

# GM 64494

2007 EXPLORATION OF THE ELDOR PROPERTY

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Énergie et Ressources  
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Québec 

**COMMERCE RESOURCES CORP.**

**2007 EXPLORATION OF  
THE ELDOR PROPERTY,  
NORTHERN QUEBEC**

Mineral Claims:

1007657 to 1007661, 1007883, 1007889, 1007890, 2087740 to 2087823,  
2111141 to 2111166, 2118751 to 2118796, 2123090 to 2123106,  
2142199 - 2142246 and 2145593 - 2145728

**GM 64494**

Geographic Coordinates:

56°51'00" N to 57°02'00" N  
68°13'00" W to 68°30'30" W

NTS Sheets:

24C/15, 24C16 and 24F/01

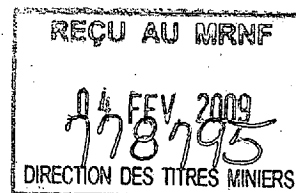
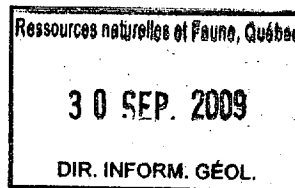
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(Order des géologues du Québec autorisation speciale numero 111)

Date Submitted: February 3<sup>rd</sup> 2008



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1.

**SUMMARY**

A geological, geochemical and geophysical exploration program was carried out during the summer of 2007 at the Eldor Property located in northern Quebec. Work was based out of a camp, adjacent to the southern end of a small lake within claim 2118787. Work consisted of prospecting, soil sampling, rock sampling, ground scintillometer survey, ground magnetic survey and an airborne radiometric-magnetic-VLF-EM survey. Targeted commodities were niobium and tantalum hosted in a Proterozoic carbonatite intrusive.

Work was conducted by Dahrouge Geological Consulting Ltd., of Edmonton, AB on behalf of Commerce Resources Corp., Vancouver, BC.

A total of 60 rock samples were collected from outcrops and boulders, and 900 soil samples were collected along grid lines at 1,000 m line spacing sampled at 50 m intervals. In addition, approximately 35 km of ground magnetic and scintillometer surveying were completed. Tundra Airborne Surveys completed an aeromagnetic-radiometric-VLF-EM survey over the property totaling 862 line km of data. Abitibi Geophysics completed an independent interpretation of the airborne data.

Exploration was successful in confirming the high values of Nb and Ta obtained during past exploration efforts as well as extending old and developing new anomalous areas of interest. Follow-up exploration is recommended to both expand these areas of interest and explore other areas of the carbonatite that have never been visited.

2.

**INTRODUCTION**

During May 2007, Commerce Resources Corp. (Commerce) acquired 8 claims, located in north-central Quebec, from Virginia Mines Inc. The 8 claims were originally staked, via map designation, in April of 2001. From May 2007 through March 2008, an additional 357 claims were acquired, and together, these 365 claims (17,053 ha) comprise the Eldor Property. This

assessment report describes the niobium and tantalum exploration work completed over the Eldor Property during the summer of 2007.

Ground exploration was undertaken by Dahrouge Geological Consulting Ltd. (Dahrouge), on behalf of Commerce, from July 16<sup>th</sup> to Sept 3<sup>rd</sup> of 2007. The exploration consisted of boulder, outcrop and soil sampling, prospecting and scintillometer and magnetic surveying.

A small exploration camp was established adjacent to a small lake in the southern portion of claim 2118787, located near the western boundary of the property. Ground exploration was based out of this location with a helicopter utilized to explore at greater distances.

During September of 2007, Tundra Airborne Surveys of Toronto, ON, conducted a fixed wing aeromagnetic-radiometric-VLF-EM survey over the Eldor Property. A total of 862 line kilometres were flown at a line spacing of 200 m with tie lines every 2 kilometres. Abitibi Geophysics of Val-d'Or, Quebec, was contracted to provide a detailed interpretation of the Tundra Airborne survey data.

### **3. GEOGRAPHIC SETTING**

#### **3.1 LOCATION AND ACCESS**

The Eldor Property is located approximately 130 south of Kuujjuaq, QC, and about 255 km north of Shefferville, QC., just west of Lac Le Moyne. The property is geographically bounded by latitude 56°51'00" N to 57°02'00" N and longitude 68°13'00" W to 68°30'30" W (Figure 3.1).

Kuujjuaq is the closest community and has a population of about 2000. It is also the administrative centre for the Nunavik region of Quebec. First Air offers the only daily direct flight between Montreal and Kuujjuaq with Air Inuit also offering flights to and from Kuujjuaq from neighbouring communities as well as Montreal. Cargo ships arrive in Kuujjuaq during the summer to offload supplies to the region. Supplies that are not attainable from Kuujjuaq are most readily attainable from Shefferville or Montreal. Efforts were made to utilize local community services when possible and to employ local residents from the closest community; Kuujjuaq.

Due to the large number of lakes and streams in addition to the areas remoteness, helicopters or fixed-wing aircraft provide the most convenient access throughout the property area. Currently there are no access roads, trails or infrastructure on the property. Kuujuaq is the closest community with float-equipped aircraft with Shefferville being the next closest alternative. Shefferville is also the terminus of the Tshiuetin Rail Transportation Inc. short line railway that runs north from Sept-Îles, QC. This rail-line is an attractive option for transporting heavier equipment, however, inclement weather and political blockages occasionally suspend its viability. The location of the property is very remote and as such, the associated logistical challenges are considered the largest hinderance to the project.

A temporary work camp was constructed in early July directly adjacent to a small lake within the southern portions of claim 2118787 [535370 E, 6309420 N (NAD83, Zone19)]. The camp consisted of 1 kitchen tent, 3 sleeping tents and 1 storage tent and was completely demobed upon the completion of the program. For the majority of the field work the camp consisted of 8 to 12 people including several Inuit from Kuujuaq.

Prospecting and soil sampling were completed on foot with Hélicopters Canada of North Bay , ON providing a Bell Jet Ranger helicopter for access to greater extents of the property.

### **3.2 TOPOGRAPHY AND VEGETATION**

The climate of the area is sub-arctic continental with temperatures reaching to -50°C in the winter and 30°C in the summer. Lake freeze-up generally starts in early October and ice break-up usually occurs in mid May. The average rainfall during the period from May to September is 450 mm.

The topography of the area is gently rolling with elevations of about 200 to 320 metres above sea level. Drainage of major rivers in the region is north, towards Ungava Bay. The area lies in a transitional vegetation zone, between sub-arctic and tundra (Taiga). The central area of the property is dominated by Black Spruce and Tamarack trees, while in the southwest area of the property tundra-barrens are found on the highland portions. High, dense shrubs of willow

and alder are located in the low-lying areas in the north and south parts of the property. Rainfall in the area is common with swampy areas not a rarity during the summer months.

The area topography is draped in a veil of glacial till with up to five metres of cover in some localities. As such, outcrop exposure is rare, however, surface and subsurface boulders appear abundantly. Ice direction is estimated to originate from a south-southeast direction.

#### **4. PROPERTY AND PREVIOUS EXPLORATION**

##### **4.1 PROPERTY ATTRIBUTES**

During May 2007, Commerce acquired 8 claims, located in north-central Quebec, from Virginia Mines Inc. The 8 claims were originally staked, via map designation, in April of 2001. From May 2007 through March 2008, an additional 357 claims were acquired via map designation, and together, these 365 claims (17,053 ha) comprise the Eldor Property (Figure 4.1, Appendix 1A). The property was acquired in order to cover the postulated extent of the Eldor Carbonatite Complex. Niobium and tantalum are the main commodities of economic interest with uranium, phosphate and rare earth elements potential secondary targets.

During 2007, exploration expenditures totaled \$884,086.32. The original 8 claims are in their 4<sup>th</sup> assessment term with a required work expenditure per claim of \$1,350. The remaining 357 claims are in their first assessment term. Each assessment term comprises 2 years with a renewal fee required in addition to the required work expenditures for that term. Logistical constraints, due to remoteness of the property, exacerbated costs for the field work in nearly every aspect. Program costs for the work done during the 2007 field season are in Appendix 1B. Work completed during the recent 2008 field season will be included in the next assessment report expected to be submitted in 2009. At this time, not all invoices have been received and data compilation of work performed is not complete.



#### 4.2 HISTORIC EXPLORATION

The Eldor Carbonatite was discovered during the course of a regional exploration program for uranium by Eldor Resources Ltd. In 1981, the company performed a regional lake water and sediment sampling program in the northern part of the Labrador Trough. In the area of the carbonatite, seven lakes returned anomalous values of uranium.

In 1982, the area of the anomalous lakes was flown with a fixed wing radiometric survey. The survey detected numerous radiometric anomalies in the area of what is now known as the Eldor Carbonatite. A brief ground follow-up of these anomalies in 1982 confirmed their presence.

In 1983, the radiometric anomalies were followed up in more detail. The anomalies were located on the ground with a scintillometer and many of the radioactive spots so discovered were further investigated via pitting and trenching. Numerous samples of the radioactive carbonatite bedrock and radioactive carbonatite boulders were collected for analyses. In addition, the area of the carbonatite was geologically mapped in a reconnaissance fashion (Meusy et al., 1984).

Analysis of the samples revealed that much of the radioactivity was due to thorium. However substantial values of Nb, Ta and rare earth elements (REE) were found in some of the samples; up to 7% Nb, 0.18% Ta and 4% total lanthanides (REE).

Unocal Canada Limited performed a three-person examination of the property for 5 days in 1985 (Knox, 1986). They collected additional samples for analysis and petrographic study and conducted magnetic and radiometric geophysical orientation surveys as well as an orientation soil geochemical survey. Although Unocal confirmed the high values reported by Eldor Resources and found additional Nb-Ta occurrences, the property was considered too remote to be potentially economic at the prevailing commodity prices.

Virginia Gold Mines Ltd. staked claims over the Eldor Carbonatite in 2001, attracted by the high Ta values that had been reported by Eldor in 1983. Virginia revisited the areas where Eldor had reported their high Nb-Ta values and resampled the occurrences. Their work was done by

a pair of two person geological/prospecting teams working for four days each. In general the Virginia work confirmed the Eldor values (as the Unocal work had), however, no further work was done on the property (Demers and Blanchet, 2002).

In April of 2007, Commerce Resources Corp. learned of the high Ta values associated with the Eldor Carbonatite at a technical meeting in Calgary and subsequently staked the carbonatite and it's immediate environs. They optioned eight claims from Virginia Gold Mines Inc, that were originally staked in April of 2001.

## **5. GEOLOGIC SETTING**

### **5.1 REGIONAL GEOLOGY**

The Eldor Carbonatite Complex is located in north-central Quebec within the Labrador Trough, which is part of the Paleoproterozoic New Quebec Orogen. The Labrador Trough lies along the northeastern margin of the Archean Superior Province, bordered by the Churchill Province to the east and the Grenville Province to the south (Figure 5.1). It is considered to be an Early Proterozoic (Aphebian) fold and thrust belt with an age of 2.17 to 1.87 Ga.

The Labrador Trough is divided into a western zone of meta-sedimentary rocks known as a miogeosyncline, and an eastern zone of meta-sediments, meta-volcanics and mafic intrusives known as a eugeosyncline. The eastern zone is bounded to the east by highly metamorphosed rocks of Aphebian age which have been thrust to the west over rocks of the eastern zone.

Three depositional cycles comprise the belt, each separated by erosional unconformities. The first two are volcanic-sedimentary in nature with emplacement from 2.17 - 2.14 Ga and 1.88 - 1.87 Ga (U - Pb dating). Overlying this sequence is a synorogenic meta-sedimentary suite of rocks that is considered to be a third cycle. These three cycles make up the Caniapiskau Supergroup. The belt itself is subdivided into eleven lithotectonic zones each separated by major thrust faults (Clark and Wares, 2006).

The first cycle of the belts formation was prompted by continental rifting, followed by passive continental margin development, further rifting and finally the reestablishment of the

platform.

A period of greater than 175 Ma followed with relatively little tectonic activity resulting in non-deposition and erosion.

The second cycle is characterized by deposition of sedimentary sandstones etc. and turbidites within a high energy environment. During this period the central part of the trough was intruded by several tholeiitic, ultra-mafic sills known as the 'Montagnais Sills'. Near the end of this cycle, the Le Moyne (Eldor) carbonatite was emplaced intruding basaltic to rhyolitic volcanic rocks. It is the only sizeable, relatively deep level carbonatite so far recognized in the area (Knox, 1986).

The third cycle occurred between 1.82 and 1.77 Ga and consisted of molasse type sedimentation on the margin of the Superior Province.

In general, metamorphic grade increases from west to east across the orogeny. The foreland passes from subgreenschist to upper greenschist facies and the hinterland from upper greenschist, amphibolite and/or granulite facies (Clark and Wares, 2006).

## 5.2 PROPERTY GEOLOGY AND DEPOSIT CHARACTERISTICS

The Eldor Carbonatite, also referred to as the Le Moyne Intrusion, lies within the east-central portion of the Labrador Trough. Historic exploration of the Eldor Carbonatite has shown it to have an elliptical shape with approximate dimensions of 7.3 x 3 km wide (Sherer, 1984). More recently Clark and Wares (2006) suggest a carbonatite extent of almost double at 15 x 4 km. Emplacement, occurred near the end of the second cycle of the belts formation approximately 1.88 - 1.87 Ga (U - Pb dating). There is no direct dating on the Eldor Carbonatite Complex, however, the older age constraint of the complex is thought to be  $1874 \pm 3$  Ma (Wright et al., 1998). The carbonatite resides in a synformal basin and intrudes a series of meta-volcanics and meta-sedimentary rocks (Figure 5.2).

The Eldor Complex, and its surrounding rocks, were deformed during the Hudsonian Orogeny along with the rocks of the Caniapiskau Super group (Birkett and Clark, 1991) . .

Multiply carbonatite intrusive events are believed to have occurred during emplacement of the Eldor Complex with both sovites (Ca - carbonatite) and beforsites (Mg carbonatite) present (Sherer, 1984 and Wright et al., 1998).

The Eldor Carbonatite geology is very complex with several lithological subdivisions proposed/identified (e.g. Wright et al., 1998) and separate eruptive centres postulated. Simplistically, the Eldor complex can be separated into two major divisions; early carbonatite and late carbonatite. The late calcite and dolomitized carbonatite are closely related to Nb-Ta mineralization (pyrochlore). The late calcite carbonatite crosscuts the early carbonatite and has alters it.

The primary targets of the exploration program on the Eldor Property are Nb-Ta deposits associated with the carbonatite. Carbonatites are igneous rocks containing more than 50% carbonate minerals, mainly calcite and dolomite. The mineralized bodies are thought to be formed by primary igneous concentrations of Nb-Ta minerals (pyrochlore, columbite and others) located in geochemically enriched phases of carbonatite intrusion.

Primary Nb-Ta deposits tend to lay parallel to the mineral banding in the host carbonatite. Mineralized bodies are characterized by an increased concentration of non-carbonate minerals as well as increased quantities of actinide elements (U and Th). This results in mineralized zones tending to be more radioactive than the unmineralized wall rocks.

A secondary target of exploration on the Eldor Carbonatite is concentrations of Lanthanide (rare earth) elements. These tend to be associated with the final phases of intrusion/veining of a carbonatite complex and are often located near the centre of carbonatite/alkaline complexes. Typically the highly oxidized nature of the late carbonatite phases makes these areas magnetic lows.

## 6.

### 2007 EXPLORATION

Ground exploration was undertaken by Dahrouge, on behalf of Commerce, from July 16<sup>th</sup> to Sept 3<sup>rd</sup> of 2007. The exploration consisted of boulder, outcrop and soil sampling, prospecting, ground magnetic and scintillometer surveying, and an airborne geophysical survey.

### 6.1 PROSPECTING AND ROCK SAMPLING

During the course of the ground exploration, from July 16<sup>th</sup> to Sept 3<sup>rd</sup> of 2007, portions of the Eldor Property were prospected and potentially mineralized outcrop and boulders sampled. Prospecting was directed by a Scintillometer GR-110 unit, used to locate radioactive boulders and subcrop. Previous exploration on this property had determined that high values of Nb and Ta were associated with anomalous mineralization. Radioactivity, as assessed via a scintillometer, is an excellent and preferred method of prospecting for Nb-Ta mineralization on the property.

A total of 60 rock samples were collected from outcrops and boulders. In addition, 57 waypoint locations were recorded identifying radioactive anomalies and/or unattainable rock samples. Of the samples collected, 31 were from boulders, 17 from outcrop and 12 were unable to be confidently categorized as either. As expected, due to the significant lack of outcrop present over the property, most samples taken were of boulders. The dominantly lithology sampled was carbonatite. Prospecting focused on the areas of known historic mineralization with the soil sample survey designed to explore at a more regional scale.

Both soil and rock samples were described, bagged, packed in pails and flown on chartered back-hauls to Kuujjuaq. From there they were flown via air cargo to Montreal where QuikX Transportation Inc. transported them by ground to ACME Analytical Laboratories of Vancouver BC, for analysis under their Group 4A/4B (Whole Rock Major and Trace Element Analysis by ICP) package.

Lithological descriptions, locations and radioactivity of rock samples are in Appendix 2 with analytical results in Appendix 3. Prospecting information is in Appendix 4.

Analytical results for Nb range from 4.6 to >50,000 ppm (off scale); Ta from near detection limits to 1,269 ppm; U from detection limits to 1,415 ppm; and P<sub>2</sub>O<sub>5</sub> from 0.06 to 28.24%. Sample 39052, a grab from a coarse-grained glimmerite outcrop, assays both the highest Nb and Ta with 935 ppm U and negligible P<sub>2</sub>O<sub>5</sub>. Rock sample locations displaying Nb and Ta are in Figures 6.1 and 6.2 respectively.

Several sample assays returned anomalous concentrations of combined rare earth elements plus yttrium (REE+Y) with 10 assaying greater than 1%, and 20 assaying greater than 0.5% (Appendix 5). A carbonatite boulder, sample 39063, assays total REE+Y of 41,828 ppm (4.18%). Figure 6.3 depicts a rare earth distribution curve for the two highest samples (39063 and 39054) normalized to chondrite abundance values from Anders and Grevesse (1989). These two samples are compared with a Mountain Pass Head Sample and sample 7518A collected by Eldor Resources in 1983, as presented in Sherer (1984). As Shearer (1984) plotted the Mountain Pass Head Sample already normalized without stating the source chondritic values, it is difficult to ascertain the factor used. However, based on comparison with 7518A, for which oxide values are listed, the source is believed to be from a prior publication of Anders and Grevesse (1989). Interpretation is preliminary, however, the 2007 sample curves are relatively flat for carbonatite REE, and may be reflective of more abundant heavy REE compared to a "normal" carbonatite. The "bump" at Tm-Yb for 39063 suggests that there are two minerals containing significant REE's, one of which is enriched in the heavies. In addition, comparison with the Mountain Pass Head Sample suggests that the Eldor Carbonatite may be more enriched in the heavy rare earths than light rare earths compared to the Mountain Pass carbonatite complex.

REE mineralization has been reported at Eldor in the past with monazite  $[(La,Ce,Nd)PO_4]$  and bastnasite  $[(Ce,La)_2CO_3F]$  being identified. Rock sample locations displaying REE+Y are in Figure 6.4.

Prospecting yielded 57 locations of anomalous interest where no sample could be obtained (Figure 6.5). In total, 42 of these locations had the level of radioactivity recorded with a high of 6300 counts per second (cps) obtained (MG32). In most cases, where no sample could be taken, the cause was the radioactive location was a flat rock surface from which no sample could be obtained or the radioactive source was deeper than could be exposed by digging.

Sample descriptions and locations were recorded along with the radioactivity so as to be integrated with other field data. The data will be useful for mapping the distribution of

radioactive boulders and thus aiding in locating the source area. Outcrop encountered will assist in mapping and understanding the geology for the area in more detail.

Three glacial striation readings were recorded and are in Appendix 4. The general north-south striae directions correlate with more regional, historic measurements.

## 6.2 SOIL SAMPLING

During the course of the ground exploration, from July 16<sup>th</sup> to Sept 3<sup>rd</sup> of 2007, a regional soil sampling program was completed over portions of the Eldor Property. A total of 894 soil samples were collected at 50 m intervals along lines spaced every 1,000 m. Soil sample locations were calculated prior to the field survey. The proposed location was traversed to in the field and sample taken. Six soil samples were also collected during prospecting and were located by GPS at the time of their collection. Two samples were also collected at the same location twice (28751/28682 and 39200/38128). Lines were oriented in a general southwest-northeast direction, approximately perpendicular to the trend of the regional geology as well as perceived ice direction. The soil sampling program was the most demanding for helicopter time for the entirety of the field work.

Soil sample descriptions and locations are in Appendix 6. Analytical results are in Appendix 7. Analytical results for Nb range from detection limits to 8,248 ppm; Ta from detection limits to 810 ppm; U from detection limits to 683 ppm.  $P_2O_5$  was not assayed. Sample 29823, collected off the main grid during prospecting, assays both the highest Nb and Ta along with 500 ppm U. Of the 900 soil samples collected, 45 assay greater than 500 ppm Nb and 12 higher than 1,000 ppm. Five soils assay greater than 50 ppm Ta. The three highest Ta assays were 81, 540 and 810 ppm, making the latter two large outliers in the data set. However, those two outliers also correspond to some of the highest Nb and U assays received. These samples undoubtedly contained detrital mineralized material grains of pyrochlore and/or columbite.

Preliminary interpretation of the soil samples shows a concurrent anomalous zone of Nb-Ta trending in a general north-south direction over the north-central part of the survey area. The

trend is parallel to the perceived glacial ice direction in the area and suggests a mineralized origin near its southern end, in the vicinity of sample 29823. A subdued U anomaly also presents itself. In addition, a smaller, less prominent, parallel anomaly is present and offset about 1.5 kilometers to the east but seems to terminate near the origin of the main trend. Two separate sources or a structural offset are potential explanations for these observations. Soil sample locations displaying Nb and Ta are in Figures 6.6 and 6.7 respectively.

The 2007 soil samples also returned anomalous REE+Y values running concurrent to the aforementioned Ta and Nb trend. In addition, a second area of REE+Y anomaly lies to the east on the central lines of the survey. Carbonatite intrusives are often associated with REE+Y mineralization and, thus, the presence of the regional anomalies may allow for a concentrated source to be located. Soil sample locations displaying REE+Y are in Figures 6.8.

### **6.3 GROUND SCINTILLOMETER AND MAGNETIC SURVEY**

During the course of the ground exploration, from July 16<sup>th</sup> to Sept 3<sup>rd</sup> of 2007, approximately 35 km of ground magnetic and scintillometer surveying was completed. A total of 2,911 magnetic and 2,580 radioactivity (cps) survey points were collected at.

Stations were recorded along the soil sampling lines at 12.5 m intervals using a portable Gem Systems Inc. Overhauser Effect magnetometer-gradimeter, model number GSM-19. The instrument has a range of 20,000 - 120,000 nT with an accuracy of 0.2 nT and a resolution of 0.01 nT. As the spacing between lines was approximately 1 km, correlation between lines is at a very regional scale. Only preliminary profiles were targeted with followup in-fill lines contingent on results.

Several anomalies were identified. The most prominent is a large magnetic high trending north-west along the western margins of the survey boundary. This feature most likely represents meta-volcanics bordering the western extent of the carbonatite body. In addition, a large magnetic high was encountered in the central portion of Line 0000, however, it was not picked up on adjacent lines. The data will be integrated to provide a more thorough



interpretation and assess the practicality of the survey. Results of the ground magnetic survey are in Appendix 8 and Figure 6.9.

The scintillometer survey was conducted at the same station locations as the ground magnetic survey. Counts per second (cps) were recorded using a scintillometer GR-110. Faulty equipment prevented as many readings as that of the magnetic survey.

Trends of anomalous radioactivity mirror that of the aforementioned Nb-Ta-REE in soils. As expected, radioactivity is strongly associated with niobium mineralization making the scintillometer survey an ideal, cheap and effective first pass method of exploration. The magnetic and scintillometer surveys do not show any clear correlation to each other. The magnetics are more reflective of the subsurface geology whereas the scintillometer survey only penetrates the upper several centimetres of the soil profile. Magnetics are also not subject to glacial movement regimes nor soil creep unlike a radiometric survey. Results of the ground scintillometer survey are in Appendix 8 and Figure 6.10.

#### **6.4 AIRBORNE GEOPHYSICS**

During September 26<sup>th</sup> and 27<sup>th</sup> of 2007, Tundra Airborne Surveys of Toronto, ON, conducted a fixed wing aeromagnetic-radiometric-VLF-EM survey over the Eldor Property. A Beechcraft King Air 65A90 with two extended wing-tip pods and tail-stinger was utilized. Kuujuaq was the staging point for the survey which was completed in two flights. The survey was carried out in order to further delineate structure, radiometric anomalies and subsurface geology.

A total of 862 line kilometres were flown at a spacing of 200 m with tie lines every 2 kilometres. A full description of the survey specifications along with accompanying maps is in Appendix 9.

Abitibi Geophysics of Val-d'Or, Quebec, was contracted to provide an independent and detailed interpretation of the Tundra Airborne survey data. In summary, several semi-circular magnetic anomalies are identified over the property and are interpreted to be pipe-like

intrusives indicative of kimberlite or carbonatite bodies. Three clear zones of radiometric anomalies are identified with high Th, U and K. These three zones also appear to be spatially associated with the semi-circular anomalies implying a potential source of mineralization. In addition, several lineations/potential faults are mapped crossing the property in virtually all directions providing conduits for various mineralizing fluids to migrate. A detailed and thorough interpretation with accompanying maps of the airborne survey is in Appendix 10.

## **7. CONCLUSIONS AND RECOMMENDATIONS**

A geological exploration program for niobium and tantalum was carried out during the summer of 2007 at the Eldor Carbonatite located in northern Quebec. Work consisted of prospecting, soil sampling, rock sampling, ground magnetic and scintillometer surveys, and an airborne radiometric-magnetic-VLF-EM survey.

Work was conducted by Dahrouge Geological Consulting Ltd., of Edmonton, AB on behalf of Commerce Resources Corp. A total of 60 rock samples were collected from outcrops and boulders, 900 soil samples were collected along grids of 1,000 m line spacing sampled at 50 m intervals. In addition, approximately 35 km of ground magnetic and scintillometer surveying were completed at 12.5 m spacings between readings. Tundra Airborne Surveys completed an aeromagnetic-radiometric-VLF-EM survey totaling 862 line km of data over the property with Abitibi Geophysics completing an independent interpretation of the airborne data.

Exploration was successful in confirming historic mineralization, extending old and developing new areas of anomalous interest. Follow-up exploration is recommended to both expand the areas of interest and explore other areas of the carbonatite that have never been visited.

Attention should be given to the numerous anomalies discovered during the 2007 exploration. Soil sampling methods have proven successful as a reconnaissance exploration tool as pyrochlore is resistive to weathering and thus remains robust in the soil profile. In-fill soil sampling should be conducted to tighten line spacing and better define anomalies and thus

their focus. Specific attention should be given to the large anomaly trending in a generally north-south direction between Line 1000 S and 4000 N, as well as the two concurrent anomalies located along the baseline at 2000 S and 3000 S. In-fill followup should also focus on the area of REE+Y anomaly located at the eastern extent of Line 1000 S and 2000 S. The sampling of up to 4% REE in boulders suggests potential for the carbonatite to host an REE deposit of appreciable grade.

Continued prospecting in the vicinity of the soil anomalies is recommended in order to determine and map the locations of boulder fields. The focal/source point of mineralized boulder trains would present a primary area for drill testing. Trenching should be completed in preparation for any forthcoming drilling program. A small, light weight backhoe would be ideal, but would have to be flown to site and mobbed around via helicopter or All Terrain Vehicle.

Petrographic thin sections should be systematically taken from various lithologies to get a better understanding of the mineralogy. Consideration should be given to distinct mineralogical differences from the north (columbite etc.) and south (pyrochlore etc.) regions. A review of the prior literature should be undertaken in tandem with this work to avoid unnecessary duplication.

As regional magnetics were completed by Tundra Airborne Surveys, ground magnetics should be limited and focus on prospective drill areas derived from additional prospecting and soil surveying. Scintillometer surveying should be done in tandem with soil sampling to minimize costs of additional surveying. Each sample should have its radioactivity recorded in its sample bag before shipping. The radioactivity of each sample can then be directly compared when normalized to the sample weight as determined by the lab upon receipt.

Grades of both niobium and tantalum are believed to be sufficiently high enough to offset logistical drawbacks stemming from the remoteness of the property. Appreciable amounts of phosphate and uranium add to the property's potential. At current market prices, in addition to a favourable outlook in the future for all five commodities of interest (niobium, tantalum, phosphate, uranium and rare earth elements), continued exploration of the property is warranted and encouraged.

8.

## REFERENCES

- Anders E. and Grevesse N. (1989) Abundances of the elements: Meteoritic and solar. *Geochim. Cosmochim. Acta* 53, 197-214.
- Birkett, T.C. and Clark, T. (1991) A Lower Proterozoic Carbonatite at Lac LeMoyne, Northern Quebec: Geology and Mineral Potential. *Geological Survey of Canada, Current Activities Forum, Program with Abstracts*, page 18.
- Clark, T. and Wares R. (2006) Lithotectonic and Metallogenic Synthesis of the New Québec Orogen (Labrador Trough). *Ministère des Ressources naturelles et de la Faune*, MM 2005-01, 175 pages
- Demers M. and Blanchet C. (2002) Propriété Lac Erlandson-Ta Reconnaissance Géologique, Août 2001. *Mines d'or Virginia Inc., Services Techniques Géonordic Inc.* Rept. 16 pages plus appendices.
- Knox, A.W. (1986) 1985 Field Examination, Eldor Carbonatite, Quebec. *Unocal Canada Ltd.* Rept. 71 pages, 3 maps.
- Meusy, G.X., Lafontaine M.A. and Henault J. (1984) Project 540 - Labrador Trough, The Carbonatite Complex of Permit 669, New Quebec. *Eldor Resources Ltd.* Rept., 10 pages.
- Sherer, R. L. (1984) Evaluation of Selected Samples from Eldor Resources Ltd., Permit 669 Carbonatite, Quebec. *Union Molycorp Rept.*, 62 pages.
- Wright, W.R., Mariano, A.N. and Hagni, R.G. (1998) Pyrochlore, mineralization, and glimmerite formation in the Eldor (Lake LeMoyne) carbonatite complex, Labrador Trough, Quebec, Canada. In: *Proceedings of the 33<sup>rd</sup> Forum on the Geology of Industrial Minerals. Canadian Institute of Mining, Metallurgy and Petroleum; Special Vol. 50*, pages 205-213.
- Rare Earths Reminder (1989) *Publisher: Rhône-Poulenc*, booklet. 60 pages.

**AUTHORS STATEMENT OF QUALIFICATIONS**

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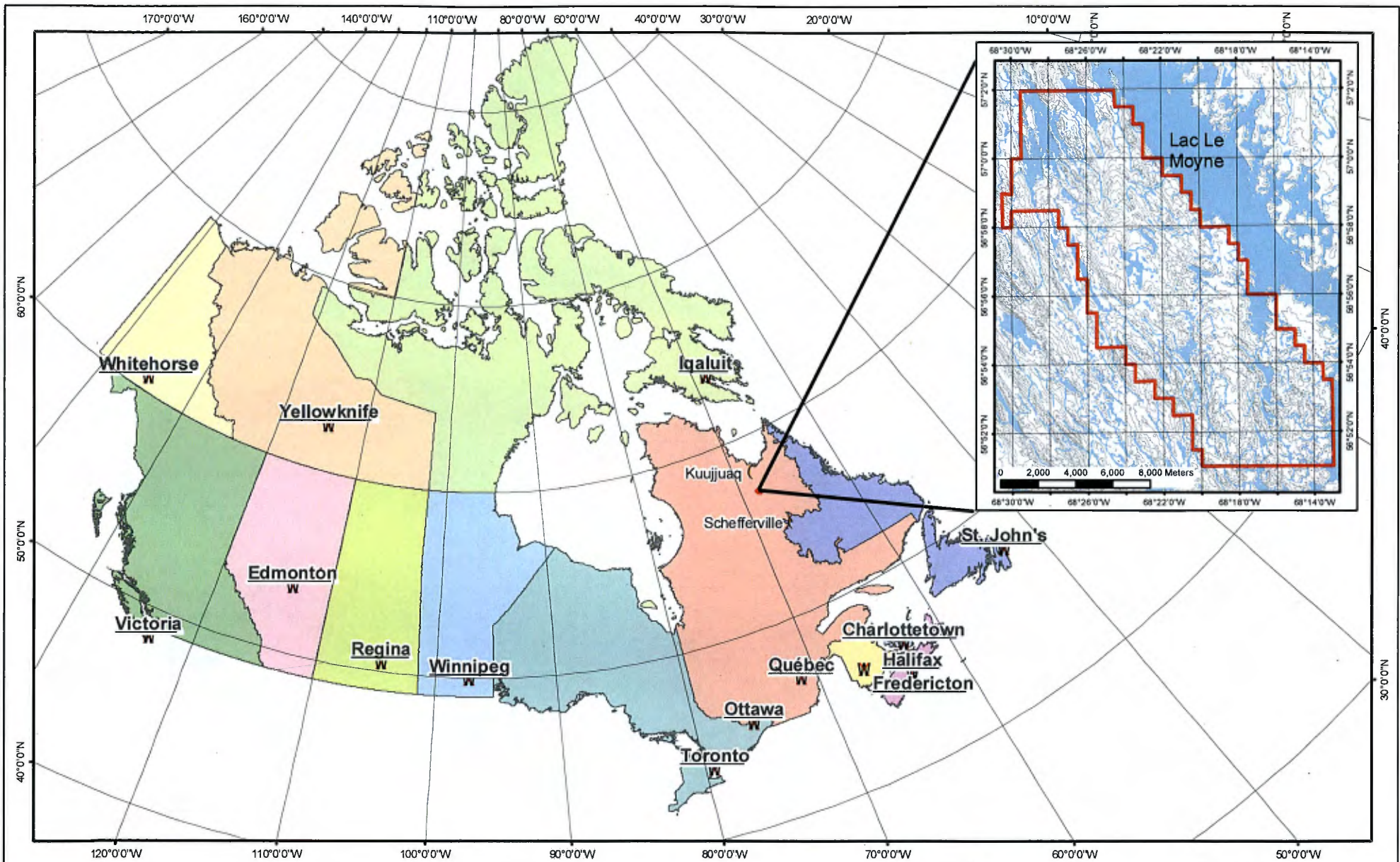
## Statement of Qualifications

I, Alexander Walter Knox, M.Sc., P.Geol of 2233 4 Av. NW Calgary, Alberta, Canada does hereby state that:

- 1) I have received a Bachelor of Science Degree in Geology (1976) and a Masters Degree in Geology (1980), both from the University of Calgary.
- 2) I am an Alberta registered Professional Geologist (APEGGA)
- 3) I have a Special Authorization (111) to practice geology in Quebec
- 4) I have worked as a mineral exploration geologist for the past 30 years.
- 5) I have been involved in exploration for rare metals in alkaline/carbonatite complexes on and off since 1983.
- 6) I examined the Eldor Property for Unocal Canada Limited in 1985. I visited the Eldor property for a week in 2007.
- 7) I am an independent consultant and have no interest, nor expect to receive any, in the Eldor property.




Alex W. Knox, M.Sc., P.Geol  
Jan 25, 2009

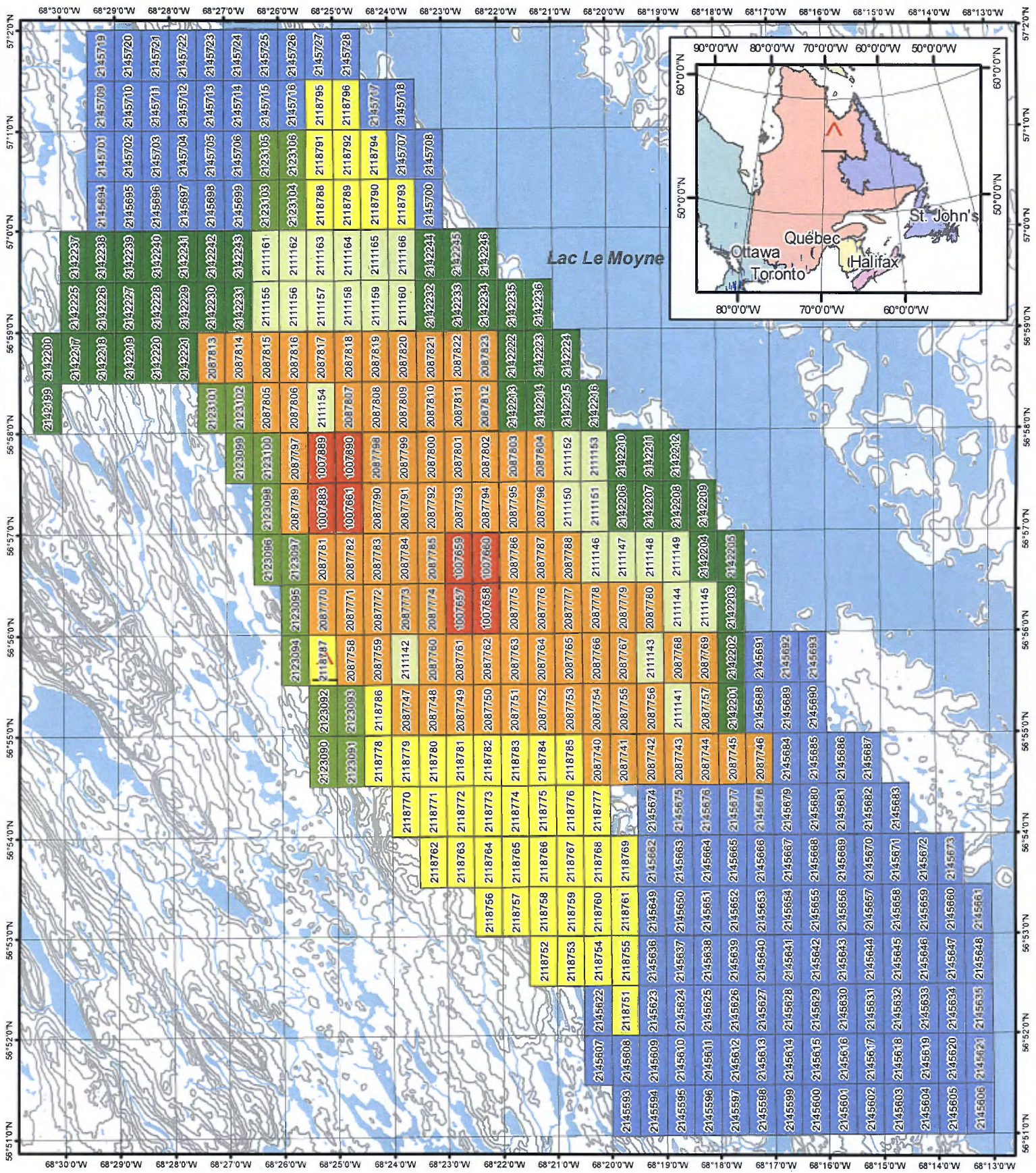


**Legend**

- Water Bodies
- Water Courses
- Contour Lines
- Eldor Property

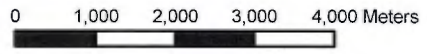


<b>COMMERCE RESOURCES CORP.</b>	
Eldor Property, Quebec	
	<p>Figure 3.1 Location Map</p>



**Legend**

- |  |           |  |               |  |            |
|--|-----------|--|---------------|--|------------|
|  | 4/10/2009 |  | Water Bodies  |  | Eldor Camp |
|  | 5/29/2009 |  | Water Courses |  |            |
|  | 8/21/2009 |  | Contour Lines |  |            |
|  | 7/24/2009 |  |               |  |            |
|  | 9/20/2009 |  |               |  |            |
|  | 1/24/2010 |  |               |  |            |
|  | 3/27/2010 |  |               |  |            |



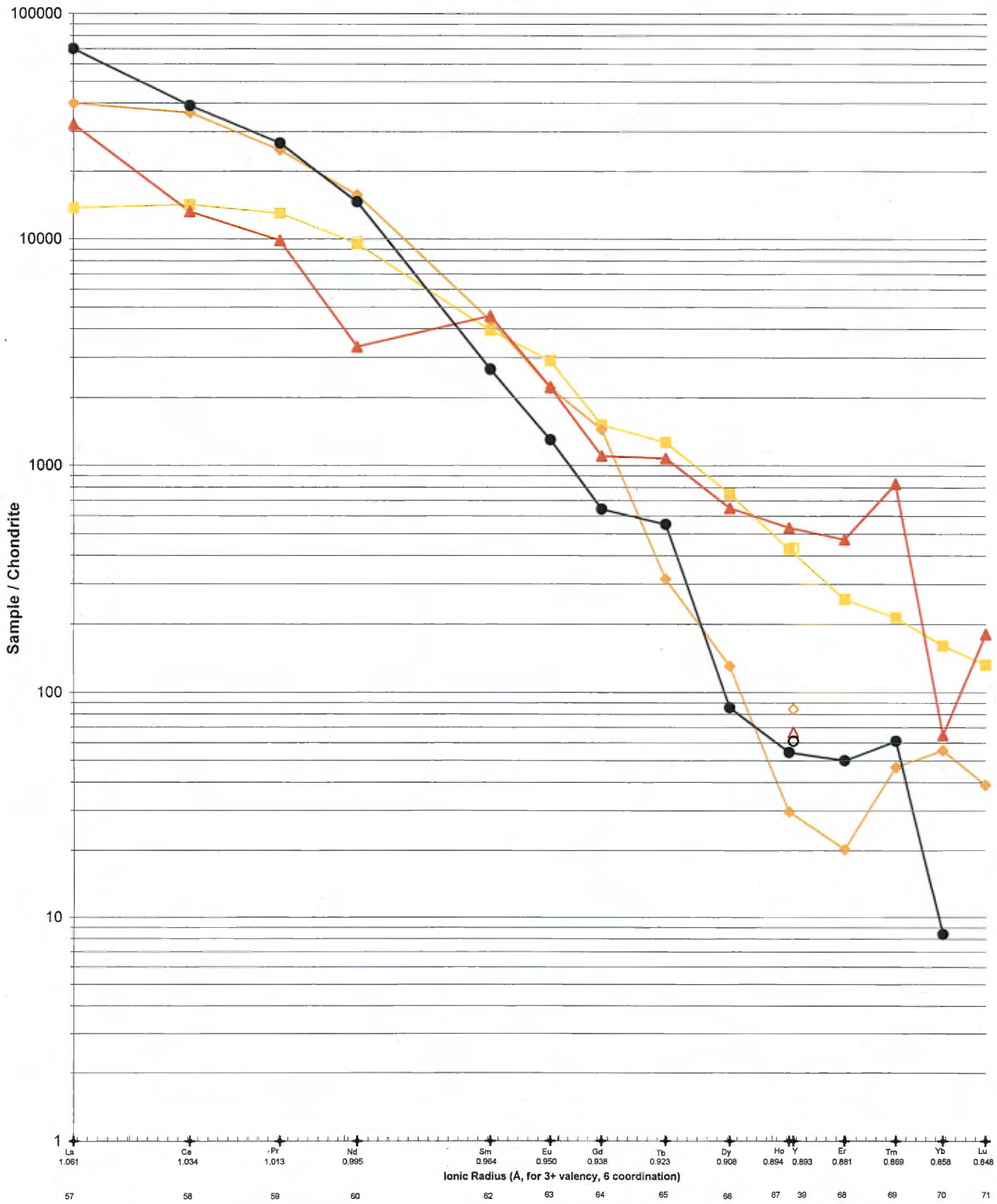
<b>COMMERCE RESOURCES CORP.</b>	
Eldor Property, Quebec	
 <b>DAHROUGE GEOLOGICAL CONSULTING LTD.</b>	<b>Figure 4.1</b> <b>Property Claim Map</b>



## **NUMÉRIQUE**

**PAGE(S) DE DIMENSION HORS STANDARD  
NUMÉRISÉE ET POSITIONNÉE À LA SUITE DES  
PRÉSENTES PAGES STANDARDS.**

### REE+Y Distribution Curve



- 39054
- ◆ 39063
- ▲ Eldor 7518A\*
- Mountain Pass Head Sample\*

Hollow symbols indicate Y abundance  
 \* Data from Union Molycorp (Sherer, 1984)  
 Chondrite values from Anders and Grevesse (1989)

**COMMERCE RESOURCES CORP.**

Eldor Property, Quebec

**DC**  
DAN ROUPE  
GEOLOGICAL  
CONSULTING LTD

Figure 6.3  
REE+Y Distribution Curve

## **NUMÉRIQUE**

**PAGE(S) DE DIMENSION HORS STANDARD  
NUMÉRISÉE ET POSITIONNÉE À LA SUITE DES  
PRÉSENTES PAGES STANDARDS.**

APPENDIX 1A: PROPERTY CLAIM ATTRIBUTES

Title No	NTS Sheet	Row/Block	Column/Lot	Type of Title	Date of Registration	Expiry Date	Number of Renewals	Area (Ha)	Excess Work	Required Work	Required Fees
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2111160	NTS 24C16	29	13	CDC	25-Jul-07	24-Jul-09	0	46.98	\$ -	\$ 135.00	\$ 102.00
2111161	NTS 24C16	30	8	CDC	25-Jul-07	24-Jul-09	0	46.97	\$ -	\$ 135.00	\$ 102.00
2111162	NTS 24C16	30	9	CDC	25-Jul-07	24-Jul-09	0	46.97	\$ -	\$ 135.00	\$ 102.00
2111163	NTS 24C16	30	10	CDC	25-Jul-07	24-Jul-09	0	46.97	\$ -	\$ 135.00	\$ 102.00
2111164	NTS 24C16	30	11	CDC	25-Jul-07	24-Jul-09	0	46.97	\$ -	\$ 135.00	\$ 102.00
2111165	NTS 24C16	30	12	CDC	25-Jul-07	24-Jul-09	0	46.97	\$ -	\$ 135.00	\$ 102.00
2111166	NTS 24C16	30	13	CDC	25-Jul-07	24-Jul-09	0	46.97	\$ -	\$ 135.00	\$ 102.00
2118751	NTS 24C16	15	21	CDC	22-Aug-07	21-Aug-09	0	47.12	\$ -	\$ 135.00	\$ 102.00
2118752	NTS 24C16	16	18	CDC	22-Aug-07	21-Aug-09	0	47.11	\$ -	\$ 135.00	\$ 102.00
2118753	NTS 24C16	16	19	CDC	22-Aug-07	21-Aug-09	0	47.11	\$ -	\$ 135.00	\$ 102.00
2118754	NTS 24C16	16	20	CDC	22-Aug-07	21-Aug-09	0	47.11	\$ -	\$ 135.00	\$ 102.00
2118755	NTS 24C16	16	21	CDC	22-Aug-07	21-Aug-09	0	47.11	\$ -	\$ 135.00	\$ 102.00
2118756	NTS 24C16	17	16	CDC	22-Aug-07	21-Aug-09	0	47.1	\$ -	\$ 135.00	\$ 102.00
2118757	NTS 24C16	17	17	CDC	22-Aug-07	21-Aug-09	0	47.1	\$ -	\$ 135.00	\$ 102.00
2118758	NTS 24C16	17	18	CDC	22-Aug-07	21-Aug-09	0	47.1	\$ -	\$ 135.00	\$ 102.00
2118759	NTS 24C16	17	19	CDC	22-Aug-07	21-Aug-09	0	47.1	\$ -	\$ 135.00	\$ 102.00
2118760	NTS 24C16	17	20	CDC	22-Aug-07	21-Aug-09	0	47.1	\$ -	\$ 135.00	\$ 102.00
2118761	NTS 24C16	17	21	CDC	22-Aug-07	21-Aug-09	0	47.1	\$ -	\$ 135.00	\$ 102.00
2118762	NTS 24C16	18	14	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00
2118763	NTS 24C16	18	15	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00
2118764	NTS 24C16	18	16	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00
2118765	NTS 24C16	18	17	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00

Title No	NTS Sheet	Row/Block	Column/Lot	Type of Title	Date of Registration	Expiry Date	Number of Renewals	Area (Ha)	Excess Work	Required Work	Required Fees
2118766	NTS 24C16	18	18	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00
2118767	NTS 24C16	18	19	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00
2118768	NTS 24C16	18	20	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00
2118769	NTS 24C16	18	21	CDC	22-Aug-07	21-Aug-09	0	47.09	\$ -	\$ 135.00	\$ 102.00
2118770	NTS 24C16	19	13	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118771	NTS 24C16	19	14	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118772	NTS 24C16	19	15	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118773	NTS 24C16	19	16	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118774	NTS 24C16	19	17	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118775	NTS 24C16	19	18	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118776	NTS 24C16	19	19	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118777	NTS 24C16	19	20	CDC	22-Aug-07	21-Aug-09	0	47.08	\$ -	\$ 135.00	\$ 102.00
2118778	NTS 24C16	20	12	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118779	NTS 24C16	20	13	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118780	NTS 24C16	20	14	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118781	NTS 24C16	20	15	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118782	NTS 24C16	20	16	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118783	NTS 24C16	20	17	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118784	NTS 24C16	20	18	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118785	NTS 24C16	20	19	CDC	22-Aug-07	21-Aug-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2118786	NTS 24C16	21	12	CDC	22-Aug-07	21-Aug-09	0	47.06	\$ -	\$ 135.00	\$ 102.00
2118787	NTS 24C16	22	10	CDC	22-Aug-07	21-Aug-09	0	47.05	\$ -	\$ 135.00	\$ 102.00
2118788	NTS 24F01	1	10	CDC	22-Aug-07	21-Aug-09	0	46.96	\$ -	\$ 135.00	\$ 102.00
2118789	NTS 24F01	1	11	CDC	22-Aug-07	21-Aug-09	0	46.96	\$ -	\$ 135.00	\$ 102.00
2118790	NTS 24F01	1	12	CDC	22-Aug-07	21-Aug-09	0	46.96	\$ -	\$ 135.00	\$ 102.00
2118791	NTS 24F01	2	10	CDC	22-Aug-07	21-Aug-09	0	46.95	\$ -	\$ 135.00	\$ 102.00
2118792	NTS 24F01	2	11	CDC	22-Aug-07	21-Aug-09	0	46.95	\$ -	\$ 135.00	\$ 102.00
2118793	NTS 24F01	1	13	CDC	22-Aug-07	21-Aug-09	0	46.96	\$ -	\$ 135.00	\$ 102.00
2118794	NTS 24F01	2	12	CDC	22-Aug-07	21-Aug-09	0	46.95	\$ -	\$ 135.00	\$ 102.00
2118795	NTS 24F01	3	10	CDC	22-Aug-07	21-Aug-09	0	46.93	\$ -	\$ 135.00	\$ 102.00
2118796	NTS 24F01	3	11	CDC	22-Aug-07	21-Aug-09	0	46.93	\$ -	\$ 135.00	\$ 102.00
2123090	NTS 24C16	20	10	CDC	21-Sep-07	20-Sep-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2123091	NTS 24C16	20	11	CDC	21-Sep-07	20-Sep-09	0	47.07	\$ -	\$ 135.00	\$ 102.00
2123092	NTS 24C16	21	10	CDC	21-Sep-07	20-Sep-09	0	47.06	\$ -	\$ 135.00	\$ 102.00
2123093	NTS 24C16	21	11	CDC	21-Sep-07	20-Sep-09	0	47.06	\$ -	\$ 135.00	\$ 102.00
2123094	NTS 24C16	22	9	CDC	21-Sep-07	20-Sep-09	0	47.05	\$ -	\$ 135.00	\$ 102.00
2123095	NTS 24C16	23	9	CDC	21-Sep-07	20-Sep-09	0	47.04	\$ -	\$ 135.00	\$ 102.00
2123096	NTS 24C16	24	8	CDC	21-Sep-07	20-Sep-09	0	47.03	\$ -	\$ 135.00	\$ 102.00
2123097	NTS 24C16	24	9	CDC	21-Sep-07	20-Sep-09	0	47.03	\$ -	\$ 135.00	\$ 102.00
2123098	NTS 24C16	25	8	CDC	21-Sep-07	20-Sep-09	0	47.02	\$ -	\$ 135.00	\$ 102.00
2123099	NTS 24C16	26	7	CDC	21-Sep-07	20-Sep-09	0	47.01	\$ -	\$ 135.00	\$ 102.00
2123100	NTS 24C16	26	8	CDC	21-Sep-07	20-Sep-09	0	47.01	\$ -	\$ 135.00	\$ 102.00
2123101	NTS 24C16	27	6	CDC	21-Sep-07	20-Sep-09	0	47	\$ -	\$ 135.00	\$ 102.00
2123102	NTS 24C16	27	7	CDC	21-Sep-07	20-Sep-09	0	47	\$ -	\$ 135.00	\$ 102.00
2123103	NTS 24F01	1	8	CDC	21-Sep-07	20-Sep-09	0	46.96	\$ -	\$ 135.00	\$ 102.00

Title No	NTS Sheet	Row/Block	Column/Lot	Type of Title	Date of Registration	Expiry Date	Number of Renewals	Area (Ha)	Excess Work	Required Work	Required Fees
2123104	NTS 24F01	1	9	CDC	21-Sep-07	20-Sep-09	0	46.96	\$ -	\$ 135.00	\$ 102.00
2123105	NTS 24F01	2	8	CDC	21-Sep-07	20-Sep-09	0	46.95	\$ -	\$ 135.00	\$ 102.00
2123106	NTS 24F01	2	9	CDC	21-Sep-07	20-Sep-09	0	46.95	\$ -	\$ 135.00	\$ 102.00
2142199	NTS 24C15	27	60	CDC	25-Jan-08	24-Jan-10	0	47	\$ -	\$ 135.00	\$ 102.00
2142200	NTS 24C15	28	60	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142201	NTS 24C16	21	25	CDC	25-Jan-08	24-Jan-10	0	47.06	\$ -	\$ 135.00	\$ 102.00
2142202	NTS 24C16	22	25	CDC	25-Jan-08	24-Jan-10	0	47.05	\$ -	\$ 135.00	\$ 102.00
2142203	NTS 24C16	23	25	CDC	25-Jan-08	24-Jan-10	0	47.04	\$ -	\$ 135.00	\$ 102.00
2142204	NTS 24C16	24	24	CDC	25-Jan-08	24-Jan-10	0	47.03	\$ -	\$ 135.00	\$ 102.00
2142205	NTS 24C16	24	25	CDC	25-Jan-08	24-Jan-10	0	47.03	\$ -	\$ 135.00	\$ 102.00
2142206	NTS 24C16	25	21	CDC	25-Jan-08	24-Jan-10	0	47.02	\$ -	\$ 135.00	\$ 102.00
2142207	NTS 24C16	25	22	CDC	25-Jan-08	24-Jan-10	0	47.02	\$ -	\$ 135.00	\$ 102.00
2142208	NTS 24C16	25	23	CDC	25-Jan-08	24-Jan-10	0	47.02	\$ -	\$ 135.00	\$ 102.00
2142209	NTS 24C16	25	24	CDC	25-Jan-08	24-Jan-10	0	47.02	\$ -	\$ 135.00	\$ 102.00
2142210	NTS 24C16	26	21	CDC	25-Jan-08	24-Jan-10	0	47.01	\$ -	\$ 135.00	\$ 102.00
2142211	NTS 24C16	26	22	CDC	25-Jan-08	24-Jan-10	0	47.01	\$ -	\$ 135.00	\$ 102.00
2142212	NTS 24C16	26	23	CDC	25-Jan-08	24-Jan-10	0	47.01	\$ -	\$ 135.00	\$ 102.00
2142213	NTS 24C16	27	17	CDC	25-Jan-08	24-Jan-10	0	47	\$ -	\$ 135.00	\$ 102.00
2142214	NTS 24C16	27	18	CDC	25-Jan-08	24-Jan-10	0	47	\$ -	\$ 135.00	\$ 102.00
2142215	NTS 24C16	27	19	CDC	25-Jan-08	24-Jan-10	0	47	\$ -	\$ 135.00	\$ 102.00
2142216	NTS 24C16	27	20	CDC	25-Jan-08	24-Jan-10	0	47	\$ -	\$ 135.00	\$ 102.00
2142217	NTS 24C16	28	1	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142218	NTS 24C16	28	2	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142219	NTS 24C16	28	3	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142220	NTS 24C16	28	4	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142221	NTS 24C16	28	5	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142222	NTS 24C16	28	17	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142223	NTS 24C16	28	18	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142224	NTS 24C16	28	19	CDC	25-Jan-08	24-Jan-10	0	46.99	\$ -	\$ 135.00	\$ 102.00
2142225	NTS 24C16	29	1	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142226	NTS 24C16	29	2	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142227	NTS 24C16	29	3	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142228	NTS 24C16	29	4	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142229	NTS 24C16	29	5	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142230	NTS 24C16	29	6	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142231	NTS 24C16	29	7	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142232	NTS 24C16	29	14	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142233	NTS 24C16	29	15	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142234	NTS 24C16	29	16	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142235	NTS 24C16	29	17	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142236	NTS 24C16	29	18	CDC	25-Jan-08	24-Jan-10	0	46.98	\$ -	\$ 135.00	\$ 102.00
2142237	NTS 24C16	30	1	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142238	NTS 24C16	30	2	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142239	NTS 24C16	30	3	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142240	NTS 24C16	30	4	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00



Title No	NTS Sheet	Row/Block	Column/Lot	Type of Title	Date of Registration	Expiry Date	Number of Renewals	Area (Ha)	Excess Work	Required Work	Required Fees
2142241	NTS 24C16	30	5	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142242	NTS 24C16	30	6	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142243	NTS 24C16	30	7	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142244	NTS 24C16	30	14	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142245	NTS 24C16	30	15	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2142246	NTS 24C16	30	16	CDC	25-Jan-08	24-Jan-10	0	46.97	\$ -	\$ 135.00	\$ 102.00
2145593	NTS 24C16	13	21	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145594	NTS 24C16	13	22	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145595	NTS 24C16	13	23	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145596	NTS 24C16	13	24	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145597	NTS 24C16	13	25	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145598	NTS 24C16	13	26	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145599	NTS 24C16	13	27	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145600	NTS 24C16	13	28	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145601	NTS 24C16	13	29	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145602	NTS 24C16	13	30	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145603	NTS 24C16	13	31	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145604	NTS 24C16	13	32	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145605	NTS 24C16	13	33	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145606	NTS 24C16	13	34	CDC	28-Mar-08	27-Mar-10	0	47.14	\$ -	\$ 135.00	\$ 102.00
2145607	NTS 24C16	14	20	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145608	NTS 24C16	14	21	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145609	NTS 24C16	14	22	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145610	NTS 24C16	14	23	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145611	NTS 24C16	14	24	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145612	NTS 24C16	14	25	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145613	NTS 24C16	14	26	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145614	NTS 24C16	14	27	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145615	NTS 24C16	14	28	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145616	NTS 24C16	14	29	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145617	NTS 24C16	14	30	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145618	NTS 24C16	14	31	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145619	NTS 24C16	14	32	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145620	NTS 24C16	14	33	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145621	NTS 24C16	14	34	CDC	28-Mar-08	27-Mar-10	0	47.13	\$ -	\$ 135.00	\$ 102.00
2145622	NTS 24C16	15	20	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145623	NTS 24C16	15	22	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145624	NTS 24C16	15	23	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145625	NTS 24C16	15	24	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145626	NTS 24C16	15	25	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145627	NTS 24C16	15	26	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145628	NTS 24C16	15	27	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145629	NTS 24C16	15	28	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145630	NTS 24C16	15	29	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145631	NTS 24C16	15	30	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00

Title No	NTS Sheet	Row/Block	Column/Lot	Type of Title	Date of Registration	Expiry Date	Number of Renewals	Area (Ha)	Excess Work	Required Work	Required Fees
2145632	NTS 24C16	15	31	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145633	NTS 24C16	15	32	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145634	NTS 24C16	15	33	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145635	NTS 24C16	15	34	CDC	28-Mar-08	27-Mar-10	0	47.12	\$ -	\$ 135.00	\$ 102.00
2145636	NTS 24C16	16	22	CDC	28-Mar-08	27-Mar-10	0	47.11	\$ -	\$ 135.00	\$ 102.00
2145637	NTS 24C16	16	23	CDC	28-Mar-08	27-Mar-10	0	47.11	\$ -	\$ 135.00	\$ 102.00
2145638	NTS 24C16	16	24	CDC	28-Mar-08	27-Mar-10	0	47.11	\$ -	\$ 135.00	\$ 102.00
2145639	NTS 24C16	16	25	CDC	28-Mar-08	27-Mar-10	0	47.11	\$ -	\$ 135.00	\$ 102.00
2145640	NTS 24C16	16	26	CDC	28-Mar-08	27-Mar-10	0	47.11	\$ -	\$ 135.00	\$ 102.00
2145641	NTS 24C16	16	27	CDC	28-Mar-08	27-Mar-10	0	47.11	\$ -	\$ 135.00	\$ 102.00
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2145644	NTS 24C16	16	30	CDC	28-Mar-08	27-Mar-10	0	47.11	\$ -	\$ 135.00	\$ 102.00
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2145650	NTS 24C16	17	23	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145651	NTS 24C16	17	24	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
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2145654	NTS 24C16	17	27	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145655	NTS 24C16	17	28	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145656	NTS 24C16	17	29	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145657	NTS 24C16	17	30	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145658	NTS 24C16	17	31	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145659	NTS 24C16	17	32	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145660	NTS 24C16	17	33	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145661	NTS 24C16	17	34	CDC	28-Mar-08	27-Mar-10	0	47.1	\$ -	\$ 135.00	\$ 102.00
2145662	NTS 24C16	18	22	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145663	NTS 24C16	18	23	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
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2145665	NTS 24C16	18	25	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145666	NTS 24C16	18	26	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145667	NTS 24C16	18	27	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145668	NTS 24C16	18	28	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145669	NTS 24C16	18	29	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145670	NTS 24C16	18	30	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145671	NTS 24C16	18	31	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145672	NTS 24C16	18	32	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145673	NTS 24C16	18	33	CDC	28-Mar-08	27-Mar-10	0	47.09	\$ -	\$ 135.00	\$ 102.00
2145674	NTS 24C16	19	22	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00
2145675	NTS 24C16	19	23	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00
2145676	NTS 24C16	19	24	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00

Title No	NTS Sheet	Row/Block	Column/Lot	Type of Title	Date of Registration	Expiry Date	Number of Renewals	Area (Ha)	Excess Work	Required Work	Required Fees
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2145679	NTS 24C16	19	27	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00
2145680	NTS 24C16	19	28	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00
2145681	NTS 24C16	19	29	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00
2145682	NTS 24C16	19	30	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00
2145683	NTS 24C16	19	31	CDC	28-Mar-08	27-Mar-10	0	47.08	\$ -	\$ 135.00	\$ 102.00
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2145685	NTS 24C16	20	28	CDC	28-Mar-08	27-Mar-10	0	47.07	\$ -	\$ 135.00	\$ 102.00
2145686	NTS 24C16	20	29	CDC	28-Mar-08	27-Mar-10	0	47.07	\$ -	\$ 135.00	\$ 102.00
2145687	NTS 24C16	20	30	CDC	28-Mar-08	27-Mar-10	0	47.07	\$ -	\$ 135.00	\$ 102.00
2145688	NTS 24C16	21	26	CDC	28-Mar-08	27-Mar-10	0	47.06	\$ -	\$ 135.00	\$ 102.00
2145689	NTS 24C16	21	27	CDC	28-Mar-08	27-Mar-10	0	47.06	\$ -	\$ 135.00	\$ 102.00
2145690	NTS 24C16	21	28	CDC	28-Mar-08	27-Mar-10	0	47.06	\$ -	\$ 135.00	\$ 102.00
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2145692	NTS 24C16	22	27	CDC	28-Mar-08	27-Mar-10	0	47.05	\$ -	\$ 135.00	\$ 102.00
2145693	NTS 24C16	22	28	CDC	28-Mar-08	27-Mar-10	0	47.05	\$ -	\$ 135.00	\$ 102.00
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2145695	NTS 24F01	1	3	CDC	28-Mar-08	27-Mar-10	0	46.96	\$ -	\$ 135.00	\$ 102.00
2145696	NTS 24F01	1	4	CDC	28-Mar-08	27-Mar-10	0	46.96	\$ -	\$ 135.00	\$ 102.00
2145697	NTS 24F01	1	5	CDC	28-Mar-08	27-Mar-10	0	46.96	\$ -	\$ 135.00	\$ 102.00
2145698	NTS 24F01	1	6	CDC	28-Mar-08	27-Mar-10	0	46.96	\$ -	\$ 135.00	\$ 102.00
2145699	NTS 24F01	1	7	CDC	28-Mar-08	27-Mar-10	0	46.96	\$ -	\$ 135.00	\$ 102.00
2145700	NTS 24F01	1	14	CDC	28-Mar-08	27-Mar-10	0	46.96	\$ -	\$ 135.00	\$ 102.00
2145701	NTS 24F01	2	2	CDC	28-Mar-08	27-Mar-10	0	46.94	\$ -	\$ 135.00	\$ 102.00
2145702	NTS 24F01	2	3	CDC	28-Mar-08	27-Mar-10	0	46.95	\$ -	\$ 135.00	\$ 102.00
2145703	NTS 24F01	2	4	CDC	28-Mar-08	27-Mar-10	0	46.95	\$ -	\$ 135.00	\$ 102.00
2145704	NTS 24F01	2	5	CDC	28-Mar-08	27-Mar-10	0	46.95	\$ -	\$ 135.00	\$ 102.00
2145705	NTS 24F01	2	6	CDC	28-Mar-08	27-Mar-10	0	46.95	\$ -	\$ 135.00	\$ 102.00
2145706	NTS 24F01	2	7	CDC	28-Mar-08	27-Mar-10	0	46.95	\$ -	\$ 135.00	\$ 102.00
2145707	NTS 24F01	2	13	CDC	28-Mar-08	27-Mar-10	0	46.95	\$ -	\$ 135.00	\$ 102.00
2145708	NTS 24F01	2	14	CDC	28-Mar-08	27-Mar-10	0	46.95	\$ -	\$ 135.00	\$ 102.00
2145709	NTS 24F01	3	2	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145710	NTS 24F01	3	3	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145711	NTS 24F01	3	4	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145712	NTS 24F01	3	5	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145713	NTS 24F01	3	6	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145714	NTS 24F01	3	7	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145715	NTS 24F01	3	8	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145716	NTS 24F01	3	9	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145717	NTS 24F01	3	12	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145718	NTS 24F01	3	13	CDC	28-Mar-08	27-Mar-10	0	46.93	\$ -	\$ 135.00	\$ 102.00
2145719	NTS 24F01	4	2	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145720	NTS 24F01	4	3	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145721	NTS 24F01	4	4	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00

Title No	NTS Sheet	Row/Block	Column/Lot	Type of Title	Date of Registration	Expiry Date	Number of Renewals	Area (Ha)	Excess Work	Required Work	Required Fees
2145722	NTS 24F01	4	5	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145723	NTS 24F01	4	6	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145724	NTS 24F01	4	7	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145725	NTS 24F01	4	8	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145726	NTS 24F01	4	9	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145727	NTS 24F01	4	10	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00
2145728	NTS 24F01	4	11	CDC	28-Mar-08	27-Mar-10	0	46.92	\$ -	\$ 135.00	\$ 102.00

**APPENDIX 2: ROCK SAMPLE - LITHOLOGICAL DESCRIPTIONS AND LOCATIONS**

Coordinate System NAD83 Z19

Sample	Date	Easting	Northing	Sample length	Sample type	Occurrence	Remarks	CPS (in ground)	CPS (in bag)	Sampler
29801	18-Aug-2007	538161	6311287	Chips	-	Boulder	MG08. Deeply buried carbonatite boulder, light brown to yellowish grey, medium-grained massive, major minerals: calcite, phlogopite, fluorite, pyrochlore, pyrite	1750	210	MG, AK
29802	19-Aug-2007	538166	6311286	Chips	-	Boulder	Carbonatite boulder, yellowish-brown, medium grained. Some purple to dark grey fragments inside (fluorite?), pyrite, phlogopite, calcite. Some black mafic minerals.	1900	250	MG, AK
29803	18-Aug-2007	538184	6311282	Chips	-	Boulder	Carbonatite boulder, yellowish brown to purple, fine-grained, massive. Calcite, fluorite, and pyrite are the main minerals.	1750	240	MG, AK
29805	18-Aug-2007	537835	6310920	Chips	-	Boulder	Carbonatite boulder, brownish grey, fine-grained, massive. Calcite and disseminated pyrite and some silicate fragments.	1400	260	MG, AK
29806	18-Aug-2007	537820	6310996	Chips	-	Boulder	MG11. 20 x 20 m boulder field. Carbonatite boulder, light brown, medium-grained, massive. Calcite, and disseminated pyrite and pyrochlore.	2200	380	MG, AK
29817	19-Aug-2007	538200	6310067	-	Grab	Boulder	Boulder (50 x 30x 20cm, angular). Light grey, fine-grained, massive. Accessory minerals: very fine pyrite and pyrochlore.	1650	270	MG, AK
29818	20-Aug-2007	535780	6312381	20 cm	Grab	Boulder	Carbonatite boulder (30 x 20 cm). Light grey to dark grey, medium-grained, banded. Dark bands have more biotite with pyrite and some pyrochlore.	1200	450	MG, SM, AK
29821	20-Aug-2007	535817	6312642	20 cm	Grab	Boulder	Carbonatite boulder, pinkish white to grey, coarse-grained. Major minerals are calcite. They are pinkish white. Some dark grey minerals are magnetites.	6000	460	MG, SM, AK
29822	20-Aug-2007	535824	6312646	50 cm	Chips	Boulder	Boulders in till. Homogenous, steel blue colour, weathered surface red-brown. Fine-grained magnetite, calcite, pyrite, biotite. Silicocarbonatite.	10000	830	SM, AK
29824	20-Aug-2007	535746	6312630	-	-	Boulder	Boulder, pinkish brown to grey, medium-grained, banded. Dark part has more magnetites, biotite. Pinkish are calcite, few pyrochlore and pyrite.	-	400	MG, SM, AK
29825	20-Aug-2007	535767	6312642	20 cm	Grab	Boulder	Carbonatite boulder (30 x 20 x 20 cm, sub-rounded). Yellowish brown to light grey coarse-grained to medium-grained. Calcite, magnetite, few pyrite, pyrochlore, magnetite in a 0.6 cm band.	4500	420	MG, SM, AK
29980	21-Aug-2007	535696	6312706	-	-	Boulder	Glimmerite and carbonatite boulder. Glimmerite is dark grey, fine to coarse grained. Biotite, quartz, calcite. Cut by some small calcite veins. Carbonatite is yellowish grey to ash grey. Disseminated pyrite (1 mm).	2300	210	MG, AK
29982	21-Aug-2007	535637	6312687	-	Grab	Boulder	Carbonatite boulder, light grey, medium-grained. Some disseminated pyrite, pyrochlore, no magnetite.	5000	230	MG, AK

Sample	Date	Easting	Northing	Sample length	Sample type	Occurrence	Remarks	CPS (in ground)	CPS (in bag)	Sampler
29983	21-Aug-2007	535564	6312626	-	Grab	Boulder	Carbonatite boulder (5 x 30 cm, sub-rounded to sub-angular). Yellowish grey, medium-grained. Disseminated pyrite, few small pyrochlore.	3000	280	MG, AK
29986	22-Aug-2007	536033	6312340	20 cm	Grab	Boulder	Carbonatite boulder clusters (angular, upto 0.5 x 1 m), light grey, medium grained. Few disseminated pyrite, upto 2mm, some purple fluorite, pyrochlore (?). Sample radioactivity is not the highest.	1500	220	MG, AK
29987	22-Aug-2007	536038	6312352	-	Grab	Boulder	Carbonatite boulder, about 40 m north of 29986, light grey to dark grey, massive to banded. Abundant fluorite in bands (0.5 cm) or clusters, disseminated pyrite.	2000	360	MG, AK
29988	22-Aug-2007	536025	6312452	30 cm	Grab	Boulder	Carbonatite boulder, yellowish grey to grey, medium-grained, banded. Magnetite, pyrite and some purple fine-grained minerals occur in bands. Radioactivity continuously above 500 from 29986.	2400	-	MG, AK
29989	22-Aug-2007	536018	6312477	30 cm	-	Boulder	Carbonatite boulder (50 x ?, angular), several fine-grained, yellowish veins (1-2 cm) in a grey, fine-grained rock. Visible minerals: disseminated pyrite, garnet (?), magnetite and fluorite. 40 x 20 m area of over 1000 cps, boulder clusters	3200	-	MG, AK
29990	22-Aug-2007	536032	6312650	20 cm	Grab	Boulder	Carbonatite boulder, grey in colour, coarse grained, massive. Calcite + magnetite > 90%, biotite, melanite (?), pyrochlore, magnetite upto 5 mm, pyrochlore 1-2 mm. Yellowish green.	3400	-	MG, AK
29991	22-Aug-2007	536046	6312710	20 cm	-	Boulder	Carbonatite boulder (angular), grey, fine-grained. Cannot recognise any minerals, but rock is magnetic.	2600	200	MG, AK
29993	23-Aug-2007	538727	6305106	20 cm	-	Boulder	Carbonatite boulder (0.5 x 1 m, angular), grey, fine-grained, with some sub-rounded inclusions (upto 10 cm). Some cubic pyrite, some pyrite clusters (1-2 mm), other black minerals (amphibole?).	-	-	MG, SM
29994	23-Aug-2007	538732	6305108	Chips	-	Boulder	Dacite boulder (30 x 40 cm), grey, medium-grained, massive. Quartz, pyrosene, some pyrite.	-	-	MG, SM
29997	23-Aug-2007	539014	6305298	-	-	Boulder	Boulder of pure ferro-mineral (specularite?), reddish grey, fine-grained.	-	-	MG, SM
29998	23-Aug-2007	539019	6305393	-	Grab	Boulder	Magnetite boulder (? , 1.5 x 0.5 m), dark grey to reddish brown, medium-grained, metal bands are fine-grained. Slate-like ferro-mineral found on the surface.	-	-	MG, SM
29999	23-Aug-2007	538995	6305402	-	-	Boulder	Like 29998, but more reddish brown bands.	-	-	MG, SM
39054	24-Aug-2007	535618	6313956	15 cm	-	Boulder	Carbonatite boulder (sub-angular), yellowish grey to purple, fine-grained, banded. Disseminate pyrite, banded fluorite. 20 m south of 28936 soil.	900	-	MG
39060	27-Aug-2007	536227	6316577	50 cm	Composite chips	Boulder	Carbonatite and basalt boulder (0.5 x 0.4 m). Carbonatite is fine-grained with disseminated pyrite. Basalt is dark grey, medium-grained with magnetite.	-	-	MG

Sample	Date	Easting	Northing	Sample length	Sample type	Occurrence	Remarks	CPS (in ground)	CPS (in bag)	Sampler
39062	27-Aug-2007	535249	6315365	15 cm	-	Boulder	Carbonatite boulder cluster (~80 cm, sub-rounded boulders), light grey. Few cubes or clusters of pyrite (~2 mm), hematite. Boulder train direction about 050, ~1/5th of boulders are mineralized.	2000	-	MG
39063	27-Aug-2007	535153	6314270	20 cm	-	Boulder	Carbonatite boulder (20 x 50 cm, angular), dark grey, medium-grained. Visible minerals: massive calcite, magnetite, pyrite, albite. Area of radioactivity above 500 is open to south.	800	-	MG
39064	27-Aug-2007	534918	6313377	20 cm	-	Boulder	medium-grained, massive, yellowish grey. Only dark mineral is pyrochlore (<1 mm, brown to black).	2900	-	MG
39066	28-Aug-2007	538279	6311268	20 cm	Chips	Boulder	Carbonatite boulder (angular), grey to yellowish brown, medium-grained, massive to banded. Fluorite veins, pyrite, some biotite, disseminated pyrite.	-	-	MG
29808	19-Aug-2007	537772	6310827	30 cm	Grab	Outcrop	Carbonatite outcrop beside saw cut. Yellowish dark grey, fine-grained, massive. Calcite, disseminated pyrite, and fine pyrochlore.	5000	300	MG, AK
29809	19-Aug-2007	537815	6310799	15 cm	Grab	Outcrop	Trench 2 historic sample location (EKR-3). Carbonatite, yellowish grey, fine-grained, massive to banded. Some disseminated pyrite and pyrochlore, along the saw cut.	400	280	MG, AK
29810	19-Aug-2007	537852	6310775	30 cm	Grab	Outcrop	Trench 1 historic sample location (EKR-8-3). Weathered carbonatite, yellowish brown, soft, medium-grained. Accessory minerals: pyrochlore.	5600	700	MG, AK
29811	19-Aug-2007	537852	6310775	30 cm	Grab	Outcrop	Like 29810, but not weathered that much. Light grey, medium grained, massive to banded. More pyrochlore.	7800	510	MG, AK
29812	19-Aug-2007	537300	6310136	20 cm	Grab	Outcrop	Trench 4 historic sample location (EKR-21-2). Grey, fine-grained, massive. Many disseminated pyrite, some fine pyrochlore.	7200	510	MG, AK
29813	19-Aug-2007	537301	6310134	20 cm	Grab	Outcrop	1.5 m southeast of EKR-23. Yellowish brown, medium-grained, massive. Pyrite, pyrochlore (brownish black, square shaped, 1mm) are major visible accessory minerals. Some magnetite.	7200	660	MG, AK
29814	19-Aug-2007	537299	6310135	20 cm	Grab	Outcrop	South end of EKR-23. Brownish grey medium grained. Surface oxidized to brown. Accessory minerals: pyrite, pyrochlore, magnetite.	4700	1100	MG, AK
29820	20-Aug-2007	535758	6312586	10 cm	Grab	Outcrop	Same as 29819. Carbonatite outcrop, yellowish grey, medium-grained. Abundant magnetite, few pyrite. Area with cps above 500 is about 50 x 20. Anomaly still open to both sides. Need to come back.	6200	560	MG, SM, AK
29976	20-Aug-2007	535805	6312137	-	Composite chips	Outcrop	Virginia sample = 42751. Glimmerite trench. Samples taken over 1.5 x 2 m area. Black to brown, coarse-grained. Biotite, calcite, pyrochlore.	15000	1040	MG, AK

Sample	Date	Easting	Northing	Sample length	Sample type	Occurrence	Remarks	CPS (in ground)	CPS (in bag)	Sampler
29978	21-Aug-2007	535805	6312141	30 cm	Grab	Outcrop	Schist outcrop, about 30 cm away from a carbonatite dike, fine-grained to medium-grained with some carbonatite veinlets. Biotite, calcite. 2m away from carbonatite, cps drops to 600.	-	450	MG, AK
29996	23-Aug-2007	538959	6305294	Chips	Grab	Outcrop	Gabbro outcrop (on top of a hill), yellowish grey to grey, fine grained, massive, some with foliation more like a basalt. Few disseminated pyrite.	-	-	MG, SM
30000	23-Aug-2007	538998	6305571	-	Grab	Outcrop	Gabbro outcrop, grey, massive. Some disseminated pyrite (<1 mm), another sulfide (pinkish brown, about 1 mm).	-	-	MG, SM
39051	24-Aug-2007	535754	6313889	-	-	Outcrop	MG44. Outcrop: 4m wide carbonatite dike (fine grained, with foliation) in dark grey metavolcanic country rock. Carbonatite contains some country rock fragments, and country rock has some calcite. Outcrop trends 070-250. Few disseminated pyrite.	400	-	MG
39052	24-Aug-2007	535740	6313886	20 cm	Grab	Outcrop	Glimmerite outcrop, brownish black, coarse-grained, banded with foliation. Biotite, calcite, few pyrite. Assay 1: Total = 414, K = 0, U = 297.6 ppm, Th = 709.6 ppm; Assay 2: Total = 762, K = 2.1 %, U = 602.4 ppm, Th = 956 ppm.	9000	-	MG
39053	24-Aug-2007	535694	6313890	20 cm	Grab	Outcrop	Carbonatite outcrop, yellowish grey, fine-grained. Some pyrite clusters. Sample collected in the centre of carbonatite dike (?) from 39051. Carbonatite outcrops can be seen along small cliff.	500	-	MG
39056	24-Aug-2007	535409	6314783	20 cm	Grab	Outcrop	Dacite (?) outcrop, light grey, fine to medium-grained. 0.5% malachite (?) in strips or is disseminated, disseminated pyrite.	150	-	MG
39057	25-Aug-2007	536140	6308051	20 cm	-	Outcrop	MG47. Gabbro outcrop, grey, massive, fine-grained. Few disseminated pyrite (<1 mm), and pinkish brown metal mineral (~1 mm), and pyroxene.	-	-	MG
29804	18-Aug-2007	538041	6310973	Chips	-	Unknown	Carbonatite (boulder?), yellowish grey, medium-grained, massive. Major minerals: calcite, apatite, pyrite, pyrochlore. Rock weathered soft.	2900	2200	MG, AK
29807	18-Aug-2007	537758	6310626	Chips	-	Unknown	MG14. Outcrop (?) light brown to grey, medium grained, massive. Calcite, pyrochlore, and pyrite. Pyrochlore <1 mm black square.	2400	310	MG, AK
29815	19-Aug-2007	538019	6309909	30 cm	Grab	Unknown	MG18. Yellowish grey, fine-grained, massive. Accessory minerals: pyrochlore, pyrite, phlogopite (very few).	3200	200	MG, AK
29819	20-Aug-2007	535758	6312586	20 cm	Grab	Unknown	Carbonatite, dark grey, fine-grained, some magnetite, but less than 29820.	4400	260	MG, SM, AK
29977	21-Aug-2007	535792	6312138	20 cm	Grab	Unknown	foliation. There is a sharp contact with carbonatite vein. Carbonatite vein is 6 cm. Schist also contains carbonatite fragments. Hematite.	1600	150	MG, AK
29979	21-Aug-2007	535805	6312141	30 cm	Grab	Unknown	Schist with carbonatite veinlets mixed dark grey to light brown. Carbonatite veins 3 mm to 1 cm, irregular. Schist recrystallized to coarse-grained. Abundant biotite mixed with calcite.	5000	740	MG, AK



Sample	Date	Easting	Northing	Sample length	Sample type	Occurrence	Remarks	CPS (in ground)	CPS (in bag)	Sampler
29984	21-Aug-2007	535101	6312675	20 cm	Grab	Unknown	Carbonatite boulder (?), yellowish grey, fine-grained, massive. Accessory minerals: disseminated pyrite (<1 mm), and banded pyrite (few), some dark square minerals (pyrochlore/columbite, 1mm).	-	300	MG, AK
29985	21-Aug-2007	534998	6312467	-	Grab	Unknown	Carbonatite, yellowish grey, oxidized to orange-brown, medium-grained, massive with some dark bands. Few tiny disseminated pyrite (<1 mm)	1300	150	MG, AK
29992	22-Aug-2007	536052	6312780	-	-	Unknown	Carbonatite boulder (?), dark grey, fine to medium-grained. Visible minerals: pyrite (generally <1 mm, but one cluster is 0.5 cm), fluorite veins (0.3-0.5 cm wide, purple), magnetite.	2600	-	MG, AK
29995	23-Aug-2007	538919	6305347	20 cm	-	Unknown	Metavolcanic rock (tuff?), dark grey, fine-grained, banded. Abundant fine-grained sulphides (<1 mm) in bands (20%).	110	-	MG, SM
39058	25-Aug-2007	536118	6308055	20 cm	-	Unknown	Gossan, orange brown oxidized with mineral dissolved holes; coarse-grained to medium-grained. Some limonite gossan, occurs in oxidized schist. About 10 m thick, over several hundred long.	-	-	MG
39061	27-Aug-2007	535872	6315919	10 cm	-	Unknown	Carbonatite breccia, brown, oxidized matrix. Matrix is magnetite or hematite, clasts are calcite. Some cubic pyrite upto 3 cm.	1200	-	MG

**APPENDIX 3**

**ROCK SAMPLE – ANALYTICAL CERTIFICATES**



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ACME ANALYTICAL LABORATORIES LTD.

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Client: **Dahrouge Geological Consulting**

18 - 10509 - 81 Ave  
Edmonton AB T6E 1T7 Canada

Submitted By: Jody Dahrouge  
Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.  
Received: September 10, 2007  
Report Date: February 04, 2008  
Page: 1 of 3

## CERTIFICATE OF ANALYSIS

VAN07001402.2

### CLIENT JOB INFORMATION

Project: 20007  
Shipment ID:  
P.O. Number  
Number of Samples: 60

### SAMPLE DISPOSAL

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	60	Crush, split and pulverize rock to 150 mesh		
4A&4B	60	Whole Rock Analysis Majors and Trace Elements	0.2	Completed
3BMS	60	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed

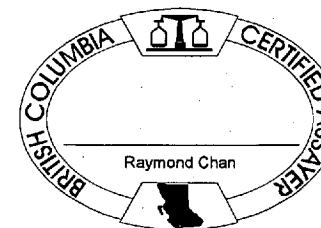
### ADDITIONAL COMMENTS

Version 2 to include Au, Pt and Pd by 3B-MS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Dahrouge Geological Consulting  
18 - 10509 - 81 Ave  
Edmonton AB T6E 1T7  
Canada

CC: Stephanie McRae



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.









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Project: 20007

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## CERTIFICATE OF ANALYSIS

VAN07001402.2

Method	Analyte	1DX	1DX	3BMS	3BMS	3BMS
		TI	Se	Au	Pt	Pd
Unit		ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	1	0.1	0.5
29801	Rock	0.5	2.6	2	<0.1	<0.5
29802	Rock	<0.1	2.3	<1	<0.1	<0.5
29803	Rock	0.1	1.5	<1	<0.1	0.7
29804	Rock	0.4	3.3	<1	<0.1	<0.5
29805	Rock	0.1	2.3	<1	<0.1	<0.5
29806	Rock	<0.1	3.1	<1	<0.1	<0.5
29807	Rock	<0.1	2.4	<1	<0.1	<0.5
29808	Rock	<0.1	1.2	<1	<0.1	<0.5
29809	Rock	<0.1	3.4	<1	<0.1	<0.5
29810	Rock	0.2	<0.5	<1	0.1	<0.5
29811	Rock	0.2	<0.5	<1	<0.1	<0.5
29812	Rock	<0.1	<0.5	2	<0.1	<0.5
29813	Rock	<0.1	<0.5	2	<0.1	<0.5
29814	Rock	<0.1	<0.5	<1	<0.1	<0.5
29815	Rock	<0.1	<0.5	<1	<0.1	<0.5
29817	Rock	<0.1	<0.5	1	<0.1	<0.5
29818	Rock	0.5	<0.5	65	<0.1	<0.5
29819	Rock	<0.1	<0.5	<1	<0.1	<0.5
29820	Rock	5.8	<0.5	<1	<0.1	<0.5
29821	Rock	0.7	<0.5	<1	<0.1	<0.5
29822	Rock	2.9	<0.5	<1	<0.1	<0.5
29824	Rock	2.8	<0.5	<1	<0.1	<0.5
29825	Rock	<0.1	<0.5	<1	<0.1	<0.5
29976	Rock	0.8	<0.5	<1	0.1	1.4
29977	Rock	1.2	<0.5	<1	<0.1	<0.5
29978	Rock	1.4	<0.5	<1	0.1	<0.5
29979	Rock	1.0	<0.5	<1	0.2	<0.5
29980	Rock	3.7	<0.5	<1	<0.1	<0.5
29982	Rock	0.3	<0.5	<1	<0.1	<0.5
29983	Rock	0.2	<0.5	<1	<0.1	<0.5

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February 04, 2008

Page:

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# CERTIFICATE OF ANALYSIS

VAN07001402.2

Method	Analyte	Unit	MDL	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B		
				Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
29984	Rock			1.9	2498	2.1	5	1764	122.3	451.5	121.6	66	3.6	96.6	195.3	444.5	878.1	107.1	387.0	69.29	22.51	59.51	9.58
29985	Rock			0.4	99.3	3.1	3	998.3	1.1	561.1	0.8	119	3.5	40.0	100.1	872.7	3602	626.7	2495	279.4	54.60	85.98	7.89
29986	Rock			0.6	596.2	3.5	21	2655	1.5	495.9	1.3	72	3.0	42.4	404.2	2769	5502	603.4	2082	270.1	73.10	193.9	21.81
29987	Rock			0.7	750.0	2.4	47	1922	1.0	924.4	0.6	67	3.6	53.7	529.1	3789	8117	871.0	2917	437.4	109.9	188.9	29.48
29988	Rock			0.6	1369	1.9	45	1205	0.3	1436	1.0	161	4.0	50.4	531.7	1446	4238	690.0	2885	397.2	96.72	207.8	28.39
29989	Rock			0.5	3098	4.0	98	1610	0.6	1335	0.6	132	13.6	34.2	673.8	1879	5101	767.9	2971	418.6	109.6	254.6	35.12
29990	Rock			9.9	10074	42.9	29	3216	628.2	973.9	450.0	756	1.9	837.1	80.0	337.1	1062	134.9	509.7	73.44	18.83	36.42	5.64
29991	Rock			0.1	142.2	<0.1	17	1471	0.2	1587	0.6	81	2.0	29.0	951.2	1624	4022	590.9	2414	384.8	100.8	234.8	42.53
29992	Rock			0.1	987.0	1.2	70	1331	0.2	1091	0.3	128	5.9	30.9	454.5	2195	3914	581.6	2237	404.8	109.4	201.9	27.20
29993	Rock			9.4	73.4	49.6	3	543.0	3.8	7.4	1.4	153	1.4	355.7	54.1	69.3	148.8	19.27	80.7	14.53	4.42	12.75	2.04
29994	Rock			7.5	61.5	34.5	3	263.9	3.1	14.4	1.0	116	0.9	275.4	44.0	64.2	138.5	18.22	71.5	14.03	3.94	10.94	1.76
29995	Rock			2.7	26.2	30.0	4	51.7	1.9	6.4	16.9	247	<0.5	111.3	10.6	14.9	29.7	4.02	14.7	2.81	0.82	2.02	0.37
29996	Rock			1.8	48.8	0.8	<1	551.0	1.5	4.2	1.4	272	0.6	70.6	25.6	23.9	50.0	6.37	24.9	5.00	1.69	4.63	0.82
29997	Rock			25.4	14.0	4.0	4	13.6	0.2	<0.2	0.3	35	3.6	1339	25.0	15.7	27.3	3.06	13.4	2.33	0.61	2.85	0.47
29998	Rock			0.2	4.6	2.7	<1	9.6	0.4	0.9	0.2	29	3.1	9.4	9.0	3.6	7.3	0.80	5.0	1.08	0.44	1.28	0.23
29999	Rock			<0.1	<0.1	1.5	<1	21.0	<0.1	<0.2	0.1	15	2.5	8.3	9.9	17.3	29.9	3.12	12.7	1.91	0.54	1.56	0.24
30000	Rock			4.5	116.7	4.9	2	1528	5.6	10.5	2.1	116	1.3	203.5	28.1	81.4	150.6	16.92	57.6	8.59	3.05	5.96	1.07
39051	Rock			0.7	459.9	67.3	2	1597	9.6	55.4	10.5	72	2.2	53.8	110.5	267.9	533.9	66.65	238.3	42.65	14.16	34.13	5.59
39052	Rock			19.5	>50000	178.5	74	2413	1269	1869	934.6	51	109.5	466.1	38.7	581.5	1283	141.6	445.8	50.19	11.89	12.95	2.86
39053	Rock			0.5	56.3	2.0	<1	1365	0.4	114.1	0.7	29	1.0	51.3	95.3	1639	3709	509.4	1886	229.3	53.00	83.41	10.49
39054	Rock			0.4	1538	0.5	423	2649	1.9	1458	1.5	136	20.5	35.6	675.9	3216	8573	1156	4302	580.5	162.1	297.8	45.95
39056	Rock			0.7	42.6	29.5	<1	351.5	0.3	8.3	0.4	55	5.8	31.9	13.7	18.2	33.2	3.18	18.4	2.92	0.91	2.72	0.47
39057	Rock			3.4	108.8	1.8	6	298.0	1.9	21.3	0.9	326	1.0	115.2	38.7	73.9	162.5	21.37	82.0	12.78	3.66	9.23	1.53
39058	Rock			2.2	47.0	47.2	3	16.4	1.9	3.9	7.4	376	0.8	111.3	5.5	3.0	5.6	0.73	2.4	0.98	0.35	1.02	0.21
39060	Rock			1.2	275.8	59.8	6	483.5	0.8	149.1	0.7	105	7.2	41.8	19.3	2301	3217	353.6	928.6	75.62	15.82	4.11	2.21
39061	Rock			0.3	4907	20.2	10	1957	0.6	34.7	0.9	81	5.1	19.0	59.5	1088	2364	308.8	1077	136.3	34.49	48.77	6.37
39062	Rock			<0.1	1080	5.6	39	1474	0.4	1364	0.2	73	7.0	15.3	743.9	4114	7629	806.0	2729	470.4	135.7	288.4	45.34
39063	Rock			0.2	44.0	11.5	7	966.5	2.5	610.0	2.1	60	<0.5	38.7	132.0	9372	21908	2216	7092	641.4	123.2	283.8	11.45
39064	Rock			5.1	1917	2.5	6	1914	213.2	224.3	411.4	38	2.2	322.0	182.7	375.9	732.8	92.96	354.7	58.52	18.89	44.04	7.46
39066	Rock			2.1	2128	8.2	4	2450	75.9	402.2	74.0	113	3.6	162.7	143.7	824.5	1858	242.9	858.2	115.0	31.00	56.48	8.66

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Part 3

CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A C/S	2A C/S	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
			Dy	Ho	Er	Tm	Yb	Lu	C/TOT	S/TOT	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm
29984	Rock		44.84	7.76	16.95	2.25	12.12	1.59	10.26	0.32	39.5	7.7	412.7	825	20.8	8.5	2.3	1.2	1.4	0.4	75.6	0.17
29985	Rock		28.31	3.04	3.42	0.95	5.16	0.66	9.29	0.18	161.6	1.4	173.3	1611	34.8	4.0	0.6	0.2	3.1	<0.1	9.8	0.22
29986	Rock		98.00	14.28	29.36	3.72	19.40	2.26	10.75	0.65	22.5	1.7	481.9	1285	1.3	10.8	2.7	0.3	4.4	<0.1	106.3	0.20
29987	Rock		126.0	18.65	38.15	5.07	26.68	3.33	9.37	0.19	11.1	3.0	761.3	1700	0.8	10.6	5.1	0.1	6.5	0.3	79.0	0.32
29988	Rock		124.9	18.11	33.56	4.46	21.94	2.64	6.99	0.29	7.2	1.4	1485	2008	<0.1	10.8	0.9	0.3	20.1	0.2	161.3	0.33
29989	Rock		159.7	24.31	45.65	5.95	28.13	3.45	9.37	0.34	12.8	2.4	1385	2966	0.5	10.0	3.6	0.4	14.9	<0.1	273.7	0.57
29990	Rock		23.37	3.36	6.87	0.94	4.74	0.64	4.87	0.05	0.5	0.9	155.5	268	1.8	4.2	0.2	<0.1	0.5	<0.1	44.3	0.03
29991	Rock		219.5	36.05	63.46	7.36	34.69	4.36	10.63	0.10	6.4	1.2	688.3	1085	0.5	6.9	0.6	0.2	4.8	0.2	33.4	0.13
29992	Rock		107.6	14.70	26.44	3.41	18.12	2.06	10.35	0.30	1.1	2.1	413.4	875	0.3	10.0	0.9	0.3	6.8	2.1	110.9	0.10
29993	Rock		9.85	1.90	4.96	0.72	4.18	0.59	0.08	0.61	2.1	157.0	60.4	157	19.9	6.5	0.1	0.1	<0.1	0.1	<0.5	0.02
29994	Rock		8.12	1.55	3.86	0.57	3.33	0.46	0.89	0.10	1.0	82.4	10.6	125	14.9	1.2	0.1	<0.1	<0.1	<0.1	2.5	<0.01
29995	Rock		2.09	0.41	1.26	0.21	1.29	0.22	0.08	16.28	40.7	429.8	6.9	930	376.1	<0.5	5.2	<0.1	0.2	0.5	5.1	0.25
29996	Rock		4.13	0.90	2.49	0.37	2.21	0.32	0.67	<0.02	0.3	44.0	1.6	43	63.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01
29997	Rock		3.33	0.73	2.18	0.35	1.98	0.28	0.12	0.13	1.1	4.8	3.7	10	3.3	14.1	<0.1	<0.1	<0.1	0.2	0.8	0.01
29998	Rock		1.58	0.34	0.92	0.16	0.74	0.10	0.11	<0.02	0.5	2.6	1.3	5	1.6	20.3	<0.1	0.2	<0.1	<0.1	1.1	<0.01
29999	Rock		1.31	0.30	0.89	0.15	0.80	0.10	0.71	0.06	2.0	3.6	3.0	9	3.2	10.9	<0.1	0.2	<0.1	<0.1	0.9	0.01
30000	Rock		5.04	0.94	2.69	0.41	2.44	0.39	0.10	0.76	1.4	233.6	2.2	38	11.7	0.6	<0.1	<0.1	<0.1	<0.1	2.2	<0.01
39051	Rock		24.25	3.99	8.95	1.17	6.35	0.83	8.49	0.32	113.8	52.6	60.7	186	57.5	4.1	0.9	0.2	0.2	0.9	21.5	0.03
39052	Rock		10.81	1.34	2.68	0.42	2.39	0.31	1.07	<0.02	6.0	2.9	52.5	197	32.5	<0.5	0.1	0.7	0.9	1.5	114.5	<0.01
39053	Rock		34.16	3.68	6.57	0.92	4.76	0.57	12.06	0.07	11.6	1.3	67.1	98	7.8	1.3	2.4	<0.1	0.1	<0.1	<0.5	<0.01
39054	Rock		181.7	23.81	40.89	5.16	26.14	3.22	7.91	0.20	4.5	2.0	474.0	2605	1.9	16.5	4.7	0.3	6.2	3.0	165.0	0.53
39056	Rock		2.46	0.53	1.63	0.25	1.52	0.23	10.63	<0.02	2.9	4.8	7.4	23	20.3	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01
39057	Rock		7.13	1.40	3.44	0.49	2.98	0.43	0.12	1.00	0.5	141.3	11.3	88	31.4	<0.5	<0.1	<0.1	<0.1	<0.1	1.6	<0.01
39058	Rock		1.01	0.20	0.53	0.09	0.60	0.11	1.73	1.58	64.6	134.6	196.7	42	0.6	125.5	<0.1	2.7	1.4	2.1	21.9	0.11
39060	Rock		5.46	0.38	0.87	0.17	1.31	0.18	5.80	0.38	126.6	47.5	24.7	1651	20.4	2.9	3.5	0.2	0.2	0.2	3.5	0.37
39061	Rock		20.00	1.92	3.44	0.52	3.28	0.41	10.01	0.76	1.1	6.4	13.4	93	2.4	18.7	1.1	0.1	0.1	0.3	4.0	0.01
39062	Rock		202.1	30.64	58.02	6.92	31.61	3.52	9.37	1.44	3.5	11.4	785.6	1574	<0.1	14.3	6.9	0.5	4.4	3.8	232.0	0.18
39063	Rock		31.82	1.65	3.22	1.13	9.02	0.95	7.69	0.96	294.4	8.4	863.1	>10000	46.2	23.8	24.2	0.6	13.9	2.0	71.5	2.74
39064	Rock		35.88	6.67	16.12	2.16	11.50	1.45	10.25	0.14	15.2	3.1	24.1	507	18.1	6.9	4.9	0.9	<0.1	1.9	98.0	<0.01
39066	Rock		34.56	5.23	11.05	1.50	7.98	1.00	9.98	0.25	7.0	16.2	28.0	130	9.9	3.6	0.5	0.3	0.3	1.0	65.5	0.05

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Project: 20007  
 Report Date: February 04, 2008

Page: 3 of 3 Part 4

**CERTIFICATE OF ANALYSIS**

**VAN07001402.2**

Method	Analyte	1DX	1DX	3BMS	3BMS	3BMS
		Tl	Se	Au	Pt	Pd
Unit		ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	1	0.1	0.5
29984	Rock	0.2	<0.5	3	<0.1	<0.5
29985	Rock	0.1	<0.5	8	<0.1	<0.5
29986	Rock	0.5	<0.5	7	<0.1	<0.5
29987	Rock	0.4	<0.5	6	5.3	3.3
29988	Rock	0.6	<0.5	21	<0.1	<0.5
29989	Rock	0.5	<0.5	25	<0.1	<0.5
29990	Rock	0.2	<0.5	<1	<0.1	<0.5
29991	Rock	0.2	<0.5	4	<0.1	<0.5
29992	Rock	0.2	2.3	7	<0.1	<0.5
29993	Rock	0.1	0.8	9	<0.1	<0.5
29994	Rock	<0.1	<0.5	1	<0.1	<0.5
29995	Rock	0.7	11.6	7	2.3	5.9
29996	Rock	<0.1	<0.5	1	4.3	3.8
29997	Rock	<0.1	<0.5	<1	0.5	0.7
29998	Rock	<0.1	<0.5	<1	<0.1	<0.5
29999	Rock	<0.1	<0.5	<1	0.4	<0.5
30000	Rock	<0.1	1.4	<1	<0.1	<0.5
39051	Rock	0.3	1.3	<1	0.5	<0.5
39052	Rock	0.4	<0.5	<1	<0.1	<0.5
39053	Rock	<0.1	1.1	11	<0.1	<0.5
39054	Rock	0.2	2.8	6	<0.1	0.5
39056	Rock	<0.1	<0.5	<1	0.2	<0.5
39057	Rock	<0.1	0.8	<1	<0.1	<0.5
39058	Rock	0.5	7.6	36	4.5	9.3
39060	Rock	1.3	<0.5	1	0.2	<0.5
39061	Rock	0.4	0.9	3	0.1	0.7
39062	Rock	0.4	5.4	11	0.1	0.5
39063	Rock	0.6	0.7	16	0.2	0.7
39064	Rock	0.2	1.6	1	0.1	<0.5
39066	Rock	0.4	1.4	<1	<0.1	<0.5

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QUALITY CONTROL REPORT

VAN07001402.2

Method	Analyte	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga
Unit		%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	0.1	0.01	1	1	0.2	0.1	0.5	
29804	Rock	1.47	0.40	6.54	10.40	36.82	0.14	0.24	0.39	14.24	0.34	0.003	<20	32	26.6	97.64	42	10	30.2	<0.1	<0.5
29817	Rock	1.83	0.48	7.82	12.11	33.49	0.08	0.42	0.02	10.15	0.46	0.011	34	13	31.5	98.43	551	4	14.8	<0.1	0.8
39061	Rock	2.66	0.65	23.08	13.11	20.64	0.01	0.60	1.00	1.456	1.26	0.012	<20	19	33.0	97.52	171	3	41.3	0.3	2.0
Pulp Duplicates																					
29801	Rock	0.84	0.24	5.61	13.28	35.25	0.05	0.19	0.04	9.270	0.35	0.002	<20	15	33.0	98.08	472	22	15.3	0.1	<0.5
REP 29801	QC																				
29806	Rock	1.37	0.35	5.73	10.60	36.98	0.20	0.11	0.09	14.66	0.41	<0.002	<20	19	27.6	98.09	77	53	10.9	<0.1	1.6
REP 29806	QC	1.38	0.36	5.74	10.42	37.10	0.19	0.11	0.09	14.54	0.40	<0.002	<20	19	27.6	97.95	77	43	10.5	<0.1	<0.5
29977	Rock	35.64	8.51	10.82	20.71	5.29	0.42	8.47	0.24	0.112	0.22	0.022	22	12	8.7	99.14	690	45	14.9	7.6	25.9
REP 29977	QC																				
29979	Rock	27.45	6.99	7.18	18.75	12.80	0.10	6.77	0.15	2.068	0.27	0.006	<20	13	16.1	98.61	1069	33	10.5	4.5	20.5
REP 29979	QC	27.27	7.02	7.17	18.83	13.02	0.10	6.88	0.15	2.096	0.27	0.005	<20	13	16.1	98.89	1042	31	10.5	4.5	20.7
29989	Rock	0.88	0.08	21.40	10.57	26.39	0.01	0.17	1.19	1.241	2.32	0.015	48	67	30.9	95.17	263	13	15.4	<0.1	<0.5
REP 29989	QC																				
29993	Rock	48.91	12.60	14.80	3.67	7.09	2.81	1.70	3.36	0.923	0.20	0.004	<20	19	3.5	99.56	568	3	60.4	1.9	25.8
REP 29993	QC																				
30000	Rock	46.80	17.24	11.32	4.11	10.12	4.22	0.16	1.94	0.602	0.15	0.003	<20	9	2.9	99.58	104	2	32.1	0.2	21.9
REP 30000	QC																				
39060	Rock	29.36	7.62	12.55	6.83	13.29	0.15	6.53	0.49	0.320	1.08	0.008	22	18	20.2	98.39	405	3	22.9	0.3	14.0
REP 39060	QC																				
Reference Materials																					
STD CSC	Standard																				
STD CSC	Standard																				
STD CSC	Standard																				
STD CSC	Standard																				
STD DS7	Standard																				
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**Project:** 20007

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**Page:** 1 of 3 Part 2

**QUALITY CONTROL REPORT**

**VAN07001402.2**

Method	Analyte	Unit	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	
			Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
29804	Rock		4.1	4000	2.0	23	1717	119.0	815.4	103.7	269	9.7	243.9	155.8	1002	2429	311.7	1133	152.9	38.72	75.35	11.11
29817	Rock		2.3	1121	3.0	1	2604	50.2	780.8	65.8	38	3.4	106.2	1009	254.6	658.0	102.5	493.4	183.3	77.78	280.0	50.02
39061	Rock		0.3	4907	20.2	10	1957	0.6	34.7	0.9	81	5.1	19.0	59.5	1088	2364	308.8	1077	136.3	34.49	48.77	6.37
Pulp Duplicates																						
29801	Rock		4.1	2893	3.4	5	1933	97.6	453.5	97.2	87	6.8	236.3	132.4	645.9	1572	195.4	712.1	94.01	23.71	47.92	7.37
REP 29801	QC																					
29806	Rock		3.7	4345	1.1	9	1744	136.1	766.8	124.3	105	7.6	368.6	178.3	894.1	2288	289.2	1063	144.8	38.07	77.40	11.20
REP 29806	QC		3.6	3621	1.0	9	1730	130.2	766.0	124.1	105	7.7	380.9	174.5	910.6	2344	294.5	1078	146.0	38.28	78.77	11.27
29977	Rock		36.1	834.8	261.5	4	704.7	50.9	29.2	46.5	54	0.9	2049	8.1	34.4	63.8	6.89	20.5	2.74	0.75	1.38	0.28
REP 29977	QC																					
29979	Rock		5.3	3810	199.8	7	1484	378.6	104.1	521.1	58	2.3	273.5	31.2	129.8	277.5	36.43	140.4	24.67	6.22	13.73	1.75
REP 29979	QC		5.8	3068	191.3	7	1466	381.9	100.2	517.8	57	2.5	302.5	32.0	131.9	277.9	36.40	136.9	24.66	6.06	13.99	1.81
29989	Rock		0.5	3098	4.0	98	1610	0.6	1335	0.6	132	13.6	34.2	673.8	1879	5101	767.9	2971	418.6	109.6	254.6	35.12
REP 29989	QC																					
29993	Rock		9.4	73.4	49.6	3	543.0	3.8	7.4	1.4	153	1.4	355.7	54.1	69.3	148.8	19.27	80.7	14.53	4.42	12.75	2.04
REP 29993	QC																					
30000	Rock		4.5	116.7	4.9	2	1528	5.6	10.5	2.1	116	1.3	203.5	28.1	81.4	150.6	16.92	57.6	8.59	3.05	5.96	1.07
REP 30000	QC																					
39060	Rock		1.2	275.8	59.8	6	483.5	0.8	149.1	0.7	105	7.2	41.8	19.3	2301	3217	353.6	928.6	75.62	15.82	4.11	2.21
REP 39060	QC																					
Reference Materials																						
STD CSC	Standard																					
STD CSC	Standard																					
STD CSC	Standard																					
STD CSC	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
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Project: 20007  
Report Date: February 04, 2008

Page: 1 of 3 Part 3

## QUALITY CONTROL REPORT

VAN07001402.2

Method Analyte Unit MDL		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A C/S	2A C/S	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX			
		Dy ppm 0.05	Ho ppm 0.02	Er ppm 0.03	Tm ppm 0.01	Yb ppm 0.05	Lu ppm 0.01	C/TOT %	S/TOT %	Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ni ppm 0.1	As ppm 0.5	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	Ag ppm 0.1	Au ppb 0.5	Hg ppm 0.01		
29804	Rock	43.21	6.38	12.76	1.63	8.95	1.14	7.93	1.42	1.4	20.4	23.4	110	11.2	7.6	0.7	0.3	<0.1	1.8	73.3	0.03		
29817	Rock	256.4	44.79	83.17	9.73	40.42	4.87	9.37	0.51	5.7	11.0	133.6	165	22.2	9.7	1.3	0.3	0.1	<0.1	60.8	0.02		
39061	Rock	20.00	1.92	3.44	0.52	3.28	0.41	10.01	0.76	1.1	6.4	13.4	93	2.4	18.7	1.1	0.1	0.1	0.3	4.0	0.01		
Pulp Duplicates																							
29801	Rock	31.79	5.08	10.25	1.42	7.49	1.00	9.70	0.65	1.0	14.0	15.4	230	11.1	10.8	1.3	0.8	<0.1	0.5	88.5	0.09		
REP 29801	QC									9.68	0.66												
29806	Rock	47.21	7.45	15.16	1.87	9.83	1.18	8.18	0.31	1.5	5.2	134.7	86	7.3	5.9	0.7	0.3	<0.1	0.6	98.2	0.02		
REP 29806	QC	47.95	7.44	14.90	1.85	9.74	1.15																
29977	Rock	1.44	0.30	0.91	0.17	1.17	0.18	2.14	<0.02	0.4	1.1	5.5	180	23.1	<0.5	0.2	0.3	<0.1	<0.1	9.1	<0.01		
REP 29977	QC																						
29979	Rock	6.89	1.04	2.50	0.45	2.71	0.43	4.29	<0.02	5.4	5.0	119.3	106	21.0	0.7	0.3	1.8	0.1	<0.1	17.7	<0.01		
REP 29979	QC	7.15	1.05	2.67	0.43	2.86	0.43																
29989	Rock	159.7	24.31	45.65	5.95	28.13	3.45	9.37	0.34	12.8	2.4	1385	2966	0.5	10.0	3.6	0.4	14.9	<0.1	273.7	0.57		
REP 29989	QC									9.44	0.37												
29993	Rock	9.85	1.90	4.96	0.72	4.18	0.59	0.08	0.61	2.1	157.0	60.4	157	19.9	6.5	0.1	0.1	<0.1	0.1	<0.5	0.02		
REP 29993	QC											2.3	152.4	54.8	156	20.3	6.3	0.1	<0.1	<0.1	0.2	4.7	0.02
30000	Rock	5.04	0.94	2.69	0.41	2.44	0.39	0.10	0.76	1.4	233.6	2.2	38	11.7	0.6	<0.1	<0.1	<0.1	<0.1	2.2	<0.01		
REP 30000	QC																						
39060	Rock	5.46	0.38	0.87	0.17	1.31	0.18	5.80	0.38	126.6	47.5	24.7	1651	20.4	2.9	3.5	0.2	0.2	0.2	3.5	0.37		
REP 39060	QC									5.84	0.38												
Reference Materials																							
STD CSC	Standard									3.19	4.26												
STD CSC	Standard									3.13	4.22												
STD CSC	Standard									3.01	4.51												
STD CSC	Standard									3.14	4.44												
STD DS7	Standard											21.5	110.6	69.7	408	58.9	50.8	6.3	4.6	4.4	0.8	46.8	0.20
STD DS7	Standard											19.8	111.1	67.0	395	60.7	46.8	6.1	5.0	4.3	0.8	51.5	0.18
STD DS7	Standard											23.2	110.1	77.2	428	58.8	52.3	6.4	5.7	4.9	0.8	61.0	0.22
STD DS7	Standard											21.5	114.6	70.5	420	59.8	51.1	7.2	4.8	4.9	0.8	57.9	0.19

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Page: 1 of 3 Part 4

## QUALITY CONTROL REPORT

VAN07001402.2

Method	1DX	1DX	3BMS	3BMS	3BMS
Analyte	Tl	Se	Au	Pt	Pd
Unit	ppm	ppm	ppb	ppb	ppb
MDL	0.1	0.5	1	0.1	0.5
29804 Rock	0.4	3.3	<1	<0.1	<0.5
29817 Rock	<0.1	<0.5	1	<0.1	<0.5
39061 Rock	0.4	0.9	3	0.1	0.7
Pulp Duplicates					
29801 Rock	0.5	2.6	2	<0.1	<0.5
REP 29801 QC					
29806 Rock	<0.1	3.1	<1	<0.1	<0.5
REP 29806 QC					
29977 Rock	1.2	<0.5	<1	<0.1	<0.5
REP 29977 QC			<1	<0.1	<0.5
29979 Rock	1.0	<0.5	<1	0.2	<0.5
REP 29979 QC					
29989 Rock	0.5	<0.5	25	<0.1	<0.5
REP 29989 QC			25	<0.1	<0.5
29993 Rock	0.1	0.8	9	<0.1	<0.5
REP 29993 QC	0.1	0.5			
30000 Rock	<0.1	1.4	<1	<0.1	<0.5
REP 30000 QC			<1	<0.1	<0.5
39060 Rock	1.3	<0.5	1	0.2	<0.5
REP 39060 QC					
Reference Materials					
STD CSC Standard					
STD CSC Standard					
STD CSC Standard					
STD CSC Standard					
STD DS7 Standard	4.3	3.7			
STD DS7 Standard	4.0	3.6			
STD DS7 Standard	4.8	3.9			
STD DS7 Standard	4.7	4.1			

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Part 1

QUALITY CONTROL REPORT

VAN07001402.2

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	
		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	
		%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.002	20	1	0.1	0.01	1	1	0.2	0.1	0.5	
STD DS7	Standard																					
STD DS7	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD OREAS76A	Standard																					
STD OREAS76A	Standard																					
STD SO-18	Standard	58.12	14.14	7.59	3.34	6.38	3.70	2.15	0.69	0.806	0.39	0.549	29	25	1.9	99.76	512	<1	37.7	7.1	17.6	
STD SO-18	Standard	58.10	14.13	7.60	3.34	6.38	3.71	2.16	0.69	0.804	0.39	0.551	45	25	1.9	99.76	511	<1	35.4	7.0	17.5	
STD SO-18	Standard	58.08	14.14	7.62	3.34	6.38	3.70	2.16	0.69	0.804	0.39	0.551	51	27	1.9	99.75	502	<1	26.4	6.8	17.2	
STD SO-18	Standard	58.07	14.12	7.63	3.34	6.39	3.71	2.16	0.69	0.808	0.39	0.552	45	29	1.9	99.76	464	<1	27.3	6.4	18.8	
STD SO-18	Standard	58.10	14.13	7.61	3.33	6.39	3.69	2.15	0.69	0.804	0.39	0.549	31	26	1.9	99.74	496	2	25.6	6.1	17.0	
STD SO-18	Standard	58.12	14.12	7.61	3.33	6.38	3.69	2.15	0.69	0.805	0.39	0.549	43	25	1.9	99.74	493	1	25.6	6.7	16.8	
STD SO-18	Standard	58.15	14.12	7.60	3.33	6.38	3.70	2.15	0.69	0.806	0.39	0.548	74	27	1.9	99.76	508	<1	26.6	7.0	17.3	
STD SO-18	Standard	58.14	14.13	7.61	3.33	6.38	3.68	2.15	0.69	0.803	0.39	0.548	78	25	1.9	99.76	512	<1	28.3	6.9	18.0	
STD SO-18	Standard	58.16	14.11	7.61	3.33	6.37	3.68	2.14	0.69	0.803	0.39	0.548	73	26	1.9	99.75	509	<1	26.4	6.8	17.4	
STD SO-18	Standard	58.13	14.12	7.61	3.33	6.37	3.69	2.15	0.69	0.807	0.39	0.549	55	26	1.9	99.75	511	<1	26.3	6.8	17.7	
STD DS7 Expected																						
STD CSC Expected																						
STD OREAS76A Expected																						
STD SO-18 Expected		58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	17.6	
STD FA100S Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

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QUALITY CONTROL REPORT

VAN07001402.2

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	
		Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01	
STD DS7	Standard																					
STD DS7	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD OREAS76A	Standard																					
STD OREAS76A	Standard																					
STD SO-18	Standard	9.7	21.1	28.6	15	425.0	8.1	10.5	17.0	208	15.2	282.8	33.1	12.6	27.3	3.51	13.9	2.93	0.90	2.82	0.53	
STD SO-18	Standard	9.8	19.8	28.6	15	420.3	7.2	10.5	16.8	205	15.3	279.8	32.9	12.5	26.9	3.48	14.1	2.95	0.90	2.86	0.52	
STD SO-18	Standard	9.8	22.3	27.7	15	402.1	10.0	10.4	16.4	200	14.8	272.4	31.5	12.3	25.4	3.40	14.0	2.70	0.89	2.78	0.51	
STD SO-18	Standard	9.3	27.0	27.3	16	415.7	7.2	11.1	16.8	202	14.7	264.0	29.6	14.3	20.1	1.16	11.1	2.01	0.79	2.72	0.48	
STD SO-18	Standard	9.3	19.9	27.0	14	387.2	7.0	10.1	16.0	194	14.5	265.8	30.1	11.6	25.7	3.39	13.7	2.74	0.82	2.70	0.50	
STD SO-18	Standard	9.4	20.4	27.4	14	388.7	6.9	9.9	16.0	194	14.2	266.2	30.2	11.8	25.8	3.39	13.7	2.79	0.77	2.70	0.50	
STD SO-18	Standard	9.6	22.1	28.0	15	412.1	7.2	11.3	16.7	201	14.9	289.7	31.9	12.0	26.4	3.34	13.7	2.84	0.85	2.81	0.47	
STD SO-18	Standard	9.9	22.2	28.7	15	421.3	7.3	10.3	16.8	210	15.3	295.1	32.4	13.2	28.4	3.48	14.3	3.01	0.91	3.07	0.54	
STD SO-18	Standard	9.7	20.6	27.7	15	402.9	7.4	9.9	16.3	200	14.7	275.0	31.5	12.0	26.3	3.41	13.8	2.86	0.87	2.87	0.50	
STD SO-18	Standard	9.6	20.3	28.0	15	413.1	7.1	10.2	16.4	200	15.0	272.7	31.9	12.1	26.4	3.41	13.8	2.90	0.86	2.80	0.51	
STD DS7 Expected																						
STD CSC Expected																						
STD OREAS76A Expected																						
STD SO-18 Expected		9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	14	3	0.89	2.93	0.53	
STD FA100S Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

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**Project:** 20007  
**Report Date:** February 04, 2008

**Page:** 2 of 3 Part 3

**QUALITY CONTROL REPORT**

**VAN07001402.2**

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A C/S	2A C/S	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Dy	Ho	Er	Tm	Yb	Lu	C/TOT	S/TOT	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	
		ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	
		0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.5	0.01	
STD DS7	Standard									23.5	115.4	73.3	421	60.8	50.7	6.3	4.8	4.4	0.9	92.6	0.21	
STD DS7	Standard									21.7	121.2	73.5	412	61.2	50.7	5.7	4.3	4.0	0.8	50.3	0.18	
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD OREAS76A	Standard							0.13	17.63													
STD OREAS76A	Standard							0.15	17.37													
STD SO-18	Standard	3.03	0.64	1.86	0.29	1.79	0.28															
STD SO-18	Standard	3.02	0.64	1.81	0.30	1.77	0.28															
STD SO-18	Standard	2.99	0.62	1.81	0.29	1.77	0.27															
STD SO-18	Standard	2.97	0.63	1.80	0.27	1.71	0.28															
STD SO-18	Standard	2.84	0.59	1.68	0.28	1.73	0.26															
STD SO-18	Standard	2.89	0.59	1.63	0.28	1.69	0.26															
STD SO-18	Standard	2.85	0.62	1.52	0.27	1.70	0.27															
STD SO-18	Standard	3.04	0.64	1.86	0.29	1.84	0.28															
STD SO-18	Standard	2.91	0.62	1.77	0.28	1.75	0.27															
STD SO-18	Standard	2.90	0.62	1.79	0.28	1.74	0.27															
STD DS7 Expected										20.92	109	70.6	411	56	48.2	6.38	5.86	4.51	0.89	70	0.2	
STD CSC Expected								3.13	4.19													
STD OREAS76A Expected								0.16	18													
STD SO-18 Expected		3	0.62	1.84	0.29	1.79	0.27															
STD FA100S Expected																						
BLK	Blank									<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	
BLK	Blank							<0.02	<0.02													
BLK	Blank									<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	
BLK	Blank									<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01	
BLK	Blank							<0.02	<0.02													

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Project: 20007

Report Date: February 04, 2008

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## QUALITY CONTROL REPORT

VAN07001402.2

		1DX Ti ppm 0.1	1DX Se ppm 0.5	3BMS Au ppb 1	3BMS Pt ppb 0.1	3BMS Pd ppb 0.5
STD DS7	Standard	4.4	3.7			
STD DS7	Standard	3.9	3.5			
STD FA100S	Standard			53	53.1	51.9
STD FA100S	Standard			56	54.5	53.5
STD FA100S	Standard			48	49.1	50.4
STD FA100S	Standard			54	52.7	52.1
STD FA100S	Standard			52	52.9	51.5
STD OREAS76A	Standard					
STD OREAS76A	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD DS7 Expected		4.19	3.5			
STD CSC Expected						
STD OREAS76A Expected						
STD SO-18 Expected						
STD FA100S Expected				45	45	45
BLK	Blank	<0.1	<0.5			
BLK	Blank					
BLK	Blank	<0.1	<0.5			
BLK	Blank	<0.1	<0.5			
BLK	Blank					



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QUALITY CONTROL REPORT

VAN07001402.2

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B		
		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga	
		%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.001	0.01	0.002	20	1	0.1	0.01	1	1	0.2	0.1	0.5	
BLK	Blank																					
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.002	<20	<1	<0.1	<0.01	<1	<1	<0.2	<0.1	<0.5	
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.002	<20	<1	<0.1	<0.01	<1	<1	<0.2	<0.1	<0.5	
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.002	<20	<1	<0.1	<0.01	<1	<1	<0.2	<0.1	<0.5	
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.002	27	<1	<0.1	<0.01	<1	<1	<0.2	<0.1	<0.5	
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.001	<0.01	<0.002	<20	<1	<0.1	<0.01	<1	<1	<0.2	<0.1	<0.5	
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	67.80	15.48	3.60	1.19	3.44	3.47	3.61	0.37	0.161	0.10	<0.002	<20	6	0.5	99.73	883	2	3.5	4.1	17.6	
G1	Prep Blank	67.80	15.48	3.41	1.14	3.46	3.46	3.75	0.37	0.145	0.10	0.029	<20	6	0.6	99.73	974	2	4.6	4.3	18.3	

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QUALITY CONTROL REPORT

VAN07001402.2

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B
		Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
BLK	Blank	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.8	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	2.4	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	0.7	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	0.7	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	3.6	21.9	122.3	1	700.0	1.1	8.4	4.4	48	1.0	116.4	15.9	26.9	50.8	6.14	20.7	3.53	0.95	2.43	0.44
G1	Prep Blank	3.5	22.8	126.4	1	708.2	1.2	8.5	4.7	49	<0.5	109.0	16.0	26.5	51.5	6.08	20.2	3.40	1.04	2.86	0.51

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Page: 3 of 3 Part 3

QUALITY CONTROL REPORT

VAN07001402.2

		4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	4A&4B	2A C/S	2A C/S	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Dy	Ho	Er	Tm	Yb	Lu	C/TOT	S/TOT	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	Hg	
		ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	
BLK	Blank							<0.02	<0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.5	0.01
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01															
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
Prep Wash																						
G1	Prep Blank	2.59	0.57	1.63	0.25	1.69	0.28	0.02	<0.02	0.2	2.8	2.8	47	6.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01
G1	Prep Blank	2.70	0.59	1.60	0.27	1.90	0.29	0.02	<0.02	0.4	3.4	2.9	48	6.4	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.01

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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**Project:** 20007  
**Report Date:** February 04, 2008

**Page:** 3 of 3 **Part** 4

**QUALITY CONTROL REPORT**

**VAN07001402.2**

		1DX TI ppm	1DX Se ppm	3BMS Au ppb	3BMS Pt ppb	3BMS Pd ppb
		0.1	0.5	1	0.1	0.5
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank			<1	<0.1	<0.5
BLK	Blank			<1	<0.1	<0.5
BLK	Blank			<1	<0.1	<0.5
BLK	Blank			<1	<0.1	<0.5
BLK	Blank			<1	<0.1	<0.5
Prep Wash						
G1	Prep Blank	0.4	<0.5	N.A.	N.A.	N.A.
G1	Prep Blank	0.4	<0.5	N.A.	N.A.	N.A.

**APPENDIX 4: PROSPECTING - WAYPOINT DESCRIPTIONS AND LOCATIONS**

Coordinate System NAD83 Z19

Waypoint	Date	Easting	Northing	CPS	Source	Rock type	Remarks
MG01	12-Aug-2007	533215	6314905	-	Outcrop	Carbonatite	Orange on surface. Inside brownish light grey, fine-grained. Massive.
MG02	12-Aug-2007	533544	6314974	-	Outcrop	Carbonatite	Brownish grey to yellow. Medium to coarse grained. Minerals are: calcite, dolomite, albite (?), biotite. Main rocks are black phyllite or schist, outcrops surface 0.5 x 0.5 m
MG03	12-Aug-2007	533980	6315188	-	Outcrop	Carbonatite	Many rocks weathered and soft, changed to brown colour. Carbonatite occurs in dikes. Surface orange to brown. Fresh rocks are yellowish grey, fine-grained massive. Dolomite/calcite are the major minerals.
MG04	12-Aug-2007	-	-	-	Outcrop	Carbonatite	Several rounded carbonatite rocks found, outcrops are 0.5-1 m. Dark brown on surface, brownish grey inside. Medium-grained massive dolomite/calcite >90%. Some biotite
MG05	12-Aug-2007	534503	6315603	-	Boulder	Carbonatite	Dark brown on surface, brownish grey on the fresh rock. Fine to medium-grained. Massive dolomite/calcite are major minerals, some disseminated pyrite. Some needle-shaped pyroxene, albite.
MG06	12-Aug-2007	534617	6315706	-	Outcrop	Carbonatite	Coarse-grained massive brownish grey. Calcite/dolomite. Disseminated pyrite.
MG07	-	-	-	-	-	-	Waypoint not taken. Possible mistake in numbering.
MG09	18-Aug-2007	538025	6310905	2800	Boulder	Carbonatite	Yellowish brown.
MG10	18-Aug-2007	537748	6310973	1600	Boulder	Carbonatite	-
MG12	18-Aug-2007	537638	6310836	1000	Surface	-	On a slope
MG13	18-Aug-2007	537644	6310795	600	Surface	-	On a slope
MG15	18-Aug-2007	538124	6311020	1120	Boulder	Carbonatite	area of 20 x 20 m.
MG16	19-Aug-2007	538140	6311233	1100	Boulder	Carbonatite	Boulders over a large area. Pyrochlore seen.
MG17	19-Aug-2007	537841	6310832	3000	Unreachable	-	1800 cps on surface, near swamp.
MG19	19-Aug-2007	538096	6309954	1000	Outcrop	Carbonatite	Dug about 2 feet
MG21	19-Aug-2007	538182	6310056	900	Outcrop	Carbonatite	Dug about 20 cm, hit carbonatite bedrock.
MG22	19-Aug-2007	538418	6310206	700	Boulder	Carbonatite	Fine grained, almost no dark minerals, some calcite and silicate fragments.
MG23	19-Aug-2007	538462	6310248	1700	Boulder	Carbonatite	1 x 1 m, banded
MG24	20-Aug-2007	536022	6312296	1000	Boulder	Carbonatite	Rounded, fine-grained, light grey.
MG25	20-Aug-2007	535793	6312321	550	Outcrop	Carbonatite	Light brown to light grey, medium-grained, banded accessory minerals are few, disseminated pyrite. Some biotite, fluorite. Some angular silicate country rock fragments or inclusions are found in carbonatite. Fragments <5cm, dark grey.
MG26	20-Aug-2007	535785	6312622	5700	Outcrop	Carbonatite	Dug about 0.5 m to reach bedrock. Could not sample. About 20 m away surface is 1000 cps.
MG27	20-Aug-2007	535795	6312649	1000	Surface	-	above 500 cps consistently from MG26.
MG28	20-Aug-2007	535839	6312678	2800	Outcrop	Glimmerite?	Dug about 0.5 m to reach bedrock. Could not sample. Rock is black with abundant magnetite.
MG29	20-Aug-2007	535734	6312607	2800	Boulder	Carbonatite	Dug 30 cm to carbonatite boulder.



Waypoint	Date	Easting	Northing	CPS	Source	Rock type	Remarks
MG30	20-Aug-2007	535766	6312625	2800	Boulder	Carbonatite	Pinkish-white with magnetite band.
MG31	21-Aug-2007	535804	6312141	4700	Outcrop	Carbonatite	Carbonatite dike in schist country rock (schist shows 2200-3000 cps)
MG32	21-Aug-2007	535769	6312597	6300	Outcrop	Carbonatite	Dug 40 cm to reach bedrock. Could not sample. Rock shows many magnetite crystals.
MG33	21-Aug-2007	535763	6312598	4300	Outcrop	Carbonatite	Dug 20 cm to reach bedrock. Could not sample.
MG34	21-Aug-2007	535747	6312594	3600	Outcrop	Carbonatite	Dug 30 cm to reach bedrock. Assay, K = 0, U = 210.8 ppm, Th = 516 ppm. Trend of high cps on bearing 230, still open to the west, about 20 m wide.
MG35	21-Aug-2007	535094	6312441	1000	Surface	-	Dug 30 cm, no rock seen. Surface is 700 cps
MG36	21-Aug-2007	535016	6312520	800	Boulder	Carbonatite	Boulders on slope, buried at 30 cm depth. Carbonatite is medium grained with pyrite band.
MG37	22-Aug-2007	536039	6312581	1350	Boulder	Carbonatite	Boulder on slope, fine-grained, grey, few pyrite and fluorite.
MG38	22-Aug-2007	536108	6312799	1900	-	-	-
MG39	22-Aug-2007	536119	6312459	-	Boulder	Carbonatite	Boulders clustered along lake shore.
MG40	23-Aug-2007	538235	6304684	-	Outcrop	Mixed	Phyllite and basaltic tuff. Good outcrops on the top of the ridge. Grey, fine-grained, foliated (342/68).
MG41	24-Aug-2007	537080	6313894	180	Boulder	Carbonatite	Sub-rounded, light brown, medium grained. 0.4 x 0.8 m.
MG42	24-Aug-2007	535966	6313788	280	Boulder	Carbonatite	light grey, fine-grained, no visible dark minerals. 2 x 1.5 x 1.5 m
MG43	24-Aug-2007	535779	6313894	1200	Boulder	Carbonatite	Dug about 10 cm to boulder. Light grey, medium-grained, cannot sample. This area (20 x 10 m) has above 400 cps.
MG45	24-Aug-2007	535659	6313855	600	Outcrop	Carbonatite	Outcrop continues from MG44. Carbonatite is medium-grained yellowish grey, no visible dark minerals.
MG46	24-Aug-2007	535646	6313785	2500	Outcrop?	Carbonatite?	Assay, K = 0, U = 51.4 ppm, Th = 705.1 ppm.
MG49	25-Aug-2007	538044	6306819	-	Outcrop	Schist	Carbonatite occurs as lens in schist.
MG50	27-Aug-2007	536584	6317005	1050	Boulder	Carbonatite	Medium-grained, yellowish grey. Could not sample. Radioactivity is high in a 1 square-metre area.
MG51	27-Aug-2007	536403	6316759	80	Outcrop	Basalt	Fine to medium-grained, grey. Outcrop occurs as a cliff.
MG52	27-Aug-2007	536136	6316153	800	Outcrop	Basalt	Carbonatitic basalt. Most likely carbonatite with >300 cps is on the slope (10 x 5 m).
MG53	27-Aug-2007	535089	6315096	-	Boulder	Basalt	Boulders upto 3m, with carbonatite. Volcanic rock is fine grained dark grey carbonatitic basalt. Contact of wall rock and intrusion show quartz clusters and veins develop in the centre.
MG54	27-Aug-2007	534796	6315085	-	Outcrop	Basalt	Basalt with carbonatite dikes.
MG55	27-Aug-2007	525170	6314076	1500	Boulder	Carbonatite	Could not sample. This is an area of high radioactivity.
MG56	27-Aug-2007	534923	6313623	300	-	-	The area is above 300 cps, 100m to north.
MG57	27-Aug-2007	534918	6313401	350	-	-	From MG56 to here, consistently over 350 cps.
MG58	27-Aug-2007	534882	6313320	1000	-	-	From MG57 to here, consistently over 350 cps.
MG59	27-Aug-2007	542223	6311054	200	Outcrop	Schist	-
MG60	27-Aug-2007	541281	6310952	270	Boulder	Schist	1 x 1 m, carbonatitic schist boulder, grey to light brown. Schist has calcite fragments and veins.
MG61	27-Aug-2007	541048	6310841	320	Outcrop	Dacite	Grey, fine to medium-grained, few disseminate pyrite.
MG62	27-Aug-2007	540766	6310470	-	Outcrop	Schist	Biotite schist, black to grey, medium-grained with some magnetite.

Waypoint	Date	Easting	Northing	CPS	Source	Rock type	Remarks
MG63	27-Aug-2007	540336	6310187	60	Outcrop	Schist	Carbonatitic schist, biotite schist with carbonatite lens/layer. Most of the rock in this area are schists.

**Glacial Striations**

Waypoint	Date	Easting	Northing	Striation trend
MG40	23-Aug-2007	538235	6304684	010/190
-	23-Aug-2007	539014	6305298	175/375
MG48	25-Aug-2007	538005	6307146	160/340

APPENDIX 5: ANOMALOUS ROCK SAMPLES >0.5% REE+Y

Coordinate System NAD83 Z19

Easting	Northing	Occurrence	Sample	Y (ppm)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)	Total REE+Y	
																			ppm	%
535153	6314270	Boulder	39063	132	9372	21908	2216	7092	641.4	123.2	283.8	11.45	31.82	1.65	3.22	1.13	9.02	0.95	41827.64	4.18
535618	6313956	Boulder	39054	675.9	3216	8573	1156	4302	580.5	162.1	297.8	45.95	181.7	23.81	40.89	5.16	26.14	3.22	19290.17	1.93
535249	6315365	Boulder	39062	743.9	4114	7629	806	2729	470.4	135.7	288.4	45.34	202.1	30.64	58.02	6.92	31.61	3.52	17294.55	1.73
536038	6312352	Boulder	29987	529.1	3789	8117	871	2917	437.4	109.9	188.9	29.48	126	18.65	38.15	5.07	26.68	3.33	17206.66	1.72
536018	6312477	Boulder	29989	673.8	1879	5101	767.9	2971	418.6	109.6	254.6	35.12	159.7	24.31	45.65	5.95	28.13	3.45	12477.81	1.25
536033	6312340	Boulder	29986	404.2	2769	5502	603.4	2082	270.1	73.1	193.9	21.81	98	14.28	29.36	3.72	19.4	2.26	12086.53	1.21
535780	6312381	Boulder	29818	158.2	2222	4787	613.9	2301	334.6	92.34	194.5	19.75	65.41	5.72	7.08	0.84	4.85	0.5	10807.69	1.08
536046	6312710	Boulder	29991	951.2	1624	4022	590.9	2414	384.8	100.8	234.8	42.53	219.5	36.05	63.46	7.36	34.69	4.36	10730.45	1.07
536025	6312452	Boulder	29988	531.7	1446	4238	690	2885	397.2	96.72	207.8	28.39	124.9	18.11	33.56	4.46	21.94	2.64	10726.42	1.07
536052	6312780	Unknown	29992	454.5	2195	3914	581.6	2237	404.8	109.4	201.9	27.2	107.6	14.7	26.44	3.41	18.12	2.06	10297.73	1.03
535694	6313890	Outcrop	39053	95.3	1639	3709	509.4	1886	229.3	53	83.41	10.49	34.16	3.68	6.57	0.92	4.76	0.57	8265.56	0.83
534998	6312467	Unknown	29985	100.1	872.7	3602	626.7	2495	279.4	54.6	85.98	7.89	28.31	3.04	3.42	0.95	5.16	0.66	8165.91	0.82
536227	6316577	Boulder	39060	19.3	2301	3217	353.6	928.6	75.62	15.82	4.11	2.21	5.46	0.38	0.87	0.17	1.31	0.18	6925.63	0.69
535637	6312687	Boulder	29982	193.3	1017	2569	329.6	1223	169.5	44.37	84.46	12.74	53.16	7.84	15.83	2.04	10.65	1.4	5733.89	0.57
535696	6312706	Boulder	29980	206.6	1189	2455	304.5	1052	143.7	35.96	67.52	11.19	49.24	7.73	17.1	2.53	13.64	1.9	5557.01	0.56
538041	6310973	Unknown	29804	155.8	1002	2429	311.7	1133	152.9	38.72	75.35	11.11	43.21	6.38	12.76	1.63	8.95	1.14	5383.65	0.54
535872	6315919	Unknown	39061	59.5	1088	2364	308.8	1077	136.3	34.49	48.77	6.37	20	1.92	3.44	0.52	3.28	0.41	5152.8	0.52
537852	6310775	Outcrop	29810	138.6	989.2	2463	279.5	955.8	120.2	31.33	56.41	9.21	39.05	5.93	12.59	1.6	8.72	1.08	5112.22	0.51
537820	6310996	Boulder	29806	178.3	894.1	2288	289.2	1063	144.8	38.07	77.4	11.2	47.21	7.45	15.16	1.87	9.83	1.18	5066.77	0.51
535758	6312586	Unknown	29819	190.7	859.6	2195	292.2	1103	160.8	43.02	91.67	12.88	54.33	8.43	16.79	2.09	11.1	1.27	5042.88	0.50

Element	*Ionic Radius (3+ valence)	**Chondritic Values (ppm)	Normalized		Eldor 7518A*		Mtn. Pass Head Sample
			39063	39054	***Oxide to Element	Normalized	***Normalized
La	1.061	0.2347	39931.828	13702.599	7563.10	32224.53	70000
Ce	1.034	0.6032	36319.629	14212.533	7969.72	13212.40	39000
Pr	1.013	0.0891	24870.932	12974.186	877.34	9846.67	26666.67
Nd	0.995	0.4524	15676.393	9509.284	1508.92	3335.36	14600
Sm	0.964	0.1471	4360.299	3946.295	672.65	4572.71	2661.017
Eu	0.95	0.0560	2200.000	2894.643	124.36	2220.77	1300
Gd	0.938	0.1966	1443.540	1514.751	216.90	1103.26	641.6667
Tb	0.923	0.0363	315.427	1265.840	39.11	1077.38	1550
Dy	0.908	0.2427	131.108	748.661	157.71	649.80	85.55556
Ho	0.894	0.0556	29.676	428.237	29.68	533.84	54.2857
Y	0.893	1.56	84.615	433.269	104.73	67.14	-
Er	0.881	0.1589	20.264	257.332	75.21	473.30	50
Tm	0.869	0.0242	46.694	213.223	20.14	832.16	60.9091
Yb	0.858	0.1625	55.508	160.862	10.54	64.85	8.4
Lu	0.848	0.0243	39.095	132.510	4.40	180.94	-

\* Rare Earths Remainder (1989)

\*\* Anders and Grevesse (1989)

\*\*\* Sherer (1984) - Believed to be normalized to prior publication of Anders and Grevesse (1989)

APPENDIX 6: SOIL SAMPLE DESCRIPTIONS AND LOCATIONS

Coordinate System NAD83 Z19

Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet**	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
28601	3000S	-3100	535787	6309452	0.50	Soil	5	Grey	Silt	-	-	Angular	-	Low	5-Aug-2007	-	JD MH
28602	3000S	-3000	535873	6309502	0.50	Soil	1	Black	-	-	Rare	Pebble-cobble granular	-	Abundant	5-Aug-2007	-	JD
28603	3000S	-2950	535917	6309527	0.30	Soil	2	Medium brown/black	-	-	-	Granular	-	Low	5-Aug-2007	-	Elijah
28604	3000S	-2800	535960	6309552	0.30	Soil	2	Brown/black	-	-	Rare	Pebble sub-angular	-	Low	5-Aug-2007	-	Elijah
28605	3000S	-2850	536003	6309577	0.30	Soil	2	Light brown	-	-	Rare	Pebble sub-angular	-	Medium	5-Aug-2007	-	Mattiusie
28606	3000S	-2800	536046	6309602	0.30	Soil	2	Light brown	-	-	-	Pebble, cobble sub-angular	-	Low	5-Aug-2007	-	Mattiusie
28607	3000S	-2750	536090	6309627	0.30	Soil	1	Medium brown	-	-	Rare	Pebble, sub-rounded	-	Low	5-Aug-2007	-	Mattiusie, MH
28608	3000S	-2700	536133	6309652	0.30	Soil	5	Grey/black	-	-	None	-	-	Abundant	5-Aug-2007	-	KS
28609	3000S	-2650	536176	6309677	0.40	Soil	5	Black	-	-	None	-	-	Abundant	5-Aug-2007	Swamp	KS
28610	3000S	-2600	536220	6309702	0.40	Soil	5	Black	-	-	None	-	-	Abundant	5-Aug-2007	Swamp	KS
28611	3000S	-2550	536263	6309727	0.40	Soil	3	Dark brown	-	-	Rare	Pebble, angular-sub-rounded	-	Low	5-Aug-2007	-	JD
28612	3000S	-2500	536306	6309752	0.40	Soil	4	Dark grey	-	-	Common	Pebble-cobble, angular-subrounded	-	Low	5-Aug-2007	-	JD
28613	3000S	-2400	536393	6309802	0.40	Soil	4	Dark grey/brown	Silt/clay	-	-	Sand-Pebble	-	Low	5-Aug-2007	-	-
28614	3000S	-2450	536350	6309777	0.40	Soil	4	Dark grey	-	-	Abundant	Semi-rounded, sand-Pebble	Meta-volcanic	Low	5-Aug-2007	-	JD SM
28615	3000S	-2350	536436	6309827	0.50	Soil	3	Dark brown	-	-	Abundant	Subrounded, sand-Pebble	Aphanitic meta-sedimentary/volcanic.	Medium	6-Aug-2007	-	SM
28616	3000S	-2300	536479	6309852	0.50	Soil	4	Dark brown	-	-	Abundant	Subrounded, angular	Aphanitic meta-sedimentary/volcanic.	Low	6-Aug-2007	Also 2-mica granitoid	SM
28617	3000S	-2250	536523	6309877	0.50	Soil	4	Dark grey	Sand/clay	-	Abundant	Sub-angular, sub-rounded	Aphanitic meta-volcanic/sedimentary	Low	6-Aug-2007	-	SM
28618	3000S	-2200	536566	6309902	0.50	Soil	3	Dark brown	Sand/clay	-	Abundant	Sub-angular, sub-rounded	Aphanitic meta-volcanic/sedimentary	Medium	6-Aug-2007	-	SM
28619	3000S	-2150	536609	6309927	0.40	Soil	4	Black	Fine sand/clay	-	Rare	Sub-angular, sub-rounded	Meta-sedimentary/volcanic gneissose	High	6-Aug-2007	-	SM
28620	3000S	-2100	536653	6309952	0.40	Soil	5	Medium brown	Silt/clay	-	Rare	Sub-angular, sub-rounded	Aphanitic meta-sedimentary/volcanic	Low	6-Aug-2007	-	SM
28621	3000S	-2050	536696	6309977	0.30	Soil	2	Medium brown	Sand/clay	-	Trace	Sub-angular	Meta-sedimentary/volcanic, Granitoid	Medium	6-Aug-2007	-	SM
28622	3000S	-2000	536739	6310002	0.30	Soil	2	Dark brown	Silt/clay	-	Trace	Sub-angular, sub-rounded	Meta-sedimentary/volcanic gneissose, granitoid	Medium	6-Aug-2007	-	SM
28623	3000S	-1950	536783	6310027	0.60	Soil	2	Dark brown	Sand/clay	-	Abundant	Sub-angular, sub-rounded	Meta-sedimentary/volcanic, granitoid	Low	6-Aug-2007	-	SM
28624	3000S	-1900	536826	6310052	0.40	Soil	2	Dark brown	Sand/clay	-	Abundant	Sub-angular, sub-rounded	Meta-sedimentary/volcanic	Medium	6-Aug-2007	-	SM
28625	3000S	-1850	536869	6310077	0.40	Soil	3	Dark brown	Sand/clay	-	Trace	Sub-angular, sub-rounded	Meta-sedimentary/volcanic	Low	6-Aug-2007	-	SM
28626	3000S	-1800	536912	6310102	0.70	Soil	5	Dark brown	Silt/clay	-	None	-	-	High	6-Aug-2007	-	SM
28627	3000S	-1750	536956	6310127	0.30	Soil	2	Medium brown	Sand/clay	-	Abundant	Sub-angular, sub-rounded	Meta-sedimentary/volcanic, granitoid	Medium	6-Aug-2007	-	SM
28628	3000S	-1700	536999	6310152	0.40	Soil	2	Medium brown	Fine sand/clay	-	Trace	Sub-angular, sub-rounded	Meta-sedimentary/volcanic, granitoid	Medium	6-Aug-2007	-	SM
28629	3000S	-1650	537042	6310177	0.40	Soil	3	Medium brown	Fine sand/clay	-	Abundant	Sub-angular, sub-rounded	Meta-sedimentary/volcanic, granitoid	Medium	6-Aug-2007	-	SM
28630	3000S	-1600	537086	6310202	0.40	Soil	4	Dark brown	Fine sand/clay	-	Abundant	Angular, sub-rounded	Meta-sedimentary/volcanic	High	6-Aug-2007	-	SM
28701	2000S	-3400	535027	6310168	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28702	2000S	-3350	535070	6310193	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28703	2000S	-3300	535113	6310218	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28704	2000S	-3150	535243	6310293	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28705	2000S	-3100	535287	6310318	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28706	2000S	-3050	535330	6310343	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28707	2000S	-3000	535373	6310368	0.35	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28708	2000S	-2950	535416	6310393	0.25	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28709	2000S	-2900	535460	6310418	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28710	2000S	-2850	535503	6310443	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28711	2000S	-2800	535546	6310468	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28712	2000S	-2750	535590	6310493	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28713	2000S	-2700	535633	6310518	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28714	2000S	-2650	535676	6310543	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28715	2000S	-2600	535720	6310568	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28716	2000S	-2550	535763	6310593	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28717	2000S	-2500	535806	6310618	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28718	2000S	-2450	535849	6310643	0.30	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28719	2000S	-2400	535893	6310668	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28720	2000S	-2350	535936	6310693	0.40	-	-	-	-	-	-	-	-	-	6-Aug-2007	-	-
28631	3000S	-1550	537129	6310227	0.40	Soil	3	Dark brown	Fine sand/clay	-	Trace	Sub-angular, sub-rounded	Meta-sedimentary/volcanic	Medium	7-Aug-2007	-	SM
28632	3000S	-1450	537215	6310281	0.40	Soil	4	Brown/grey	Fine sand/clay	-	Abundant	Angular, sub-rounded	Meta-sedimentary/volcanic quartzite	Medium	7-Aug-2007	-	SM

Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet**	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
28633	3000S	-1400	537259	6310302	0.40	Soil	3	Dark brown	Medium sand-silt	-	Abundant	Sub-rounded	Meta-sedimentary/volcanic, granitoid, quartzite	Medium	7-Aug-2007	-	SM
28634	3000S	-1350	537302	6310327	0.40	Soil	2	Dark brown	Silt/clay	-	Trace	Sub-rounded	Granitoid	Medium	7-Aug-2007	-	SM
28635	3000S	-1300	537345	6310352	0.30	Soil	2	Brown/grey	Fine sand/clay	-	Abundant	Sub-angular	Meta-sedimentary/volcanic, granitoid	Medium	7-Aug-2007	-	SM
28636	3000S	-1250	537389	6310377	0.40	Soil	3	Black	Clay	-	Trace	Medium sand	-	High	7-Aug-2007	-	SM
28637	3000S	-1200	537432	6310402	0.40	Soil	3	Black	Silt/clay	-	Trace	Coarse sand	-	High	7-Aug-2007	-	SM
28638	3000S	-1150	537475	6310427	0.40	Soil	3	Brown	Fine sand/clay	-	Abundant	Sub-angular, sub-rounded	Meta-sedimentary/volcanic, granitoid, quartzite	Medium	7-Aug-2007	-	SM
28639	3000S	-1100	537519	6310452	0.40	Soil	3	Brown/black	Fine sand/clay	-	Abundant	Pebble, Sub-angular, sub-rounded	-	Medium	7-Aug-2007	-	SM
28640	3000S	-1050	537562	6310477	0.40	Soil	2	Dark brown	Medium sand-silt	-	Abundant	Coarse sand, sub-angular, sub-rounded	-	Medium	7-Aug-2007	-	SM
28641	3000S	-1000	537605	6310502	0.50	Soil	4	Grey/brown	Silt/clay	-	-	-	Mostly granitoid	Low	7-Aug-2007	-	SM
28642	3000S	-950	537649	6310527	0.50	Soil	4	Brown	Silt-clay	-	Trace	Sub-angular	Meta-sedimentary/volcanic, granitoid	Medium	7-Aug-2007	-	SM
28643	3000S	-900	537692	6310552	0.50	Soil	3	Black	Silt-clay	-	Trace	Sub-angular, sub-rounded	Meta-sedimentary/volcanic, granitoid	High	7-Aug-2007	-	SM
28644	3000S	-850	537735	6310577	0.50	Soil	5	Grey/brown	Clay	-	Abundant	Coarse sand, sub-rounded	-	Medium	7-Aug-2007	-	SM
28645	3000S	-800	537778	6310602	0.50	Soil	4	Black	Pebble	-	Abundant	Sub-rounded	Meta-sedimentary/volcanic, granitoid	High	8-Aug-2007	-	SM
28646	3000S	-750	537822	6310627	0.50	Soil	5	Black	Pebble/sand	-	Trace	Sub-rounded	Meta-sedimentary/volcanic, granitoid	High	8-Aug-2007	-	SM
28647	3000S	-700	537865	6310652	0.50	Soil	2	Grey/brown	Fine sand/clay	-	Abundant	Sub-rounded	Meta-sedimentary/volcanic, granitoid	Low	8-Aug-2007	-	SM
28648	3000S	-650	537908	6310677	0.60	Soil	3	Black	Clay	-	Abundant	Medium sand, sub-rounded	-	High	8-Aug-2007	-	SM
28649	3000S	-600	537952	6310702	0.50	Soil	2	Dark grey/brown	Med sand	-	Trace	Sub-angular, sub-rounded	-	Medium	8-Aug-2007	-	SM
28650	3000S	-550	537995	6310727	0.50	Soil	2	Black	Clay	-	None	-	-	High	8-Aug-2007	-	SM
28651	3000S	-500	538038	6310752	0.50	Soil	1	Dark brown	Fine sand/clay	-	Abundant	Pebble-coarse sand, sub-angular, sub-rounded	-	Medium	8-Aug-2007	-	SM
28652	3000S	-450	538082	6310777	0.30	Soil	2	Medium brown	Silt/clay	-	Trace	Pebble-coarse sand, angular, sub-rounded	-	Medium	8-Aug-2007	-	SM
28653	3000S	-400	538125	6310802	0.60	Soil	5	/	Clay	-	None	-	-	High	8-Aug-2007	-	SM
28654	3000S	-350	538168	6310827	0.60	Soil	5	/	Clay	-	None	-	-	High	8-Aug-2007	-	SM
28655	3000S	-200	538298	6310902	0.60	Soil	3	Dark brown	Silt/clay	-	-	Pebbles	Contains mica, see comment	Medium	8-Aug-2007	"Very weathered", "reddish", "looks like weathered carbonate to me"	SM
28656	3000S	-150	538341	6310927	0.40	Soil	2	Dark brown	Clay/silt	-	-	Pebble, medium sand	See comment	Medium	8-Aug-2007	"Positive HCl rxn"	SM
28657	3000S	-100	538385	6310952	0.60	Soil	2	Brown	Clay	-	-	Coarse, medium sand	-	Medium	8-Aug-2007	1 pebble found "no HCl rxn"	SM
28658	3000S	-50	538428	6310977	0.50	Soil	1	Medium brown	Clay	-	Trace	Pebble, medium sand, angular, sub-ang	Granitoid, meta-volcanic	Medium	8-Aug-2007	-	SM
28659	3000S	0	538471	6311002	0.30	Soil	1	Dark brown	Clay, fine sand	-	Rare	Pebble	Granitoid, meta-volcanic	Medium	8-Aug-2007	"No HCl rxn" on pebble	SM
28660	3000S	50	538515	6311027	0.50	Soil	3	Dark brown	Fine sand/clay	-	Trace	Pebble	Granitoid, meta-volcanic	Low	8-Aug-2007	"Some mica + [black] elongate crystal visible"	SM
28661	3000S	100	538558	6311052	0.50	Soil	2	Dark brown/black	Clay	-	-	Gravel	Granitoid, meta-volcanic	High	8-Aug-2007	"Very f. pebbles, very weathered barely still rock!"	SM
28662	3000S	150	538601	6311077	0.60	Soil	1	Grey, brown, black	-	-	None	-	-	High	8-Aug-2007	"Same as 28664"	SM
28663	3000S	200	538644	6311102	0.40	Soil	-	-	-	-	-	-	-	High	8-Aug-2007	"Humus"	SM
28664	3000S	250	538688	6311127	0.30	Soil	2	Grey, brown, black	-	-	None	-	-	High	8-Aug-2007	"[Black] is organics [brown] is decomposed rocks, micas still visible"	SM
28665	3000S	300	538731	6311152	0.60	Soil	1	Grey, brown, black	-	-	None	-	-	High	8-Aug-2007	"Same as 28662 more humus to rock"	SM
28666	3000S	350	538774	6311177	0.40	Soil	1	Brown, grey, black	-	-	-	-	-	High	8-Aug-2007	"As 28665, but with less humus", "mica visible"	SM
28667	3000S	400	538818	6311202	0.60	Soil	1	-	-	-	-	-	-	Medium	8-Aug-2007	"Same as 28666 less humus micas visible"	SM
28668	3000S	450	538861	6311227	0.40	Soil	1	-	-	-	-	-	-	High	8-Aug-2007	"see previous 28665 about the same"	SM
28669	3000S	500	538904	6311252	0.40	Soil	1	-	-	-	Rare	Pebble, sub-angular	"Not carbonate meta-volcanic/sedimentary"	High	8-Aug-2007	"See previous, has clasts"	SM
28670	3000S	550	538948	6311277	0.40	Soil	1	Dark brown	-	-	-	Coarse, fine sand; large pebble	Sand "appear to be granitoid"; pebble "appear granitoid"	High	8-Aug-2007	Pebble: "one weathered that resembles carbonate"	SM
28671	3000S	600	538991	6311302	0.40	Soil	2	Dark brown	Clay	-	-	Fine sand	-	High	8-Aug-2007	"Micas? Glint in light!"	SM
28672	3000S	650	539034	6311327	0.40	Soil	1	Dark brown	Clay w/ sand	-	Rare	Pebbles	"Decomposing rock"	High	8-Aug-2007	Sand has "visible-micas, black elongate crystals"	SM
28673	3000S	700	539077	6311352	0.30	Soil	1	-	-	-	Trace	Pebbles, sub-angular	"Weathered rock, as previous"	Medium	8-Aug-2007	"Very similar to previous more clasts"; "magnetite"	SM
28674	3000S	750	539121	6311377	0.40	Soil	1	Dark brown/black	Clay	-	None	-	-	High	9-Aug-2007	"Magnetite"	SM
28675	3000S	800	539164	6311402	0.30	Soil	1	-	-	-	3 seen	Pebble, sub-angular	-	-	9-Aug-2007	1 pebble "has very slight rxn to HCl"	SM
28676	3000S	850	539207	6311427	0.30	Soil	1	Dark brown	Clay	-	Rare	Sand-pebble, sub-angular, sub-rounded	Magnetitic, meta-sedimentary/volcanic	High	9-Aug-2007	-	SM
28677	3000S	900	539251	6311452	0.50	Soil	1	Dark brown/black	Clay	-	Rare	Sub-angular	Meta-volcanic and quartzite	High	9-Aug-2007	-	SM
28678	3000S	950	539294	6311477	0.40	Soil	1	-	-	-	Rare	Pebble, subrounded	-	High	9-Aug-2007	"As 28677"; "well weathered, magnetic"	SM





Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet**	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
38841	1000S	-2050	535696	6311709	0.50	Sandy silt	4	Dark brown	-	poor	Abundant	Pebble, subangular	Metamorphic	Medium	15-Aug-2007	-	MG
38842	1000S	-2000	535739	6311734	0.20	Silt	2	Brown/orange	-	poor	Abundant	Cobble, subangular, rounded	Subangular = oxidized schist, rounded = gneissic	Low	15-Aug-2007	-	MG
38843	1000S	-1950	535783	6311759	0.20	Silt	3	Brown	-	poor	Abundant	Pebble	Metamorphic	Low	15-Aug-2007	-	MG
38844	1000S	-1900	535826	6311784	0.20	-	3	Brown	-	poor	Abundant	Pebble, angular	Metamorphic	Low	15-Aug-2007	-	MG
38845	1000S	-1850	535869	6311809	0.20	Till/silt	2	Brown	-	poor	Abundant	Pebble, subangular	Gneissic	Low	15-Aug-2007	-	MG
38846	1000S	-1650	536042	6311909	0.30	Silt	3	Brown	-	moderate	Trace	Pebble, subrounded	-	High	15-Aug-2007	-	MG
38847	1000S	-1550	536129	6311959	0.30	Silt	2	Brown	-	well	None	-	-	Medium	15-Aug-2007	-	MG
38848	1000S	-1500	536172	6311984	0.30	Silt	3	Brown	-	moderate	Rare	Pebble	Metamorphic	Low	15-Aug-2007	-	MG
38849	1000S	-1450	536216	6312009	0.40	Silt	3	Brown	-	-	None	-	-	High	15-Aug-2007	-	MG
38850	1000S	-1400	536259	6312034	0.20	Silt	2	Brown	-	moderate	Trace	Pebble, angular	Phyllite	Medium	15-Aug-2007	-	MG
38851	1000S	-1350	536302	6312059	0.20	Silt	2	Brown	-	poor	Abundant	Pebble, subangular	Metamorphic	None	15-Aug-2007	-	MG
28842	0	1750	538487	6314475	0.40	Soil	2	Medium brown	-	-	Trace	Pebble, angular-subangular	-	Low	16-Aug-2007	-	-
28843	0	1600	538357	6314400	0.40	Soil	3	Black/grey/light brown	-	-	None	-	-	High	16-Aug-2007	-	-
28844	0	1550	538313	6314375	0.30	Soil	5	Medium brown	-	-	Common	Pebble-cobble, subangular	-	Medium	16-Aug-2007	-	-
28845	0	1500	538270	6314350	0.50	Soil	4	Medium /dark brown	-	-	Rare	Cobble, subrounded	-	High	16-Aug-2007	-	-
28846	0	1450	538227	6314325	0.40	Soil	1	Dark brown/red	-	-	Common	Pebble, angular-subangular	-	Low	16-Aug-2007	-	-
28847	0	1400	538184	6314300	0.30	Soil	1	Dark brown/red	-	-	Common	-	-	Low	16-Aug-2007	-	-
28848	0	1350	538140	6314275	0.50	Soil	3	Black/medium brown	-	-	Trace	Pebble, subangular	-	High	16-Aug-2007	-	-
28849	0	1300	538097	6314250	0.50	Soil	1	Medium /dark brown	-	-	Trace	Pebble, subangular	-	High	16-Aug-2007	-	-
28850	0	1250	538054	6314225	-	Soil	1	Medium brown/black	-	-	Trace	Pebble, subrounded	-	High	16-Aug-2007	-	-
38876	0	-1650	535542	6312775	0.50	Soil	2	Medium brown	-	-	Abundant	Pebble-cobble, subangular-subrounded	-	Low	16-Aug-2007	-	-
38877	0	-1700	535499	6312750	0.40	Soil	1	Orange/black	-	-	Trace	Pebble, subrounded	-	High	16-Aug-2007	-	-
38901	0	1200	538010	6314200	0.50	Soil	2	Grey	-	-	Common	Pebble, subangular	-	Low	16-Aug-2007	-	-
38902	0	1150	537967	6314175	0.40	Soil	2	Medium brown	-	-	Trace	Pebble, subangular	-	Low	16-Aug-2007	-	-
38903	0	1100	537924	6314150	-	Soil	2	Medium brown	-	-	Trace	Pebble, angular	-	Medium	16-Aug-2007	-	-
38904	0	950	537794	6314075	0.40	Soil	2	Medium brown/black	-	-	-	Granular-Pebble, subangular	-	High	16-Aug-2007	-	-
38905	0	900	537751	6314050	0.40	Soil	2	Medium brown/black	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
38906	0	850	537707	6314025	0.30	Soil	1	Medium brown/red	-	-	Common	Pebble-cobble, subangular-angular	-	Low	16-Aug-2007	-	-
38907	0	750	537621	6313975	0.40	Soil	2	Medium /light brown	-	-	Common	Pebble, subangular-angular	-	Medium	16-Aug-2007	-	-
38908	0	700	537577	6313950	0.40	Soil	1	Dark brown	-	-	Common	Pebble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
38909	0	650	537534	6313925	0.30	Soil	2	Medium /dark brown	-	-	Trace	Pebble, angular	-	Medium	16-Aug-2007	-	-
38910	0	600	537491	6313900	0.40	Soil	2	Medium brown	-	-	Trace	Pebble, subangular-subrounded	-	Low	16-Aug-2007	-	-
38911	0	400	537318	6313800	0.30	Soil	2	Medium brown/black	-	-	Abundant	Pebble-cobble, subangular-angular	-	High	16-Aug-2007	-	-
38912	0	350	537274	6313775	0.30	Soil	2	Medium /light grey	-	-	Common	Pebble, angular	-	Low	16-Aug-2007	-	-
38913	0	300	537231	6313750	0.40	Soil	5	Dark brown/black	-	-	None	-	-	High	16-Aug-2007	-	-
38914	0	200	537144	6313700	0.40	Soil	4	Medium /light grey	-	-	-	Granular-cobble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
38915	0	150	537101	6313675	0.40	Soil	3	Light /dark grey	-	-	-	Granular-cobble, subangular-subrounded	-	Low	16-Aug-2007	-	-
38916	0	100	537058	6313650	-	Soil	2	Dark brown/black	-	-	-	Granular-Pebble, subangular-angular	-	High	16-Aug-2007	-	-
38917	0	50	537014	6313625	0.30	Soil	2	Medium brown	-	-	Trace	Pebble, subangular	-	High	16-Aug-2007	-	-
38918	0	0	536971	6313600	0.50	Soil	1	Medium brown/orange/light grey	-	-	-	Granular-cobble, subangular-subrounded	-	Low	16-Aug-2007	-	-
38919	0	-50	536928	6313575	0.40	Soil	1	Medium brown/orange	-	-	Abundant	Pebble, subangular-angular	-	Low	16-Aug-2007	-	-
38920	0	-100	536885	6313550	0.30	Soil	1	Medium brown/orange	-	-	-	Pebble-cobble, subangular-subrounded	-	Low	16-Aug-2007	-	-
38921	0	-150	536841	6313525	0.40	Soil	1	Brown/medium grey	-	-	Abundant	Pebble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
38922	0	-200	536798	6313500	0.30	Soil	3	Brown/medium grey	-	-	Common	Pebble-cobble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
38923	0	-250	536755	6313475	-	Soil	2	Dark brown/black	-	-	Trace	Pebble, angular	-	High	16-Aug-2007	-	-
38924	0	-300	536711	6313450	0.30	Soil	2	Dark brown	-	-	Trace	Pebble, subangular	-	Medium	16-Aug-2007	-	-
38925	0	-350	536668	6313425	0.30	Soil	1	Medium brown/light grey	-	-	-	Granular-Pebble, subangular	-	Low	16-Aug-2007	-	-
39351	0	-400	536625	6313400	0.30	Soil	-	Medium brown/orange	-	-	Trace	Pebble, angular	-	Low	16-Aug-2007	-	-
39352	0	-450	536581	6313375	0.30	Soil	1	Medium brown/light grey	-	-	Common	Pebble, subangular	-	Low	16-Aug-2007	-	-
39353	0	-500	536538	6313350	0.30	Soil	1	Medium brown	-	-	Common	Pebble, subangular	-	Medium	16-Aug-2007	-	-
39354	0	-550	536495	6313325	0.30	Soil	2	Medium brown/black	-	-	Trace	Pebble, subangular	-	Medium	16-Aug-2007	-	-
39355	0	-600	536452	6313300	0.40	Soil	3	Medium brown	-	-	Trace	Pebble, subangular	-	Medium	16-Aug-2007	-	-
39356	0	-650	536408	6313275	0.50	Soil	2	Medium /dark brown	-	-	Trace	Pebble, angular	-	High	16-Aug-2007	-	-
39357	0	-700	536365	6313250	0.50	Soil	1	Dark brown/black	-	-	Common	Pebble-cobble, subangular	-	Medium	16-Aug-2007	-	-
39358	0	-750	536322	6313225	-	Soil	1	Medium brown/red	-	-	Abundant	Pebble-cobble, subangular-subrounded	-	Low	16-Aug-2007	-	-
39359	0	-800	536278	6313200	0.50	Soil	1	Medium brown/black	-	-	Trace	Pebble, subangular	-	Medium	16-Aug-2007	-	-
39360	0	-850	536235	6313175	0.50	Soil	2	Black	-	-	None	-	-	High	16-Aug-2007	-	-
39361	0	-900	536192	6313150	0.30	Soil	5	Medium /light brown	-	-	Common	Pebble-cobble, subangular-subrounded	-	Low	16-Aug-2007	-	-



Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet*	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
39362	0	-950	536148	6313125	0.30	Soil	1	Medium brown/orange	-	-	Common	Pebble-cobble, subangular	-	Medium	16-Aug-2007	-	-
39363	0	-1000	536105	6313100	0.40	Soil	1	Medium brown	-	-	Common	Pebble-cobble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
39364	0	-1050	536062	6313075	0.30	Soil	1	Medium /light brown	-	-	Abundant	Pebble-cobble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
39365	0	-1100	536019	6313050	0.40	Soil	1	Medium brown/grey	-	-	Common	Pebble-cobble, subangular-angular	-	Low	16-Aug-2007	-	-
39366	0	-1150	535975	6313025	0.50	Soil	1	Medium brown/orange/grey	-	-	Common	Pebble-cobble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
39367	0	-1200	535932	6313000	0.40	Soil	1	Medium brown/black	-	-	Common	Pebble, subangular-subrounded	-	Low	16-Aug-2007	-	-
39368	0	-1250	535889	6312975	0.40	Soil	2	medium brown	-	-	Trace	Pebble, subangular	-	Low	16-Aug-2007	-	-
39369	0	-1300	535845	6312950	0.40	Soil	1	Medium /dark brown	-	-	Common	Pebble, subangular-subrounded	-	Medium	16-Aug-2007	-	-
39370	0	-1350	535802	6312925	0.40	Soil	1	Medium brown/black	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Low	16-Aug-2007	-	-
39371	0	-1400	535759	6312900	0.40	Soil	1	Medium /light brown	-	-	Common	Pebble-cobble, subangular-angular	-	Low	16-Aug-2007	-	-
39372	0	-1450	535715	6312875	0.70	Soil	2	Dark brown/black	-	-	None	-	-	Medium	16-Aug-2007	-	-
39373	0	-1500	535672	6312850	0.40	Soil	1	Medium brown/orange	-	-	Trace	Pebble, subangular-subrounded	-	Low	16-Aug-2007	-	-
39374	0	-1550	535629	6312825	0.40	Soil	1	Medium /dark brown/red	-	-	Trace	Pebble-cobble, subrounded	-	Medium	16-Aug-2007	-	-
39375	0	-1600	535586	6312800	0.40	Soil	2	Medium /dark brown/black	-	-	-	Granual-pebble, subangular	-	Medium	16-Aug-2007	-	-
28851	0	-1750	535456	6312725	0.30	Soil	1	Medium brown	-	-	Trace	Pebble-cobble, subangular	-	Medium	17-Aug-2007	-	-
28852	0	-1800	535412	6312700	0.30	Soil	5	Medium /light brown	-	-	Abundant	Pebble-cobble, subrounded-subangular	-	High	17-Aug-2007	-	-
28853	0	-1900	535326	6312650	0.40	Soil	2	Medium brown	-	-	Common	Pebble-cobble, angular-subangular	-	Medium	17-Aug-2007	-	-
28854	0	-1950	535282	6312625	0.30	Soil	1	Dark brown/black	-	-	None	-	-	High	17-Aug-2007	-	-
28855	0	-2000	535239	6312600	0.40	Soil	1	Medium brown	-	-	Abundant	Pebble-cobble, angular	-	Medium	17-Aug-2007	-	-
28856	0	-2050	535196	6312575	0.30	Soil	2	Medium brown	-	-	Common	Pebble, angular-subangular	-	Medium	17-Aug-2007	-	-
28857	0	-2150	535109	6312525	0.30	Soil	2	Medium brown/orange	-	-	Common	Pebble-cobble, subrounded-subangular	-	Medium	17-Aug-2007	-	-
28858	0	-2200	535066	6312500	0.30	Soil	1	Dark brown	-	-	Trace	Pebble, subangular	-	High	17-Aug-2007	-	-
28859	0	-2250	535023	6312475	0.30	Soil	1	Medium /dark brown	-	-	Common	Pebble, subangular	-	Low	17-Aug-2007	-	-
28860	0	-2300	534979	6312450	0.40	Soil	3	Dark brown/black	-	-	Trace	Pebble, angular	-	High	17-Aug-2007	-	-
28861	0	-2350	534936	6312425	0.40	Soil	2	Dark brown	-	-	Common	Pebble, subangular-subrounded	-	Medium	17-Aug-2007	-	-
28862	0	-2400	534893	6312400	0.40	Soil	1	Brown/orange/red	-	-	Common	Pebble, subangular	-	Low	17-Aug-2007	-	-
28863	0	-2450	534849	6312375	-	Soil	2	Medium /dark brown	-	-	Common	Pebble, subangular	-	Medium	17-Aug-2007	-	-
28864	0	-2500	534806	6312350	0.40	Soil	1	Medium brown/orange	-	-	Trace	Pebble, subangular	-	Low	17-Aug-2007	-	-
28865	0	-2550	534763	6312325	0.30	Soil	2	Light brown/orange/red	-	-	Common	Pebble, angular-subangular	-	Medium	17-Aug-2007	-	-
28866	0	-2600	534720	6312300	0.50	Soil	2	Medium /dark brown	-	-	Common	Pebble, angular	-	Low	17-Aug-2007	-	-
28867	0	-2650	534676	6312275	0.40	Soil	2	Dark brown/black	-	-	None	-	-	Medium	17-Aug-2007	-	-
28868	0	-2700	534633	6312250	0.30	Soil	3	Medium brown/black/grey	-	-	Abundant	Pebble-cobble, angular	-	Medium	17-Aug-2007	-	-
28869	0	-2750	534590	6312225	0.40	Soil	2	Black/dark grey	-	-	None	-	-	High	17-Aug-2007	-	-
28870	0	-2800	534546	6312200	0.40	Soil	-	Medium brown/orange	-	-	Common	Pebble-cobble, subrounded-subangular	-	Medium	17-Aug-2007	-	-
28871	0	-2850	534503	6312175	0.30	Soil	3	Medium /light brown	-	-	Trace	Pebble, subangular	-	Low	17-Aug-2007	-	-
28872	0	-2900	534460	6312150	0.30	Soil	4	Medium /dark brown	-	-	Trace	Pebble, angular	-	Medium	17-Aug-2007	-	-
28873	0	-2950	534417	6312125	0.50	Soil	2	Grey/black	-	-	None	-	-	High	17-Aug-2007	-	-
28874	0	-3000	534374	6312100	0.40	Soil	3	Dark brown/black/grey	-	-	Abundant	Pebble-cobble, subangular-angular	-	High	17-Aug-2007	-	-
28875	0	-3050	534331	6312075	0.40	Soil	2	Medium brown	-	-	Abundant	Pebble, angular	-	Low	17-Aug-2007	-	-
38801	0	-3100	534288	6312050	0.40	Soil	3	Black/grey/orange/red	-	-	Trace	Pebble, angular	-	Medium	17-Aug-2007	-	-
38802	0	-3150	534245	6312025	0.40	Soil	1	Dark brown/black/red	-	-	Common	Pebble, angular	-	Low	17-Aug-2007	-	-
38803	0	-3200	534202	6312000	0.30	Soil	2	Dark brown/black	-	-	Common	Pebble, angular	-	High	17-Aug-2007	-	-
38804	1000S	-350	537168	6312559	0.40	Soil	3	Light brown/grey/orange	-	-	Common	Pebble, angular-subangular	-	Low	17-Aug-2007	-	-
38805	1000S	-300	537211	6312584	0.40	Soil	2	Medium /Light brown/grey	-	-	Common	Pebble, subangular	-	Low	17-Aug-2007	-	-
38806	1000S	-250	537255	6312609	0.50	Soil	2	Medium brown/red	-	-	Common	-	-	Low	17-Aug-2007	-	-
38807	1000S	-200	537298	6312634	0.50	Soil	2	Medium brown/grey	-	-	Common	Pebble-cobble, angular-subangular	-	Low	17-Aug-2007	-	-
38808	1000S	-150	537341	6312659	0.40	Soil	3	Medium /dark brown	-	-	None	-	-	High	17-Aug-2007	-	-
38809	1000S	-100	537385	6312684	0.30	Soil	3	Medium brown	-	-	None	-	-	High	17-Aug-2007	-	-
38810	1000S	-50	537428	6312709	0.30	Soil	3	Medium brown/grey	-	-	Common	Pebble-cobble, subangular	-	Medium	17-Aug-2007	-	-
38811	1000S	0	537471	6312734	0.40	Soil	3	medium brown	-	-	-	Granule-cobble	-	Medium	17-Aug-2007	-	-
38812	1000S	50	537515	6312759	0.40	Soil	2	Medium /light brown	-	-	Abundant	Pebble-cobble, subangular	-	Low	17-Aug-2007	-	-
38813	1000S	100	537558	6312784	0.30	Soil	2	Medium /light brown	-	-	Common	Pebble-cobble, subangular-subrounded	-	Low	17-Aug-2007	-	-
38814	1000S	200	537644	6312834	0.30	Soil	3	Medium brown/grey	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Low	17-Aug-2007	-	-
38815	1000S	250	537688	6312859	0.50	Soil	2	Dark grey	-	-	Trace	Pebble, subrounded	-	Low	17-Aug-2007	-	-
38816	1000S	300	537731	6312884	0.40	Soil	2	Medium brown/orange	-	-	Trace	Pebble, subrounded	-	High	17-Aug-2007	-	-

Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet**	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
38817	1000S	700	538077	6313084	0.40	Soil	2	Black	-	-	Trace	Pebble, subrounded	-	High	17-Aug-2007	-	-
38818	1000S	750	538121	6313109	0.40	Soil	2	Medium/light brown	-	-	Trace	Pebble, subrounded	-	Low	17-Aug-2007	-	-
38819	1000S	800	538164	6313134	0.40	Soil	2	Medium brown	-	-	Common	Pebble, angular-subangular	-	Low	17-Aug-2007	-	-
38820	1000S	850	538207	6313159	0.40	Soil	3	Medium brown/black	-	-	Common	Pebble-cobble, subangular-subrounded	-	High	17-Aug-2007	-	-
38821	1000S	950	538294	6313209	0.40	Soil	2	Medium brown/black	-	-	Common	Pebble, subangular	-	Low	17-Aug-2007	-	-
38822	1000S	1000	538337	6313234	0.30	Soil	2	Medium/dark brown	-	-	Common	Pebble, subangular-subrounded	-	High	17-Aug-2007	-	-
38823	1000S	1050	538381	6313259	0.40	Soil	2	Medium brown/orange	-	-	Common	Pebble-cobble, angular-subangular	-	Low	17-Aug-2007	-	-
38824	1000S	1100	538424	6313284	0.30	Soil	2	Medium brown	-	-	Common	Pebble, angular-subangular	-	Low	17-Aug-2007	-	-
38825*	1000S	1150	538467	6313309	0.60	Soil	2	Dark brown	-	-	None	-	-	High	17-Aug-2007	-	-
38878	1000S	1200	538510	6313334	-	Soil	2	Light brown/black	-	-	None	-	-	High	17-Aug-2007	-	-
38879	1000S	1250	538554	6313359	0.30	Soil	1	Medium brown/orange	-	-	Trace	Pebble, angular	-	Low	17-Aug-2007	-	-
38880	1000S	1300	538597	6313384	0.40	Soil	1	Light brown/orange	-	-	Common	Pebble, subangular-angular	-	Low	17-Aug-2007	-	-
38881	1000S	1350	538640	6313409	0.40	Soil	1	Light brown/orange	-	-	Common	Pebble, subangular-angular	-	Low	17-Aug-2007	-	-
38882	1000S	1400	538684	6313434	0.30	Soil	1	Light brown/orange	-	-	Trace	Pebble, angular	-	Low	17-Aug-2007	-	-
38883	1000S	1450	538727	6313459	0.30	Soil	3	Medium brown	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Low	17-Aug-2007	-	-
38884	1000S	1500	538770	6313484	0.30	Soil	2	Medium/dark brown	-	-	Trace	Pebble, angular	-	Low	17-Aug-2007	-	-
38885	1000S	1550	538814	6313509	0.40	Soil	2	Dark brown/black	-	-	None	-	-	High	17-Aug-2007	-	-
38886	1000S	1600	538857	6313534	0.40	Soil	2	Medium/dark brown	-	-	Trace	Pebble, angular	-	Medium	17-Aug-2007	-	-
38887	1000S	1650	538900	6313559	0.40	Soil	3	Dark brown	-	-	Trace	Pebble, angular	-	Medium	17-Aug-2007	-	-
38888	1000S	1700	538943	6313584	0.50	Soil	2	Medium brown	-	-	Common	Pebble-cobble, subangular-subrounded	-	Medium	17-Aug-2007	-	-
38889	1000S	1750	538987	6313609	0.40	Soil	1	Medium/dark brown	-	-	Trace	Pebble, angular	-	Low	17-Aug-2007	-	-
38890	1000S	1800	539030	6313634	0.40	Soil	2	Dark brown/black	-	-	Trace	Pebble-cobble, angular	-	Medium	17-Aug-2007	-	-
28876	1000N	2300	538463	6315616	0.30	Soil	2	Dark brown/black	-	-	None	-	-	High	18-Aug-2007	-	-
28877	1000N	2250	538420	6315591	0.40	Soil	2	Medium/light brown	-	-	Common	Pebble-cobble, subrounded-angular	-	Medium	18-Aug-2007	-	-
28878	1000N	2200	538376	6315566	0.40	Soil	2	Medium brown/black	-	-	Common	Pebble, subangular	-	Medium	18-Aug-2007	-	-
28879	1000N	2150	538333	6315541	0.40	Soil	1	Medium brown/orange	-	-	Common	Pebble-cobble, subangular-angular	-	Low	18-Aug-2007	-	-
28880	1000N	2100	538290	6315516	0.40	Soil	1	Medium brown/grey	-	-	Common	Pebble, angular	-	Low	18-Aug-2007	-	-
28881	1000N	2050	538246	6315491	0.40	Soil	1	Medium brown/grey	-	-	Abundant	Pebble-cobble, angular	-	Low	18-Aug-2007	-	-
28882	1000N	1950	538160	6315441	0.40	Soil	1	Medium brown/orange	-	-	Abundant	Pebble-cobble, angular	-	Medium	18-Aug-2007	-	-
28883	1000N	1900	538117	6315416	0.40	Soil	1	Medium brown/orange	-	-	Abundant	Pebble-cobble, subangular-angular	-	Low	18-Aug-2007	-	-
28884	1000N	1850	538073	6315391	0.30	Soil	1	Medium brown	-	-	Abundant	Pebble-cobble, subangular-angular	-	Medium	18-Aug-2007	-	-
28885	1000N	1800	538030	6315366	0.50	Soil	1	Medium brown	-	-	Common	Pebble, angular	-	Low	18-Aug-2007	-	-
28886	1000N	1750	537987	6315341	0.40	Soil	1	Medium brown	-	-	Common	Pebble, angular	-	Medium	18-Aug-2007	-	-
28887	1000N	1700	537943	6315316	0.40	Soil	1	Medium brown/orange	-	-	Common	Pebble, angular	-	Low	18-Aug-2007	-	-
28888	1000N	1650	537900	6315291	0.40	Soil	1	Medium brown/orange	-	-	Common	Pebble, angular	-	Medium	18-Aug-2007	-	-
28889	1000N	1600	537857	6315266	0.50	Soil	1	Medium/dark brown	-	-	Trace	Pebble, angular	-	Low	18-Aug-2007	-	-
28890	1000N	1550	537813	6315241	0.30	Soil	1	Medium brown	-	-	Common	Pebble-cobble, angular	-	Low	18-Aug-2007	-	-
28891	1000N	1500	537770	6315216	0.30	Soil	2	Dark brown/black	-	-	Common	Pebble-cobble, subangular	-	High	18-Aug-2007	-	-
28892	1000N	1450	537727	6315191	0.40	Soil	1	Medium brown/orange	-	-	Common	Pebble-cobble, subangular-angular	-	Low	18-Aug-2007	-	-
28893	1000N	1400	537687	6315166	0.50	Soil	2	Dark brown/black	-	-	Trace	Pebble, subangular	-	High	18-Aug-2007	-	-
28894	1000N	1300	537597	6315116	0.30	Soil	2	Medium/dark brown/black	-	-	Common	Pebble-cobble, subangular-angular	-	High	18-Aug-2007	-	-
28895	1000N	1250	537554	6315091	0.40	Soil	2	Medium brown/grey	-	-	Trace	Pebble, subangular	-	Low	18-Aug-2007	-	-
28896	1000N	1200	537510	6315066	0.40	Soil	2	Medium brown	-	-	Common	Pebble, subangular-subrounded	-	Low	18-Aug-2007	-	-
28897	1000N	1100	537424	6315016	0.50	Soil	2	Medium brown	-	-	Trace	Pebble, subangular-subrounded	-	Medium	18-Aug-2007	-	-
28898	1000N	1050	537380	6314991	0.40	Soil	2	Medium brown	-	-	Common	Pebble, subangular-subrounded	-	Medium	18-Aug-2007	-	-
28899	1000N	1000	537337	6314966	0.60	Soil	1	Medium/dark brown/black	-	-	Trace	Pebble, subangular-angular	-	Medium	18-Aug-2007	-	-
28900	1000N	950	537294	6314941	0.70	Soil	3	Black/grey	-	-	Trace	Pebble, subangular	-	High	18-Aug-2007	-	-
28901	1000N	900	537251	6314916	0.40	Soil	2	Medium brown/grey	-	-	Abundant	Pebble, subangular-angular	-	Low	18-Aug-2007	-	-
28902	1000N	800	537164	6314866	0.40	Soil	2	Dark brown/black	-	-	-	Granular	-	High	18-Aug-2007	-	-
28903	1000N	750	537121	6314841	0.40	Soil	4	Medium brown	-	-	Common	Pebble, subangular	-	Low	18-Aug-2007	-	-
28904	1000N	700	537077	6314816	0.30	Soil	2	Medium brown/grey	-	-	Common	Pebble, angular	-	Low	18-Aug-2007	-	-
28905	1000N	650	537034	6314791	0.40	Soil	2	Medium/dark brown/orange	-	-	Common	Cobble, subrounded	-	High	18-Aug-2007	-	-
28906	1000N	600	536991	6314766	0.30	Soil	1	Medium light brown	-	-	Common	Pebble-cobble, subangular-angular	-	Low	18-Aug-2007	-	-
28907	1000N	550	536947	6314741	0.30	Soil	1	Medium brown/orange	-	-	Common	Pebble, subangular	-	Low	18-Aug-2007	-	-
28908	1000N	500	536904	6314716	0.40	Soil	1	Medium brown/orange/grey	-	-	Abundant	Pebble, subangular-subrounded	-	Low	18-Aug-2007	-	-
28909	1000N	450	536861	6314691	-	Soil	1	Medium brown	-	-	Abundant	Pebble, subangular-subrounded	-	Low	18-Aug-2007	-	-
28910	1000N	400	536818	6314666	0.50	Soil	3	Medium/dark grey/black	-	-	-	Granular-cobble, subangular-subrounded	-	Low	18-Aug-2007	-	-
28911	1000N	350	536774	6314641	0.40	Soil	3	Medium grey	-	-	-	Granular-Pebble, subangular-subrounded	-	Low	18-Aug-2007	-	-







Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet**	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
38942	3000N	-2700	533133	6314848	0.30	Soil	2	Medium brown	-	-	Common	Pebble-cobble, subangular-angular	-	Low	20-Aug-2007	-	JD
38943	3000N	-2650	533176	6314873	0.30	Soil	1	Light brown/orange	-	-	Trace	Pebble, subangular	-	Low	20-Aug-2007	-	JD
38944	3000N	-2600	533219	6314898	0.30	Soil	2	Light brown/light grey	-	-	Trace	Pebble, subangular	-	Low	20-Aug-2007	-	JD
38945	3000N	-2400	533393	6314998	0.30	Soil	3	Light brown/dark grey	-	-	Trace	Pebble-cobble, subangular	-	Low	20-Aug-2007	-	JD
38946	3000N	-2350	533436	6315023	0.30	Soil	3	Light brown/orange/grey	-	-	None	-	-	Medium	20-Aug-2007	-	JD
38947	3000N	-2300	533479	6315048	0.20	Soil	4	Light brown/dark grey	-	-	Common	Pebble-cobble, subangular-angular	-	Low	20-Aug-2007	-	JD
38948	3000N	-2250	533523	6315073	0.40	Soil	5	Medium brown/orange/dark grey	-	-	Trace	Pebble-cobble, subangular-angular	-	Low	20-Aug-2007	-	JD
38949	3000N	-2200	533566	6315098	0.30	Soil	4	Dark grey/orange	-	-	None	-	-	Medium	20-Aug-2007	-	JD
38950	3000N	-1800	533912	6315298	0.30	Soil	2	Light brown/black	-	-	Trace	Pebble, angular	-	High	20-Aug-2007	-	JD
38951	3000N	-1750	533956	6315323	0.30	Soil	1	Light brown/orange	-	-	Trace	Pebble-cobble, subangular-angular	-	Medium	20-Aug-2007	-	JD
38952	3000N	-1700	533999	6315348	0.30	Soil	1	Brown/orange	-	-	Trace	Pebble, subangular-angular	-	Medium	20-Aug-2007	-	JD
38953	3000N	-1650	534042	6315373	0.30	Soil	1	Medium brown	-	-	Common	Pebble, subangular	-	Medium	20-Aug-2007	-	JD
38954	3000N	-1600	534085	6315398	0.40	Soil	2	Brown/light orange/black	-	-	Abundant	Pebble-cobble, subangular-angular	-	High	20-Aug-2007	-	JD
38955	3000N	-1550	534129	6315423	0.40	Soil	3	Medium brown/black	-	-	Abundant	Pebble-cobble, subangular-subrounded	-	High	20-Aug-2007	-	JD
38956	3000N	-1500	534172	6315448	0.30	Soil	1	Light/dark brown	-	-	Common	Pebble, subangular	-	Medium	20-Aug-2007	-	JD
38957	3000N	-1450	534215	6315473	0.30	Soil	1	Dark brown/orange	-	-	Common	Pebble, subangular-subrounded	-	Medium	20-Aug-2007	-	JD
38958	3000N	-1400	534259	6315498	0.30	Soil	1	Dark brown	-	-	Common	Pebble, subangular	-	High	20-Aug-2007	-	JD
38959	3000N	-1350	534302	6315523	0.50	Soil	-	Dark brown/orange	-	-	Common	Pebble-cobble, subangular-angular	-	Medium	20-Aug-2007	-	JD
38960	3000N	-1300	534345	6315548	0.40	Soil	2	Dark brown/orange	-	-	Common	Pebble-cobble, subangular-subrounded	-	Medium	20-Aug-2007	-	JD
38961	3000N	-1250	534389	6315573	0.30	Soil	1	Medium brown/grey	-	-	Trace	Pebble-cobble, subangular-angular	-	High	20-Aug-2007	-	JD
38962	3000N	-1200	534432	6315598	0.30	Soil	1	Medium brown/black	-	-	Trace	Pebble, subangular	-	Low	20-Aug-2007	-	JD
38963	3000N	-1100	534605	6315698	0.30	Soil	3	Dark brown/black	-	-	Trace	Pebble, subangular	-	High	20-Aug-2007	-	JD
38964	3000N	-950	534648	6315723	0.30	Soil	2	Dark brown	-	-	Trace	Pebble-cobble, subangular	-	Medium	20-Aug-2007	-	JD
38965	3000N	-900	534692	6315748	0.40	Soil	3	Dark brown/black	-	-	Trace	Pebble, subrounded	-	Medium	20-Aug-2007	-	JD
38966	3000N	-850	534735	6315773	0.40	Soil	2	Dark brown	-	-	Trace	Pebble, subangular-angular	-	High	20-Aug-2007	-	KS
38967	3000N	-800	534778	6315798	0.30	Soil	1	Medium brown/orange	-	-	Trace	Pebble, subangular-angular	-	Low	20-Aug-2007	-	KS
38968	3000N	-750	534822	6315823	0.30	Soil	2	Medium brown/orange	-	-	Trace	Pebble, angular	-	Low	20-Aug-2007	-	KS
38969	3000N	-700	534865	6315848	0.30	Soil	2	Medium brown	-	-	Trace	Pebble, angular	-	Low	20-Aug-2007	-	KS
29934	3000N	1650	536900	6317023	0.30	Soil	2	Medium brown	-	-	Common	Pebble-cobble, angular-subangular	-	Low	21-Aug-2007	-	MH
29935	3000N	1600	536857	6316998	0.30	Soil	3	Medium/dark brown	-	-	None	-	-	Low	21-Aug-2007	-	MH
29936	3000N	1450	536727	6316923	0.40	Soil	3	Light brown/grey	-	-	Abundant	Granular-cobble, subangular-subrounded	-	Low	21-Aug-2007	-	MH
29937	3000N	1400	536683	6316898	0.50	Soil	3	Medium/dark brown	-	-	Common	Pebble, subangular	-	Medium	21-Aug-2007	-	MH
29938	3000N	1350	536640	6316873	0.40	Soil	1	Medium brown/orange	-	-	Trace	Pebble, subangular	-	Low	21-Aug-2007	-	MH
29939	3000N	1300	536597	6316848	0.60	Soil	2	Medium brown/grey	-	-	None	-	-	Medium	21-Aug-2007	-	MH
29940	3000N	1250	536554	6316823	0.40	Soil	2	Medium/dark brown	-	-	Common	Pebble, angular-subangular	-	Medium	21-Aug-2007	-	MH
29941	3000N	1200	536510	6316798	0.40	Soil	1	Medium/light brown	-	-	Abundant	Pebble-cobble, angular-subangular	-	Medium	21-Aug-2007	-	MH
29942	3000N	1150	536467	6316773	0.30	Soil	1	Medium/light brown	-	-	Abundant	Pebble, angular-subangular	-	Medium	21-Aug-2007	-	MH
29943	3000N	1100	536424	6316748	0.30	Soil	1	Medium brown/orange	-	-	Common	Pebble, angular-subangular	-	High	21-Aug-2007	-	MH
29944	3000N	1050	536380	6316723	0.40	Soil	2	Medium/dark brown	-	-	Common	Pebble-cobble, subangular	-	High	21-Aug-2007	-	MH
29945	3000N	1000	536337	6316698	0.40	Soil	2	Medium/dark brown	-	-	Common	Pebble, angular-subangular	-	High	21-Aug-2007	-	MH
29946	3000N	950	536294	6316673	0.40	Soil	2	Medium brown/orange	-	-	Common	Pebble-cobble, subangular-subrounded	-	Medium	21-Aug-2007	-	MH
29947	3000N	900	536250	6316648	0.40	Soil	2	Medium brown/black	-	-	Trace	Cobble, subrounded	-	High	21-Aug-2007	-	MH
29948	3000N	850	536207	6316623	0.40	Soil	4	Black	-	-	Trace	Cobble, subrounded	-	High	21-Aug-2007	-	MH
29949	3000N	800	536164	6316598	0.40	Soil	-	/	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Medium	21-Aug-2007	-	MH
29950	3000N	750	536121	6316573	0.40	Soil	2	Medium brown/orange	-	-	Trace	Pebble, subangular	-	Medium	21-Aug-2007	-	MH
38976	3000N	700	536077	6316548	0.30	Soil	1	Medium brown/orange	-	-	Common	Pebble, subangular-angular	-	Low	21-Aug-2007	-	-
38977	3000N	650	536034	6316523	0.40	Soil	2	Dark brown/black	-	-	Trace	Pebble, subangular-angular	-	High	21-Aug-2007	-	-
38978	3000N	600	535991	6316498	0.40	Soil	1	Medium brown	-	-	Trace	Pebble, subrounded	-	Medium	21-Aug-2007	-	-
38979	3000N	550	535947	6316473	0.40	Soil	3	Dark brown	-	-	Common	Pebble-cobble, subrounded	-	Medium	21-Aug-2007	-	-
38980	3000N	450	535861	6316423	0.50	Soil	2	Dark brown	-	-	Trace	Pebble, subangular-subrounded	-	Medium	21-Aug-2007	-	-
38981	3000N	400	535817	6316398	0.30	Soil	1	Medium brown/orange	-	-	Trace	Pebble, subangular	-	Medium	21-Aug-2007	-	-
38982	3000N	350	535774	6316373	0.50	Soil	2	Medium/light brown	-	-	None	-	-	Medium	21-Aug-2007	-	-
38983	3000N	300	535731	6316348	0.40	Soil	2	Black	-	-	None	-	-	High	21-Aug-2007	-	-
38984	3000N	250	535688	6316323	0.40	Soil	3	Medium brown/black	-	-	None	-	-	Medium	21-Aug-2007	-	-
38985	3000N	200	535644	6316298	0.30	Soil	1	Medium brown/orange	-	-	Common	Pebble-cobble, subangular-angular	-	Low	21-Aug-2007	-	-
38986	3000N	150	535601	6316273	0.30	Soil	2	Black/grey	-	-	None	-	-	High	21-Aug-2007	-	-
38987	3000N	100	535558	6316248	0.40	Soil	1	Black/grey	-	-	Abundant	Pebble, angular	-	High	21-Aug-2007	-	-

Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet*	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
38988	3000N	50	535514	6316223	0.50	Soil	3	Black	-	-	None	-	-	High	21-Aug-2007	-	-
38989	3000N	0	535471	6316198	0.30	Soil	1	Medium brown/orange	-	-	Trace	Pebble-cobble, subangular-angular	-	Low	21-Aug-2007	-	-
38990	3000N	-50	535428	6316173	0.40	Soil	4	Dark brown/grey	-	-	-	Granular	-	Low	21-Aug-2007	-	-
38991	3000N	-100	535384	6316148	0.30	Soil	1	Medium brown/orange	-	-	Common	Pebble, subangular-subrounded	-	Medium	21-Aug-2007	-	-
38992	3000N	-200	535298	6316098	0.30	Soil	2	Brown/black	-	-	Abundant	Cobble, subangular-subrounded	-	High	21-Aug-2007	-	-
38993	3000N	-250	535255	6316073	0.40	Soil	2	Dark brown/black	-	-	None	-	-	High	21-Aug-2007	-	-
38994	3000N	-350	535168	6316023	0.40	Soil	2	Medium/dark brown/red	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Medium	21-Aug-2007	-	-
38995	3000N	-400	535125	6315998	0.40	Soil	2	Dark brown/black	-	-	None	-	-	High	21-Aug-2007	-	-
38996	3000N	-450	535081	6315973	0.40	Soil	2	Dark brown/black	-	-	None	-	-	High	21-Aug-2007	-	-
38997	3000N	-500	535038	6315948	0.30	Soil	1	Medium brown	-	-	Common	Pebble, subangular	-	Medium	21-Aug-2007	-	-
38998	3000N	-550	534995	6315923	0.30	Soil	1	Medium brown/orange	-	-	Abundant	Pebble-cobble, subangular-angular	-	Medium	21-Aug-2007	-	-
38999	3000N	-600	534951	6315898	0.30	Soil	1	Medium brown/orange/red	-	-	Trace	Cobble, subangular-angular	-	Medium	21-Aug-2007	-	-
39000	3000N	-650	534908	6315873	0.30	Soil	1	Medium brown/black	-	-	None	-	-	High	21-Aug-2007	-	-
38970	5000N	2250	536420	6319055	0.50	Soil	1	Medium brown/orange	-	-	Common	Pebble-cobble, subangular-subrounded	-	Low	22-Aug-2007	-	MH
38971	5000N	2200	536376	6319030	0.30	Soil	1	Medium brown/orange	-	-	Trace	Pebble, subangular	-	Low	22-Aug-2007	-	MH
38972	5000N	2100	536290	6318980	0.30	Soil	1	Light brown/grey	-	-	Common	Pebble-cobble, subangular	-	Low	22-Aug-2007	-	MH
38973	5000N	2050	536246	6318955	0.40	Soil	2	Dark brown	-	-	Trace	Pebble-cobble, subangular	-	Low	22-Aug-2007	-	MH
38974	5000N	1950	536160	6318905	0.40	Soil	2	Light brown/grey	-	-	None	-	-	Medium	22-Aug-2007	-	MH
38975	5000N	1900	536116	6318880	0.30	Soil	1	Medium brown/orange	-	-	Common	Pebble-cobble angular	-	Medium	22-Aug-2007	-	MH
39026	5000N	1850	536073	6318855	0.40	Soil	1	Medium brown/orange	-	-	Trace	Cobble, subangular-subrounded	-	Low	22-Aug-2007	-	MH
39027	5000N	1800	536030	6318830	0.40	Soil	1	Grey	-	-	-	-	-	Low	22-Aug-2007	-	MH
39028	5000N	1650	535900	6318755	0.40	Soil	3	Black/grey	-	-	-	Granular	-	Medium	22-Aug-2007	-	MH
39029	5000N	1600	535857	6318730	0.40	Soil	2	Dark brown	-	-	-	Granular	-	Low	22-Aug-2007	-	MH
39030	5000N	1550	535813	6318705	0.30	Soil	1	Light brown/grey	-	-	Trace	Pebble, subrounded	-	Low	22-Aug-2007	-	MH
39031	5000N	1500	535770	6318680	0.30	Soil	2	Dark brown/grey	-	-	-	Granular-cobble, subangular-subrounded	-	Low	22-Aug-2007	-	MH
39032	5000N	1450	535727	6318655	0.40	Soil	3	Grey	-	-	-	Granular	-	Medium	22-Aug-2007	-	MH
39033	5000N	1400	535683	6318630	0.60	Soil	2	Black	-	-	Trace	Cobble, angular	-	High	22-Aug-2007	-	MH
39034	5000N	1350	535640	6318605	0.40	Soil	3	Grey	-	-	Trace	Pebble, subangular	-	Low	22-Aug-2007	-	MH
39035	5000N	1300	535597	6318580	0.40	Soil	1	Dark brown/grey	-	-	Trace	Pebble, subangular	-	Low	22-Aug-2007	-	MH
39036	5000N	1250	535554	6318555	0.30	Soil	2	Light brown/grey	-	-	Common	Granular-cobble, subangular-subrounded	-	Low	22-Aug-2007	-	MH
39037	5000N	1200	535510	6318530	0.30	Soil	1	Medium brown/orange	-	-	Trace	Granular-cobble, subangular-subrounded	-	Low	22-Aug-2007	-	MH
39038	5000N	1150	535467	6318505	0.30	Soil	2	Grey	-	-	-	Granular	-	Medium	22-Aug-2007	-	MH
39039	5000N	1100	535424	6318480	0.30	Soil	1	Medium brown/orange	-	-	Trace	Cobble, subrounded	-	Low	22-Aug-2007	-	MH
39040	5000N	1050	535380	6318455	0.60	Soil	2	Black	-	-	None	-	-	High	22-Aug-2007	-	MH
39041	5000N	1000	535337	6318430	0.30	Soil	1	Light brown/orange	-	-	Common	Pebble-cobble, angular	-	Low	22-Aug-2007	-	MH
39042	5000N	950	535294	6318405	0.40	Soil	3	Grey	-	-	None	-	-	Low	22-Aug-2007	-	MH
39043	5000N	900	535250	6318380	0.50	Soil	3	Light brown/dark grey	-	-	None	-	-	Medium	22-Aug-2007	-	MH
39044	5000N	850	535207	6318355	0.30	Soil	1	Medium brown	-	-	Common	Pebble, angular	-	Medium	22-Aug-2007	-	MH
39045	5000N	800	535164	6318330	0.40	Soil	2	Dark brown/grey	-	-	None	-	-	High	22-Aug-2007	-	MH
39046	5000N	750	535121	6318305	0.50	Soil	3	Dark grey	-	-	Rare	Cobble, subangular	-	High	22-Aug-2007	-	MH
39047	5000N	700	535077	6318280	0.40	Soil	3	Light grey	-	-	None	-	-	Medium	22-Aug-2007	-	MH
39048	5000N	650	535034	6318255	0.40	Soil	1	Light brown	-	-	Trace	Pebble, angular	-	Medium	22-Aug-2007	-	MH
39049	5000N	600	534991	6318230	0.40	Soil	3	Black	-	-	Rare	Cobble, subangular	-	High	22-Aug-2007	-	MH
39050	5000N	550	534947	6318205	0.50	Soil	1	Light brown/black	-	-	Trace	Pebble, subangular	-	Low	22-Aug-2007	-	MH
38126	5000S	2100	541290	6310320	0.30	Soil	1	Medium/dark brown/orange	-	-	None	-	-	High	24-Aug-2007	-	MH
38127	5000S	2050	541247	6310295	0.30	Soil	2	Medium brown/orange	-	-	Common	Pebble, subangular	-	Low	24-Aug-2007	-	MH
39001	4000S	-3500	535940	6308386	0.30	Soil	2	Medium brown	-	-	Common	Pebble, subangular-angular	-	Medium	24-Aug-2007	-	DM KS
39002	4000S	-3450	535984	6308411	0.30	Soil	-	Medium brown/grey	-	-	Common	Pebble-cobble, subangular-angular	-	Low	24-Aug-2007	-	-
39003	4000S	-3400	536027	6308436	0.30	Soil	2	Medium brown	-	-	Common	Pebble-cobble, subangular-angular	-	Medium	24-Aug-2007	-	-
39004	4000S	-3350	536070	6308461	0.30	Soil	1	Medium brown/grey	-	-	Common	Pebble-cobble, subangular-subrounded	-	Low	24-Aug-2007	-	-
39005	4000S	-3300	536113	6308486	0.30	Soil	1	-	-	-	Common	Pebble-cobble, subangular-angular	-	Low	24-Aug-2007	-	-
39006	4000S	-3250	536157	6308511	0.40	Soil	1	Medium brown/dark brown	-	-	Common	Pebble-cobble, subangular-angular	-	Medium	24-Aug-2007	-	-
39007	4000S	-3200	536200	6308536	0.50	Soil	2	Medium brown	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Low	24-Aug-2007	-	-
39008	4000S	-3150	536243	6308561	0.40	Soil	2	Medium brown/dark brown	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Low	24-Aug-2007	-	-
39009	4000S	-3100	536287	6308586	0.40	Soil	3	Dark brown/grey	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Medium	24-Aug-2007	-	-
39010	4000S	-3050	536330	6308611	0.50	Soil	3	Medium/light brown	-	-	Trace	Pebble-cobble, subangular-subrounded	-	Medium	24-Aug-2007	-	-









Sample	Line	Station	Easting	Northing	Depth (m)	Material	Wet**	Colour	Size	Sorting	Clast Characteristics			Organics	Date	Comments	Sampler(s)
											Abundance	Size and Shape	Rock Type				
38869	7000S	-2900	537960	6306088	0.30	Soil	5	Light brown/grey	-	-	Trace	Pebble, angular	-	Low	28-Aug-2007	-	-
38870	7000S	-2650	538176	6306213	0.30	Soil	1	Medium brown	-	-	Trace	Pebble, subangular-angular	-	Low	28-Aug-2007	-	-
38871	7000S	-2300	538479	6306388	0.40	Soil	1	Light brown/grey	-	-	Trace	Pebble, subangular	-	Low	28-Aug-2007	-	-
38872	7000S	-2250	538523	6306413	0.20	Soil	2	Medium brown/grey	-	-	Trace	Pebble-cobble, subangular-angular	-	Low	28-Aug-2007	-	-
38873	7000S	-2200	538566	6306438	0.40	Soil	1	Light brown/grey	-	-	Abundant	Pebble-cobble, subangular-angular	-	Low	28-Aug-2007	-	-
38874	7000S	-2150	538609	6306463	-	Soil	-	-	-	-	-	-	-	28-Aug-2007	-	-	
38875	7000S	-2100	538653	6306488	0.30	Soil	1	Light brown/grey	-	-	Trace	Pebble-cobble, subangular	-	Low	28-Aug-2007	-	-
28944	1000N	-1700	534999	6313616	0.30	Soil	2	Medium brown	-	-	Common	Pebble-cobble, subangular	-	Medium	19-Aug-2007	-	-

*The following sample were collected during prospecting*

29816	-	-	538128	6309950	1.20	Soil	2	Reddish brown	-	-	-	Cobble, angular	Carbonatite	None	19-Aug-2007	"Decomposed from carbonatite", 155 cps (isolated).	MG, AK, Kent
29823	-	-	535746	6312630	-	Soil	2	Dark brown	-	Moderate	Few	Pebble, sub-angular	Carbonatite	None	20-Aug-2007	"abundant magnetite in the soil", 8000 cps (800 cps isolated).	MG, SM, AK
29981	-	-	535637	6312687	0.50	Soil	2	Orange/brown	-	Poor	Abundant	Pebble, sub-rounded	Carbonatite	None	21-Aug-2007	"One boulder, 30 x 40 x 20 cm", 5000 cps (200 cps isolated).	MG, AK
39055	-	-	535482	6314197	0.30	Soil	2	Brown	-	Poor	Abundant	Pebble, angular	Carbonatite	Low	24-Aug-2007	"Assay: K = 10.1 %, U = 688.9 ppm, Th = 48.9 ppm.", 6800 cps.	MG
39059	-	-	536517	6316897	0.20	Soil	2	Brown	-	Poor	Abundant	Pebble, sub-angular	Carbonatite	None	27-Aug-2007	2500 cps.	MG
39065	-	-	542082	6311094	0.30	Soil	2	Brown/yellow/brown	-	well	None	-	-	Low	28-Aug-2007	-	MG

\* L.N.R. (Lab Not Received)

\*\* Wetness Scale (1 = dry, 5 = wet)

**APPENDIX 7**

**SOIL SAMPLE – ANALYTICAL CERTIFICATES**



ACME ANALYTICAL LABORATORIES LTD.  
 852 E. Hastings St. Vancouver BC V6A 1R6 Canada  
 Phone (604) 253-3158 Fax (604) 253-1716

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**Client:** Dahrouge Geological Consulting  
 18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

**Submitted By:** Jody Dahrouge  
**Receiving Lab:** Acme Analytical Laboratories (Vancouver) Ltd.  
**Received:** August 29, 2007  
**Report Date:** November 22, 2007  
**Page:** 1 of 22

**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

**CLIENT JOB INFORMATION**

**Project:** ELDOR CARBONATITE  
**Shipment ID:**  
**P.O. Number**  
**Number of Samples:** 604

**SAMPLE PREPARATION AND ANALYTICAL PROCEDURES**

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SP100	593	Soil Pulverize		
4B Full Suite	593	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed

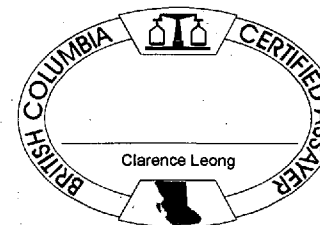
**SAMPLE DISPOSAL**

**ADDITIONAL COMMENTS**

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

**Invoice To:** Dahrouge Geological Consulting  
 18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7  
 Canada

**CC:**



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



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ACME ANALYTICAL LABORATORIES LTD.

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Edmonton AB T6E 1T7 Canada

Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

2 of 22 Part 1

**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
28601	Soil	788	2	4.3	0.8	13.9	2.3	3.5	72.6	<1	390.9	0.2	2.9	0.7	32	0.9	77.8	5.8	14.1	26.6	3.05
28602	Soil	826	5	30.4	1.3	12.8	7.3	268.8	37.6	3	419.8	9.4	23.0	7.1	226	1.4	335.0	65.1	257.8	435.3	51.82
28603	Soil	650	2	12.0	1.2	12.8	3.8	313.4	56.5	1	510.8	14.7	46.2	9.4	66	0.7	173.6	41.7	138.2	419.5	37.77
28604	Soil	846	3	11.6	2.7	14.7	4.9	77.4	78.9	1	360.6	3.4	13.1	3.5	80	<0.5	171.8	17.1	33.2	77.2	8.92
28605	Soil	1072	7	16.9	1.1	17.1	8.3	245.7	57.2	3	328.9	7.3	22.8	4.7	148	1.9	301.2	45.7	161.0	328.7	33.12
28606	Soil	725	1	10.0	1.2	15.5	4.4	10.1	75.5	<1	333.6	0.5	11.2	1.5	58	<0.5	153.6	12.2	28.1	58.4	6.61
28607	Soil	699	1	9.4	1.0	13.8	4.7	5.8	71.3	<1	335.3	0.4	10.0	0.8	54	<0.5	160.0	9.4	23.5	49.8	5.48
28608	Soil	707	2	7.2	1.5	16.6	5.5	6.8	79.5	<1	312.4	0.5	5.5	0.9	66	<0.5	182.1	8.5	17.9	32.8	3.92
28609	Soil	2810	4	13.2	2.3	19.7	4.6	31.4	104.9	2	32.8	2.0	3.7	1.0	201	6.6	193.8	19.5	17.8	35.3	5.12
28610	Soil	801	<1	2.1	0.5	2.5	0.9	3.1	12.0	<1	84.1	0.2	1.7	21.5	16	<0.5	28.4	3.9	8.7	13.5	1.94
28611	Soil	728	2	12.6	2.0	15.0	4.8	12.4	65.6	<1	340.3	0.7	9.7	45.2	70	0.7	156.1	15.4	33.4	56.6	7.72
28612	Soil	841	2	12.4	1.9	16.4	4.9	6.7	91.3	1	305.0	0.5	8.1	1.4	74	<0.5	158.7	11.2	22.5	39.0	5.11
28613	Soil	665	2	13.6	1.3	14.5	3.9	11.4	67.2	1	302.2	0.7	6.7	1.2	69	0.7	130.6	10.5	25.7	44.4	5.69
28614	Soil	686	2	11.1	1.1	12.9	4.2	5.9	61.3	<1	322.7	0.4	7.1	1.2	56	<0.5	138.4	12.2	26.5	45.4	5.75
28615	Soil	727	2	12.3	1.7	14.7	5.2	5.6	78.6	<1	280.1	0.4	6.3	1.1	61	<0.5	167.7	10.6	17.8	35.9	3.81
28616	Soil	704	1	10.8	1.5	15.5	4.7	5.9	76.5	<1	279.4	0.4	6.0	1.0	68	<0.5	156.1	9.4	20.0	38.9	4.10
28617	Soil	655	6	24.2	1.5	14.9	4.9	23.5	61.0	1	215.7	1.3	8.9	0.8	143	6.6	162.3	16.5	29.0	59.5	6.48
28618	Soil	623	1	11.2	1.3	15.2	5.0	7.4	69.4	<1	239.7	0.5	5.9	1.0	69	<0.5	152.9	11.8	22.7	39.7	5.66
28619	Soil	317	<1	7.3	0.8	4.1	1.1	2.9	21.6	<1	102.8	0.2	3.8	1.7	28	<0.5	39.0	10.8	16.5	28.8	4.25
28620	Soil	688	1	12.2	1.3	15.1	4.8	12.4	72.1	1	334.6	0.6	7.9	1.0	73	0.7	158.7	11.9	22.8	50.3	6.16
28621	Soil	656	1	9.4	1.2	15.3	5.8	10.1	68.3	1	287.5	0.6	6.9	1.1	75	<0.5	194.9	10.1	18.4	40.3	5.01
28622	Soil	741	3	13.2	1.6	16.3	5.0	9.1	77.1	1	331.5	0.5	18.9	1.6	77	0.6	163.4	23.1	25.5	53.6	6.76
28623	Soil	680	1	13.8	1.3	15.3	5.1	6.8	76.6	<1	312.5	0.4	8.1	1.1	74	<0.5	162.1	10.7	20.5	46.1	5.51
28624	Soil	685	1	10.9	1.1	14.8	6.1	7.4	70.7	<1	334.8	0.5	7.3	0.9	74	<0.5	194.9	11.2	18.7	42.1	5.15
28625	Soil	709	2	9.9	1.0	14.6	4.8	6.8	68.0	<1	366.0	0.5	7.2	0.9	58	<0.5	168.8	10.2	19.4	42.9	5.22
28626	Soil	423	1	6.9	0.7	3.5	0.7	1.8	18.2	<1	87.8	0.1	6.2	1.2	28	<0.5	22.7	10.8	24.5	41.5	6.59
28627	Soil	703	2	13.0	1.6	15.6	4.9	11.0	84.1	<1	298.0	0.6	8.2	1.2	75	0.6	172.0	10.9	25.3	49.7	5.77
28628	Soil	708	2	11.9	1.3	14.2	4.6	11.6	74.2	<1	314.1	0.7	9.5	1.1	72	0.9	152.9	12.0	27.1	54.4	6.48
28629	Soil	684	2	12.2	1.2	14.8	5.4	11.6	69.9	<1	306.4	0.6	7.8	1.1	76	0.8	183.3	12.4	24.4	52.2	5.60
28630	Soil	573	5	30.3	1.8	15.6	6.0	31.7	60.9	<1	275.2	0.8	19.1	1.0	120	5.2	202.0	17.9	61.8	142.5	16.74

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Project: ELDOR CARBONATITE  
Report Date: November 22, 2007

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi															
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28601	Soil			10.9	1.83	0.66	1.38	0.19	0.95	0.19	0.54	0.09	0.47	0.08	0.6	4.9	2.2	21	8.3	0.7	<0.1	<0.1	<0.1															
28602	Soil			190.6	28.00	8.07	20.46	2.83	13.49	2.20	5.48	0.77	4.06	0.53	3.4	111.3	30.7	270	44.2	4.8	2.3	0.3	0.2															
28603	Soil			150.5	22.27	5.77	14.43	1.92	9.04	1.53	3.76	0.52	2.86	0.38	2.8	28.8	12.5	59	25.0	3.1	0.2	0.1	<0.1															
28604	Soil			34.5	6.12	1.71	4.34	0.68	3.54	0.61	1.56	0.24	1.34	0.20	0.6	27.9	7.8	46	24.4	2.5	0.1	<0.1	<0.1															
28605	Soil			116.8	17.73	4.92	12.58	2.02	10.21	1.72	4.40	0.60	3.61	0.47	1.8	40.1	30.3	94	20.1	1.7	0.3	0.1	0.2															
28606	Soil			23.7	3.93	0.81	2.71	0.44	2.17	0.38	1.07	0.15	1.00	0.15	0.3	9.3	6.5	25	16.6	1.6	<0.1	<0.1	<0.1															
28607	Soil			20.4	3.38	0.79	2.39	0.35	1.82	0.31	0.87	0.15	0.82	0.13	0.3	14.8	5.2	26	18.5	1.6	<0.1	<0.1	<0.1															
28608	Soil			14.5	2.40	0.71	1.76	0.27	1.50	0.29	0.87	0.14	0.83	0.13	0.4	4.7	7.7	22	14.2	1.3	0.2	<0.1	<0.1															
28609	Soil			21.8	4.46	1.43	4.14	0.68	3.80	0.73	2.17	0.33	2.09	0.32	1.9	10.0	1.4	9	62.2	<0.5	<0.1	<0.1	<0.1															
28610	Soil			7.7	1.21	0.27	0.99	0.14	0.71	0.13	0.37	0.07	0.34	0.05	25.4	19.7	2.8	17	6.9	0.6	0.7	0.3	<0.1															
28611	Soil			32.7	5.21	1.26	3.83	0.56	3.06	0.54	1.53	0.23	1.45	0.21	12.3	26.8	8.3	83	25.2	1.4	0.3	<0.1	<0.1															
28612	Soil			20.8	3.57	0.88	2.64	0.40	2.37	0.47	1.43	0.22	1.43	0.22	0.7	12.5	7.3	41	22.2	1.8	<0.1	<0.1	<0.1															
28613	Soil			23.9	3.98	1.05	2.99	0.46	2.34	0.46	1.25	0.19	1.20	0.17	2.1	28.4	11.4	32	19.6	1.6	0.1	<0.1	<0.1															
28614	Soil			24.5	4.05	1.01	3.07	0.46	2.28	0.43	1.12	0.20	1.11	0.18	1.2	26.8	7.8	24	18.5	1.9	0.1	0.1	<0.1															
28615	Soil			16.4	2.82	0.78	2.12	0.34	1.84	0.36	1.04	0.17	0.98	0.15	1.1	13.0	7.5	28	18.8	2.9	0.1	0.1	<0.1															
28616	Soil			18.4	3.06	0.78	2.27	0.34	1.83	0.35	0.99	0.15	0.94	0.15	0.9	10.5	8.7	25	17.8	2.1	<0.1	<0.1	<0.1															
28617	Soil			30.7	5.16	1.42	4.02	0.61	3.03	0.62	1.64	0.24	1.48	0.23	5.9	48.1	8.4	58	34.4	1.2	0.1	<0.1	<0.1															
28618	Soil			20.8	3.61	0.88	2.59	0.42	2.23	0.40	1.17	0.18	1.08	0.16	1.0	20.7	7.2	31	23.6	1.9	<0.1	<0.1	<0.1															
28619	Soil			15.2	2.64	0.66	2.32	0.35	1.76	0.34	1.01	0.16	0.93	0.14	1.5	32.2	5.8	11	20.3	1.3	0.3	0.1	<0.1															
28620	Soil			23.1	4.04	0.95	2.91	0.43	2.31	0.41	1.18	0.18	1.11	0.17	0.5	14.5	6.0	31	23.6	1.7	<0.1	<0.1	<0.1															
28621	Soil			17.1	3.18	0.82	2.34	0.36	1.97	0.36	1.06	0.17	1.03	0.16	1.2	8.7	8.3	23	18.2	1.3	0.1	<0.1	<0.1															
28622	Soil			24.7	4.65	1.19	4.03	0.69	4.11	0.88	2.46	0.34	2.05	0.26	0.7	18.6	7.8	41	26.2	1.8	0.1	<0.1	<0.1															
28623	Soil			21.4	3.62	0.85	2.74	0.42	2.11	0.36	1.11	0.17	1.06	0.16	0.4	16.1	7.0	30	22.0	2.6	<0.1	<0.1	<0.1															
28624	Soil			18.9	3.37	0.90	2.51	0.40	2.05	0.40	1.11	0.15	1.10	0.18	1.0	14.2	6.6	28	20.2	3.5	<0.1	0.1	<0.1															
28625	Soil			19.7	3.38	0.93	2.44	0.39	2.01	0.37	1.07	0.17	0.99	0.16	2.6	11.3	5.3	27	18.0	1.3	<0.1	<0.1	<0.1															
28626	Soil			24.3	3.91	0.97	3.04	0.40	1.99	0.37	0.99	0.15	0.92	0.14	22.8	94.9	5.5	21	21.8	3.3	0.8	0.3	<0.1															
28627	Soil			22.1	3.50	0.93	2.63	0.42	2.03	0.39	1.12	0.16	1.08	0.16	1.0	14.8	6.9	36	24.1	2.0	0.1	<0.1	<0.1															
28628	Soil			24.3	4.43	0.98	3.32	0.47	2.36	0.43	1.24	0.19	1.10	0.17	0.5	14.2	5.3	29	23.3	2.4	<0.1	<0.1	<0.1															
28629	Soil			21.0	4.14	1.07	2.98	0.46	2.41	0.48	1.30	0.19	1.13	0.18	0.8	15.5	6.8	29	30.3	2.0	<0.1	<0.1	<0.1															
28630	Soil			57.1	8.55	2.11	5.80	0.86	3.99	0.66	1.77	0.25	1.48	0.23	0.5	22.6	10.8	55	192.0	1.8	0.2	<0.1	<0.1															

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Project: **ELDOR CARBONATITE**  
Report Date: **November 22, 2007**

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28601	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28602	Soil	0.1	0.5	0.06	0.2	2.1
28603	Soil	<0.1	1.1	0.03	0.3	0.9
28604	Soil	<0.1	<0.5	0.02	0.5	0.6
28605	Soil	<0.1	<0.5	0.02	<0.1	0.5
28606	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28607	Soil	<0.1	<0.5	<0.01	<0.1	0.5
28608	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28609	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28610	Soil	<0.1	<0.5	0.11	<0.1	6.1
28611	Soil	<0.1	1.2	0.05	0.1	1.4
28612	Soil	<0.1	0.5	0.01	<0.1	<0.5
28613	Soil	<0.1	<0.5	0.03	<0.1	<0.5
28614	Soil	<0.1	<0.5	0.04	<0.1	0.6
28615	Soil	<0.1	0.7	0.02	<0.1	<0.5
28616	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28617	Soil	<0.1	1.1	0.02	<0.1	<0.5
28618	Soil	<0.1	0.5	0.01	<0.1	<0.5
28619	Soil	0.1	<0.5	0.08	<0.1	1.5
28620	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28621	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28622	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28623	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28624	Soil	<0.1	<0.5	0.03	<0.1	<0.5
28625	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28626	Soil	0.2	1.6	0.26	0.2	2.3
28627	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28628	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28629	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28630	Soil	<0.1	<0.5	<0.01	0.1	<0.5

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Page:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method Analyte Unit MDL	4B																				
	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28631	Soil	651	2	14.4	1.2	14.2	5.2	16.3	67.3	<1	309.2	0.8	9.5	1.5	90	1.4	165.1	13.2	31.4	59.6	7.47
28632	Soil	736	1	11.6	1.5	15.6	5.1	5.7	83.4	<1	325.6	0.4	7.9	4.7	60	<0.5	170.1	10.3	24.5	45.8	5.65
28633	Soil	710	2	9.9	1.4	14.8	3.8	5.7	82.5	<1	339.6	0.3	6.3	3.2	56	<0.5	115.0	9.9	21.5	39.5	4.92
28634	Soil	677	1	13.8	1.5	14.4	4.2	8.3	70.9	<1	287.9	0.5	7.8	16.8	74	0.5	146.1	13.8	33.0	60.5	7.42
28635	Soil	658	1	11.6	1.0	14.6	5.3	15.6	71.8	<1	325.4	0.6	7.1	1.5	72	0.8	169.5	10.8	24.1	46.0	5.68
28636	Soil	595	<1	9.2	1.7	10.9	2.3	6.2	64.3	<1	233.1	0.4	6.7	109.4	48	<0.5	71.9	11.3	30.1	48.1	6.81
28637	Soil	688	<1	13.5	1.6	15.3	4.7	7.5	69.0	1	353.3	0.5	8.4	161.0	75	0.5	153.0	12.7	29.5	50.5	6.65
28638	Soil	649	2	13.7	1.2	14.3	4.5	13.7	71.6	1	319.5	0.6	12.1	4.3	84	1.0	146.6	13.9	38.1	71.0	8.40
28639	Soil	658	1	14.3	1.4	15.0	4.2	7.0	75.9	<1	321.8	0.4	6.8	1.2	69	<0.5	148.3	9.2	22.1	44.0	4.99
28640	Soil	636	3	28.1	1.4	16.4	4.0	234.5	69.7	2	382.2	7.6	17.0	7.0	97	1.0	139.0	26.6	72.2	151.2	19.17
28641	Soil	620	1	11.1	1.2	15.4	5.0	7.6	78.5	1	295.8	0.4	6.9	1.1	68	0.5	162.8	9.7	24.3	45.9	5.45
28642	Soil	628	1	13.2	1.1	14.9	4.3	12.5	70.5	1	302.7	0.5	5.8	0.9	79	0.8	153.5	10.0	20.3	39.9	4.71
28643	Soil	615	1	16.7	1.6	13.7	4.2	10.9	66.3	1	250.2	0.6	7.8	14.2	78	0.6	144.8	12.2	26.0	48.9	6.02
28644	Soil	663	1	15.8	1.4	14.6	5.5	7.5	74.4	1	298.4	0.5	7.9	1.3	80	0.6	187.6	12.6	26.2	50.3	6.14
28645	Soil	660	2	20.1	1.5	14.6	4.6	40.5	64.5	1	317.4	1.2	12.0	66.5	112	1.8	169.1	21.6	41.8	75.1	9.73
28646	Soil	547	2	26.0	1.4	15.1	5.4	70.5	56.0	1	289.1	1.8	13.4	7.4	153	6.2	193.5	34.0	46.9	93.8	12.16
28647	Soil	672	1	14.0	1.2	15.5	5.2	9.0	72.4	<1	306.8	0.5	7.0	1.1	81	1.3	182.1	10.3	24.3	46.9	5.57
28648	Soil	559	3	27.2	1.3	15.6	5.9	302.4	57.1	3	362.4	13.2	23.8	12.4	170	4.6	254.1	50.6	125.3	253.7	33.43
28649	Soil	631	2	21.1	1.3	15.7	5.1	48.1	67.3	1	260.1	1.7	11.0	1.3	115	5.0	185.1	18.1	51.0	94.1	11.56
28650	Soil	445	1	13.3	1.2	8.4	2.0	10.2	40.7	<1	362.5	0.5	5.4	45.3	67	1.4	72.6	13.8	22.8	35.2	5.41
28651	Soil	643	<1	12.9	1.3	15.7	4.4	12.3	71.4	<1	283.3	0.7	6.7	1.2	87	2.1	157.3	10.8	24.4	44.0	5.34
28652	Soil	570	4	29.0	1.5	15.9	4.6	109.6	65.5	2	293.4	3.7	14.4	2.3	163	4.5	178.0	27.4	139.3	227.3	26.10
28653	Soil	237	<1	8.8	0.2	1.1	0.2	3.0	4.1	<1	237.3	<0.1	1.2	382.7	14	<0.5	7.7	6.4	8.4	11.8	2.08
28654	Soil	57	<1	0.2	<0.1	<0.5	<0.1	0.8	0.8	<1	215.6	<0.1	0.5	143.2	<8	<0.5	2.4	1.5	1.3	1.8	0.33
28655	Soil	1128	14	25.9	3.9	18.9	3.1	221.3	99.7	8	417.9	0.6	8.1	0.5	324	3.2	102.1	20.5	152.4	276.4	33.01
28656	Soil	588	15	37.4	1.3	12.1	5.4	1363	44.4	5	806.3	58.5	218.0	43.4	236	6.4	261.3	98.7	451.7	922.6	119.2
28657	Soil	519	5	35.5	1.5	15.3	5.8	274.5	53.1	2	244.9	5.7	29.2	3.9	204	6.8	218.1	35.9	155.5	283.6	33.65
28658	Soil	532	11	44.5	1.6	16.1	4.8	148.5	59.5	2	398.9	2.8	21.1	1.1	217	5.7	185.8	30.0	88.2	165.7	21.12
28659	Soil	430	12	49.2	1.3	17.5	5.9	186.9	32.8	3	187.0	2.9	27.1	1.2	235	7.2	230.2	28.1	183.2	307.7	34.11
28660	Soil	577	6	46.1	1.5	15.9	4.8	264.0	59.1	3	279.9	6.0	29.7	3.3	261	6.9	188.2	39.7	146.2	251.4	29.98



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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28631	Soil			27.1	4.67	1.23	3.50	0.52	2.83	0.48	1.40	0.21	1.35	0.20	4.5	19.9	8.4	35	31.2	4.1	<0.1	0.2	<0.1
28632	Soil			20.6	3.66	0.89	2.62	0.39	1.99	0.37	1.08	0.18	1.00	0.15	1.9	11.9	6.9	33	19.8	1.9	<0.1	<0.1	<0.1
28633	Soil			17.8	3.22	0.88	2.30	0.35	1.85	0.35	1.08	0.15	0.96	0.15	4.2	12.6	5.1	23	15.3	1.1	<0.1	0.1	<0.1
28634	Soil			26.9	4.66	1.13	3.38	0.51	2.56	0.51	1.43	0.20	1.26	0.18	10.2	18.4	5.6	35	28.2	1.8	0.2	<0.1	<0.1
28635	Soil			21.1	4.01	1.05	2.85	0.42	2.24	0.40	1.09	0.17	1.08	0.16	2.3	16.9	4.8	28	21.1	1.1	<0.1	<0.1	<0.1
28636	Soil			24.2	4.02	0.89	2.89	0.40	2.05	0.37	1.12	0.16	1.02	0.15	6.8	26.4	5.3	50	25.8	1.0	0.3	0.1	<0.1
28637	Soil			25.0	3.83	1.02	3.19	0.44	2.51	0.46	1.24	0.19	1.19	0.18	32.3	21.1	5.6	36	21.2	0.6	0.2	<0.1	<0.1
28638	Soil			31.8	4.99	1.18	3.70	0.50	2.98	0.51	1.34	0.20	1.25	0.19	3.2	15.0	7.1	32	22.2	1.7	<0.1	<0.1	<0.1
28639	Soil			19.3	3.04	0.80	2.21	0.32	1.73	0.33	0.90	0.12	0.91	0.14	0.7	12.2	6.3	29	17.7	2.0	<0.1	<0.1	<0.1
28640	Soil			77.0	12.64	3.56	9.37	1.26	6.36	0.98	2.43	0.32	1.97	0.27	0.9	15.9	9.2	51	23.0	1.7	<0.1	<0.1	<0.1
28641	Soil			20.7	3.28	0.82	2.43	0.33	1.84	0.36	1.02	0.15	0.99	0.15	0.3	7.5	7.0	22	14.4	1.0	<0.1	<0.1	<0.1
28642	Soil			18.8	3.11	0.82	2.19	0.33	1.86	0.35	1.00	0.15	1.03	0.15	1.0	11.9	5.9	24	20.5	1.7	<0.1	<0.1	<0.1
28643	Soil			22.6	3.58	0.86	2.84	0.43	2.40	0.42	1.15	0.18	1.18	0.16	5.2	14.9	5.5	45	25.0	1.6	0.3	<0.1	<0.1
28644	Soil			22.5	3.61	0.92	2.87	0.42	2.35	0.44	1.27	0.18	1.22	0.19	0.5	14.2	5.7	31	24.7	1.8	<0.1	<0.1	<0.1
28645	Soil			39.4	6.35	1.74	5.12	0.73	4.02	0.75	1.96	0.29	1.95	0.27	23.2	33.5	8.7	80	39.8	2.0	0.4	0.1	<0.1
28646	Soil			50.2	10.03	2.70	9.03	1.33	7.37	1.27	3.13	0.45	2.75	0.38	10.5	33.4	4.9	40	40.6	1.3	0.2	<0.1	<0.1
28647	Soil			21.9	3.32	0.89	2.52	0.38	2.10	0.38	1.05	0.15	1.04	0.15	0.5	17.3	5.5	23	20.5	1.6	<0.1	<0.1	<0.1
28648	Soil			132.5	19.87	5.43	14.40	1.97	10.59	1.80	4.68	0.68	4.19	0.57	6.1	30.1	12.6	58	46.9	4.1	0.2	0.1	<0.1
28649	Soil			44.6	6.70	1.74	4.91	0.65	3.71	0.62	1.74	0.27	1.68	0.24	4.0	60.6	6.4	43	33.0	1.0	<0.1	<0.1	<0.1
28650	Soil			21.0	3.53	0.94	3.01	0.43	2.46	0.47	1.21	0.18	1.22	0.18	4.5	43.6	3.5	40	31.2	1.0	0.2	0.1	<0.1
28651	Soil			20.6	3.18	0.81	2.41	0.35	1.99	0.41	1.08	0.17	1.12	0.17	2.4	8.0	5.8	27	19.1	0.9	<0.1	<0.1	<0.1
28652	Soil			93.5	12.32	3.21	8.23	1.13	6.26	1.01	2.69	0.39	2.30	0.32	2.3	60.0	14.0	74	51.2	2.9	0.2	<0.1	<0.1
28653	Soil			8.3	1.51	0.45	1.42	0.21	1.20	0.22	0.54	0.08	0.48	0.07	67.4	35.5	2.1	13	15.0	<0.5	0.7	0.2	<0.1
28654	Soil			1.1	0.27	0.08	0.24	0.04	0.20	0.04	0.13	0.02	0.15	0.02	42.1	16.3	0.5	5	5.5	<0.5	0.3	0.2	<0.1
28655	Soil			116.3	14.81	3.79	8.55	1.10	5.08	0.77	1.83	0.25	1.62	0.23	1.2	28.5	3.1	166	35.3	<0.5	0.3	<0.1	<0.1
28656	Soil			450.3	60.42	15.99	37.52	4.83	24.25	3.68	8.64	1.16	6.94	0.93	3.7	79.4	111.3	408	83.1	4.0	1.5	0.2	0.2
28657	Soil			124.8	16.87	4.55	10.78	1.45	7.56	1.25	3.24	0.45	2.93	0.43	1.5	66.1	14.4	90	126.5	1.1	0.2	<0.1	<0.1
28658	Soil			84.8	13.27	3.51	9.02	1.17	6.26	1.07	2.70	0.41	2.45	0.35	3.5	71.8	14.4	105	228.9	0.8	0.2	<0.1	<0.1
28659	Soil			118.6	16.25	4.34	10.23	1.38	6.96	1.04	2.57	0.38	2.30	0.32	3.9	41.4	20.6	94	164.6	1.2	<0.1	<0.1	0.1
28660	Soil			111.6	17.41	4.93	12.17	1.67	8.75	1.41	3.61	0.53	3.25	0.44	6.2	103.0	21.5	128	161.6	1.2	0.3	<0.1	0.2

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Part 3

## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Pb	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28631	Soil	<0.1	1.1	0.02	<0.1	<0.5
28632	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28633	Soil	<0.1	1.5	0.02	<0.1	<0.5
28634	Soil	<0.1	1.1	0.03	0.1	<0.5
28635	Soil	<0.1	0.8	<0.01	<0.1	<0.5
28636	Soil	<0.1	0.6	0.08	0.1	1.4
28637	Soil	<0.1	0.8	0.07	0.1	0.7
28638	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28639	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28640	Soil	<0.1	0.7	0.01	0.1	<0.5
28641	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28642	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28643	Soil	<0.1	<0.5	0.03	0.1	0.5
28644	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28645	Soil	<0.1	0.9	0.05	0.1	0.6
28646	Soil	<0.1	0.5	0.02	<0.1	<0.5
28647	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28648	Soil	0.2	1.1	0.02	0.1	0.8
28649	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28650	Soil	<0.1	<0.5	0.07	<0.1	0.6
28651	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28652	Soil	<0.1	1.4	0.01	0.1	<0.5
28653	Soil	<0.1	1.2	0.06	0.1	1.2
28654	Soil	<0.1	<0.5	0.04	<0.1	1.6
28655	Soil	<0.1	<0.5	<0.01	0.8	<0.5
28656	Soil	0.3	7.8	0.09	0.2	0.7
28657	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28658	Soil	<0.1	<0.5	<0.01	0.1	<0.5
28659	Soil	<0.1	<0.5	<0.01	0.1	0.6
28660	Soil	<0.1	1.3	0.02	0.2	0.8

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Project: **ELDOR CARBONATITE**  
Report Date: **November 22, 2007**

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**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

	Method	Analyte																			
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
28661	Soil	134	2	106.8	0.6	10.9	2.5	20.7	6.3	<1	116.2	1.1	2.3	4.4	252	2.4	87.4	13.9	16.5	33.0	4.59
28662	Soil	332	7	80.9	0.7	17.0	2.1	611.0	18.4	4	295.5	3.1	11.4	5.2	177	6.2	91.7	73.6	19.4	39.6	5.78
28663	Soil	314	1	8.1	0.6	2.6	0.8	90.2	8.9	<1	572.0	1.3	6.9	8.5	32	0.7	26.7	24.1	33.0	58.0	8.47
28664	Soil	706	3	41.0	1.3	15.0	4.5	667.1	45.3	3	338.0	13.3	32.6	11.1	270	7.2	209.6	44.2	118.0	230.9	29.44
28665	Soil	460	4	40.0	1.7	13.7	4.0	325.5	35.2	2	354.2	4.9	20.4	2.8	236	6.3	173.9	32.9	82.1	159.9	20.56
28666	Soil	590	6	38.9	2.0	17.0	5.9	213.1	56.4	3	252.9	4.1	28.9	2.5	231	4.2	234.1	37.2	263.0	444.2	53.47
28667	Soil	669	8	41.8	2.0	16.9	4.8	154.8	66.6	3	287.8	3.6	28.5	9.9	227	5.1	193.6	40.3	162.2	291.1	36.07
28668	Soil	597	2	21.0	1.5	15.5	5.2	41.8	63.8	1	311.1	1.2	14.8	6.1	129	2.8	186.0	21.6	79.7	138.5	16.54
28669	Soil	629	2	19.5	1.5	16.2	4.4	41.1	67.8	1	292.9	1.5	10.6	2.5	129	1.6	161.9	16.8	45.7	85.7	10.25
28670	Soil	653	<1	6.7	2.0	17.3	5.6	18.3	92.6	<1	263.8	0.6	9.7	1.1	91	0.9	186.8	8.6	29.5	53.9	6.70
28671	Soil	474	8	38.8	2.5	13.4	4.1	75.2	45.8	1	298.2	1.6	15.0	25.6	159	2.4	161.7	33.9	106.2	167.6	21.01
28672	Soil	599	18	66.7	3.2	18.2	5.6	187.0	46.7	4	122.7	1.8	24.6	0.6	270	3.7	216.0	29.8	120.3	212.6	24.94
28673	Soil	324	24	62.5	3.9	19.3	5.9	183.5	42.3	3	106.9	3.2	35.8	0.8	309	9.4	245.0	44.4	147.5	263.4	32.54
28674	Soil	479	8	40.9	2.4	17.1	5.9	120.9	52.6	3	172.6	2.4	15.6	0.9	242	10.0	205.5	24.1	65.0	119.8	14.35
28675	Soil	491	13	44.0	3.3	17.9	5.4	199.6	58.9	4	159.0	4.0	46.4	1.1	252	10.4	225.1	42.5	210.7	360.5	43.78
28676	Soil	509	8	43.7	2.4	18.5	5.6	103.2	59.1	2	135.7	2.9	22.5	0.9	249	6.2	214.1	27.5	90.1	167.7	19.77
28677	Soil	555	7	40.0	2.1	19.6	6.1	69.8	69.1	2	181.4	2.6	10.8	1.0	218	5.0	215.7	22.2	53.0	102.8	12.29
28678	Soil	589	4	36.7	2.2	18.4	5.8	79.9	64.9	2	188.6	2.5	14.1	1.1	205	4.8	216.7	30.1	65.8	123.2	14.99
28679	Soil	566	6	33.2	2.2	20.8	5.5	83.5	68.8	2	178.4	2.5	11.4	0.9	204	4.5	207.3	24.5	62.1	115.3	13.86
28680	Soil	580	7	40.2	2.5	20.0	5.6	99.4	60.0	2	172.4	2.8	16.6	0.9	228	5.3	219.4	32.1	82.1	150.3	18.35
28681	Soil	543	7	50.8	4.0	19.0	5.9	92.9	58.0	2	175.1	3.3	13.2	0.7	310	6.6	255.6	34.3	87.9	160.0	19.58
28682	Soil	643	9	47.5	3.7	21.8	8.3	134.9	50.9	3	108.3	3.2	14.6	0.9	419	3.4	345.2	27.3	57.5	124.2	17.32
28701	Soil	669	3	22.6	1.0	15.9	6.8	107.1	45.2	2	281.4	3.1	27.6	2.6	146	0.9	248.4	30.7	93.6	198.9	21.62
28702	Soil	780	3	22.5	1.2	12.8	6.2	130.3	35.4	2	252.7	5.2	13.8	3.7	159	2.3	244.2	36.0	110.8	186.7	23.88
28703	Soil	1552	7	45.5	1.7	23.4	5.1	70.6	64.1	2	112.3	3.5	7.3	1.4	317	1.5	194.2	26.8	52.8	94.8	11.88
28704	Soil	714	7	27.0	1.1	14.6	6.6	220.1	47.5	6	402.9	5.1	40.3	3.2	168	2.0	257.0	70.3	202.9	371.9	47.53
28705	Soil	622	<1	16.4	1.4	14.0	4.7	44.3	64.4	1	300.5	1.8	17.8	3.8	95	0.6	167.7	20.0	88.3	157.0	18.57
28706	Soil	715	1	12.5	1.1	15.2	5.6	126.9	64.7	2	339.3	3.6	17.9	3.7	86	0.6	214.8	36.0	111.6	238.3	23.88
28707	Soil	813	3	20.2	1.9	12.2	5.6	151.0	44.4	2	306.3	7.7	18.3	72.9	123	1.0	278.7	48.7	156.4	273.2	35.05
28708	Soil	827	6	21.7	1.6	14.8	4.9	105.2	55.4	2	176.4	4.2	17.1	5.3	162	1.2	195.3	28.3	45.0	111.3	10.50

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Part 2

**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method Analyte Unit MDL		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28661	Soil	20.2	3.56	1.10	3.31	0.50	2.85	0.54	1.41	0.20	1.18	0.16	3.5	15.2	4.2	45	221.9	<0.5	<0.1	<0.1	<0.1
28662	Soil	30.8	13.90	5.71	19.43	3.18	17.38	2.73	6.38	0.84	4.95	0.62	61.2	44.7	68.4	268	325.0	<0.5	0.4	<0.1	0.4
28663	Soil	34.2	6.05	1.90	5.42	0.79	4.49	0.76	2.00	0.25	1.78	0.25	3.4	112.6	5.9	23	40.3	<0.5	0.4	0.1	<0.1
28664	Soil	112.5	16.73	4.85	12.15	1.69	9.07	1.52	3.87	0.54	3.57	0.49	4.4	267.0	10.6	83	73.2	1.2	0.2	<0.1	0.5
28665	Soil	80.6	12.72	3.52	9.14	1.29	6.77	1.18	2.98	0.44	2.65	0.37	4.0	178.9	10.7	83	108.7	0.9	0.3	<0.1	<0.1
28666	Soil	196.5	24.01	6.01	13.81	1.78	8.81	1.35	3.25	0.47	2.83	0.39	4.6	70.2	13.4	108	106.3	1.9	0.3	<0.1	0.1
28667	Soil	135.4	19.56	5.10	12.56	1.63	8.21	1.38	3.57	0.51	3.27	0.45	18.0	84.0	32.8	124	135.7	2.2	0.4	<0.1	0.2
28668	Soil	61.2	8.55	2.19	5.83	0.83	4.41	0.79	2.07	0.30	1.97	0.30	6.5	34.5	11.0	56	50.8	1.1	0.2	<0.1	<0.1
28669	Soil	38.5	5.89	1.51	4.36	0.63	3.40	0.62	1.51	0.24	1.48	0.21	1.2	29.2	8.6	48	47.0	2.4	0.2	0.1	<0.1
28670	Soil	25.5	3.70	0.79	2.44	0.31	1.65	0.31	0.81	0.13	0.87	0.14	3.6	7.5	7.0	16	11.1	2.5	0.2	0.1	<0.1
28671	Soil	76.5	11.67	3.42	9.14	1.29	6.68	1.13	2.73	0.39	2.29	0.33	24.3	78.0	12.3	123	188.9	1.0	0.7	0.2	0.1
28672	Soil	95.7	16.66	4.44	10.79	1.44	7.14	1.08	2.62	0.37	2.16	0.29	1.8	44.6	23.9	124	300.1	1.2	0.3	<0.1	0.2
28673	Soil	123.6	19.25	5.73	14.78	2.04	9.73	1.60	4.14	0.50	3.30	0.45	1.4	40.2	16.9	112	328.8	1.0	0.2	<0.1	0.2
28674	Soil	54.7	8.74	2.64	7.05	1.00	5.10	0.91	2.42	0.32	2.07	0.29	1.0	54.6	12.3	71	166.7	0.8	0.1	<0.1	<0.1
28675	Soil	160.2	23.29	6.54	15.71	2.06	9.01	1.45	3.83	0.49	3.01	0.43	1.8	58.1	18.1	90	165.2	0.8	0.4	0.1	0.1
28676	Soil	73.8	11.72	3.30	8.79	1.23	6.03	1.04	2.68	0.35	2.15	0.31	2.4	42.9	14.6	86	128.0	1.1	0.3	<0.1	0.1
28677	Soil	43.3	6.98	2.03	5.43	0.82	4.25	0.80	2.21	0.28	1.86	0.28	1.5	51.0	7.1	64	93.3	1.2	0.2	<0.1	<0.1
28678	Soil	56.2	9.39	2.65	7.51	1.10	5.67	1.09	2.87	0.35	2.44	0.35	1.1	72.8	8.1	73	127.1	1.4	0.2	<0.1	<0.1
28679	Soil	52.8	8.30	2.39	6.49	0.92	4.69	0.88	2.18	0.29	1.97	0.28	1.1	49.0	7.4	75	122.9	1.6	<0.1	<0.1	<0.1
28680	Soil	69.5	10.91	3.23	8.76	1.27	6.37	1.15	3.15	0.40	2.52	0.35	0.9	80.0	8.7	82	139.8	1.3	0.1	<0.1	<0.1
28681	Soil	74.3	11.75	3.51	9.27	1.34	6.54	1.24	3.27	0.40	2.67	0.39	0.9	162.5	7.4	88	145.7	0.8	0.1	<0.1	<0.1
28682	Soil	71.2	10.51	2.83	7.51	1.05	5.57	1.03	2.77	0.35	2.37	0.35	0.9	119.8	7.9	123	82.0	0.5	0.2	<0.1	<0.1
28701	Soil	80.0	12.29	3.45	9.10	1.34	6.81	1.15	3.02	0.37	2.29	0.33	2.1	21.0	17.2	46	27.9	2.4	0.1	0.1	0.1
28702	Soil	86.8	12.62	3.74	10.16	1.42	6.85	1.21	3.08	0.38	2.29	0.32	1.3	85.2	11.7	60	35.8	2.8	0.2	0.2	<0.1
28703	Soil	45.9	7.48	2.10	6.29	0.98	5.10	0.94	2.51	0.35	2.20	0.33	0.6	81.2	9.9	104	57.2	1.0	0.2	<0.1	<0.1
28704	Soil	186.1	28.97	8.24	23.10	3.20	15.32	2.48	6.13	0.66	4.33	0.56	5.7	49.8	47.3	184	91.1	3.3	0.4	0.2	0.5
28705	Soil	66.1	8.96	2.14	6.14	0.85	3.82	0.69	1.80	0.23	1.54	0.22	2.9	55.5	7.1	61	46.2	5.4	0.2	0.3	<0.1
28706	Soil	87.9	13.16	3.80	9.68	1.45	7.19	1.31	3.25	0.39	2.62	0.37	1.3	11.4	13.5	73	19.8	2.8	0.2	<0.1	<0.1
28707	Soil	131.6	19.50	5.55	14.89	2.08	10.11	1.74	4.41	0.51	3.27	0.47	25.1	53.6	18.8	106	29.9	3.1	0.3	0.4	0.1
28708	Soil	37.1	6.08	1.94	5.39	0.96	5.39	1.05	2.98	0.42	2.57	0.37	23.7	38.1	23.6	92	33.5	39.5	0.2	0.9	0.2

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18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.6	0.01	0.1	0.5
28661	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28662	Soil	0.2	1.1	0.03	0.1	0.8
28663	Soil	0.1	1.5	0.10	<0.1	1.4
28664	Soil	0.2	26.6	0.12	<0.1	1.0
28665	Soil	0.4	1.2	0.09	<0.1	0.6
28666	Soil	<0.1	<0.5	0.02	0.2	<0.5
28667	Soil	<0.1	1.0	0.02	0.1	0.5
28668	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28669	Soil	<0.1	<0.5	0.02	0.1	<0.5
28670	Soil	<0.1	0.5	<0.01	<0.1	<0.5
28671	Soil	0.2	1.9	0.09	<0.1	2.7
28672	Soil	<0.1	2.4	0.01	0.2	<0.5
28673	Soil	<0.1	<0.5	<0.01	0.1	<0.5
28674	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28675	Soil	<0.1	<0.5	0.03	<0.1	<0.5
28676	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28677	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28678	Soil	<0.1	1.0	<0.01	0.1	<0.5
28679	Soil	<0.1	0.8	<0.01	0.1	<0.5
28680	Soil	<0.1	3.2	<0.01	0.1	<0.5
28681	Soil	<0.1	2.3	0.02	0.1	<0.5
28682	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28701	Soil	<0.1	<0.5	0.02	<0.1	0.6
28702	Soil	<0.1	0.6	0.06	<0.1	1.1
28703	Soil	<0.1	<0.5	0.01	<0.1	0.5
28704	Soil	0.1	1.1	0.06	0.2	1.0
28705	Soil	<0.1	<0.5	0.05	<0.1	0.8
28706	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28707	Soil	0.1	<0.5	0.10	0.1	2.4
28708	Soil	<0.1	<0.5	0.06	0.2	0.9

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Project: ELDOR CARBONATITE  
 Report Date: November 22, 2007

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**CERTIFICATE OF ANALYSIS** **VAN07000611.1**

	Method Analyte Unit MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
28709	Soil	658	3	12.7	1.1	14.3	5.0	12.4	74.0	<1	282.7	0.6	8.1	1.3	81	0.8	156.1	15.8	28.9	45.2	6.80
28710	Soil	971	<1	14.1	0.2	1.2	0.6	4.9	5.1	<1	84.8	0.2	1.7	5.6	12	<0.5	19.5	15.9	15.2	11.1	3.20
28711	Soil	649	2	15.0	1.7	13.6	4.4	10.9	63.0	<1	234.4	0.5	8.6	1.2	85	1.2	162.6	16.2	32.9	47.0	6.78
28712	Soil	641	1	16.8	0.9	14.7	5.1	9.5	53.4	<1	349.4	0.5	8.1	1.1	74	0.9	184.1	12.0	22.6	37.2	4.83
28713	Soil	359	1	36.8	0.9	12.9	3.7	20.0	26.4	1	203.3	1.2	6.3	1.7	172	1.6	131.3	39.3	151.1	134.3	33.04
28714	Soil	330	2	40.9	1.1	16.3	4.4	34.4	24.6	2	186.1	1.9	4.6	0.6	173	3.9	164.6	19.0	39.2	58.1	9.58
28715	Soil	599	2	20.5	1.0	16.4	5.5	32.6	59.8	1	252.9	1.7	8.4	1.0	108	2.2	185.9	18.0	59.7	71.5	12.58
28716	Soil	685	3	38.2	1.3	18.6	5.5	33.3	52.7	2	186.3	1.7	8.2	0.9	169	6.0	199.4	13.6	38.3	63.5	8.71
28717	Soil	505	2	15.2	1.3	12.3	4.6	13.2	47.7	<1	289.8	0.8	7.7	8.8	88	1.5	153.6	13.8	29.5	40.2	6.00
28718	Soil	593	1	11.0	1.3	13.7	4.4	13.5	60.9	<1	362.6	0.6	8.1	2.7	70	0.9	151.0	11.9	38.0	55.6	7.66
28719	Soil	593	1	10.7	1.4	12.1	4.6	10.2	60.7	<1	347.7	0.5	8.8	7.9	62	0.6	152.1	17.9	44.4	56.2	9.28
28720	Soil	697	1	11.3	1.1	13.3	5.8	14.7	61.0	<1	325.7	0.7	10.1	2.0	71	0.6	205.4	15.9	51.7	77.7	10.79
28721	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28722	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28723	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28724	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28725	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28798	Soil	620	6	31.4	2.0	16.9	6.4	550.0	64.7	3	382.9	15.2	31.8	9.5	239	5.8	259.8	32.4	135.9	238.3	32.14
28799	Soil	594	6	30.1	1.5	14.7	6.0	204.1	58.1	3	386.1	7.6	27.9	4.5	215	6.4	221.2	33.3	173.8	278.1	36.31
28800	Soil	626	5	30.8	2.0	17.3	6.1	152.4	71.6	2	243.8	4.8	19.3	3.3	198	6.1	220.6	26.7	105.6	166.4	22.94
28683	Soil	396	21	34.7	3.9	17.4	6.6	153.5	30.1	4	123.9	3.3	24.5	0.7	324	23.8	231.9	26.1	49.3	81.0	14.14
28684	Soil	327	25	51.9	3.5	21.2	7.6	187.2	52.2	3	50.0	4.1	15.6	0.6	384	35.4	267.2	25.6	71.8	111.1	15.66
28685	Soil	489	12	38.9	3.8	20.4	6.4	108.7	27.6	2	143.2	2.5	12.5	0.9	339	7.0	231.0	23.6	54.9	82.2	12.34
28686	Soil	548	5	31.0	2.8	18.2	5.7	177.7	48.6	3	239.6	2.2	41.0	1.2	235	6.2	215.4	32.6	78.0	164.3	21.26
28687	Soil	661	3	19.1	2.6	16.7	6.1	38.5	58.8	2	319.6	1.8	8.8	1.1	110	1.6	226.7	12.7	28.2	57.5	6.40
28688	Soil	542	4	29.1	1.6	14.3	4.4	32.7	61.6	1	274.9	0.9	13.1	0.9	128	1.5	163.4	16.1	39.9	80.9	9.28
28689	Soil	619	1	10.1	0.9	14.8	4.5	6.0	68.6	<1	321.5	0.4	5.9	0.9	66	1.1	150.1	10.2	19.7	38.7	4.77
28690	Soil	628	2	8.8	1.3	14.7	3.2	7.9	74.3	<1	355.7	0.5	5.1	0.9	61	<0.5	110.9	9.8	22.2	41.4	5.11
28691	Soil	620	1	12.4	1.7	16.9	3.4	6.5	67.5	2	404.7	0.4	11.1	6.1	73	<0.5	122.7	23.4	38.4	60.7	9.30
28692	Soil	696	3	19.2	1.8	15.0	5.9	19.3	77.1	<1	297.1	0.8	8.6	1.2	103	1.9	200.9	17.6	31.8	62.3	7.64

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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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CERTIFICATE OF ANALYSIS

VAN07000611.1

	Method Analyte Unit	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28709	Soil	22.3	4.11	1.03	3.43	0.42	2.80	0.55	1.57	0.22	1.52	0.23	1.1	22.7	5.8	38	20.7	2.0	0.1	<0.1	<0.1
28710	Soil	13.6	2.28	0.70	2.46	0.34	2.42	0.51	1.49	0.19	1.36	0.18	61.2	81.1	2.5	9	33.6	3.0	0.5	0.3	<0.1
28711	Soil	26.4	4.26	1.14	3.45	0.51	2.97	0.58	1.58	0.23	1.77	0.23	1.9	44.8	7.5	31	25.9	2.3	<0.1	0.1	<0.1
28712	Soil	20.6	3.55	1.19	3.11	0.43	2.46	0.42	1.20	0.17	1.09	0.16	1.9	37.6	6.8	33	25.9	1.5	<0.1	<0.1	<0.1
28713	Soil	133.2	25.53	6.74	17.50	2.01	9.17	1.34	3.10	0.44	2.66	0.38	3.8	314.3	1.7	35	36.4	1.0	<0.1	0.6	<0.1
28714	Soil	38.7	6.80	2.16	5.60	0.76	4.24	0.75	1.97	0.28	1.76	0.24	3.0	75.0	3.5	65	35.5	0.6	<0.1	0.2	<0.1
28715	Soil	47.2	7.39	2.18	5.81	0.70	3.73	0.60	1.70	0.24	1.62	0.25	3.2	94.7	4.8	40	37.3	1.6	<0.1	0.1	<0.1
28716	Soil	31.9	5.28	1.60	3.78	0.50	2.92	0.48	1.44	0.23	1.43	0.19	10.0	22.8	4.8	65	66.0	0.9	<0.1	<0.1	<0.1
28717	Soil	21.2	3.72	1.09	3.12	0.45	2.71	0.48	1.35	0.21	1.32	0.18	12.0	27.1	5.5	114	24.9	1.6	0.3	0.2	<0.1
28718	Soil	30.3	4.82	1.23	3.09	0.47	2.41	0.42	1.25	0.20	1.15	0.16	10.7	14.6	6.0	117	18.9	1.3	0.2	0.1	<0.1
28719	Soil	36.8	5.88	1.52	4.28	0.69	3.52	0.64	1.70	0.26	1.55	0.23	19.3	22.5	6.6	71	21.5	1.8	0.3	0.3	<0.1
28720	Soil	39.5	6.82	1.66	4.64	0.70	3.70	0.62	1.64	0.26	1.46	0.21	7.8	23.8	6.7	38	27.1	1.6	<0.1	0.2	<0.1
28721	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28722	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28723	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28724	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28725	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28798	Soil	122.4	17.53	4.86	11.78	1.65	8.10	1.32	3.58	0.52	3.09	0.45	1.7	79.2	11.9	90	81.9	1.7	0.2	<0.1	<0.1
28799	Soil	135.3	18.90	5.01	11.87	1.71	8.54	1.39	3.52	0.46	2.98	0.39	2.6	66.0	9.8	80	79.0	1.5	0.3	<0.1	<0.1
28800	Soil	89.5	13.46	3.58	9.05	1.31	6.66	1.08	2.92	0.44	2.59	0.35	2.7	71.3	13.0	86	90.4	1.7	0.2	<0.1	0.1
28683	Soil	70.9	14.78	3.81	9.26	1.29	6.33	1.05	2.86	0.45	2.68	0.37	30.6	78.2	28.5	79	62.2	6.4	<0.1	<0.1	0.2
28684	Soil	62.2	10.08	2.79	7.43	1.16	6.28	1.13	3.22	0.50	3.13	0.47	51.8	105.6	21.3	88	107.2	4.7	<0.1	<0.1	0.1
28685	Soil	50.3	8.35	2.40	6.58	1.07	5.97	1.05	2.92	0.46	2.76	0.41	26.0	106.6	9.2	66	64.8	1.4	0.1	<0.1	<0.1
28686	Soil	82.0	13.47	3.64	9.43	1.39	6.71	1.16	2.83	0.42	2.62	0.34	35.4	49.9	9.5	89	46.4	2.5	<0.1	<0.1	0.1
28687	Soil	23.1	4.06	1.16	3.21	0.49	2.58	0.48	1.26	0.21	1.31	0.19	13.0	19.0	7.4	44	24.2	2.1	<0.1	<0.1	<0.1
28688	Soil	35.4	5.88	1.54	4.26	0.64	3.47	0.59	1.53	0.25	1.46	0.19	15.2	30.0	6.6	38	117.8	1.7	<0.1	<0.1	<0.1
28689	Soil	17.1	2.81	0.77	2.04	0.33	1.69	0.35	0.95	0.16	0.93	0.13	0.9	9.3	7.0	21	17.8	1.6	<0.1	<0.1	<0.1
28690	Soil	18.7	3.02	0.83	2.10	0.32	1.57	0.32	0.87	0.16	0.95	0.13	8.5	7.2	6.8	29	18.8	1.5	<0.1	<0.1	<0.1
28691	Soil	33.5	5.66	1.39	4.69	0.67	3.74	0.69	1.92	0.28	1.78	0.25	20.5	62.1	7.9	47	29.1	1.8	0.1	<0.1	<0.1
28692	Soil	28.6	5.17	1.30	3.86	0.62	3.28	0.62	1.65	0.26	1.59	0.22	9.6	39.3	8.4	51	64.5	2.8	<0.1	<0.1	<0.1

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18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28709	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28710	Soil	<0.1	<0.5	0.14	0.1	2.1
28711	Soil	<0.1	<0.5	0.03	<0.1	0.6
28712	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28713	Soil	<0.1	<0.5	0.06	<0.1	1.2
28714	Soil	<0.1	<0.5	0.04	<0.1	0.6
28715	Soil	<0.1	<0.5	0.02	<0.1	0.6
28716	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28717	Soil	<0.1	0.5	0.03	<0.1	0.7
28718	Soil	<0.1	0.6	0.02	<0.1	<0.5
28719	Soil	<0.1	0.5	0.05	<0.1	0.9
28720	Soil	<0.1	0.9	0.02	<0.1	<0.5
28721	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28722	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28723	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28724	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28725	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28798	Soil	<0.1	2.1	0.01	<0.1	0.6
28799	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28800	Soil	<0.1	1.3	0.01	0.1	<0.5
28683	Soil	<0.1	0.5	0.03	0.2	0.5
28684	Soil	<0.1	0.6	0.01	0.4	<0.5
28685	Soil	<0.1	<0.5	0.02	<0.1	0.6
28686	Soil	<0.1	<0.5	0.02	0.1	<0.5
28687	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28688	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28689	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28690	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28691	Soil	<0.1	0.8	0.08	<0.1	1.2
28692	Soil	<0.1	1.6	0.02	0.3	0.5

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method	Analyte	Unit	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
			Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
			1	1	0.2	0.1	0.5	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
28693	Soil		600	5	24.7	2.1	10.3	3.9	51.1	36.8	1	283.7	0.8	15.5	1.8	118	3.3	132.2	30.7	68.5	123.5	18.00
28694	Soil		640	<1	9.5	1.1	14.8	4.7	7.6	73.1	<1	296.3	0.4	6.3	1.0	64	<0.5	159.5	11.4	22.9	38.0	5.52
28695	Soil		673	2	12.1	1.1	14.7	6.5	11.5	69.8	<1	304.7	0.6	10.2	1.1	68	0.8	205.0	14.9	39.2	81.3	9.14
28696	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28697	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28698	Soil		709	1	10.6	1.3	14.0	5.5	18.6	74.9	<1	340.3	0.7	8.5	1.8	65	<0.5	176.0	14.3	38.0	73.9	8.96
28699	Soil		702	1	14.5	1.7	15.1	4.8	175.4	76.8	1	378.7	3.8	16.5	2.5	86	1.2	173.1	26.5	85.6	175.3	21.69
28700	Soil		745	2	11.8	1.7	15.8	4.0	10.2	85.8	<1	361.7	0.6	11.8	5.1	64	0.6	138.9	13.1	34.5	65.5	7.97
28776	Soil		739	1	10.5	1.3	15.9	4.9	26.5	84.5	<1	392.2	0.5	9.5	3.0	59	0.8	164.6	13.1	32.4	66.4	8.15
28777	Soil		722	2	13.8	1.7	13.2	3.8	473.9	74.3	3	772.7	5.9	38.5	3.4	76	1.3	147.5	55.7	126.6	278.3	38.20
28778	Soil		756	1	12.0	1.9	16.5	4.5	14.1	84.3	1	311.6	0.7	11.6	4.4	72	0.7	141.6	14.9	34.0	65.5	8.09
28779	Soil		640	16	10.3	0.9	13.3	3.2	445.3	60.9	2	406.9	1.2	18.9	5.6	69	2.7	126.1	21.8	87.9	192.7	23.93
28780	Soil		839	2	8.8	1.1	11.5	3.6	124.9	55.5	<1	327.7	1.3	11.9	105.7	59	0.8	132.9	18.5	36.1	75.6	9.78
28781	Soil		676	1	9.3	1.3	14.7	4.0	20.3	77.5	<1	357.4	0.7	9.1	2.7	62	0.6	151.4	13.1	37.6	72.5	8.94
28782	Soil		686	<1	14.9	1.6	16.2	4.6	9.0	77.8	<1	303.8	0.6	7.7	1.1	75	0.5	158.7	12.4	26.4	53.4	6.35
28783	Soil		701	1	13.5	1.4	17.0	5.9	30.6	78.1	<1	345.0	1.2	9.0	1.8	78	1.3	192.9	19.0	37.9	76.6	9.65
28784	Soil		687	<1	12.0	1.4	14.7	5.2	8.7	73.8	<1	331.0	0.5	9.2	7.8	67	1.0	176.5	14.2	29.9	56.6	7.16
28785	Soil		639	2	10.1	1.3	14.0	4.0	8.8	67.9	1	318.7	0.6	8.9	18.2	69	1.1	144.1	15.1	29.1	55.4	6.80
28786	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28787	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28788	Soil		L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28789	Soil		670	2	21.8	1.6	16.2	4.8	30.4	72.2	1	290.9	1.2	10.4	3.6	125	4.1	161.2	21.5	62.9	110.3	13.00
28790	Soil		647	3	18.7	1.4	15.8	4.8	55.7	73.4	2	305.5	1.4	14.6	2.5	106	3.5	177.8	29.3	185.4	289.6	33.93
28791	Soil		637	3	17.0	1.0	12.8	5.5	339.0	58.5	2	450.7	28.3	36.8	20.7	154	4.1	247.0	69.1	253.1	457.8	60.16
28792	Soil		514	46	56.6	2.1	12.5	5.1	308.0	89.9	13	308.5	1.4	68.0	11.4	235	13.3	157.0	36.0	526.8	733.7	88.72
28793	Soil		324	13	50.1	2.1	19.4	6.3	262.3	29.5	3	137.8	5.1	27.0	6.1	219	15.4	297.3	37.1	181.4	310.8	37.81
28794	Soil		546	22	30.4	1.3	12.2	5.0	1354	25.9	5	560.4	34.4	121.6	21.9	221	7.4	233.8	80.9	365.5	687.9	95.84
28795	Soil		280	4	24.9	1.1	10.3	3.2	117.8	12.6	1	319.1	4.2	16.4	40.8	118	14.6	144.5	16.8	53.9	107.1	14.12
28796	Soil		635	6	24.6	1.6	14.4	5.6	324.9	60.0	2	633.0	10.0	39.6	7.1	160	6.2	211.0	37.3	135.5	252.2	32.71
28797	Soil		460	13	31.6	1.9	12.9	7.1	539.5	27.5	3	361.8	5.2	38.9	10.9	233	9.2	317.8	52.2	168.1	349.0	44.74

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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
Analyte	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	
28693	Soil	73.7	12.25	3.48	9.73	1.40	6.20	1.13	2.60	0.40	2.19	0.29	17.1	59.9	15.7	81	146.2	2.3	0.2	<0.1	0.1
28694	Soil	20.3	3.30	0.88	2.37	0.37	1.79	0.41	1.18	0.15	1.13	0.17	0.9	11.3	6.5	30	22.5	1.8	<0.1	<0.1	<0.1
28695	Soil	32.0	5.19	1.19	3.58	0.57	2.73	0.52	1.38	0.23	1.34	0.19	1.2	20.9	6.6	35	29.8	1.9	<0.1	<0.1	<0.1
28696	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28697	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28698	Soil	32.7	5.71	1.32	3.84	0.56	2.65	0.48	1.33	0.21	1.15	0.16	8.1	20.3	7.3	51	27.0	2.0	0.2	<0.1	<0.1
28699	Soil	88.7	13.13	3.47	8.84	1.20	5.54	0.94	2.25	0.34	1.89	0.23	2.5	16.0	9.6	56	26.8	2.7	0.2	<0.1	<0.1
28700	Soil	28.8	4.81	1.06	3.25	0.47	2.40	0.43	1.16	0.17	1.10	0.16	4.2	16.7	7.0	37	25.9	1.3	<0.1	<0.1	<0.1
28776	Soil	29.8	4.38	1.09	3.17	0.49	2.46	0.43	1.18	0.18	1.12	0.17	4.3	14.1	6.7	28	20.5	1.1	<0.1	<0.1	<0.1
28777	Soil	150.3	24.81	7.07	19.61	2.76	13.67	2.10	4.75	0.62	3.36	0.41	15.5	19.6	12.1	67	24.6	3.6	0.2	<0.1	0.1
28778	Soil	28.4	4.92	1.16	3.67	0.52	3.02	0.50	1.42	0.22	1.31	0.17	3.4	19.9	8.7	45	35.0	1.3	0.1	<0.1	<0.1
28779	Soil	87.3	12.44	3.27	7.57	1.06	4.76	0.77	1.81	0.28	1.61	0.21	3.0	9.3	8.6	37	21.0	1.2	<0.1	<0.1	<0.1
28780	Soil	36.3	5.89	1.61	4.25	0.63	3.33	0.56	1.57	0.22	1.47	0.21	23.6	34.9	6.0	48	21.2	0.8	0.4	<0.1	<0.1
28781	Soil	30.5	4.62	1.10	2.98	0.45	2.29	0.40	1.16	0.18	1.18	0.17	3.3	15.7	6.6	33	22.7	1.1	<0.1	<0.1	<0.1
28782	Soil	22.2	3.89	0.91	2.65	0.41	2.27	0.40	1.09	0.17	1.05	0.15	0.5	19.4	8.4	46	36.1	2.2	<0.1	<0.1	<0.1
28783	Soil	32.3	5.65	1.41	4.19	0.66	3.38	0.62	1.67	0.27	1.55	0.23	0.7	20.5	7.9	39	33.8	2.2	<0.1	<0.1	<0.1
28784	Soil	25.4	4.53	1.05	3.30	0.49	2.44	0.47	1.33	0.20	1.27	0.19	2.6	22.5	7.7	37	26.6	1.6	0.1	<0.1	<0.1
28785	Soil	24.2	4.15	1.01	3.32	0.47	2.51	0.49	1.36	0.21	1.33	0.18	0.9	19.9	5.8	32	22.2	2.3	0.2	<0.1	<0.1
28786	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28787	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28788	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28789	Soil	44.2	7.03	1.91	5.40	0.79	3.99	0.71	2.02	0.30	1.78	0.24	1.5	48.2	6.4	54	44.9	2.2	0.1	<0.1	<0.1
28790	Soil	113.0	14.62	3.81	8.39	1.27	6.01	1.02	2.43	0.37	2.13	0.28	2.9	28.3	10.0	58	49.3	1.5	0.3	<0.1	<0.1
28791	Soil	218.0	29.86	8.48	20.41	2.95	14.54	2.49	6.05	0.81	4.69	0.64	4.7	23.2	13.0	93	39.9	3.0	0.3	0.1	<0.1
28792	Soil	298.1	34.97	9.37	19.08	2.37	9.48	1.28	2.83	0.43	2.29	0.28	10.8	16.6	69.4	383	595.9	0.7	0.5	<0.1	0.3
28793	Soil	132.9	16.71	4.65	10.59	1.49	7.21	1.30	3.68	0.58	3.72	0.52	3.7	24.6	10.8	141	102.0	1.1	0.3	<0.1	<0.1
28794	Soil	367.0	48.94	13.37	32.26	4.19	19.20	3.08	7.27	1.00	5.95	0.76	4.0	46.0	24.8	216	70.3	3.8	1.1	0.1	0.2
28795	Soil	50.1	7.70	2.15	5.22	0.70	3.34	0.62	1.61	0.26	1.81	0.24	1.5	26.5	4.7	82	56.3	<0.5	0.4	<0.1	<0.1
28796	Soil	115.7	17.11	4.51	11.85	1.60	7.34	1.30	3.35	0.51	3.08	0.39	1.4	63.5	10.8	79	71.5	1.4	0.2	<0.1	<0.1
28797	Soil	167.8	23.72	6.64	16.88	2.35	10.85	1.90	4.90	0.75	4.42	0.61	7.4	52.3	15.3	99	118.1	1.9	0.3	<0.1	<0.1



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Report Date:

November 22, 2007

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## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Pb	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28693	Soil	0.1	1.9	0.06	0.3	1.7
28694	Soil	<0.1	0.7	0.01	<0.1	<0.5
28695	Soil	<0.1	0.9	0.02	0.1	0.5
28696	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28697	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28698	Soil	<0.1	<0.5	0.02	0.1	<0.5
28699	Soil	<0.1	5.6	0.02	0.1	1.0
28700	Soil	<0.1	1.5	0.01	0.1	<0.5
28776	Soil	<0.1	1.0	0.01	<0.1	0.6
28777	Soil	0.1	0.8	0.04	0.1	1.2
28778	Soil	<0.1	0.5	0.05	0.1	0.7
28779	Soil	<0.1	<0.5	0.03	<0.1	0.6
28780	Soil	<0.1	0.7	0.05	0.1	2.1
28781	Soil	<0.1	0.8	0.03	<0.1	<0.5
28782	Soil	<0.1	2.0	0.01	0.1	<0.5
28783	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28784	Soil	<0.1	0.8	0.04	<0.1	0.6
28785	Soil	<0.1	<0.5	0.02	<0.1	0.5
28786	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28787	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28788	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
28789	Soil	<0.1	6.2	0.02	<0.1	<0.5
28790	Soil	<0.1	<0.5	0.02	<0.1	0.7
28791	Soil	0.1	1.4	0.02	0.1	1.3
28792	Soil	<0.1	<0.5	0.02	0.4	1.0
28793	Soil	<0.1	0.7	0.01	<0.1	0.7
28794	Soil	0.1	0.6	0.03	0.2	1.3
28795	Soil	<0.1	1.6	0.05	<0.1	0.8
28796	Soil	<0.1	1.0	0.01	<0.1	<0.5
28797	Soil	<0.1	0.7	0.03	<0.1	1.4

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Part 1

# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte																				
		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
28751	Soil	641	12	37.6	3.5	17.9	8.5	118.8	48.0	3	98.8	4.0	11.7	1.0	316	3.2	332.8	27.9	54.1	107.0	14.63
28752	Soil	599	4	28.6	2.6	16.8	5.9	66.3	75.2	2	199.9	2.3	12.2	1.5	179	4.1	209.2	23.3	53.7	101.1	12.59
28753	Soil	317	4	12.9	1.4	21.8	8.8	123.2	61.2	3	104.8	5.8	15.8	1.8	173	7.4	271.7	31.8	106.3	189.2	23.03
28754	Soil	472	5	34.6	2.1	16.7	6.3	92.6	61.2	2	163.3	3.0	14.7	0.9	202	11.1	207.8	26.9	64.0	124.7	15.08
28755	Soil	592	1	16.3	1.7	14.5	4.8	27.4	72.4	1	247.4	1.4	8.1	0.9	93	2.1	148.5	14.1	29.7	58.2	7.05
28756	Soil	450	3	32.5	1.4	14.7	5.7	64.9	53.4	2	158.7	2.6	13.4	0.9	141	5.9	191.4	28.0	64.3	125.4	14.96
28757	Soil	408	2	19.8	2.8	10.7	3.9	43.4	50.0	1	103.4	1.8	12.3	1.6	102	3.8	122.0	17.4	55.4	112.1	14.93
28758	Soil	1310	5	20.1	1.5	16.2	3.9	35.3	76.5	2	113.4	2.6	9.3	3.4	227	11.2	127.2	43.0	130.0	255.7	36.89
28759	Soil	623	5	26.8	1.8	19.4	7.5	114.1	68.0	4	249.6	5.3	82.9	1.3	164	6.9	240.2	78.2	798.2	1337	187.3
28760	Soil	532	3	26.2	1.5	17.2	7.5	76.4	65.2	2	218.3	3.4	21.1	1.8	152	7.3	247.2	45.4	78.5	145.0	18.78
28761	Soil	518	5	34.9	1.8	18.4	5.8	79.6	66.9	2	198.3	2.5	11.5	1.3	185	9.5	211.7	32.4	69.7	108.7	15.77
28762	Soil	438	2	31.4	2.5	16.6	5.2	60.1	54.7	2	217.9	2.1	9.1	2.1	171	7.1	183.6	21.8	48.2	90.5	11.59
28763	Soil	285	4	17.3	1.1	8.6	2.4	22.0	18.9	1	185.9	0.8	4.1	75.4	109	4.4	78.6	41.3	125.4	272.6	38.46
28764	Soil	1072	6	30.0	2.0	17.9	7.5	166.7	71.2	3	337.1	6.9	18.2	4.5	232	8.9	296.9	51.1	129.6	222.8	28.05
28765	Soil	380	6	34.5	1.8	19.1	6.8	94.9	59.2	2	234.0	2.4	17.3	5.6	222	10.2	240.8	39.8	50.8	89.6	12.43
28766	Soil	624	5	29.6	2.4	17.2	6.4	122.8	69.6	3	278.0	5.1	20.3	2.5	198	4.9	246.0	39.4	115.2	209.9	26.38
28767	Soil	901	8	31.2	1.6	16.8	7.6	198.1	55.1	3	388.3	8.3	24.0	3.9	206	3.8	310.4	54.1	203.6	356.3	44.49
28768	Soil	654	10	30.3	0.9	12.8	7.0	277.2	32.7	5	652.8	12.6	33.8	5.1	231	1.9	347.6	68.3	304.2	517.9	67.87
28769	Soil	657	7	20.7	0.6	6.9	5.8	233.6	19.2	5	662.9	10.8	34.1	7.2	159	0.6	303.8	68.0	307.8	544.0	72.44
28770	Soil	781	6	34.1	1.3	14.6	7.6	251.8	39.0	5	479.4	10.7	29.3	4.4	255	2.7	327.0	68.5	283.4	483.8	61.93
28771	Soil	792	8	23.1	0.7	7.1	5.0	476.3	22.3	5	1217	15.3	40.6	6.7	164	2.1	285.6	100.3	503.8	824.7	107.0
28772	Soil	540	5	27.5	0.9	13.8	9.0	218.2	33.8	4	675.5	11.1	29.6	4.2	207	2.5	379.9	53.2	221.6	389.6	48.36
28773	Soil	691	9	24.8	0.9	10.2	5.5	246.9	32.0	4	628.8	10.9	29.4	5.5	189	1.7	274.7	57.3	244.0	411.4	50.63
28801	Soil	372	17	64.3	2.2	15.2	5.3	119.4	36.9	2	230.7	2.8	19.3	1.6	263	3.1	209.2	30.8	88.1	167.3	17.93
28802	Soil	572	4	26.0	1.5	15.2	4.9	70.1	66.8	2	239.6	1.8	14.8	1.3	143	2.5	174.6	23.9	69.8	133.4	13.88
28803	Soil	374	9	57.3	3.1	15.7	5.0	108.3	44.0	2	140.4	1.8	17.3	0.8	212	5.1	181.1	21.8	49.9	104.3	10.77
28804	Soil	543	3	32.9	2.8	17.9	5.8	59.5	74.8	2	226.4	1.4	11.1	1.1	142	9.2	179.4	18.8	43.3	89.3	9.43
28805	Soil	321	7	40.6	1.5	11.6	4.0	146.2	55.6	2	228.5	2.0	22.6	1.2	204	7.9	130.5	41.2	109.8	212.6	23.27
28806	Soil	480	5	27.9	2.2	11.6	3.8	48.1	47.9	1	281.5	1.2	12.3	3.3	133	2.7	134.5	26.7	44.7	85.0	11.73
28807	Soil	380	16	59.4	2.3	15.7	6.0	61.9	25.3	2	248.9	2.4	8.5	0.7	266	12.1	233.2	23.2	34.1	69.8	8.69

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

	Method Analyte Unit MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28751	Soil	59.9	10.24	2.84	8.17	1.13	5.80	1.05	2.77	0.42	2.55	0.36	1.4	115.1	9.4	99	72.3	<0.5	0.2	<0.1	<0.1
28752	Soil	45.5	8.02	2.21	6.27	0.91	4.71	0.87	2.23	0.33	2.09	0.30	7.2	66.3	6.6	65	110.5	1.1	0.1	<0.1	<0.1
28753	Soil	80.1	11.49	2.65	7.89	1.11	6.11	1.17	3.42	0.52	2.98	0.38	22.1	20.1	35.3	39	58.9	0.8	<0.1	<0.1	<0.1
28754	Soil	55.4	9.15	2.62	7.47	1.10	5.81	1.04	2.62	0.38	2.39	0.31	1.1	77.3	7.0	80	115.0	0.9	<0.1	<0.1	<0.1
28755	Soil	26.0	4.35	1.13	3.34	0.50	2.79	0.51	1.46	0.23	1.38	0.19	2.0	17.0	14.1	40	49.5	1.4	<0.1	<0.1	<0.1
28756	Soil	52.8	9.25	2.62	7.43	1.14	5.86	1.06	2.69	0.42	2.42	0.31	1.5	39.1	9.9	54	120.5	1.1	0.1	<0.1	<0.1
28757	Soil	57.8	8.97	2.31	5.95	0.78	3.81	0.65	1.77	0.27	1.67	0.23	47.3	40.8	39.7	206	85.7	1.0	<0.1	<0.1	<0.1
28758	Soil	142.9	24.22	6.75	17.66	2.26	11.04	1.81	4.41	0.61	3.98	0.52	20.5	41.6	8.3	109	51.6	0.8	0.1	<0.1	<0.1
28759	Soil	691.7	99.31	19.45	59.53	7.03	28.44	2.87	5.55	0.80	4.89	0.59	2.3	49.3	23.0	72	97.7	1.8	0.2	<0.1	<0.1
28760	Soil	68.7	12.52	3.46	10.65	1.57	8.39	1.56	4.15	0.63	3.70	0.51	1.6	55.1	21.8	70	87.8	1.5	0.2	<0.1	<0.1
28761	Soil	57.8	10.87	2.73	8.25	1.23	6.62	1.11	3.11	0.45	2.68	0.36	1.4	59.1	8.8	105	107.3	1.0	0.2	<0.1	<0.1
28762	Soil	45.3	7.23	1.99	5.54	0.71	4.07	0.76	2.04	0.30	1.87	0.26	1.1	57.8	5.4	95	95.3	1.2	0.1	<0.1	<0.1
28763	Soil	150.0	24.02	6.08	16.59	2.40	11.02	1.78	4.25	0.61	3.82	0.56	6.9	65.4	3.0	260	51.8	8.2	0.6	<0.1	<0.1
28764	Soil	106.2	17.27	5.06	14.22	2.06	10.39	1.78	4.50	0.61	3.58	0.48	4.1	79.1	13.3	115	63.7	2.6	0.4	0.1	<0.1
28765	Soil	49.7	8.32	2.59	7.60	1.20	6.41	1.35	4.02	0.62	3.99	0.56	1.9	51.7	6.9	104	86.4	1.1	0.2	<0.1	<0.1
28766	Soil	105.9	15.91	4.27	11.68	1.69	8.10	1.35	3.57	0.53	3.14	0.44	2.2	48.0	9.7	103	81.0	1.5	0.4	<0.1	<0.1
28767	Soil	170.5	25.52	6.88	18.36	2.49	12.45	1.88	4.77	0.68	3.72	0.49	1.9	75.5	14.9	101	76.6	2.0	0.3	<0.1	0.2
28768	Soil	262.0	39.45	9.41	26.62	3.30	17.01	2.62	7.15	0.79	4.47	0.51	2.3	40.3	24.5	109	49.8	2.7	0.4	0.1	0.2
28769	Soil	281.4	42.10	10.32	28.74	3.53	17.36	2.67	6.87	0.74	4.38	0.56	0.7	13.7	28.4	88	25.7	2.4	0.4	<0.1	0.2
28770	Soil	237.7	37.94	8.57	24.67	3.10	15.83	2.52	7.24	0.79	4.71	0.61	1.3	34.7	18.9	106	71.5	1.6	0.4	<0.1	0.1
28771	Soil	404.3	56.49	14.78	39.22	4.89	24.52	3.83	10.25	1.16	6.83	0.90	4.4	66.2	54.6	172	37.7	2.4	0.9	<0.1	0.3
28772	Soil	179.2	31.39	6.49	20.31	2.54	12.52	2.04	4.90	0.61	3.48	0.46	1.2	87.1	20.3	111	50.9	2.4	0.3	<0.1	0.2
28773	Soil	189.9	32.65	6.79	21.53	2.62	13.75	2.06	4.90	0.65	3.62	0.50	3.3	76.4	25.1	125	48.0	4.0	0.4	0.2	0.2
28801	Soil	76.4	12.54	3.51	10.20	1.30	6.87	1.10	2.84	0.40	2.34	0.32	3.1	49.9	14.3	104	451.7	0.9	0.3	<0.1	<0.1
28802	Soil	61.6	9.59	2.69	7.24	0.95	5.40	0.88	2.29	0.31	1.84	0.27	1.3	49.6	12.9	64	103.1	2.2	0.1	<0.1	<0.1
28803	Soil	51.6	8.57	2.55	7.27	0.95	5.10	0.84	2.07	0.26	1.56	0.23	2.1	22.8	11.8	78	325.0	1.0	0.2	<0.1	<0.1
28804	Soil	44.1	6.80	1.88	5.21	0.72	3.86	0.69	1.74	0.25	1.48	0.21	1.7	40.9	24.5	81	57.3	1.4	0.1	<0.1	<0.1
28805	Soil	102.9	16.47	4.59	12.68	1.73	9.27	1.44	3.70	0.49	2.83	0.42	51.7	207.2	33.5	103	108.4	1.5	0.4	<0.1	0.1
28806	Soil	48.1	8.16	2.45	7.10	0.95	5.39	0.92	2.38	0.32	1.85	0.27	18.3	84.6	10.7	63	126.3	1.3	0.2	<0.1	<0.1
28807	Soil	35.7	6.23	1.93	5.72	0.81	4.80	0.85	2.36	0.35	1.97	0.28	7.2	93.6	10.3	92	364.1	0.6	0.2	<0.1	<0.1

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Project:

ELDOR CARBONATITE

Report Date:

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Part 3

## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28751	Soil	<0.1	<0.5	0.01	<0.1	0.6
28752	Soil	<0.1	2.3	<0.01	0.1	0.5
28753	Soil	<0.1	1.1	0.02	<0.1	<0.5
28754	Soil	<0.1	1.1	<0.01	0.1	0.5
28755	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28756	Soil	<0.1	1.3	<0.01	<0.1	<0.5
28757	Soil	<0.1	0.7	0.03	<0.1	1.2
28758	Soil	<0.1	0.8	0.04	<0.1	1.2
28759	Soil	<0.1	1.6	0.01	<0.1	1.5
28760	Soil	<0.1	<0.5	0.01	<0.1	0.5
28761	Soil	<0.1	1.0	0.01	<0.1	0.5
28762	Soil	<0.1	0.7	0.01	<0.1	1.2
28763	Soil	<0.1	0.8	<0.01	<0.1	3.3
28764	Soil	<0.1	0.8	0.03	0.2	1.4
28765	Soil	<0.1	0.7	0.02	<0.1	1.0
28766	Soil	<0.1	0.9	0.01	0.2	0.9
28767	Soil	<0.1	1.4	<0.01	0.2	0.7
28768	Soil	0.1	<0.5	0.01	0.2	0.9
28769	Soil	0.1	<0.5	<0.01	<0.1	0.9
28770	Soil	<0.1	1.7	0.02	0.1	0.9
28771	Soil	0.1	<0.5	<0.01	0.2	1.6
28772	Soil	<0.1	0.7	<0.01	0.1	0.8
28773	Soil	0.1	<0.5	<0.01	0.2	1.1
28801	Soil	<0.1	<0.5	0.01	0.1	<0.5
28802	Soil	<0.1	0.5	0.01	0.1	<0.5
28803	Soil	<0.1	<0.5	<0.01	0.1	<0.5
28804	Soil	<0.1	<0.5	<0.01	0.1	<0.5
28805	Soil	0.3	0.6	0.04	0.2	0.9
28806	Soil	<0.1	<0.5	0.07	0.1	1.9
28807	Soil	<0.1	1.0	<0.01	0.1	<0.5



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Project:

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**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method Analyte	Unit	4B																			
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
MDL	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28808	Soil	558	5	24.1	1.4	16.1	6.1	74.4	59.9	2	187.5	2.4	12.3	1.3	145	3.8	221.2	24.5	60.2	124.5	14.79
28809	Soil	400	6	33.6	2.1	17.1	4.8	82.3	61.5	2	143.2	2.9	13.7	1.1	211	5.6	206.9	21.9	58.4	125.7	14.93
28810	Soil	396	6	37.2	1.5	17.4	6.4	98.1	36.2	2	158.5	3.4	15.1	1.3	203	6.4	221.7	22.2	66.5	126.2	15.01
28811	Soil	617	10	42.1	1.7	18.4	8.8	269.8	45.6	4	195.1	11.5	35.5	5.0	305	6.3	356.8	59.2	228.8	411.5	45.02
28812	Soil	831	12	29.1	1.0	12.5	6.1	325.8	31.9	7	639.7	25.1	58.1	8.1	358	4.4	359.1	92.2	439.8	706.1	97.95
28813	Soil	703	10	33.1	1.2	16.9	8.1	317.5	37.9	5	325.6	10.7	38.6	5.5	262	3.8	350.3	58.7	210.8	504.6	41.28
28814	Soil	2755	14	47.5	1.5	17.4	11.5	343.0	53.4	6	515.7	13.0	69.1	5.9	302	2.9	512.8	84.7	386.5	622.2	81.39
28815	Soil	703	6	34.6	1.3	16.6	6.5	183.9	43.5	3	415.6	7.8	28.2	3.5	217	4.0	249.0	46.5	168.3	309.5	33.32
28816	Soil	610	14	50.7	1.1	13.3	5.5	428.7	29.2	5	292.9	19.3	58.4	11.0	218	5.6	270.5	82.6	329.9	557.1	73.37
28817	Soil	510	7	33.8	1.4	14.8	5.1	155.4	47.5	3	247.2	4.0	42.6	2.1	174	5.1	188.7	58.4	530.5	781.7	86.73
28818	Soil	602	31	57.1	1.3	10.4	4.4	618.6	35.0	13	375.9	2.5	402.7	2.3	225	6.1	163.6	168.4	1643	3600	521.9
28819	Soil	600	7	35.3	1.7	15.6	5.2	174.6	52.2	4	242.7	4.1	47.9	1.8	191	5.5	202.9	51.4	392.5	589.9	69.44
28820	Soil	454	5	32.0	2.2	13.2	4.4	82.6	43.9	3	298.8	2.7	22.3	3.5	151	5.4	160.7	43.1	139.0	217.0	27.51
28821	Soil	1240	15	52.5	1.7	21.8	11.2	308.4	53.1	5	346.3	15.6	40.2	6.1	362	7.9	451.5	52.6	175.9	411.7	39.87
28822	Soil	619	15	37.4	1.6	20.7	9.3	329.3	48.3	5	245.3	16.6	41.4	6.5	352	6.6	384.8	53.3	198.2	408.5	44.62
28823	Soil	1138	69	50.2	1.2	19.6	6.7	598.3	46.8	20	240.4	3.2	368.4	4.1	288	13.7	236.5	274.0	1197	1865	244.1
28824	Soil	852	13	37.2	1.9	19.1	8.0	329.7	51.5	6	321.4	10.9	43.4	4.7	274	5.8	317.2	83.8	360.8	598.8	74.19
28825	Soil	1093	27	21.7	4.0	20.5	9.1	226.4	76.2	4	202.3	7.3	43.9	2.6	280	8.5	336.2	70.8	124.6	220.0	25.77
28826	Soil	1041	23	45.4	2.9	18.7	8.3	221.7	52.7	4	287.7	9.0	34.0	3.8	279	5.1	338.1	83.3	227.8	405.8	52.81
28827	Soil	1098	11	40.6	2.2	17.9	7.3	235.9	61.0	5	401.8	8.3	55.8	3.3	253	4.9	306.4	72.0	272.9	461.1	57.69
28828	Soil	1398	43	43.4	4.9	18.2	7.1	408.0	79.0	11	263.0	4.7	161.1	2.7	339	9.8	267.8	127.4	486.8	1051	107.8
28829	Soil	942	6	42.1	3.8	22.1	8.2	73.9	87.6	4	308.8	4.0	9.0	1.4	351	2.5	316.7	24.8	33.8	104.6	8.93
28830	Soil	1233	9	41.0	1.9	16.7	6.5	108.8	49.7	3	290.5	4.8	24.6	3.4	264	3.7	242.2	45.1	131.4	243.2	30.35
28831	Soil	219	2	49.1	0.5	21.0	6.5	53.2	30.1	3	166.0	3.2	5.6	0.8	207	<0.5	246.6	22.9	31.8	80.5	9.09
28832	Soil	705	7	35.7	1.4	16.2	6.2	165.6	43.6	4	480.3	6.7	32.1	2.5	195	2.5	258.2	52.6	180.7	323.4	41.04
28833	Soil	451	4	28.4	0.7	17.9	8.7	88.8	37.5	3	419.9	4.0	16.7	2.1	117	1.2	318.3	37.1	89.9	149.6	19.91
28834	Soil	831	3	36.6	0.8	20.5	6.0	73.7	34.8	3	313.5	3.5	10.4	1.1	171	1.5	226.5	27.2	54.6	120.6	12.60
28835	Soil	537	3	40.7	1.1	20.1	6.8	139.2	42.8	3	371.2	4.7	23.4	1.7	192	2.2	267.8	49.2	150.8	294.2	36.10
28836	Soil	640	3	30.4	1.3	17.8	7.0	104.2	60.0	2	294.4	4.5	13.5	1.6	166	2.7	246.1	37.9	103.8	189.8	22.28
28837	Soil	541	5	37.7	0.9	17.8	7.1	145.9	33.7	3	305.1	5.0	33.7	2.3	198	2.0	267.9	46.4	163.0	327.8	36.18

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Part 2

CERTIFICATE OF ANALYSIS

VAN07000611.1

	Method Analyte Unit MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi			
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28808	Soil	55.6	7.92	2.12	6.18	0.84	4.97	0.89	2.38	0.39	2.12	0.31	6.1	38.5	10.8	58	102.6	2.3	0.1	<0.1	<0.1			
28809	Soil	57.7	8.17	2.12	5.84	0.80	4.47	0.79	2.33	0.31	1.88	0.27	4.4	42.4	51.0	80	109.8	1.5	0.2	<0.1	0.3			
28810	Soil	58.2	8.59	2.30	6.33	0.86	4.72	0.85	2.26	0.32	1.80	0.28	2.3	46.0	25.2	75	100.9	1.7	0.2	<0.1	<0.1			
28811	Soil	190.0	27.37	7.29	19.82	2.73	14.16	2.28	5.82	0.75	3.99	0.60	8.3	55.7	38.3	157	105.6	3.6	0.5	<0.1	0.2			
28812	Soil	385.1	55.52	12.14	37.29	4.51	21.85	3.41	7.90	1.06	5.74	0.85	3.6	44.0	78.0	147	74.2	2.4	0.9	<0.1	0.2			
28813	Soil	182.6	26.04	7.12	18.82	2.57	14.49	2.38	5.87	0.77	3.95	0.59	4.7	36.8	43.4	142	81.2	2.0	0.5	<0.1	0.3			
28814	Soil	308.1	47.33	11.31	30.27	3.86	19.94	3.08	7.45	0.98	5.15	0.74	7.9	105.1	43.2	200	93.2	2.8	0.7	0.1	0.3			
28815	Soil	155.1	22.24	5.90	16.01	2.01	10.50	1.72	4.09	0.55	2.92	0.45	3.8	79.4	20.4	134	72.9	2.2	0.3	<0.1	0.1			
28816	Soil	285.9	46.97	11.54	31.06	3.85	19.24	3.08	7.43	0.95	5.10	0.78	5.1	76.0	43.5	159	324.3	3.3	0.8	0.1	0.2			
28817	Soil	282.5	31.10	7.89	18.69	2.52	12.71	2.02	5.14	0.68	3.36	0.52	3.4	47.9	22.2	150	111.0	3.2	0.8	<0.1	0.2			
28818	Soil	1995	208.3	46.52	99.04	10.64	46.35	5.94	13.40	1.71	9.15	1.32	28.5	76.6	130.8	1032	386.3	8.9	7.7	0.5	0.9			
28819	Soil	215.9	28.21	7.30	18.70	2.43	12.32	1.91	4.61	0.60	3.04	0.46	6.2	58.0	30.2	159	110.1	3.1	0.5	0.1	0.2			
28820	Soil	103.2	14.94	4.12	10.74	1.59	7.35	1.34	3.45	0.56	2.96	0.44	12.5	63.2	20.5	641	132.7	2.7	0.9	0.1	0.1			
28821	Soil	149.8	22.38	5.99	14.93	2.36	11.10	2.04	5.14	0.74	4.13	0.56	8.4	72.1	29.0	131	99.2	2.2	0.4	<0.1	0.3			
28822	Soil	164.6	23.62	6.32	15.58	2.43	11.45	2.00	5.32	0.75	4.22	0.59	7.7	54.3	38.2	128	97.0	5.8	0.3	<0.1	0.3			
28823	Soil	916.0	140.7	39.73	100.4	13.32	64.55	9.73	22.56	2.95	15.11	1.84	30.1	32.6	104.8	686	289.3	12.5	2.2	0.3	1.6			
28824	Soil	276.3	39.53	10.75	25.93	3.92	18.27	3.09	7.43	1.04	5.61	0.73	9.3	60.2	53.2	312	105.0	7.5	2.3	0.3	0.4			
28825	Soil	95.0	15.16	4.67	14.12	2.55	13.57	2.54	6.54	0.94	5.30	0.72	4.2	60.3	27.5	106	60.3	2.4	0.5	0.1	0.2			
28826	Soil	202.4	32.81	9.39	24.92	3.71	17.30	2.96	7.32	1.08	5.81	0.74	2.1	91.3	31.9	142	113.1	4.6	0.4	0.1	0.2			
28827	Soil	221.2	31.83	8.92	22.82	3.34	14.95	2.57	6.47	0.90	5.01	0.66	3.9	106.3	26.6	150	109.7	3.0	0.5	<0.1	0.2			
28828	Soil	403.7	60.35	16.44	40.11	5.98	28.30	4.70	11.74	1.66	8.70	1.11	10.5	107.9	97.1	432	138.5	3.3	0.9	0.1	0.7			
28829	Soil	35.4	5.59	1.87	4.10	0.75	4.07	0.89	2.70	0.44	2.73	0.41	1.9	65.6	9.7	162	49.8	<0.5	0.2	<0.1	0.2			
28830	Soil	114.0	17.55	5.00	12.86	1.95	9.20	1.62	3.95	0.60	3.29	0.44	2.9	69.2	14.7	101	77.2	2.4	0.2	<0.1	0.1			
28831	Soil	36.2	6.95	2.11	5.68	0.92	4.47	0.83	2.26	0.25	1.79	0.27	0.5	9.5	2.5	89	35.6	<0.5	<0.1	<0.1	<0.1			
28832	Soil	160.6	24.82	6.94	17.25	2.45	10.92	1.89	4.52	0.64	3.72	0.51	2.0	80.7	23.5	116	59.0	1.9	0.3	<0.1	0.2			
28833	Soil	72.6	12.07	3.16	9.05	1.44	6.70	1.28	3.50	0.56	3.14	0.46	1.7	32.4	19.1	114	34.3	<0.5	0.2	<0.1	<0.1			
28834	Soil	47.2	7.92	2.44	6.02	1.03	4.89	0.97	2.46	0.32	2.04	0.30	1.3	33.5	7.7	90	47.1	0.6	0.1	<0.1	<0.1			
28835	Soil	139.0	21.42	5.93	14.99	2.19	9.36	1.72	4.13	0.61	3.42	0.48	1.5	48.0	15.4	112	59.8	1.4	0.3	0.1	0.1			
28836	Soil	86.3	13.07	3.65	9.67	1.49	6.69	1.28	3.32	0.48	2.79	0.41	1.4	49.7	11.3	95	66.3	1.5	0.2	<0.1	<0.1			
28837	Soil	141.7	21.41	5.55	13.87	1.96	8.99	1.62	4.11	0.64	3.52	0.48	2.1	27.9	36.8	117	53.8	2.0	0.2	<0.1	0.3			



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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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# CERTIFICATE OF ANALYSIS

**VAN07000611.1**

Method	1DX	1DX	1DX	1DX	1DX	
Analyte	Ag	Au	Hg	Pb	Se	
Unit	ppm	ppb	ppm	ppm	ppm	
MDL	0.1	0.5	0.01	0.1	0.5	
28808	Soil	<0.1	<0.5	<0.01	0.1	<0.5
28809	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28810	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28811	Soil	<0.1	0.8	0.02	0.2	0.8
28812	Soil	0.1	<0.5	0.02	0.1	1.2
28813	Soil	<0.1	<0.5	0.02	0.1	0.9
28814	Soil	0.1	<0.5	0.03	0.2	2.0
28815	Soil	<0.1	<0.5	<0.01	0.2	0.6
28816	Soil	<0.1	<0.5	0.02	0.1	1.0
28817	Soil	<0.1	<0.5	0.02	0.1	0.8
28818	Soil	<0.1	2.3	0.07	0.9	2.0
28819	Soil	<0.1	0.7	0.02	0.2	<0.5
28820	Soil	<0.1	<0.5	0.06	<0.1	2.8
28821	Soil	<0.1	<0.5	0.01	0.2	1.0
28822	Soil	<0.1	<0.5	<0.01	0.1	0.6
28823	Soil	<0.1	<0.5	0.02	0.9	2.0
28824	Soil	0.1	<0.5	0.02	0.2	1.3
28825	Soil	<0.1	<0.5	<0.01	0.1	<0.5
28826	Soil	<0.1	<0.5	0.02	0.3	1.2
28827	Soil	<0.1	1.3	0.01	0.2	1.3
28828	Soil	<0.1	<0.5	<0.01	0.8	1.7
28829	Soil	<0.1	<0.5	<0.01	0.6	0.6
28830	Soil	<0.1	<0.5	0.03	0.2	0.6
28831	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28832	Soil	<0.1	0.5	0.01	0.2	<0.5
28833	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28834	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28835	Soil	<0.1	<0.5	0.02	0.2	<0.5
28836	Soil	<0.1	<0.5	0.02	0.1	<0.5
28837	Soil	<0.1	<0.5	0.02	0.1	<0.5

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**Project:** ELDOR CARBONATITE  
**Report Date:** November 22, 2007

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# CERTIFICATE OF ANALYSIS

## VAN07000611.1

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
Analyte	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
28838	Soil	1129	5	38.6	1.3	15.3	5.9	284.2	40.3	5	407.5	5.8	50.6	5.2	199	2.8	250.5	76.5	305.7	532.6	65.86
28839	Soil	566	3	31.3	1.1	17.7	6.9	92.5	45.8	3	325.7	3.8	14.7	1.2	171	2.7	234.7	28.2	75.0	148.6	16.76
28840	Soil	379	3	46.7	0.6	19.0	6.2	61.1	30.8	3	332.1	3.6	7.4	0.9	213	1.1	241.8	30.9	52.6	85.9	12.76
28841	Soil	411	4	44.6	0.7	18.0	5.8	61.9	41.2	2	318.1	2.9	10.6	0.9	185	0.6	216.5	30.7	80.2	122.7	16.62
38826	Soil	641	<1	9.8	0.9	13.3	6.0	17.8	59.7	1	343.1	0.9	8.0	1.2	69	0.6	206.5	14.6	31.8	54.1	7.24
38827	Soil	542	<1	44.5	0.9	20.8	6.4	32.8	51.0	2	177.1	2.2	5.8	1.0	237	1.3	231.8	23.6	33.7	65.9	8.93
38828	Soil	444	<1	16.9	1.0	17.8	9.2	61.4	60.7	3	185.6	3.4	8.7	1.2	93	3.0	316.6	34.6	55.4	91.1	13.24
38829	Soil	560	1	19.7	1.1	15.9	7.9	25.1	70.5	1	312.6	1.3	10.7	1.2	102	2.2	273.2	30.9	46.1	76.8	10.89
38830	Soil	451	5	29.2	1.4	16.8	5.7	43.6	41.1	2	202.4	2.3	8.9	1.3	162	5.5	224.0	26.9	46.1	76.2	10.96
38831	Soil	285	5	43.4	1.1	17.8	5.9	62.9	23.7	2	131.3	2.8	5.6	0.5	256	6.6	229.6	17.7	44.0	97.3	10.95
38832	Soil	749	17	56.2	6.1	19.1	5.5	173.1	62.4	2	99.4	3.3	31.6	1.6	305	17.3	228.2	39.1	130.9	214.9	25.88
38833	Soil	355	24	25.9	4.3	21.9	6.9	162.2	60.3	3	41.4	3.3	28.7	0.4	336	24.7	299.8	51.6	85.9	146.1	22.33
38834	Soil	634	4	17.5	1.5	14.2	5.8	62.2	66.8	2	288.5	1.1	23.7	0.8	103	2.6	192.6	27.0	78.3	113.6	16.51
38835	Soil	640	1	12.0	1.4	14.4	5.8	13.2	70.1	7	290.5	0.6	8.0	1.1	70	1.1	191.7	13.1	27.1	41.7	5.97
38836	Soil	893	7	34.9	2.5	16.9	5.9	198.2	66.5	2	200.4	2.8	37.6	1.0	190	14.2	232.8	45.8	207.1	383.0	45.52
38837	Soil	716	7	23.6	1.9	16.9	5.3	64.5	75.1	2	260.9	1.5	17.3	1.0	106	8.9	181.9	20.6	80.6	130.5	16.79
38838	Soil	785	4	20.2	2.3	17.3	5.5	48.4	94.3	1	296.7	1.2	20.5	1.3	101	5.3	175.7	23.5	82.7	126.0	17.09
38839	Soil	641	17	39.4	2.1	16.0	6.7	93.4	86.1	2	276.5	1.1	33.3	1.0	143	5.8	248.7	29.4	133.4	274.7	29.96
38840	Soil	662	2	12.5	1.4	15.0	4.3	14.5	79.5	2	298.4	0.4	8.0	1.0	70	0.9	148.6	10.3	31.2	50.2	7.23
38841	Soil	715	16	38.2	2.4	15.5	6.0	82.0	77.3	3	251.5	1.4	18.7	9.7	170	6.0	232.8	26.4	79.2	122.8	17.74
38842	Soil	414	8	38.1	2.4	14.0	4.6	132.7	43.5	3	205.2	1.7	18.0	1.4	230	3.8	177.1	29.4	274.9	406.2	52.19
38843	Soil	602	7	32.2	2.1	17.5	5.8	153.1	61.1	3	269.8	3.0	21.8	2.7	159	3.2	206.1	25.1	126.8	285.4	29.49
38844	Soil	766	14	28.7	1.4	15.4	5.2	437.2	63.2	5	475.6	10.1	72.8	6.4	174	4.3	191.9	95.2	429.1	720.2	107.7
38845	Soil	622	1	12.2	1.2	14.5	4.5	30.7	70.4	1	286.8	0.5	7.2	1.0	83	0.8	138.9	9.6	35.9	58.8	8.60
38846	Soil	633	7	20.4	1.7	15.3	3.7	143.1	71.7	2	373.8	3.9	22.0	2.7	96	1.7	145.2	31.8	138.1	255.7	32.34
38847	Soil	724	3	20.4	1.4	14.5	5.5	654.0	71.9	4	576.9	6.6	30.6	3.9	111	3.2	206.4	60.6	304.3	523.0	71.15
38848	Soil	809	4	20.0	1.4	13.7	4.8	690.7	66.7	4	655.8	6.8	41.9	4.5	112	3.1	177.8	75.3	349.6	609.0	84.96
38849	Soil	672	4	18.9	1.5	13.3	4.3	280.1	55.1	3	517.8	4.7	40.7	4.4	104	2.3	165.1	60.4	318.8	533.1	70.71
38850	Soil	699	1	9.9	1.2	15.2	6.2	9.1	78.0	<1	334.4	0.4	6.4	1.0	57	<0.5	180.3	8.7	23.0	36.5	5.32
38851	Soil	651	<1	9.6	1.5	15.3	4.9	8.5	82.3	1	293.9	0.4	7.0	1.1	60	<0.5	165.3	8.6	23.2	36.5	5.29

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November 22, 2007

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Part 3

## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28838	Soil	<0.1	<0.5	0.05	0.2	0.9
28839	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28840	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28841	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38826	Soil	<0.1	<0.5	0.01	<0.1	<0.5
38827	Soil	<0.1	0.6	0.01	<0.1	<0.5
38828	Soil	<0.1	<0.5	0.01	<0.1	<0.5
38829	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38830	Soil	<0.1	1.3	0.01	<0.1	<0.5
38831	Soil	<0.1	0.7	<0.01	<0.1	<0.5
38832	Soil	<0.1	2.0	0.01	0.2	<0.5
38833	Soil	<0.1	1.0	0.02	0.1	<0.5
38834	Soil	<0.1	1.4	0.01	0.1	<0.5
38835	Soil	<0.1	0.8	<0.01	<0.1	<0.5
38836	Soil	<0.1	1.3	0.01	0.4	<0.5
38837	Soil	<0.1	0.7	<0.01	0.2	<0.5
38838	Soil	<0.1	0.8	0.01	0.3	<0.5
38839	Soil	<0.1	<0.5	0.02	0.3	<0.5
38840	Soil	<0.1	<0.5	<0.01	0.1	<0.5
38841	Soil	<0.1	1.2	0.03	0.4	0.6
38842	Soil	<0.1	0.7	0.02	0.2	<0.5
38843	Soil	<0.1	0.6	0.01	0.2	<0.5
38844	Soil	<0.1	1.7	0.03	0.5	<0.5
38845	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38846	Soil	<0.1	0.7	0.02	0.2	<0.5
38847	Soil	<0.1	3.2	0.02	0.2	0.5
38848	Soil	<0.1	0.9	0.03	0.3	0.7
38849	Soil	<0.1	0.8	0.03	0.2	<0.5
38850	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38851	Soil	<0.1	<0.5	<0.01	<0.1	<0.5

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CERTIFICATE OF ANALYSIS

VAN07000611.1

Method Analyte Unit MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.02
28721	Soil	659	4	26.2	2.1	16.9	6.1	79.8	74.5	2	242.8	2.2	12.7	1.1	152	4.2	221.0	20.6	107.4	144.6	19.01	
28722	Soil	588	4	29.2	2.1	18.5	6.0	156.0	63.7	2	222.8	4.2	14.4	2.0	187	7.1	244.8	21.8	79.5	128.2	18.26	
28723	Soil	518	7	30.7	1.7	16.0	5.1	178.7	54.1	3	271.6	4.3	30.4	2.0	188	6.2	211.5	36.6	158.8	272.3	32.15	
28724	Soil	702	5	37.2	3.0	15.8	5.1	129.4	54.5	3	232.3	2.7	16.9	3.4	168	5.4	175.2	23.8	117.4	210.9	25.96	
28725	Soil	518	11	49.0	2.3	16.2	5.1	177.8	59.1	3	383.0	4.0	26.3	1.4	214	4.2	189.4	43.4	163.9	289.3	36.42	
28842	Soil	750	6	35.8	1.5	19.0	9.3	134.6	52.5	4	170.7	3.5	26.9	1.6	191	5.9	341.1	40.2	164.7	290.0	30.64	
28843	Soil	682	9	54.1	3.0	18.3	6.0	78.9	34.0	3	150.9	2.6	9.0	1.1	267	1.3	212.9	32.1	68.2	123.7	15.84	
28844	Soil	771	4	18.8	1.5	15.3	5.4	84.2	74.4	2	349.6	2.4	20.4	1.5	106	1.7	185.0	33.7	128.9	220.8	26.78	
28845	Soil	558	6	46.5	2.2	18.1	4.2	140.3	47.6	3	238.0	2.7	40.5	3.1	231	4.8	143.9	58.1	215.6	335.6	40.90	
28846	Soil	534	13	51.8	2.4	17.5	5.4	164.5	62.2	3	141.4	2.6	29.5	0.8	236	6.6	184.3	39.8	122.9	208.8	25.51	
28847	Soil	749	4	20.4	1.5	15.2	7.8	87.7	68.6	3	252.3	3.0	17.5	1.2	108	2.4	273.2	28.5	98.9	192.3	22.31	
28848	Soil	525	5	80.4	0.3	11.5	2.2	263.3	3.7	4	452.1	5.6	76.8	4.0	382	7.3	69.3	210.2	370.8	563.9	72.81	
28849	Soil	218	3	44.5	0.7	11.6	4.4	312.3	17.7	4	1266	9.3	166.8	13.2	953	1.6	378.7	159.9	361.0	822.4	118.4	
28850	Soil	629	5	30.7	1.5	14.1	5.1	140.3	58.9	2	263.7	3.2	21.8	2.6	163	4.7	171.6	39.6	163.4	282.9	32.80	
38901	Soil	691	8	39.6	1.7	15.5	6.1	141.1	58.7	2	294.2	3.6	25.7	1.6	194	4.0	227.4	40.4	155.3	266.3	31.03	
38902	Soil	627	7	38.3	2.0	16.4	5.6	137.1	59.8	2	245.0	3.0	28.6	1.6	188	4.5	207.8	41.8	211.6	349.3	41.50	
38903	Soil	630	5	32.5	1.9	14.9	5.0	212.2	67.2	2	371.3	4.5	21.9	1.8	163	4.1	180.7	33.7	133.6	239.3	28.42	
38904	Soil	506	9	35.6	1.3	14.3	5.5	387.7	42.8	10	207.3	4.1	48.8	2.8	179	8.2	186.4	64.7	307.9	562.2	72.72	
38905	Soil	581	5	26.1	1.7	14.3	5.5	158.4	61.5	3	422.8	3.2	24.5	1.9	155	5.4	189.7	38.0	140.8	257.5	31.59	
38906	Soil	526	10	32.3	1.7	17.0	5.4	182.2	47.1	3	163.4	5.0	20.6	1.5	247	9.0	202.9	24.6	116.0	210.4	24.65	
38907	Soil	615	8	25.3	1.6	14.6	5.4	203.4	65.3	3	409.8	4.0	30.1	2.6	154	4.2	201.4	36.9	273.9	453.2	56.72	
38908	Soil	675	11	21.3	1.5	13.8	3.9	477.3	72.3	5	387.1	2.5	51.4	1.9	120	3.0	138.4	67.4	540.4	749.7	90.01	
38909	Soil	658	<1	12.6	1.3	14.7	4.7	58.1	72.5	2	303.1	1.2	11.5	1.4	78	1.4	157.5	17.8	104.6	181.2	20.30	
38910	Soil	648	3	17.6	1.6	14.4	4.6	133.9	72.2	2	385.8	3.2	19.0	2.2	100	2.1	162.9	31.2	190.3	319.6	37.46	
38911	Soil	462	2	35.4	0.4	11.9	7.5	329.9	45.8	4	722.8	2.6	18.2	2.5	191	4.4	487.2	45.2	378.2	543.3	63.76	
38912	Soil	725	<1	10.4	1.4	14.3	5.6	9.7	77.0	<1	334.5	0.5	8.8	1.1	56	<0.5	168.5	13.0	33.7	51.7	7.81	
38913	Soil	709	2	18.6	1.8	11.9	3.3	129.6	62.9	2	354.1	8.1	21.7	12.7	78	1.6	120.4	26.6	74.9	128.9	19.45	
38914	Soil	678	4	9.4	1.0	12.6	5.0	123.9	65.7	<1	370.7	0.9	10.4	1.5	57	<0.5	154.4	13.9	44.6	75.0	10.89	
38915	Soil	715	<1	9.9	1.2	12.6	4.3	9.4	75.8	<1	335.7	0.5	6.0	1.0	51	<0.5	142.4	10.6	24.4	39.1	5.43	
38916	Soil	688	<1	10.2	1.3	11.9	3.7	298.3	67.4	1	387.8	1.0	15.0	3.6	61	<0.5	122.4	14.5	50.0	99.4	14.19	

**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method Analyte Unit MDL	4B		4B		4B		4B		4B		4B		4B		1DX		1DX		1DX		1DX		1DX	
	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi				
28721 Soil	68.0	9.72	2.55	6.29	0.80	4.64	0.86	2.17	0.34	2.08	0.31	0.7	48.7	7.7	66	76.8	1.4	<0.1	<0.1	<0.1				
28722 Soil	70.2	10.09	2.80	6.53	0.87	5.17	0.90	2.48	0.37	2.31	0.35	1.2	61.6	8.2	71	65.7	1.3	<0.1	<0.1	<0.1				
28723 Soil	125.5	19.68	5.56	13.53	1.93	9.05	1.55	3.69	0.50	3.18	0.45	1.7	64.1	18.5	83	85.1	0.8	0.2	<0.1	0.1				
28724 Soil	95.8	13.50	3.62	8.50	1.03	5.94	1.00	2.59	0.35	2.30	0.36	3.1	64.3	14.2	92	113.9	1.1	0.3	<0.1	0.1				
28725 Soil	139.1	20.23	5.60	12.92	1.91	9.20	1.56	3.96	0.50	3.30	0.47	4.2	97.5	21.3	112	204.9	1.3	0.3	<0.1	0.1				
28842 Soil	111.5	16.30	4.45	11.53	1.54	8.80	1.51	3.87	0.56	3.36	0.50	2.2	48.7	17.1	101	100.5	1.0	0.1	<0.1	0.1				
28843 Soil	62.1	10.61	3.23	8.25	1.08	6.35	1.21	3.14	0.47	2.73	0.39	1.3	106.4	10.8	126	162.5	<0.5	0.2	<0.1	<0.1				
28844 Soil	98.9	14.63	4.11	9.82	1.22	7.02	1.23	2.90	0.41	2.45	0.33	2.5	32.3	16.6	87	58.7	1.9	0.2	<0.1	0.1				
28845 Soil	150.6	21.34	6.02	13.41	2.18	11.53	2.10	5.52	0.77	4.70	0.63	3.6	95.6	15.2	126	158.7	0.8	0.4	<0.1	0.1				
28846 Soil	96.1	15.67	4.63	11.29	1.41	8.35	1.43	3.69	0.50	3.14	0.45	1.6	99.2	14.2	93	207.1	1.4	0.3	<0.1	0.1				
28847 Soil	83.5	12.69	3.05	8.10	1.15	5.31	1.01	2.59	0.39	2.39	0.34	1.1	44.3	15.9	80	72.3	1.8	0.2	<0.1	0.1				
28848 Soil	285.5	52.16	16.95	50.70	7.56	39.84	7.06	18.91	2.74	16.09	2.04	9.6	150.7	32.5	102	276.7	6.3	0.7	<0.1	1.0				
28849 Soil	527.7	85.06	24.22	67.06	8.33	39.47	5.90	13.11	1.66	7.96	0.91	6.2	20.9	45.5	97	61.5	10.3	0.4	0.1	0.3				
28850 Soil	121.1	17.49	4.44	12.43	1.74	8.14	1.41	3.42	0.45	2.74	0.36	4.4	61.0	21.8	95	109.8	2.3	0.2	<0.1	0.1				
38901 Soil	115.3	17.12	4.76	12.25	1.81	8.17	1.45	3.44	0.47	2.75	0.36	5.2	62.4	17.1	87	143.4	1.6	0.3	<0.1	<0.1				
38902 Soil	155.8	20.83	5.58	14.28	1.92	8.67	1.47	3.45	0.51	2.91	0.37	3.4	68.3	17.4	94	170.9	2.3	0.1	<0.1	0.2				
38903 Soil	108.3	15.46	4.06	10.34	1.42	6.64	1.13	2.95	0.41	2.39	0.34	3.2	74.5	14.9	81	126.4	1.9	0.2	<0.1	0.1				
38904 Soil	272.3	35.47	9.69	23.84	3.23	14.75	2.29	5.36	0.72	3.92	0.50	5.4	42.7	68.7	341	145.0	1.7	1.0	<0.1	0.5				
38905 Soil	121.1	17.70	4.65	12.37	1.67	7.77	1.36	3.32	0.49	2.64	0.34	3.4	58.8	24.2	101	96.7	2.1	0.2	<0.1	0.2				
38906 Soil	92.3	12.84	3.27	8.29	1.12	4.94	0.91	2.33	0.33	2.01	0.27	2.8	32.8	14.4	81	111.2	1.5	0.2	<0.1	0.1				
38907 Soil	212.7	25.99	6.46	14.65	1.85	7.68	1.25	3.15	0.45	2.66	0.35	6.0	52.3	16.0	100	85.4	2.2	0.4	<0.1	0.1				
38908 Soil	326.6	41.17	11.03	26.99	3.68	16.96	2.50	5.23	0.67	3.25	0.40	9.5	33.1	26.0	111	56.5	2.8	0.7	<0.1	0.2				
38909 Soil	72.7	9.46	2.32	5.64	0.78	3.39	0.58	1.53	0.22	1.32	0.18	1.8	17.5	10.3	50	33.9	2.4	0.1	<0.1	<0.1				
38910 Soil	138.7	18.04	4.60	10.96	1.49	6.46	1.09	2.63	0.35	2.13	0.29	4.2	29.5	13.0	76	55.7	2.9	0.3	<0.1	<0.1				
38911 Soil	219.3	23.40	5.61	11.73	1.59	7.59	1.43	4.54	0.77	4.90	0.70	24.3	34.6	150.4	512	46.1	4.6	2.9	0.3	0.2				
38912 Soil	27.4	4.53	0.96	3.11	0.47	2.27	0.43	1.14	0.19	1.14	0.16	0.6	19.6	7.0	33	26.1	1.8	<0.1	<0.1	<0.1				
38913 Soil	76.8	11.34	2.83	7.93	1.14	5.17	0.92	2.31	0.32	1.91	0.26	20.3	38.0	12.6	76	42.5	3.3	0.3	<0.1	<0.1				
38914 Soil	40.7	5.78	1.54	3.86	0.54	2.50	0.48	1.29	0.21	1.10	0.16	3.2	16.8	5.8	30	18.8	1.4	<0.1	<0.1	<0.1				
38915 Soil	21.4	3.35	0.80	2.25	0.36	1.83	0.36	0.96	0.16	0.98	0.13	1.5	13.7	5.8	32	21.6	1.4	<0.1	<0.1	<0.1				
38916 Soil	54.9	7.77	1.94	4.77	0.66	2.86	0.51	1.35	0.18	1.19	0.16	2.4	20.7	6.9	47	28.4	1.1	0.1	<0.1	<0.1				



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Project: **ELDOR CARBONATITE**

Report Date: **November 22, 2007**

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# CERTIFICATE OF ANALYSIS

**VAN07000611.1**

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Pb	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28721	Soil	<0.1	<0.5	0.02	0.1	<0.5
28722	Soil	<0.1	<0.5	0.02	<0.1	<0.5
28723	Soil	<0.1	<0.5	0.03	<0.1	<0.5
28724	Soil	<0.1	<0.5	0.03	0.1	<0.5
28725	Soil	<0.1	0.6	0.01	0.2	<0.5
28842	Soil	<0.1	<0.5	0.01	0.1	<0.5
28843	Soil	<0.1	<0.5	0.02	0.1	<0.5
28844	Soil	<0.1	<0.5	<0.01	0.2	<0.5
28845	Soil	0.2	<0.5	0.03	0.1	1.1
28846	Soil	<0.1	<0.5	0.01	0.2	0.6
28847	Soil	<0.1	0.7	0.01	0.1	<0.5
28848	Soil	0.2	3.8	0.03	<0.1	3.5
28849	Soil	0.2	12.7	0.02	<0.1	2.4
28850	Soil	<0.1	0.8	0.02	0.1	0.9
38901	Soil	<0.1	0.7	0.02	0.1	0.6
38902	Soil	<0.1	<0.5	0.02	0.1	<0.5
38903	Soil	<0.1	0.7	0.02	0.1	0.8
38904	Soil	0.2	1.2	0.03	0.3	1.5
38905	Soil	<0.1	1.1	<0.01	0.2	0.6
38906	Soil	<0.1	0.8	0.02	<0.1	0.5
38907	Soil	0.1	<0.5	0.02	0.2	0.9
38908	Soil	0.2	0.5	0.03	0.2	1.1
38909	Soil	<0.1	0.8	0.02	0.1	<0.5
38910	Soil	0.1	1.1	0.02	0.2	1.0
38911	Soil	0.2	<0.5	0.14	0.3	0.7
38912	Soil	<0.1	<0.5	0.01	0.1	<0.5
38913	Soil	0.2	1.5	0.06	0.2	2.7
38914	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38915	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38916	Soil	<0.1	<0.5	0.03	<0.1	0.8

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Report Date:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
38917	Soil	622	2	18.4	1.2	13.6	3.5	198.0	69.1	2	338.2	3.1	17.7	1.9	83	2.4	129.5	33.2	131.8	238.5	28.86
38918	Soil	657	<1	10.6	1.5	14.9	5.1	16.1	69.7	<1	321.9	0.4	8.9	1.1	64	<0.5	167.8	11.7	27.0	43.7	6.33
38919	Soil	650	1	10.9	1.3	13.1	5.6	150.7	69.4	1	314.2	1.8	16.6	1.6	64	0.8	193.1	14.5	78.6	169.6	19.41
38920	Soil	662	3	17.0	1.3	13.6	4.8	1003	67.0	3	603.1	1.1	56.0	1.5	94	1.8	177.9	77.9	224.4	494.8	67.21
38921	Soil	752	<1	10.2	1.1	14.2	5.4	121.4	74.0	1	372.0	0.6	14.6	1.2	62	0.6	172.0	15.3	54.1	95.4	13.63
38922	Soil	719	1	8.7	1.3	14.8	5.1	17.5	74.3	<1	330.6	0.4	8.5	1.0	55	<0.5	154.4	11.8	31.2	51.0	7.26
38923	Soil	665	<1	11.4	2.2	12.4	3.3	32.5	77.4	1	323.3	0.6	11.2	21.8	62	0.7	105.8	15.6	44.8	65.3	10.62
38924	Soil	715	<1	14.7	1.7	14.1	4.0	64.7	75.3	1	332.5	1.9	11.0	2.0	74	1.8	129.6	17.2	60.2	92.4	12.34
38925	Soil	571	<1	14.8	1.1	15.4	4.7	59.4	53.3	1	471.6	1.4	7.3	1.4	98	0.6	165.4	13.0	65.1	97.0	12.51
39351	Soil	628	2	17.8	1.4	14.4	4.7	244.5	63.3	2	601.1	11.6	46.9	6.4	87	1.8	174.7	70.1	248.6	436.0	50.15
39352	Soil	621	<1	12.5	1.2	13.4	3.9	346.2	60.3	2	455.3	2.5	13.4	3.0	74	0.6	145.4	25.8	251.3	352.6	33.31
39353	Soil	644	2	7.8	1.5	16.1	4.0	50.9	77.2	2	295.8	1.4	10.4	1.4	78	0.8	136.7	12.9	53.2	107.6	12.09
39354	Soil	695	2	15.1	1.8	14.8	4.6	43.4	76.1	1	326.2	1.2	12.1	1.7	87	0.7	153.3	23.0	68.3	126.1	15.92
39355	Soil	700	<1	11.5	1.4	14.9	3.7	50.3	78.9	1	325.4	1.1	8.1	1.0	70	0.6	132.2	12.6	34.1	67.7	7.76
39356	Soil	500	13	30.2	1.8	17.3	4.3	192.8	63.3	3	207.4	1.9	14.0	2.2	182	4.6	156.8	27.6	154.9	291.7	31.54
39357	Soil	784	5	17.1	1.6	14.8	4.1	490.1	71.8	5	489.4	15.5	32.0	16.1	126	2.5	168.8	46.8	175.5	368.9	45.37
39358	Soil	655	3	15.5	1.2	14.8	4.2	746.9	63.6	2	610.8	9.2	35.8	4.8	110	2.4	168.4	71.1	190.8	423.2	47.25
39359	Soil	736	3	16.4	1.4	14.5	4.1	173.1	65.4	2	447.6	3.9	24.4	5.7	95	1.3	162.6	33.7	142.9	290.9	35.02
39360	Soil	517	4	12.4	1.2	8.8	3.1	229.4	46.3	2	620.5	2.9	47.2	72.6	76	1.2	125.9	45.2	266.4	521.4	65.62
39361	Soil	669	1	11.9	1.3	13.0	5.2	81.9	73.7	1	418.3	1.1	16.5	2.5	67	0.8	181.6	23.7	81.8	170.9	20.43
39362	Soil	713	1	11.1	1.4	14.4	4.9	27.6	74.3	1	340.8	0.6	11.0	1.3	63	0.5	168.7	13.5	66.7	138.3	16.25
39363	Soil	659	1	12.9	1.3	15.7	3.9	35.0	79.0	1	317.4	0.9	9.1	3.4	74	<0.5	140.0	13.5	35.3	77.9	8.62
39364	Soil	693	4	18.7	1.6	15.6	4.5	273.4	79.1	2	378.0	4.1	21.2	3.5	111	2.1	150.0	24.1	152.7	308.9	36.40
39365	Soil	742	2	11.4	1.2	14.3	5.0	9.1	74.4	<1	319.1	0.4	11.5	1.3	62	<0.5	167.6	13.0	35.7	68.6	8.33
39366	Soil	753	3	18.0	1.8	15.5	4.7	203.4	79.1	3	383.4	6.3	45.6	5.2	98	1.8	162.0	48.7	184.8	362.0	46.14
39367	Soil	792	5	19.8	1.7	14.9	5.1	263.4	75.2	3	452.1	7.7	59.5	4.9	103	2.0	177.7	61.6	328.2	565.9	76.31
39368	Soil	756	2	17.2	1.3	15.7	5.0	181.9	67.9	3	390.0	4.1	28.6	3.7	97	1.2	172.3	35.6	182.6	334.8	41.15
39369	Soil	674	4	17.6	1.8	15.5	4.5	242.0	70.8	3	312.6	6.6	34.8	4.6	110	1.5	166.7	31.7	200.3	379.8	46.26
39370	Soil	823	6	17.1	1.4	14.6	4.6	258.1	68.7	3	717.3	9.6	70.0	7.9	107	1.4	171.2	76.9	718.6	1146	152.2
39371	Soil	826	5	16.9	1.5	14.6	4.9	233.2	69.9	2	394.0	4.0	28.7	2.8	101	1.7	191.3	42.0	187.5	358.4	47.01

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## CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
38917	Soil	<0.1	<0.5	0.02	0.1	0.8
38918	Soil	<0.1	1.0	0.01	<0.1	<0.5
38919	Soil	<0.1	<0.5	0.01	<0.1	<0.5
38920	Soil	0.2	<0.5	0.03	0.1	1.6
38921	Soil	<0.1	<0.5	0.01	0.1	<0.5
38922	Soil	<0.1	<0.5	0.01	<0.1	<0.5
38923	Soil	<0.1	0.8	0.06	<0.1	0.8
38924	Soil	<0.1	0.5	0.02	<0.1	<0.5
38925	Soil	<0.1	<0.5	0.01	<0.1	<0.5
39351	Soil	0.1	<0.5	0.02	0.1	1.3
39352	Soil	<0.1	1.1	0.02	<0.1	<0.5
39353	Soil	<0.1	0.6	0.02	<0.1	<0.5
39354	Soil	<0.1	<0.5	0.03	0.1	<0.5
39355	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
39356	Soil	<0.1	0.6	0.01	0.4	<0.5
39357	Soil	0.1	<0.5	0.04	0.3	0.6
39358	Soil	<0.1	<0.5	0.02	0.1	<0.5
39359	Soil	<0.1	1.0	0.03	0.1	<0.5
39360	Soil	0.1	1.2	0.07	0.1	0.7
39361	Soil	<0.1	0.9	0.03	0.1	<0.5
39362	Soil	<0.1	0.9	0.01	<0.1	<0.5
39363	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
39364	Soil	<0.1	0.7	0.01	0.2	<0.5
39365	Soil	<0.1	<0.5	0.01	<0.1	<0.5
39366	Soil	<0.1	1.7	0.02	0.2	<0.5
39367	Soil	<0.1	1.9	0.03	0.2	<0.5
39368	Soil	<0.1	<0.5	0.02	0.2	<0.5
39369	Soil	<0.1	<0.5	0.02	0.2	<0.5
39370	Soil	0.1	1.4	0.05	0.3	<0.5
39371	Soil	<0.1	<0.5	0.03	0.3	<0.5

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CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
39372	Soil			1262	14	19.5	2.0	13.6	4.4	308.7	71.0	3	432.2	16.4	25.4	12.0	101	1.3	167.9	40.4	181.6	338.1	43.16
39373	Soil			698	8	17.9	1.4	14.1	5.8	472.5	58.0	3	435.0	14.9	49.0	7.5	125	1.7	211.2	59.4	211.7	392.6	54.12
39374	Soil			530	9	21.8	1.3	10.4	4.6	960.0	41.8	6	1247	72.8	59.7	33.8	94	2.3	195.8	141.2	385.2	703.5	99.43
39375	Soil			810	7	24.6	1.6	15.4	5.4	699.9	74.4	5	707.8	14.8	51.4	13.2	150	3.5	219.7	77.6	268.9	509.2	68.07
38876	Soil			564	5	23.0	1.5	13.8	4.5	369.6	53.8	3	676.6	11.1	31.5	10.8	152	2.9	195.8	66.0	238.9	491.1	57.38
38877	Soil			662	10	39.6	1.5	10.5	3.8	672.5	47.3	8	831.9	18.0	53.3	51.7	146	6.8	190.8	82.5	432.3	885.4	100.1
28774	Soil			655	<1	13.6	1.4	15.0	5.0	10.6	73.4	1	308.3	0.7	6.9	1.1	72	<0.5	168.1	12.1	27.9	52.5	6.39
28775	Soil			570	8	30.5	1.7	18.7	5.9	97.5	66.2	3	204.8	3.3	17.4	1.3	170	7.3	214.1	39.6	111.6	206.4	25.20
28851	Soil			685	3	23.6	1.5	14.2	5.0	385.5	64.8	5	530.5	11.0	22.1	5.5	122	2.7	178.9	46.3	233.8	457.7	51.17
28852	Soil			611	4	20.3	1.3	13.0	3.7	336.3	59.0	3	893.3	9.4	20.0	4.9	112	1.8	136.1	50.1	212.7	430.6	50.50
28853	Soil			620	4	21.3	1.3	14.2	4.2	431.0	62.5	3	649.2	18.0	35.6	10.1	128	3.1	187.3	56.4	255.8	514.8	59.02
28854	Soil			584	9	47.2	3.8	15.1	9.3	372.5	53.9	5	384.2	19.8	31.8	4.1	352	3.0	430.1	79.1	325.8	743.6	79.42
28855	Soil			727	10	22.7	2.7	17.1	6.8	133.6	66.8	3	258.6	4.1	23.2	3.1	147	20.1	262.9	35.5	167.4	361.2	38.00
28856	Soil			762	10	21.6	1.3	12.3	3.7	314.0	64.3	3	663.0	7.8	45.5	6.5	116	5.6	156.8	50.3	319.6	598.6	64.38
28857	Soil			592	19	26.1	1.7	12.8	4.7	898.7	51.0	8	600.1	16.5	108.6	9.4	136	9.2	187.7	115.0	547.7	1051	120.9
28858	Soil			581	5	31.0	2.1	12.8	4.9	310.3	60.3	5	262.8	2.6	65.6	1.7	149	6.7	192.1	54.3	243.0	603.7	73.25
28859	Soil			636	17	24.2	1.7	15.4	4.6	282.5	69.5	3	280.5	4.0	44.0	2.6	155	7.2	175.7	46.7	142.2	298.2	34.07
28860	Soil			659	32	15.3	2.1	6.4	2.3	63.4	33.2	1	281.2	0.9	15.8	0.9	76	4.8	89.9	26.4	66.7	112.1	14.93
28861	Soil			647	13	38.0	6.0	18.3	6.1	114.9	69.8	3	164.0	2.7	29.5	0.8	255	13.4	244.6	35.8	125.9	232.2	27.28
28862	Soil			356	12	53.7	8.6	19.1	6.6	94.1	56.5	4	71.0	2.8	24.5	0.3	325	10.3	263.5	33.4	46.6	102.0	13.00
28863	Soil			452	17	54.3	2.1	18.3	7.1	306.5	39.4	5	117.2	4.3	106.2	2.6	320	18.0	275.4	50.1	405.8	783.9	78.07
28864	Soil			308	7	45.9	3.5	19.8	7.0	53.0	36.7	2	108.5	2.9	6.9	0.9	293	8.0	277.7	19.8	34.2	90.9	9.07
28865	Soil			107	4	42.8	0.4	20.1	7.5	60.1	6.2	3	98.5	3.1	9.3	2.0	299	7.6	374.0	33.7	43.2	91.4	11.35
28866	Soil			778	5	31.4	1.6	17.2	9.0	85.3	59.0	2	205.1	3.9	14.1	2.3	180	2.6	314.2	27.1	56.7	176.2	14.15
28867	Soil			584	2	34.8	1.6	14.4	5.2	40.0	31.6	2	313.4	2.1	7.7	2.0	184	5.6	221.2	29.6	56.9	89.6	13.68
28868	Soil			486	3	37.6	0.8	22.7	6.7	46.7	27.3	2	76.9	2.9	3.0	0.4	285	1.1	230.2	20.9	27.2	58.8	7.69
28869	Soil			621	3	32.4	1.2	14.5	5.2	31.3	36.4	2	314.5	1.8	6.4	1.7	149	2.0	180.9	29.3	59.5	80.2	14.60
28870	Soil			562	2	21.3	1.2	16.0	5.4	20.9	65.6	1	180.2	1.2	5.1	0.9	143	1.0	190.1	12.7	17.1	38.5	4.22
28871	Soil			750	3	36.8	1.2	18.4	6.4	42.8	85.4	2	199.3	2.6	9.5	1.2	191	4.8	235.1	31.5	47.6	98.2	12.44
28872	Soil			619	<1	9.5	0.8	14.8	7.5	33.7	61.0	2	280.6	1.8	8.2	1.3	92	8.0	274.8	18.5	38.5	76.7	9.14

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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

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CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
39372	Soil			167.3	23.18	6.25	14.27	2.04	9.30	1.49	3.63	0.49	3.03	0.43	12.0	29.9	14.8	81	53.6	2.8	0.4	<0.1	0.1	
39373	Soil			216.0	31.35	8.83	21.52	2.98	13.27	2.21	5.34	0.72	4.12	0.57	18.0	18.8	11.8	88	39.6	5.0	0.2	0.1	0.1	
39374	Soil			411.5	62.40	17.55	47.36	6.56	31.39	5.19	12.17	1.50	8.84	1.16	43.2	24.4	16.4	409	23.3	9.5	2.7	0.4	0.2	
39375	Soil			275.7	43.05	11.51	28.51	4.06	18.71	3.02	6.95	0.89	5.35	0.73	33.9	22.6	10.2	91	31.5	2.9	0.6	0.1	0.1	
38876	Soil			224.1	35.05	9.40	21.84	3.15	15.29	2.43	5.69	0.79	4.54	0.57	22.4	35.8	9.9	101	37.6	3.7	0.5	<0.1	0.1	
38877	Soil			376.8	54.65	14.12	31.89	4.29	19.76	3.09	7.52	1.05	6.08	0.79	165.6	62.6	21.7	249	142.3	6.4	1.2	0.2	0.4	
28774	Soil			23.7	3.97	0.90	2.59	0.42	2.26	0.42	1.16	0.20	1.18	0.17	1.0	13.6	8.6	36	22.4	3.6	0.2	0.1	<0.1	
28775	Soil			96.9	15.43	3.81	10.08	1.59	8.17	1.46	3.77	0.54	3.23	0.45	3.5	53.2	12.8	76	103.7	1.2	0.2	<0.1	<0.1	
28851	Soil			190.1	27.28	7.02	14.98	2.24	10.80	1.70	4.16	0.59	3.39	0.44	7.5	36.4	15.1	120	65.9	3.4	0.6	<0.1	0.1	
28852	Soil			196.8	30.28	7.93	17.84	2.65	12.48	1.95	4.47	0.59	3.44	0.44	10.3	30.4	11.9	85	37.4	2.9	0.5	0.1	0.1	
28853	Soil			221.2	32.83	8.75	19.53	2.93	13.34	2.07	4.82	0.62	3.69	0.48	8.9	28.9	16.5	113	43.5	3.8	0.4	0.1	0.2	
28854	Soil			301.4	45.16	11.98	28.50	4.28	20.23	3.04	6.62	0.86	4.47	0.56	2.5	177.5	16.5	103	45.7	1.2	0.3	<0.1	<0.1	
28855	Soil			140.3	20.25	5.02	10.52	1.71	7.98	1.27	3.33	0.49	2.89	0.39	19.2	32.2	12.3	78	37.1	2.7	0.3	<0.1	0.2	
28856	Soil			233.6	33.43	8.47	17.78	2.62	12.01	1.79	4.31	0.58	3.40	0.47	37.3	42.3	19.4	164	37.3	4.1	0.6	0.1	0.2	
28857	Soil			461.6	65.05	16.49	37.11	5.45	25.67	4.12	9.69	1.31	7.19	0.91	48.1	49.4	55.4	303	47.3	6.6	0.7	0.3	0.4	
28858	Soil			326.1	51.40	11.96	24.29	3.17	13.62	1.90	4.41	0.59	3.42	0.43	30.8	43.2	111.3	332	30.5	2.8	1.0	<0.1	1.6	
28859	Soil			139.4	26.24	7.07	16.34	2.34	11.17	1.69	3.98	0.55	3.17	0.42	16.0	55.2	38.5	116	44.4	2.6	0.2	0.1	0.2	
28860	Soil			58.3	10.41	3.13	7.67	1.18	5.82	0.91	2.21	0.32	1.79	0.26	8.2	87.5	11.9	64	41.8	1.3	0.2	<0.1	0.1	
28861	Soil			101.2	17.25	4.68	10.78	1.63	8.04	1.35	3.31	0.51	3.09	0.46	4.3	105.3	10.6	94	79.8	1.2	0.1	<0.1	<0.1	
28862	Soil			54.5	10.51	3.19	7.91	1.28	6.78	1.22	3.18	0.50	2.93	0.41	1.2	39.8	8.0	120	172.9	<0.5	0.1	<0.1	<0.1	
28863	Soil			289.5	48.97	12.55	26.38	3.46	14.43	1.96	4.39	0.68	4.24	0.57	20.3	168.1	29.6	189	59.7	4.1	0.3	<0.1	<0.1	
28864	Soil			36.5	6.36	1.76	4.48	0.66	4.16	0.77	1.94	0.32	2.00	0.32	0.3	90.1	8.4	80	123.2	0.7	<0.1	<0.1	<0.1	
28865	Soil			47.1	8.16	2.31	5.57	0.78	5.68	1.19	3.55	0.55	3.38	0.49	1.5	58.9	8.0	68	39.7	0.5	0.1	<0.1	<0.1	
28866	Soil			51.8	9.29	2.40	5.99	0.91	5.73	1.01	2.61	0.40	2.33	0.35	1.2	57.8	12.7	72	35.7	3.4	<0.1	<0.1	<0.1	
28867	Soil			53.6	9.35	2.69	6.94	0.94	5.98	1.08	2.76	0.40	2.40	0.37	1.6	128.3	5.1	85	34.7	0.5	0.1	<0.1	<0.1	
28868	Soil			31.9	5.98	1.79	4.28	0.61	4.07	0.80	1.98	0.29	1.80	0.24	0.4	23.3	3.1	67	56.2	<0.5	<0.1	<0.1	<0.1	
28869	Soil			58.5	10.61	3.15	7.98	0.99	5.88	1.05	2.78	0.40	2.26	0.32	1.5	124.4	4.4	55	31.0	<0.5	0.2	<0.1	<0.1	
28870	Soil			16.6	3.00	0.88	2.30	0.37	2.45	0.49	1.28	0.21	1.21	0.17	2.1	30.8	6.4	36	18.3	2.0	<0.1	<0.1	<0.1	
28871	Soil			49.0	9.12	2.52	6.99	0.99	6.11	1.15	3.01	0.47	2.81	0.40	0.8	86.3	5.9	90	56.8	0.9	0.1	<0.1	<0.1	
28872	Soil			33.8	6.25	1.57	4.28	0.62	3.79	0.70	1.91	0.27	1.61	0.23	1.4	74.1	6.1	34	16.6	1.5	<0.1	<0.1	<0.1	

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Project:

ELDOR CARBONATITE

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Pb	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
39372	Soil	0.1	2.0	0.03	0.2	<0.5
39373	Soil	0.1	2.2	0.02	0.3	<0.5
39374	Soil	0.4	8.6	0.04	0.2	1.1
39375	Soil	<0.1	2.0	0.02	0.3	<0.5
38876	Soil	<0.1	2.3	0.02	0.1	0.5
38877	Soil	0.2	4.6	0.06	0.4	0.9
28774	Soil	<0.1	0.5	0.02	<0.1	<0.5
28775	Soil	<0.1	0.7	0.02	0.1	<0.5
28851	Soil	0.1	3.3	0.03	0.2	<0.5
28852	Soil	<0.1	2.5	0.03	0.1	<0.5
28853	Soil	0.1	2.3	0.02	0.2	<0.5
28854	Soil	<0.1	1.1	<0.01	0.2	<0.5
28855	Soil	<0.1	1.2	0.02	0.2	<0.5
28856	Soil	0.1	1.5	0.03	0.3	<0.5
28857	Soil	0.2	2.9	0.06	0.6	0.5
28858	Soil	0.1	1.0	0.05	0.1	<0.5
28859	Soil	<0.1	1.7	0.02	0.2	0.8
28860	Soil	<0.1	2.1	0.08	0.1	1.4
28861	Soil	<0.1	1.8	0.02	0.2	0.6
28862	Soil	<0.1	2.1	0.01	0.2	<0.5
28863	Soil	<0.1	4.0	0.02	0.3	1.2
28864	Soil	<0.1	6.0	0.01	<0.1	<0.5
28865	Soil	<0.1	4.6	0.02	<0.1	<0.5
28866	Soil	<0.1	0.9	0.01	0.1	0.5
28867	Soil	<0.1	0.7	0.05	<0.1	1.0
28868	Soil	<0.1	0.6	0.02	<0.1	<0.5
28869	Soil	<0.1	<0.5	0.06	<0.1	0.9
28870	Soil	<0.1	0.6	0.01	<0.1	<0.5
28871	Soil	<0.1	0.8	0.02	<0.1	<0.5
28872	Soil	<0.1	0.6	0.02	<0.1	<0.5

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	
28873	Soil			568	3	14.5	1.2	13.2	5.5	26.6	63.6	1	219.9	1.4	9.4	1.5	96	1.1	205.8	17.8	34.6	72.8	8.20
28874	Soil			628	4	13.7	1.8	15.4	5.0	29.1	86.4	2	121.6	1.9	12.0	2.4	123	1.3	173.4	22.9	42.1	79.8	9.95
28875	Soil			646	2	14.4	2.0	17.3	6.8	24.0	90.7	1	188.3	1.5	13.2	3.2	123	0.9	249.0	17.8	41.7	96.3	10.20
38801	Soil			584	4	13.1	1.7	14.3	6.0	29.6	85.8	1	157.9	1.3	15.0	2.8	133	2.4	244.8	15.7	35.5	74.0	8.19
38802	Soil			539	2	31.2	1.6	15.3	4.0	22.9	59.4	2	77.9	1.1	13.9	3.9	214	3.2	144.0	34.0	78.3	66.9	15.81
38803	Soil			591	2	16.2	1.5	14.8	5.3	38.3	66.7	1	240.1	2.0	11.2	2.9	120	1.1	177.2	16.5	48.0	98.1	10.83
38804	Soil			707	1	13.8	1.5	15.6	4.6	113.7	77.9	2	320.2	1.6	21.4	1.3	81	0.9	162.5	14.5	44.7	90.0	10.95
38805	Soil			634	2	9.6	1.2	16.0	4.4	12.2	73.7	<1	308.7	0.5	8.1	1.1	65	0.6	159.2	9.3	24.2	48.1	5.40
38806	Soil			691	3	11.9	1.6	15.7	4.7	46.9	80.7	1	314.1	1.0	8.9	1.3	69	0.7	162.6	11.7	36.6	70.9	8.83
38807	Soil			662	2	10.7	1.5	15.9	5.2	17.6	78.8	<1	317.5	0.7	9.5	1.3	68	0.9	166.2	10.5	28.8	58.1	6.73
38808	Soil			489	6	10.2	2.1	10.6	4.7	346.5	54.4	3	410.0	11.5	52.7	42.3	93	1.4	179.2	52.9	186.2	399.5	48.56
38809	Soil			583	<1	13.0	1.4	13.4	4.6	382.8	65.0	2	337.8	6.5	26.1	6.0	78	0.9	183.3	23.8	94.9	220.2	25.48
38810	Soil			654	<1	9.0	1.1	14.5	4.2	9.4	72.2	<1	316.1	0.6	7.8	1.4	55	<0.5	130.0	10.9	25.8	53.2	5.98
38811	Soil			663	1	10.9	1.4	14.7	3.8	9.8	74.2	<1	288.3	0.5	7.0	1.1	69	<0.5	119.1	10.6	22.9	48.3	5.43
38812	Soil			605	<1	14.8	2.0	16.1	3.7	9.3	73.9	1	274.1	0.6	7.8	1.1	85	<0.5	121.4	10.8	25.1	52.1	5.84
38813	Soil			667	2	16.1	1.5	15.5	4.3	60.8	77.0	1	318.2	2.7	13.1	2.0	89	1.7	147.2	20.2	63.5	122.5	14.25
38814	Soil			751	1	12.3	1.8	14.5	4.9	6.3	85.9	1	306.2	0.5	10.1	1.1	65	0.7	148.5	12.5	29.1	57.9	6.77
38815	Soil			688	<1	10.6	1.4	15.4	5.9	5.7	75.1	<1	343.1	0.4	9.5	1.5	57	<0.5	181.9	12.7	29.5	59.9	6.92
38816	Soil			641	8	26.8	1.0	16.3	4.2	331.3	46.8	6	255.6	10.6	27.9	9.8	210	12.7	200.5	44.5	549.0	916.8	100.6
38817	Soil			634	5	28.5	1.6	11.9	4.2	323.3	52.2	4	329.2	6.1	40.9	2.4	203	4.4	161.8	35.9	374.0	624.2	67.70
38818	Soil			693	12	26.5	1.9	15.6	5.2	212.6	71.0	3	281.2	4.0	26.7	2.0	162	3.2	182.0	29.7	218.0	376.4	41.44
38819	Soil			600	7	33.3	2.0	16.5	4.9	204.4	60.1	3	236.2	3.0	31.4	1.5	178	4.4	195.6	29.6	272.4	502.1	55.93
38820	Soil			551	7	35.2	2.2	15.3	4.5	171.1	51.8	2	212.5	3.3	30.2	1.8	182	4.8	160.1	34.8	128.3	247.7	31.22
38821	Soil			623	11	37.7	2.2	15.6	5.5	161.0	61.6	2	419.1	3.8	43.4	4.4	286	4.3	210.9	48.2	227.5	417.1	45.87
38822	Soil			587	5	28.7	1.7	14.3	5.3	115.7	58.2	2	417.0	2.5	22.7	2.1	158	3.4	183.3	34.3	117.7	223.0	25.27
38823	Soil			504	19	44.6	2.9	18.7	5.7	167.0	48.1	3	166.2	3.5	26.2	1.9	247	5.4	205.5	36.0	148.1	252.5	28.59
38824	Soil			594	8	40.3	2.5	17.0	6.0	133.3	68.3	2	232.5	2.2	22.6	0.8	214	6.3	205.9	33.9	83.6	156.6	18.17
38825	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
38892	Soil			625	7	17.1	1.5	15.8	5.3	117.5	68.9	2	299.5	2.2	16.7	2.0	102	2.0	184.4	22.1	108.0	197.7	21.23
38878	Soil			514	6	40.0	2.7	15.8	5.3	117.5	46.0	2	225.8	2.0	48.3	1.6	202	5.7	188.6	36.8	175.3	308.2	34.88

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	
28873	Soil	31.2	5.23	1.38	3.76	0.54	3.59	0.67	1.81	0.28	1.70	0.24	2.2	26.8	8.6	46	29.5	3.8	0.2	0.1	<0.1
28874	Soil	38.0	6.41	1.65	4.65	0.63	4.31	0.79	2.20	0.35	2.21	0.32	2.0	27.4	10.3	48	29.5	4.4	0.2	0.1	<0.1
28875	Soil	39.8	6.45	1.65	4.41	0.60	3.76	0.67	1.82	0.28	1.66	0.24	2.6	27.7	12.2	54	28.1	6.7	0.2	0.1	<0.1
38801	Soil	30.3	5.21	1.16	3.32	0.47	3.01	0.61	1.62	0.27	1.89	0.28	11.3	23.6	15.9	77	20.0	6.8	0.2	0.5	0.2
38802	Soil	59.1	10.24	2.85	7.99	1.01	6.45	1.26	3.39	0.58	3.53	0.54	8.0	75.1	15.7	150	57.5	23.8	0.9	1.1	0.1
38803	Soil	39.3	6.84	1.74	4.58	0.59	3.71	0.69	1.68	0.25	1.63	0.24	10.8	30.3	7.7	76	29.2	4.2	0.3	0.3	<0.1
38804	Soil	42.0	6.70	1.66	4.33	0.56	3.46	0.60	1.43	0.23	1.38	0.20	0.5	21.9	9.1	49	31.8	2.4	0.1	<0.1	<0.1
38805	Soil	20.3	3.43	0.88	2.08	0.30	1.96	0.36	1.00	0.18	1.05	0.14	1.1	9.1	6.1	26	20.0	1.5	0.1	<0.1	<0.1
38806	Soil	33.2	5.55	1.38	3.44	0.41	2.47	0.45	1.22	0.19	1.21	0.19	0.7	20.1	7.8	50	30.7	2.1	0.1	<0.1	<0.1
38807	Soil	25.4	4.34	0.99	2.93	0.37	2.26	0.43	1.22	0.16	1.14	0.17	0.8	13.0	6.7	33	21.3	1.7	<0.1	<0.1	<0.1
38808	Soil	176.7	26.16	6.66	14.21	2.38	10.99	1.83	4.54	0.70	3.71	0.50	27.9	33.1	18.7	121	27.7	2.4	0.4	<0.1	<0.1
38809	Soil	89.6	13.60	3.33	6.37	1.12	5.00	0.83	2.14	0.33	1.84	0.26	8.7	21.2	10.6	63	29.7	2.6	0.2	<0.1	<0.1
38810	Soil	21.4	3.67	0.85	2.21	0.39	1.97	0.37	1.01	0.17	1.02	0.14	1.2	13.5	6.0	30	20.5	1.8	<0.1	<0.1	<0.1
38811	Soil	20.5	3.27	0.88	2.16	0.40	1.78	0.37	1.02	0.15	0.96	0.14	1.2	20.6	6.5	39	26.4	2.3	<0.1	<0.1	<0.1
38812	Soil	21.4	3.33	0.81	2.22	0.39	1.96	0.36	1.01	0.18	1.04	0.16	0.9	20.8	12.7	51	38.8	3.4	0.2	<0.1	<0.1
38813	Soil	50.1	8.00	2.17	4.95	0.81	3.98	0.73	1.83	0.29	1.58	0.23	0.6	32.5	13.2	51	37.7	2.1	0.1	<0.1	<0.1
38814	Soil	23.5	4.06	0.89	2.38	0.43	2.04	0.43	1.15	0.19	1.11	0.16	0.4	27.1	8.0	42	28.8	2.4	0.1	<0.1	<0.1
38815	Soil	25.1	4.18	0.92	2.70	0.43	2.21	0.41	1.13	0.20	1.17	0.18	1.8	16.7	7.1	29	21.7	2.5	<0.1	<0.1	<0.1
38816	Soil	332.6	39.52	9.64	14.08	2.54	10.63	1.59	3.68	0.56	3.08	0.42	7.8	59.7	20.3	143	59.4	1.7	0.9	<0.1	0.1
38817	Soil	227.9	30.76	7.83	12.82	2.12	8.50	1.20	2.88	0.46	2.64	0.36	15.5	50.7	22.6	105	105.7	2.0	0.4	<0.1	0.1
38818	Soil	139.3	18.65	4.78	8.56	1.45	6.49	1.03	2.58	0.41	2.25	0.34	2.6	82.7	18.2	88	105.1	2.0	0.3	<0.1	0.1
38819	Soil	190.8	24.99	6.17	9.92	1.70	6.68	1.06	2.52	0.41	2.30	0.31	4.5	65.0	18.2	82	120.2	1.9	0.2	<0.1	0.1
38820	Soil	118.4	18.50	4.85	10.00	1.59	7.22	1.22	3.02	0.45	2.62	0.37	2.9	83.7	17.4	113	133.7	1.1	0.3	<0.1	0.2
38821	Soil	158.3	24.75	6.82	14.70	2.43	10.30	1.78	4.28	0.57	3.20	0.44	2.4	80.2	21.2	92	182.4	1.5	0.3	<0.1	0.1
38822	Soil	86.9	14.69	4.04	9.32	1.55	6.82	1.22	2.95	0.47	2.63	0.37	1.8	64.5	14.7	81	131.2	1.7	0.3	<0.1	<0.1
38823	Soil	95.2	15.26	4.44	9.55	1.74	7.78	1.36	3.34	0.50	2.75	0.39	1.7	56.0	19.5	101	237.8	1.5	0.2	<0.1	0.1
38824	Soil	63.2	12.53	3.57	8.62	1.41	6.67	1.16	3.06	0.48	2.68	0.38	1.3	87.3	14.9	97	221.8	1.3	0.3	<0.1	<0.1
38825	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
38892	Soil	72.4	10.70	2.79	5.92	1.00	4.57	0.80	2.09	0.30	1.80	0.27	5.1	17.6	11.3	51	57.4	2.0	0.1	<0.1	<0.1
38878	Soil	120.2	21.66	6.11	13.23	1.94	8.15	1.36	3.27	0.51	2.72	0.41	7.1	66.6	39.5	147	164.5	1.6	0.4	<0.1	0.1

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28873	Soil	<0.1	<0.5	0.05	<0.1	<0.5
28874	Soil	<0.1	2.1	0.05	<0.1	0.6
28875	Soil	<0.1	0.8	0.02	<0.1	<0.5
38801	Soil	0.1	0.9	0.04	<0.1	0.8
38802	Soil	0.2	1.8	0.15	0.1	1.8
38803	Soil	<0.1	0.7	0.05	<0.1	0.6
38804	Soil	<0.1	1.3	0.02	0.1	<0.5
38805	Soil	<0.1	<0.5	0.01	<0.1	<0.5
38806	Soil	<0.1	0.9	0.02	0.1	<0.5
38807	Soil	<0.1	<0.5	0.02	<0.1	<0.5
38808	Soil	0.2	1.7	0.08	<0.1	2.2
38809	Soil	0.1	1.2	0.05	<0.1	<0.5
38810	Soil	<0.1	<0.5	0.01	<0.1	<0.5
38811	Soil	<0.1	<0.5	0.02	0.1	<0.5
38812	Soil	<0.1	<0.5	0.03	0.1	<0.5
38813	Soil	<0.1	0.8	0.02	0.1	<0.5
38814	Soil	<0.1	<0.5	0.03	0.1	<0.5
38815	Soil	<0.1	1.2	0.02	<0.1	<0.5
38816	Soil	<0.1	2.4	0.04	0.2	0.9
38817	Soil	0.1	1.5	0.05	0.1	0.8
38818	Soil	<0.1	<0.5	0.02	0.1	<0.5
38819	Soil	<0.1	1.3	0.01	0.1	0.7
38820	Soil	<0.1	0.9	0.03	0.1	<0.5
38821	Soil	<0.1	1.6	0.02	0.1	<0.5
38822	Soil	<0.1	1.0	0.02	0.1	<0.5
38823	Soil	<0.1	<0.5	0.01	0.2	<0.5
38824	Soil	<0.1	1.6	0.02	0.2	<0.5
38825	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
38892	Soil	<0.1	<0.5	0.01	0.1	<0.5
38878	Soil	<0.1	0.9	0.02	0.1	0.7



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CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B			
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
38879	Soil			422	10	49.9	2.6	16.4	9.2	228.6	42.0	3	171.2	8.1	30.1	1.7	280	12.3	375.6	37.4	184.8	355.6	41.78
38880	Soil			512	8	36.6	2.0	16.5	4.8	99.7	50.7	2	180.4	2.2	19.5	1.0	171	4.2	183.2	21.9	75.0	142.4	15.10
38881	Soil			425	6	58.5	3.9	18.5	5.3	131.8	45.2	3	90.3	3.3	10.7	0.8	297	4.7	198.6	26.0	51.3	104.5	11.23
38882	Soil			619	6	37.9	2.3	16.6	6.3	100.1	52.9	2	181.9	2.9	23.5	1.4	213	4.9	238.4	41.4	131.5	215.0	27.69
38883	Soil			669	7	42.9	2.2	16.0	5.5	153.2	59.3	2	321.6	3.9	34.4	1.4	225	5.0	214.9	45.8	229.5	381.3	41.59
38884	Soil			612	7	42.5	1.7	17.3	6.3	155.2	46.5	3	254.6	4.0	81.2	2.1	225	5.3	236.4	68.2	477.3	829.9	96.09
38885	Soil			1041	8	31.0	1.1	12.8	6.6	270.8	35.1	5	379.6	6.4	496.4	3.0	227	2.8	259.6	193.5	1203	2178	312.0
38886	Soil			720	8	32.1	1.3	16.6	6.9	193.4	63.8	4	405.1	8.0	31.4	3.6	224	3.0	291.5	61.8	200.4	419.2	45.11
38887	Soil			859	8	36.3	1.7	18.1	5.7	227.6	73.9	5	360.6	5.6	54.6	2.4	216	3.9	225.3	110.8	323.4	605.4	65.16
38888	Soil			733	6	34.1	1.7	17.4	5.3	192.4	70.9	5	336.3	6.6	40.2	2.6	197	4.0	233.1	61.7	259.5	516.8	56.16
38889	Soil			543	5	36.2	1.2	19.3	5.5	127.1	48.6	4	439.5	4.6	18.5	2.0	206	2.6	220.8	34.7	113.7	241.0	22.46
28876	Soil			1314	6	49.4	2.2	17.2	8.3	1208	39.2	12	458.4	70.2	107.9	27.7	239	2.6	515.0	147.3	298.0	1695	79.92
28877	Soil			358	4	41.7	1.1	17.7	5.3	69.5	38.4	3	207.8	3.0	14.0	0.8	201	1.7	210.2	24.3	61.3	138.3	14.96
28878	Soil			556	2	37.2	1.1	15.6	5.5	102.3	43.6	3	240.6	5.2	13.6	2.0	178	1.7	217.7	36.5	92.1	203.5	21.81
28879	Soil			414	2	37.7	1.1	17.8	5.3	61.7	40.9	3	222.0	2.5	9.6	1.1	185	2.6	201.7	25.2	50.8	118.7	12.19
28880	Soil			429	2	39.9	1.1	18.2	9.3	58.0	49.5	3	232.8	2.3	8.0	1.7	191	1.8	659.5	28.7	52.0	103.3	12.37
28881	Soil			219	<1	60.7	0.6	17.2	4.4	49.7	17.1	2	231.4	1.9	5.3	0.6	209	1.0	164.0	20.5	29.3	63.0	7.36
28882	Soil			256	3	47.3	0.6	16.2	4.4	38.3	25.0	2	177.9	1.6	5.1	0.6	184	1.0	158.9	20.1	30.6	75.7	7.65
28883	Soil			301	3	43.7	0.6	17.0	4.3	48.4	27.2	2	232.2	1.8	8.1	0.7	200	2.0	169.2	23.9	38.4	78.9	9.58
28884	Soil			347	<1	42.8	0.7	17.7	5.2	53.0	25.5	2	215.5	1.8	6.6	0.6	179	1.4	180.2	20.9	37.0	93.9	8.97
28885	Soil			531	5	29.5	1.3	17.2	6.1	109.5	45.3	3	211.1	2.6	19.8	1.2	159	10.1	241.4	24.5	99.7	208.3	20.29
28886	Soil			538	6	37.5	1.6	16.2	5.1	116.5	45.9	3	194.1	2.7	30.8	1.4	187	4.4	238.2	36.2	150.8	276.6	30.26
28887	Soil			491	5	41.2	1.5	18.1	5.0	97.6	46.7	2	197.1	2.7	16.6	0.8	186	3.7	193.7	24.0	78.1	156.0	16.59
28888	Soil			497	4	45.9	1.3	15.4	5.8	135.8	46.1	2	186.1	3.5	21.4	1.5	210	3.4	225.7	35.9	101.2	189.3	19.69
28889	Soil			693	3	24.8	1.3	16.2	8.3	77.0	60.7	3	252.9	2.9	12.6	1.2	118	1.9	289.1	25.5	67.2	139.7	13.97
28890	Soil			891	6	21.7	1.6	19.4	9.7	337.2	67.4	5	253.0	9.3	25.5	3.6	130	3.9	432.9	40.5	145.2	301.0	31.91
28891	Soil			975	3	21.3	1.3	18.9	10.2	302.6	90.6	4	250.2	5.7	32.1	1.9	141	2.5	411.1	39.9	116.0	231.2	24.17
28892	Soil			702	2	28.9	1.7	16.9	6.5	88.7	67.2	2	210.2	3.6	11.6	1.4	148	1.8	264.0	25.4	91.8	187.3	20.14
28893	Soil			836	3	26.4	1.4	18.3	8.8	129.5	76.7	4	215.0	3.7	26.4	2.4	109	2.3	360.1	45.2	144.9	268.3	29.16
28894	Soil			730	4	37.7	1.2	16.6	4.6	72.3	81.8	2	253.0	2.2	18.4	1.2	161	2.1	186.6	26.4	178.1	306.1	30.04

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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
38879	Soil	143.4	22.20	6.03	11.74	1.94	8.58	1.41	3.53	0.57	3.05	0.39	2.6	84.7	18.3	94	178.7	1.2	0.2	<0.1	0.1
38880	Soil	51.8	9.35	2.57	5.85	0.96	4.35	0.79	1.98	0.33	1.81	0.27	1.2	66.9	12.1	70	135.1	1.3	0.2	<0.1	<0.1
38881	Soil	40.4	8.05	2.39	5.83	1.01	4.84	0.92	2.48	0.37	2.11	0.31	2.0	77.8	10.3	108	240.9	1.1	0.3	<0.1	0.1
38882	Soil	94.7	16.93	4.63	11.02	1.73	7.96	1.42	3.59	0.55	3.09	0.44	1.4	73.6	13.6	91	145.1	2.1	0.2	<0.1	0.1
38883	Soil	134.0	20.20	5.57	12.17	2.03	9.20	1.69	4.20	0.65	3.48	0.52	2.4	100.1	17.8	163	157.2	2.8	0.5	0.1	0.1
38884	Soil	326.8	46.31	12.13	22.46	3.51	14.45	2.36	5.53	0.82	4.49	0.66	2.2	68.8	25.8	130	119.4	2.0	0.3	<0.1	0.2
38885	Soil	1307	178.1	40.81	67.76	9.04	37.23	5.55	12.64	2.00	11.01	1.47	12.3	60.9	342.3	478	82.1	4.2	1.3	0.1	0.5
38886	Soil	171.9	27.30	7.38	17.13	2.77	13.69	2.25	5.32	0.77	4.33	0.54	3.3	71.3	32.7	158	75.7	2.7	0.7	<0.1	0.2
38887	Soil	233.8	37.86	10.25	24.94	4.16	21.90	3.96	9.61	1.36	7.28	0.92	5.7	60.7	67.9	234	110.8	2.8	0.5	0.1	0.8
38888	Soil	204.5	31.17	8.11	18.55	2.98	14.50	2.21	5.43	0.72	4.38	0.59	5.8	58.6	34.2	173	91.8	3.1	0.6	<0.1	0.2
38889	Soil	86.1	12.88	3.59	8.42	1.41	7.23	1.27	3.23	0.48	2.89	0.37	3.9	38.3	19.3	102	60.6	1.5	0.2	<0.1	<0.1
28876	Soil	300.2	52.41	15.44	34.31	7.01	37.84	6.52	15.17	1.96	10.16	1.26	5.4	42.7	84.2	188	124.9	2.9	1.3	0.1	0.5
28877	Soil	58.0	9.66	2.32	5.70	0.92	4.91	0.86	2.41	0.37	2.22	0.33	2.4	30.3	23.2	87	70.1	0.6	0.1	<0.1	<0.1
28878	Soil	82.9	14.25	3.77	9.51	1.50	7.81	1.30	3.53	0.49	2.91	0.42	1.0	44.6	11.8	88	63.0	1.3	0.3	<0.1	<0.1
28879	Soil	48.6	8.35	2.20	5.79	0.93	4.98	0.90	2.38	0.37	2.30	0.31	0.7	40.2	8.3	72	84.2	1.1	<0.1	<0.1	<0.1
28880	Soil	49.0	8.73	2.33	6.23	1.06	5.67	0.97	2.79	0.41	2.67	0.38	0.6	53.1	6.5	74	63.5	0.9	0.1	<0.1	<0.1
28881	Soil	31.4	6.22	1.83	4.71	0.74	4.10	0.74	1.84	0.32	1.59	0.22	0.8	20.5	3.0	73	94.0	<0.5	<0.1	<0.1	<0.1
28882	Soil	31.6	6.51	1.83	4.88	0.78	4.21	0.77	1.97	0.27	1.75	0.24	0.7	46.5	7.0	76	72.8	<0.5	0.2	<0.1	<0.1
28883	Soil	39.2	7.65	2.21	5.62	0.93	4.73	0.86	2.25	0.40	2.19	0.30	1.0	37.3	5.4	76	69.5	<0.5	0.1	<0.1	<0.1
28884	Soil	36.1	7.01	1.99	4.83	0.81	4.46	0.74	2.13	0.31	1.88	0.26	0.7	21.6	5.6	104	61.2	<0.5	0.2	<0.1	<0.1
28885	Soil	75.2	11.64	2.78	6.51	1.04	5.19	0.89	2.26	0.35	2.09	0.31	2.0	32.1	13.3	73	87.9	1.5	0.2	<0.1	<0.1
28886	Soil	110.4	16.94	4.74	10.48	1.67	7.99	1.28	3.18	0.46	2.68	0.37	2.9	47.6	18.5	95	116.6	1.6	0.2	<0.1	0.1
28887	Soil	63.6	10.14	2.63	6.48	1.03	5.07	0.92	2.19	0.36	1.99	0.28	2.1	33.5	12.8	99	101.7	1.2	0.1	<0.1	<0.1
28888	Soil	72.4	12.47	3.44	8.84	1.53	6.99	1.31	3.40	0.51	2.95	0.40	5.5	33.6	17.7	102	156.7	3.5	0.5	<0.1	0.3
28889	Soil	53.2	8.48	2.17	5.27	0.93	4.93	0.90	2.41	0.43	2.48	0.37	1.9	26.1	10.0	80	48.6	0.8	<0.1	<0.1	<0.1
28890	Soil	113.7	16.86	4.06	10.11	1.72	8.66	1.53	3.98	0.69	4.08	0.56	2.4	26.1	17.4	109	62.3	0.8	0.2	<0.1	<0.1
28891	Soil	90.3	13.89	3.43	8.91	1.55	8.45	1.39	4.04	0.64	3.91	0.52	2.9	29.2	13.7	106	53.6	1.2	0.2	<0.1	<0.1
28892	Soil	77.4	11.57	2.89	7.03	1.12	5.56	0.94	2.27	0.38	2.21	0.31	1.4	33.3	13.2	90	59.3	1.2	0.1	<0.1	<0.1
28893	Soil	108.8	17.05	4.30	11.30	1.84	9.71	1.67	4.37	0.69	3.94	0.57	2.5	35.6	14.8	89	55.8	1.8	0.1	<0.1	<0.1
28894	Soil	98.4	11.39	2.75	5.62	1.06	5.00	0.88	2.44	0.41	2.35	0.31	2.2	23.2	47.2	77	138.0	0.9	0.2	<0.1	0.9

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Project: **ELDOR CARBONATITE**  
Report Date: **November 22, 2007**

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## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
38879	Soil	<0.1	0.7	0.01	0.2	<0.5
38880	Soil	<0.1	1.3	<0.01	0.1	<0.5
38881	Soil	<0.1	1.8	<0.01	0.2	<0.5
38882	Soil	<0.1	1.8	0.02	0.2	<0.5
38883	Soil	<0.1	2.3	0.02	0.2	0.5
38884	Soil	<0.1	<0.5	0.02	0.2	<0.5
38885	Soil	0.1	0.7	0.06	0.2	0.6
38886	Soil	<0.1	1.1	0.02	0.2	0.6
38887	Soil	<0.1	0.8	0.02	0.3	<0.5
38888	Soil	<0.1	0.9	0.02	0.2	<0.5
38889	Soil	<0.1	0.6	0.01	<0.1	<0.5
28876	Soil	0.1	7.8	0.02	0.3	0.8
28877	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28878	Soil	<0.1	0.8	0.01	<0.1	<0.5
28879	Soil	<0.1	0.6	<0.01	<0.1	<0.5
28880	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28881	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28882	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28883	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28884	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28885	Soil	<0.1	<0.5	0.01	<0.1	<0.5
28886	Soil	<0.1	1.9	<0.01	0.1	<0.5
28887	Soil	<0.1	0.5	<0.01	<0.1	<0.5
28888	Soil	<0.1	1.1	0.02	<0.1	<0.5
28889	Soil	<0.1	0.6	<0.01	<0.1	<0.5
28890	Soil	<0.1	0.6	0.02	0.1	<0.5
28891	Soil	<0.1	0.6	<0.01	0.2	<0.5
28892	Soil	<0.1	0.6	<0.01	0.1	<0.5
28893	Soil	<0.1	<0.5	0.02	0.2	0.6
28894	Soil	0.4	15.8	0.05	0.1	1.0



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Report Date:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B Ba	4B Be	4B Co	4B Cs	4B Ga	4B Hf	4B Nb	4B Rb	4B Sn	4B Sr	4B Ta	4B Th	4B U	4B V	4B W	4B Zr	4B Y	4B La	4B Ce	4B Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
28895	Soil			749	5	26.0	1.6	17.7	6.9	86.8	77.2	2	268.9	2.8	14.4	1.7	135	2.5	247.5	32.4	96.2	175.9	19.99
28896	Soil			735	5	29.7	1.8	17.2	5.8	107.3	72.3	3	272.9	2.8	19.5	1.4	161	3.5	222.6	36.0	178.9	299.9	31.48
28897	Soil			862	1	30.5	1.1	15.0	5.4	128.0	73.4	3	268.2	3.2	16.4	2.3	143	3.7	196.8	33.1	140.8	251.9	27.48
28898	Soil			515	4	31.3	1.2	15.2	4.9	84.0	52.0	2	269.8	2.1	13.3	1.5	148	2.5	184.0	25.2	88.5	161.8	18.22
28899	Soil			828	4	29.6	1.0	12.3	5.0	114.5	46.6	3	258.5	2.3	93.9	4.3	147	3.0	197.0	59.6	1083	1939	190.1
28900	Soil			640	<1	17.6	1.2	14.5	3.7	50.1	72.3	2	310.8	1.1	12.4	3.1	87	0.9	122.0	21.4	78.5	130.5	16.71
38893	Soil			654	5	39.9	1.5	15.3	5.2	121.0	50.1	2	312.0	4.8	19.6	2.1	201	3.1	210.5	42.9	142.7	259.6	28.70
38894	Soil			617	6	38.9	1.2	17.4	5.9	129.7	59.9	2	275.7	4.9	23.9	1.8	212	4.8	221.1	45.7	144.7	260.9	30.64
38895	Soil			525	6	41.7	1.0	16.8	5.4	111.6	38.8	3	223.8	3.7	21.1	1.9	213	4.8	193.9	36.0	163.3	322.4	31.20
38896	Soil			461	6	43.7	1.0	15.6	5.5	143.8	35.7	3	201.2	5.4	32.2	2.4	230	3.6	234.7	39.5	216.6	430.9	40.48
38897	Soil			466	5	41.1	1.2	15.6	5.3	150.7	38.0	2	198.5	4.1	24.3	1.8	206	2.8	202.4	37.4	203.7	401.5	39.98
38898	Soil			589	6	19.2	1.3	15.8	7.2	84.9	55.6	3	236.8	3.2	18.3	1.7	104	1.9	299.2	24.7	132.2	222.2	21.98
38899	Soil			672	2	11.7	1.6	13.2	5.6	74.0	65.2	2	259.3	3.0	11.0	1.9	99	2.1	194.3	21.5	114.6	183.6	20.32
38900	Soil			768	7	20.7	1.6	13.9	4.2	304.2	69.3	3	694.2	9.4	50.2	8.4	124	5.8	175.8	56.3	337.0	600.6	69.31
28901	Soil			534	1	49.2	0.5	21.9	5.9	58.9	38.7	2	319.4	2.1	4.4	0.8	230	0.6	214.3	22.3	43.3	62.8	9.46
28902	Soil			660	2	12.2	2.0	15.1	2.8	7.6	70.7	1	354.0	0.4	7.1	2.4	78	<0.5	99.2	11.8	29.8	54.6	6.53
28903	Soil			681	<1	19.0	1.9	15.0	4.7	13.2	85.6	1	305.4	0.5	10.2	1.1	90	1.3	153.0	13.1	44.7	83.3	9.25
28904	Soil			671	<1	10.2	1.3	14.4	4.5	6.9	79.7	1	337.7	0.3	8.8	1.1	70	<0.5	150.6	11.7	28.4	57.1	6.39
28905	Soil			208	37	25.4	0.9	13.5	4.9	78.8	17.8	2	278.5	2.5	16.3	7.4	332	10.8	167.8	21.3	48.3	90.1	11.95
28906	Soil			660	3	13.6	2.0	15.4	5.4	75.4	82.4	2	282.3	3.1	10.5	2.7	96	0.9	187.7	12.9	36.5	75.8	8.40
28907	Soil			344	1	12.0	1.2	12.1	4.2	82.6	42.3	2	124.4	1.8	14.6	1.4	64	1.7	154.1	11.1	43.2	89.2	10.03
28908	Soil			621	<1	13.5	1.4	15.5	5.2	161.8	66.6	2	326.1	4.8	12.8	3.3	94	1.9	189.8	15.3	69.1	136.0	14.88
28909	Soil			625	5	16.7	1.3	15.4	4.6	157.3	64.6	2	318.5	2.4	17.2	1.7	102	2.0	162.5	22.9	113.4	209.5	23.58
28910	Soil			716	1	8.4	1.2	15.2	3.5	21.1	74.2	1	383.8	0.5	9.3	6.2	49	0.6	122.5	12.2	38.5	61.8	7.52
28911	Soil			715	2	8.6	1.3	15.1	4.2	7.5	75.8	<1	386.6	0.4	7.5	4.3	50	<0.5	138.6	11.2	28.3	53.5	6.26
28912	Soil			752	<1	15.2	1.8	15.6	4.1	7.6	91.7	<1	332.0	0.5	9.9	1.7	75	<0.5	132.1	12.7	32.0	58.0	7.37
28913	Soil			654	2	9.2	1.1	14.8	4.6	24.6	73.0	<1	356.3	0.6	8.1	1.1	57	<0.5	153.0	11.3	34.7	66.5	7.84
28914	Soil			680	1	14.6	1.8	15.3	4.1	111.7	87.0	1	361.8	1.5	15.2	1.8	80	0.7	136.8	18.3	56.4	124.1	14.17
28915	Soil			601	2	10.9	1.0	15.4	5.1	55.7	61.6	2	373.0	1.0	7.0	1.1	100	0.5	162.5	12.6	32.7	65.1	7.68
28916	Soil			740	1	11.6	1.1	16.0	4.4	46.7	68.3	1	409.2	1.5	9.5	1.8	71	<0.5	145.3	13.7	38.3	69.9	8.66

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**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method	Analyte	Unit	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
			Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1	
28895	Soil		73.8	12.33	3.12	7.84	1.30	6.45	1.17	2.97	0.49	2.82	0.40	1.6	46.2	10.9	83	71.6	1.3	<0.1	<0.1	
28896	Soil		114.8	17.11	4.49	10.24	1.58	7.45	1.25	3.22	0.50	2.81	0.40	1.8	55.3	12.4	78	94.5	1.9	0.2	<0.1	
28897	Soil		96.4	14.35	3.93	9.21	1.52	7.22	1.21	3.11	0.46	2.57	0.33	2.8	32.2	8.4	80	57.4	1.5	0.2	<0.1	
28898	Soil		67.2	10.13	2.85	7.01	1.09	5.05	0.90	2.26	0.39	2.01	0.27	1.2	35.7	8.8	72	62.0	1.5	0.1	<0.1	
28899	Soil		628.9	70.25	15.85	26.16	4.06	15.72	2.09	4.26	0.70	3.43	0.43	7.9	33.7	50.6	157	52.4	2.2	0.6	<0.1	
28900	Soil		61.7	9.43	2.71	5.97	0.94	4.20	0.76	1.92	0.34	1.86	0.28	2.7	57.8	8.6	55	49.7	1.8	0.2	<0.1	
38893	Soil		104.8	17.18	4.93	12.33	1.95	9.51	1.60	3.79	0.60	3.35	0.44	2.7	54.0	15.2	116	66.3	1.7	0.4	<0.1	
38894	Soil		116.5	17.82	5.30	13.04	2.02	9.82	1.72	4.04	0.61	3.43	0.45	2.6	77.4	18.1	122	102.0	2.6	0.3	<0.1	
38895	Soil		109.0	16.16	4.41	9.90	1.67	8.42	1.40	3.38	0.51	2.73	0.38	3.4	24.3	17.4	116	67.4	1.8	0.2	<0.1	
38896	Soil		139.6	19.54	5.48	11.69	1.90	9.48	1.53	3.60	0.52	3.04	0.41	3.5	30.5	19.0	126	82.0	2.2	0.5	<0.1	
38897	Soil		138.8	18.32	4.86	10.22	1.82	8.92	1.48	3.58	0.52	2.92	0.41	2.7	43.4	17.1	103	82.5	2.1	0.3	<0.1	
38898	Soil		74.1	9.57	2.30	5.60	1.01	5.10	0.94	2.40	0.44	2.64	0.37	4.8	12.1	16.8	70	37.1	1.6	0.1	<0.1	
38899	Soil		64.1	8.81	2.27	5.43	0.96	4.62	0.87	2.02	0.31	1.70	0.24	3.1	18.5	11.9	32	32.5	1.1	0.4	<0.1	
38900	Soil		241.0	33.98	9.22	18.81	2.97	13.09	2.09	4.66	0.63	3.69	0.48	36.8	35.0	20.7	159	38.0	4.2	0.5	0.2	
28901	Soil		34.6	6.45	2.06	4.83	0.85	4.13	0.83	2.03	0.31	1.78	0.26	1.5	5.0	5.3	85	35.6	<0.5	<0.1	<0.1	
28902	Soil		23.0	3.73	0.99	2.39	0.42	2.13	0.40	1.09	0.16	1.02	0.14	1.1	23.2	6.1	47	30.4	1.5	0.1	<0.1	
28903	Soil		34.3	5.26	1.34	3.15	0.52	2.52	0.46	1.15	0.19	1.18	0.16	1.4	17.8	9.2	34	23.6	1.8	<0.1	<0.1	
28904	Soil		23.8	3.49	0.87	2.53	0.41	1.91	0.41	1.15	0.18	1.01	0.17	0.5	10.4	6.2	27	18.2	1.8	<0.1	<0.1	
28905	Soil		45.8	7.13	2.01	5.06	0.81	3.92	0.75	2.10	0.38	2.36	0.35	2.9	15.2	7.7	63	71.2	0.6	0.2	<0.1	
28906	Soil		29.8	4.68	1.22	2.85	0.54	2.54	0.46	1.15	0.18	1.19	0.18	2.4	6.9	11.5	37	15.9	10.2	<0.1	<0.1	
28907	Soil		37.0	6.18	1.61	3.59	0.55	2.20	0.40	0.99	0.15	0.93	0.14	1.8	3.9	13.6	87	12.2	1.0	0.2	<0.1	
28908	Soil		51.5	7.07	1.87	3.94	0.68	3.28	0.52	1.41	0.22	1.31	0.19	2.3	8.6	13.7	40	29.9	1.8	<0.1	<0.1	
28909	Soil		80.7	11.52	3.26	6.65	1.13	5.47	0.87	2.15	0.34	1.85	0.25	3.9	13.8	9.9	47	46.7	2.2	<0.1	<0.1	
28910	Soil		24.7	4.03	1.17	2.80	0.44	2.24	0.43	1.11	0.17	1.02	0.17	2.6	22.3	5.4	37	24.3	1.4	0.1	<0.1	
28911	Soil		21.5	3.27	0.97	2.33	0.40	2.00	0.42	1.08	0.19	1.09	0.18	2.7	9.4	6.9	33	16.9	1.5	<0.1	<0.1	
28912	Soil		25.0	4.19	0.96	2.80	0.49	2.42	0.46	1.14	0.18	1.06	0.18	2.8	19.6	10.7	56	28.4	2.3	<0.1	<0.1	
28913	Soil		27.4	4.07	1.10	2.67	0.44	2.30	0.43	1.14	0.20	1.05	0.16	0.9	11.4	6.4	34	20.2	1.9	<0.1	<0.1	
28914	Soil		51.9	7.88	2.11	4.72	0.79	3.59	0.65	1.58	0.24	1.42	0.20	1.4	13.7	9.7	53	26.1	2.4	0.1	<0.1	
28915	Soil		26.9	4.68	1.25	3.18	0.53	2.31	0.50	1.25	0.18	1.16	0.18	2.1	3.5	6.6	25	26.7	1.2	<0.1	<0.1	
28916	Soil		30.7	4.89	1.31	3.30	0.52	2.54	0.47	1.22	0.19	1.12	0.16	0.8	10.5	8.4	50	21.7	1.7	<0.1	<0.1	

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Client: Dahrouge Geological Consulting

18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

Project: ELDOR CARBONATITE

Report Date: November 22, 2007

Page: 15 of 22 Part 3

# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28895	Soil	<0.1	6.2	0.02	0.2	0.8
28896	Soil	<0.1	4.6	0.02	0.1	0.8
28897	Soil	0.1	1.8	0.02	0.1	0.9
28898	Soil	<0.1	1.1	0.02	<0.1	0.7
28899	Soil	0.1	1.5	0.04	0.1	1.7
28900	Soil	<0.1	1.5	0.05	0.1	1.1
38893	Soil	<0.1	5.1	0.02	0.1	0.9
38894	Soil	<0.1	1.8	0.01	0.2	1.2
38895	Soil	<0.1	1.5	0.01	<0.1	0.8
38896	Soil	<0.1	1.2	0.01	0.1	0.9
38897	Soil	<0.1	1.5	0.01	0.2	0.8
38898	Soil	<0.1	1.4	0.01	0.1	0.6
38899	Soil	<0.1	2.3	0.01	<0.1	0.8
38900	Soil	0.1	1.2	0.03	0.4	1.4
28901	Soil	<0.1	1.0	<0.01	<0.1	<0.5
28902	Soil	0.1	2.4	0.05	0.2	1.1
28903	Soil	<0.1	1.5	0.01	0.1	<0.5
28904	Soil	<0.1	1.6	<0.01	<0.1	0.6
28905	Soil	0.1	2.0	0.04	<0.1	2.0
28906	Soil	<0.1	1.6	0.02	<0.1	<0.5
28907	Soil	<0.1	1.0	0.02	0.1	0.7
28908	Soil	<0.1	1.3	<0.01	0.2	0.6
28909	Soil	<0.1	2.1	<0.01	0.1	0.8
28910	Soil	<0.1	1.8	0.03	0.1	1.0
28911	Soil	<0.1	0.9	0.02	<0.1	0.7
28912	Soil	<0.1	2.2	0.02	0.2	0.6
28913	Soil	<0.1	2.2	<0.01	<0.1	0.6
28914	Soil	<0.1	1.7	0.01	0.1	0.7
28915	Soil	<0.1	1.0	<0.01	<0.1	0.6
28916	Soil	<0.1	2.0	0.02	<0.1	0.7

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**Project:** ELDOR CARBONATITE

**Report Date:** November 22, 2007

**Page:** 16 of 22 Part 1

**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B			
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				1	1	0.2	0.1	0.5	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1		
28917	Soil			663	<1	9.3	1.4	15.2	4.8	14.5	75.2	1	336.0	0.4	8.2	1.0	62	0.5	150.9	10.4	29.5	55.5	6.15
28918	Soil			634	<1	18.5	1.3	13.9	4.3	140.2	56.9	6	554.7	6.3	37.8	3.4	85	1.0	197.7	48.6	415.8	691.3	67.50
28919	Soil			661	2	10.4	1.2	14.9	5.3	129.5	70.3	2	335.2	4.5	22.9	2.9	75	0.6	172.1	19.5	123.6	223.0	23.45
28920	Soil			673	1	9.3	1.5	14.0	4.5	33.3	74.0	1	334.6	1.2	9.7	1.6	68	0.6	148.7	12.8	43.4	81.9	8.95
28921	Soil			730	2	12.5	1.2	13.8	4.0	96.5	76.4	2	369.0	3.6	12.3	3.4	74	0.9	133.4	19.9	77.1	144.5	17.00
28922	Soil			722	1	15.2	1.7	14.9	4.5	118.0	86.2	2	413.2	4.4	18.2	2.5	80	0.9	158.1	25.2	156.6	279.4	30.60
28923	Soil			481	2	10.4	1.7	8.4	2.8	145.8	49.6	1	543.6	2.7	25.7	12.5	62	1.2	96.9	28.1	628.2	922.8	83.29
28924	Soil			662	3	14.3	1.4	13.5	5.2	144.1	75.3	2	466.9	1.7	17.1	1.7	79	0.9	162.3	27.4	117.9	244.9	29.75
28925	Soil			671	3	11.2	1.2	13.4	4.2	112.6	73.6	1	387.1	0.8	17.5	1.8	60	<0.5	141.6	21.6	79.1	171.7	19.69
28926	Soil			651	2	10.5	1.3	13.7	4.6	119.8	70.2	1	378.8	1.1	16.2	1.4	63	0.7	144.5	23.9	77.2	158.4	23.15
28927	Soil			696	1	10.4	1.3	13.2	4.5	55.4	73.9	<1	370.3	0.6	12.2	1.4	57	<0.5	147.4	16.3	50.9	99.5	12.36
28928	Soil			723	<1	9.9	1.4	14.8	4.4	38.2	73.7	1	381.1	0.7	14.0	1.9	65	<0.5	147.8	15.9	60.5	117.7	14.72
28929	Soil			777	3	15.0	1.6	14.1	5.0	234.9	80.2	3	413.7	2.9	62.4	2.7	82	1.4	165.6	60.6	341.6	732.2	95.87
28930	Soil			689	4	15.5	1.9	14.6	4.7	170.6	80.4	2	475.9	1.6	31.6	1.5	81	1.4	168.0	38.2	163.9	323.7	40.17
28931	Soil			670	5	19.7	1.9	14.0	4.8	256.8	69.4	3	530.8	3.3	43.9	2.3	103	3.1	163.3	45.0	251.7	507.3	62.67
28932	Soil			779	7	22.0	2.0	14.2	4.6	344.3	74.7	6	438.2	7.8	104.2	4.5	132	5.3	177.4	79.4	539.3	997.8	116.7
28933	Soil			623	5	20.6	1.9	13.3	4.3	195.0	68.3	2	424.4	2.5	32.7	2.5	102	2.7	154.2	33.2	147.0	305.2	36.23
28934	Soil			621	3	18.4	1.7	14.7	6.1	155.8	69.1	2	386.4	2.9	35.1	2.5	99	2.7	192.7	25.7	178.6	374.1	39.33
28935	Soil			694	6	19.7	1.6	13.7	4.7	237.4	66.6	4	420.5	10.6	70.4	4.3	114	3.3	193.1	54.8	344.8	695.1	83.00
28936	Soil			637	9	18.8	1.6	15.3	4.6	373.0	70.2	4	476.0	15.5	81.4	10.9	126	2.2	184.0	75.1	393.9	829.7	91.54
28937	Soil			702	5	18.6	2.0	15.8	4.2	240.7	83.2	4	461.7	8.7	45.8	5.0	105	1.7	165.4	64.7	404.9	731.3	83.17
28938	Soil			692	4	18.0	1.6	14.0	5.3	359.3	71.1	4	496.9	12.0	63.8	9.2	110	2.0	198.2	71.8	509.1	961.0	108.0
28939	Soil			721	7	18.1	1.5	14.2	4.9	400.6	74.9	4	505.7	9.6	83.4	8.2	98	2.3	189.8	83.4	758.3	1373	148.8
28940	Soil			833	11	28.6	2.0	15.3	5.0	515.7	116.7	8	504.0	15.6	45.8	10.6	139	4.4	200.7	60.0	423.6	733.7	77.62
28941	Soil			502	6	20.9	1.7	14.6	5.1	387.5	53.4	4	513.2	13.7	45.9	7.3	153	4.2	201.7	77.6	332.8	685.7	74.27
28942	Soil			612	8	23.8	1.7	14.5	4.4	583.1	75.6	6	806.8	21.8	52.8	10.1	110	2.6	196.4	71.5	439.7	816.7	92.33
28943	Soil			542	8	33.9	1.3	14.4	6.7	431.1	62.5	6	606.9	42.7	41.1	21.9	117	3.4	294.0	63.7	302.7	608.0	71.93
38891	Soil			624	9	40.1	1.3	15.9	5.7	129.4	56.6	2	296.8	5.4	19.6	2.0	198	4.5	224.8	45.5	134.7	247.5	28.78
28944	Soil			680	10	25.9	1.6	11.6	3.8	520.7	78.1	6	853.1	17.6	60.4	10.3	124	3.3	160.6	79.6	550.0	985.2	107.2
28945	Soil			655	14	30.9	1.5	14.8	5.2	786.7	64.6	6	473.6	12.7	81.0	7.7	147	5.3	194.4	86.4	544.0	1058	111.1

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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
28917	Soil	21.5	3.49	0.86	2.13	0.38	1.91	0.36	0.95	0.15	0.90	0.15	1.7	8.4	9.0	36	21.4	2.2	<0.1	<0.1	<0.1
28918	Soil	207.8	24.69	6.74	12.09	2.36	10.43	1.76	4.00	0.53	3.06	0.40	33.7	9.2	16.6	70	17.0	2.6	0.4	<0.1	0.1
28919	Soil	78.4	11.42	2.89	6.24	1.05	4.56	0.74	1.75	0.25	1.40	0.19	3.3	7.3	13.8	44	18.8	2.2	0.1	<0.1	<0.1
28920	Soil	31.7	4.87	1.20	2.99	0.52	2.35	0.44	1.12	0.16	1.08	0.17	1.0	8.8	8.6	36	22.4	2.0	0.1	<0.1	<0.1
28921	Soil	60.0	8.85	2.47	5.59	0.91	4.01	0.76	1.78	0.25	1.53	0.23	3.3	19.9	7.7	56	24.4	2.2	0.2	<0.1	<0.1
28922	Soil	105.3	13.39	3.35	6.79	1.18	5.34	0.91	2.25	0.30	1.78	0.25	3.2	20.8	10.7	77	32.1	2.3	0.3	<0.1	0.1
28923	Soil	214.5	18.23	4.32	3.45	1.30	5.67	0.93	2.21	0.31	1.86	0.27	3.1	22.5	10.3	79	34.5	2.4	0.2	<0.1	0.1
28924	Soil	112.3	15.10	4.03	8.65	1.27	5.67	0.95	2.25	0.31	1.95	0.28	4.2	17.7	11.1	73	30.3	2.5	0.2	<0.1	0.1
28925	Soil	71.1	10.64	2.87	6.06	0.95	4.61	0.78	1.91	0.27	1.67	0.23	4.4	12.6	11.7	61	25.0	2.6	0.2	<0.1	0.1
28926	Soil	70.2	10.11	2.66	5.79	0.94	4.04	0.77	1.86	0.26	1.52	0.23	1.8	14.9	11.8	53	24.1	2.2	0.1	<0.1	0.1
28927	Soil	42.0	6.62	1.87	4.35	0.71	3.58	0.65	1.55	0.22	1.32	0.19	3.8	12.3	7.6	43	20.3	1.7	<0.1	<0.1	<0.1
28928	Soil	51.0	7.45	1.90	4.43	0.70	3.34	0.58	1.51	0.22	1.33	0.20	1.9	12.4	8.4	38	24.2	1.8	<0.1	<0.1	<0.1
28929	Soil	350.5	48.09	12.90	24.49	3.61	15.04	2.18	4.88	0.66	3.89	0.54	5.0	16.2	29.0	123	36.6	3.2	0.8	<0.1	0.3
28930	Soil	144.7	21.51	6.00	12.27	1.91	8.77	1.31	3.29	0.44	2.62	0.35	11.3	22.7	22.0	76	57.6	2.7	0.2	<0.1	0.2
28931	Soil	225.0	33.36	8.91	17.56	2.54	11.24	1.62	3.81	0.51	2.98	0.38	8.5	23.3	27.3	98	80.3	3.2	0.3	<0.1	0.2
28932	Soil	397.8	54.88	15.56	29.35	4.69	20.83	3.18	6.75	0.83	4.93	0.65	20.2	26.9	49.6	172	72.6	4.0	0.4	0.1	0.4
28933	Soil	126.7	19.36	5.46	11.41	1.82	7.93	1.30	2.93	0.38	2.25	0.30	13.3	19.7	18.9	82	77.2	3.1	0.4	<0.1	0.1
28934	Soil	130.7	18.21	4.87	9.14	1.46	6.63	1.01	2.41	0.30	1.81	0.26	15.3	12.1	21.9	74	59.1	2.6	0.2	<0.1	0.2
28935	Soil	288.6	40.91	10.92	20.81	3.27	13.97	2.14	4.97	0.68	3.74	0.51	11.1	21.4	29.6	102	58.5	3.5	0.3	<0.1	0.5
28936	Soil	338.8	48.71	12.78	28.44	4.13	18.56	2.73	5.90	0.82	4.15	0.55	11.3	12.6	43.3	148	52.5	3.6	0.3	<0.1	0.3
28937	Soil	299.2	42.71	11.39	23.50	3.33	14.44	2.30	4.85	0.70	3.82	0.53	3.5	31.6	27.4	133	46.7	3.4	0.4	<0.1	0.2
28938	Soil	389.8	50.43	12.86	27.36	3.90	16.82	2.60	5.79	0.80	4.33	0.64	8.4	19.2	29.2	133	44.6	3.0	0.4	<0.1	0.3
28939	Soil	504.1	64.39	16.46	33.59	4.78	20.34	3.01	6.53	0.93	5.00	0.68	15.3	17.8	31.8	149	36.6	3.0	0.7	<0.1	0.3
28940	Soil	272.5	36.74	9.40	20.73	3.00	13.92	2.08	4.65	0.67	3.75	0.53	39.1	46.4	30.8	193	64.2	3.3	0.7	0.1	0.3
28941	Soil	280.8	41.84	11.25	27.36	4.09	18.75	2.98	6.77	0.90	4.56	0.62	14.4	28.5	17.3	130	45.9	3.3	0.9	<0.1	0.2
28942	Soil	330.5	45.04	11.49	25.94	3.69	16.50	2.67	5.58	0.78	4.31	0.58	13.8	26.7	25.0	181	48.2	4.3	0.7	0.1	0.2
28943	Soil	274.1	38.70	10.82	24.72	3.46	15.38	2.42	5.22	0.75	3.88	0.52	14.6	26.9	20.1	131	143.5	3.2	0.4	<0.1	0.1
38891	Soil	105.4	17.04	4.83	12.24	1.89	9.56	1.71	4.27	0.66	3.47	0.47	3.9	76.9	17.0	124	105.9	2.3	0.4	<0.1	0.1
28944	Soil	377.8	52.45	13.99	30.10	4.28	19.01	2.89	6.18	0.93	4.53	0.62	13.7	33.7	37.7	241	44.4	4.5	1.0	0.2	0.2
28945	Soil	399.9	55.53	15.04	32.58	4.66	20.91	3.21	7.10	0.93	5.08	0.71	14.2	28.5	34.8	197	44.4	4.3	0.7	0.1	0.3

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 Edmonton AB T6E 1T7 Canada

**Project:** ELDOR CARBONATITE

**Report Date:** November 22, 2007

**Page:** 16 of 22 Part 3

## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	1DX	1DX	1DX	1DX	1DX
			Ag	Au	Hg	Tl	Se
		MDL	ppm	ppb	ppm	ppm	ppm
			0.1	0.5	0.01	0.1	0.5
28917	Soil		<0.1	0.6	0.02	0.1	0.7
28918	Soil		0.1	1.1	0.03	0.2	1.3
28919	Soil		<0.1	1.6	<0.01	0.1	0.8
28920	Soil		<0.1	1.5	0.01	0.1	0.6
28921	Soil		<0.1	2.0	0.01	0.2	0.8
28922	Soil		<0.1	9.2	0.03	0.2	0.6
28923	Soil		<0.1	4.9	0.02	0.2	0.6
28924	Soil		<0.1	2.7	0.02	0.1	0.6
28925	Soil		<0.1	3.6	0.02	0.1	<0.5
28926	Soil		<0.1	0.8	0.02	0.1	0.6
28927	Soil		<0.1	0.8	<0.01	0.1	<0.5
28928	Soil		<0.1	<0.5	0.01	<0.1	<0.5
28929	Soil		<0.1	1.1	0.03	0.2	0.9
28930	Soil		<0.1	1.5	0.02	0.2	0.7
28931	Soil		<0.1	<0.5	0.02	0.3	0.8
28932	Soil		<0.1	1.0	0.03	0.4	1.2
28933	Soil		<0.1	0.5	0.03	0.2	0.7
28934	Soil		<0.1	<0.5	0.01	0.2	<0.5
28935	Soil		<0.1	<0.5	0.03	0.2	0.7
28936	Soil		<0.1	<0.5	0.02	0.2	1.2
28937	Soil		0.1	<0.5	0.02	0.2	1.0
28938	Soil		<0.1	1.1	0.02	0.2	0.9
28939	Soil		<0.1	1.1	0.03	0.2	1.0
28940	Soil		0.2	1.9	0.02	0.3	1.1
28941	Soil		<0.1	<0.5	0.03	0.1	1.5
28942	Soil		0.2	2.2	0.03	0.3	1.2
28943	Soil		0.1	2.3	0.03	0.2	1.4
38891	Soil		<0.1	0.9	0.02	0.1	0.8
28944	Soil		0.2	1.4	0.04	0.4	1.5
28945	Soil		<0.1	1.3	0.03	0.4	1.7



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ELDOR CARBONATITE

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
28946	Soil	790	11	30.5	1.8	13.8	13.0	2332	78.0	11	1068	24.4	111.6	8.7	129	9.5	632.2	124.5	829.0	1445	161.8
28947	Soil	710	12	26.6	1.5	12.5	4.2	876.0	73.2	6	745.5	25.6	82.8	16.2	117	5.3	174.9	116.5	1027	1584	165.2
28948	Soil	709	13	51.2	1.2	12.8	4.7	1286	75.9	10	657.5	26.9	117.9	9.7	143	9.4	207.1	115.6	712.7	1432	161.3
28949	Soil	777	21	35.7	1.5	11.4	3.8	305.1	71.5	7	394.9	4.1	159.1	6.3	129	6.9	149.8	120.3	1063	2256	281.9
28950	Soil	700	9	23.3	1.6	14.9	4.5	216.1	77.2	5	315.8	1.9	57.2	1.2	119	6.1	169.3	57.5	314.2	617.0	69.72
29826	Soil	353	38	38.1	0.3	3.8	2.0	74.4	8.8	12	163.5	0.2	103.7	0.2	44	2.5	95.8	233.2	187.3	907.9	198.8
29827	Soil	593	9	31.2	2.0	14.5	4.2	84.1	38.7	<1	405.6	1.8	16.7	1.7	170	5.8	165.8	28.9	95.2	177.3	23.02
29828	Soil	636	10	21.4	1.5	14.7	4.2	54.4	69.2	<1	252.8	1.1	12.2	1.2	112	3.3	154.1	17.9	47.7	111.8	12.55
29829	Soil	381	9	51.3	1.6	21.0	8.4	63.6	23.3	2	169.2	4.0	8.7	1.8	343	8.7	309.3	31.4	62.1	129.7	16.07
29830	Soil	368	4	51.2	1.8	23.1	8.0	78.9	17.8	2	113.1	4.1	8.4	1.6	390	1.2	417.1	44.6	57.7	117.7	15.32
29831	Soil	282	5	46.2	2.2	23.4	7.7	51.9	20.4	2	110.4	2.9	5.5	0.4	331	5.1	293.0	24.3	59.2	129.2	16.77
29832	Soil	556	6	39.9	2.3	16.5	6.5	54.0	42.0	1	264.3	2.0	8.6	1.6	212	4.1	236.5	26.2	60.0	119.1	14.39
29833	Soil	228	2	51.3	0.6	20.3	4.4	57.8	14.9	1	86.8	2.6	5.3	0.4	256	6.0	178.5	14.6	45.6	101.2	11.66
29834	Soil	202	2	62.3	1.1	21.7	6.5	47.0	12.8	2	96.1	2.8	2.9	0.5	363	8.6	199.6	17.6	34.6	81.9	10.28
29835	Soil	466	3	36.4	1.3	20.1	7.5	47.1	49.4	1	208.2	2.4	8.9	0.9	225	5.5	303.0	31.2	54.5	111.1	13.51
29836	Soil	557	3	40.9	0.8	19.7	6.3	38.1	48.1	2	178.8	2.3	5.6	1.0	262	3.8	245.4	24.0	30.2	73.5	7.71
29837	Soil	586	3	37.9	1.0	21.1	7.1	36.8	46.5	2	196.8	2.4	5.8	1.1	247	4.3	254.0	22.5	30.0	70.0	7.57
29838	Soil	513	2	34.9	0.9	19.6	6.9	34.0	55.0	1	218.7	2.4	4.7	0.9	218	4.2	253.1	22.0	27.4	61.5	6.63
29839	Soil	558	<1	35.5	1.8	19.2	5.8	32.8	65.2	1	167.0	2.1	5.4	1.4	240	3.7	194.6	26.7	44.9	86.1	11.27
29840	Soil	648	4	23.4	2.1	19.9	8.0	54.6	100.0	2	198.7	3.5	11.1	2.0	140	7.4	282.2	31.2	60.1	130.0	14.19
29841	Soil	716	1	15.9	1.5	16.9	7.9	24.7	86.1	<1	339.4	1.5	11.4	2.0	105	1.7	249.5	21.7	58.0	106.6	12.60
29842	Soil	650	<1	13.8	1.4	15.3	5.5	20.7	79.7	<1	336.4	1.2	8.1	1.4	94	1.9	181.7	21.6	40.6	74.3	9.35
29843	Soil	652	1	13.6	0.8	14.1	7.0	21.1	67.9	<1	403.3	1.2	8.7	1.5	78	1.7	264.0	22.0	41.0	78.5	9.72
29844	Soil	773	2	14.1	1.6	15.7	6.0	39.5	86.8	<1	402.2	1.3	12.8	1.8	72	0.9	193.5	17.1	75.5	140.7	16.12
29845	Soil	972	3	23.8	1.6	14.7	4.4	114.3	83.2	<1	394.0	3.0	15.2	4.0	77	1.3	164.0	18.5	79.4	152.1	17.27
29846	Soil	558	7	19.9	1.5	15.8	4.1	61.0	44.4	2	235.7	2.1	20.8	7.2	107	1.5	173.8	16.6	68.5	125.3	14.16
29847	Soil	643	6	16.0	1.2	14.8	5.4	310.5	65.0	2	355.3	7.5	37.9	5.6	105	1.2	215.3	28.8	121.2	263.9	28.58
29848	Soil	626	3	13.8	1.3	16.7	3.9	125.0	62.7	1	304.9	2.4	23.8	2.3	89	0.8	157.4	20.2	126.3	213.1	27.48
29849	Soil	682	2	13.8	1.7	16.3	4.2	64.2	77.7	1	304.4	2.6	16.9	2.5	91	1.3	149.6	17.0	71.6	142.5	15.98
29850	Soil	534	<1	9.8	1.1	13.4	2.1	68.7	64.5	1	344.2	1.1	9.8	2.9	70	0.5	92.1	15.1	44.6	98.6	10.96

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**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi			
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
28946	Soil			576.8	83.07	22.54	51.10	7.09	32.08	4.66	9.52	1.29	6.88	0.94	32.7	37.9	40.5	277	41.2	5.2	0.8	0.2	0.5			
28947	Soil			569.9	77.82	20.43	44.29	6.30	28.60	4.27	9.67	1.25	6.96	0.92	20.4	28.9	34.1	233	37.4	3.8	0.9	0.2	0.2			
28948	Soil			600.8	83.87	22.01	46.90	6.46	29.43	4.46	9.87	1.38	7.17	0.96	92.2	19.8	60.0	599	77.5	19.7	2.1	0.4	0.4			
28949	Soil			1048	130.1	28.43	49.82	6.32	26.38	4.06	9.21	1.29	7.28	0.91	69.7	43.4	70.8	896	99.2	5.3	1.7	0.2	1.0			
28950	Soil			258.6	35.67	8.74	18.87	2.67	11.88	1.90	4.49	0.63	3.48	0.49	26.6	46.8	42.6	299	61.8	3.3	0.5	0.1	0.4			
29826	Soil			1060	158.8	33.83	67.09	7.10	34.66	6.01	15.69	2.24	10.71	1.29	302.2	15.3	821.9	2048	30.5	6.0	0.6	0.2	8.1			
29827	Soil			92.5	14.91	3.82	8.90	1.21	5.64	0.96	2.51	0.39	2.28	0.32	6.1	69.9	17.5	141	53.7	1.0	0.2	<0.1	0.2			
29828	Soil			54.8	9.01	2.31	5.27	0.76	3.70	0.69	1.67	0.26	1.54	0.24	1.4	29.3	9.8	58	30.5	1.4	0.2	<0.1	<0.1			
29829	Soil			63.9	11.61	3.29	8.72	1.34	6.36	1.18	2.98	0.46	2.70	0.40	2.3	70.5	5.7	105	55.5	0.5	0.1	<0.1	<0.1			
29830	Soil			61.4	11.75	3.29	9.58	1.58	8.92	1.63	4.26	0.63	3.89	0.61	1.0	83.3	5.8	74	51.9	0.8	0.1	<0.1	<0.1			
29831	Soil			67.7	11.07	2.80	6.76	1.01	4.78	0.86	2.16	0.34	2.01	0.29	0.6	41.6	2.8	110	60.4	<0.5	<0.1	<0.1	<0.1			
29832	Soil			56.9	9.69	2.73	6.58	1.03	5.15	0.98	2.40	0.35	2.09	0.32	3.6	89.6	6.0	103	61.1	0.8	0.2	<0.1	<0.1			
29833	Soil			44.6	7.04	1.87	4.26	0.64	3.15	0.54	1.47	0.24	1.52	0.20	0.3	92.9	4.8	85	50.2	<0.5	0.1	<0.1	<0.1			
29834	Soil			39.6	7.05	2.10	5.07	0.79	3.78	0.68	1.66	0.23	1.43	0.23	0.6	189.0	3.2	115	79.0	<0.5	<0.1	<0.1	0.1			
29835	Soil			53.5	9.17	2.49	6.74	1.11	5.67	1.16	3.18	0.47	2.66	0.39	0.3	110.2	5.3	85	52.6	0.9	<0.1	<0.1	<0.1			
29836	Soil			31.4	5.33	1.48	4.25	0.79	4.18	0.87	2.47	0.35	1.98	0.32	1.0	70.2	4.8	80	41.6	0.6	<0.1	<0.1	<0.1			
29837	Soil			29.0	5.49	1.51	3.96	0.76	4.26	0.83	2.32	0.34	1.97	0.29	0.9	61.1	4.9	70	42.7	0.7	<0.1	<0.1	<0.1			
29838	Soil			25.2	4.90	1.38	4.16	0.71	3.80	0.81	2.13	0.32	1.90	0.30	1.1	71.8	4.3	76	43.4	0.6	<0.1	<0.1	<0.1			
29839	Soil			42.7	7.61	2.06	5.84	0.93	5.29	0.94	2.57	0.41	2.29	0.32	2.6	54.0	5.0	71	63.3	0.8	<0.1	<0.1	<0.1			
29840	Soil			53.9	9.10	2.29	6.78	1.14	5.82	1.15	3.13	0.51	2.80	0.44	3.1	45.1	9.3	64	43.1	5.8	0.1	<0.1	<0.1			
29841	Soil			45.9	7.53	1.69	4.93	0.82	3.83	0.78	2.08	0.33	1.90	0.30	3.3	28.0	8.6	60	31.9	5.7	0.2	0.2	<0.1			
29842	Soil			36.3	5.91	1.45	4.34	0.73	3.83	0.76	2.00	0.33	1.85	0.29	5.4	26.0	6.0	67	29.9	1.2	<0.1	<0.1	<0.1			
29843	Soil			36.2	6.13	1.53	4.54	0.75	3.87	0.80	2.01	0.32	1.95	0.30	2.8	40.2	5.6	33	22.3	1.2	0.1	<0.1	<0.1			
29844	Soil			56.7	7.27	1.79	4.29	0.69	3.25	0.63	1.51	0.23	1.37	0.22	0.7	17.5	7.3	36	28.7	1.7	<0.1	<0.1	<0.1			
29845	Soil			61.3	8.35	2.15	5.02	0.78	3.73	0.67	1.62	0.28	1.51	0.23	6.7	11.6	7.7	81	33.3	2.3	0.3	<0.1	<0.1			
29846	Soil			50.3	8.31	2.12	4.99	0.76	3.53	0.68	1.72	0.24	1.57	0.20	3.3	18.6	9.9	98	40.1	1.1	0.2	<0.1	<0.1			
29847	Soil			104.4	14.63	3.79	8.42	1.39	6.77	1.17	2.79	0.41	2.22	0.34	2.5	12.6	14.1	52	45.2	2.4	0.2	<0.1	<0.1			
29848	Soil			95.0	12.21	2.81	6.01	0.90	4.66	0.67	1.82	0.27	1.49	0.22	1.8	16.2	15.2	44	37.1	2.1	0.2	<0.1	0.1			
29849	Soil			59.2	8.62	1.99	4.73	0.79	4.07	0.68	1.73	0.29	1.35	0.18	1.0	23.4	9.5	49	44.1	1.7	0.1	<0.1	<0.1			
29850	Soil			40.5	6.98	1.79	4.54	0.76	3.61	0.60	1.59	0.19	1.05	0.16	3.1	9.0	6.6	43	20.1	1.5	0.1	<0.1	<0.1			



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Part 3

## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
28946	Soil	0.2	1.1	0.03	0.5	2.2
28947	Soil	0.2	0.8	0.04	0.3	1.0
28948	Soil	0.2	1.3	0.09	0.8	0.9
28949	Soil	0.1	<0.5	0.08	0.4	0.9
28950	Soil	<0.1	<0.5	0.04	0.3	<0.5
29826	Soil	11.4	4.9	0.26	0.5	<0.5
29827	Soil	<0.1	<0.5	0.04	0.1	1.1
29828	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
29829	Soil	<0.1	3.4	<0.01	<0.1	<0.5
29830	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
29831	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
29832	Soil	<0.1	<0.5	0.03	<0.1	0.6
29833	Soil	<0.1	0.6	0.01	<0.1	<0.5
29834	Soil	<0.1	3.4	<0.01	<0.1	<0.5
29835	Soil	<0.1	4.0	<0.01	<0.1	<0.5
29836	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
29837	Soil	<0.1	<0.5	<0.01	<0.1	0.6
29838	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29839	Soil	<0.1	<0.5	0.03	<0.1	<0.5
29840	Soil	<0.1	<0.5	<0.01	0.1	<0.5
29841	Soil	0.1	<0.5	0.04	0.1	0.6
29842	Soil	<0.1	<0.5	0.03	<0.1	<0.5
29843	Soil	<0.1	<0.5	0.02	<0.1	0.7
29844	Soil	<0.1	<0.5	0.02	0.1	<0.5
29845	Soil	<0.1	<0.5	0.02	0.1	0.5
29846	Soil	<0.1	1.3	0.04	0.1	0.8
29847	Soil	<0.1	<0.5	0.01	0.1	<0.5
29848	Soil	0.1	<0.5	0.02	0.1	0.6
29849	Soil	<0.1	0.5	0.01	0.1	<0.5
29850	Soil	<0.1	0.8	0.01	<0.1	0.5

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Project: ELDOR CARBONATITE  
 Report Date: November 22, 2007

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CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	
29851	Soil			603	3	23.1	1.3	17.1	4.9	56.7	59.5	2	289.4	1.6	16.3	1.6	120	2.1	187.2	17.3	56.0	123.3	13.52
29852	Soil			421	1	9.1	0.8	12.0	3.6	13.0	28.7	1	480.0	0.5	11.1	7.2	55	<0.5	130.7	13.3	39.3	73.4	8.50
29853	Soil			593	6	16.4	2.3	12.1	3.7	177.0	65.7	2	350.8	2.8	27.1	8.5	97	1.7	163.8	34.6	173.1	320.1	37.50
29854	Soil			747	3	13.0	1.3	14.9	4.1	260.4	80.1	2	365.4	5.2	31.2	3.9	83	1.7	204.7	24.5	131.5	266.1	31.24
29855	Soil			726	<1	9.0	1.4	16.8	3.2	9.6	82.6	1	300.4	0.5	8.3	1.3	66	<0.5	132.9	9.6	25.0	50.1	5.54
29856	Soil			670	2	12.4	1.4	15.1	4.7	6.7	72.6	<1	305.0	0.5	19.3	1.2	67	<0.5	168.6	10.8	37.2	74.8	8.34
29857	Soil			639	3	15.4	1.1	14.9	3.4	186.1	60.8	2	413.8	1.0	20.6	9.4	74	1.0	141.6	26.3	131.7	299.2	34.67
29858	Soil			708	3	10.0	1.3	15.0	4.8	54.1	66.3	1	321.6	0.6	10.8	1.4	61	0.6	167.6	15.6	43.1	84.6	10.77
29859	Soil			717	2	8.5	0.8	14.5	4.7	4.8	73.8	<1	337.6	0.4	8.5	0.9	46	<0.5	164.4	9.6	22.1	44.6	5.09
29860	Soil			605	21	10.3	1.2	15.8	4.4	52.9	65.5	1	326.0	1.0	10.9	1.4	67	0.7	155.1	13.5	52.0	113.1	11.86
29861	Soil			992	7	40.5	2.0	18.2	6.5	573.0	74.5	4	472.2	8.1	100.3	4.9	203	2.9	222.7	59.9	323.5	626.6	69.36
29862	Soil			856	5	24.0	1.3	16.8	5.0	218.0	71.4	5	354.1	6.3	20.6	3.2	161	2.0	205.6	35.3	155.5	297.9	34.17
29863	Soil			706	3	10.7	1.7	14.2	3.2	34.4	75.8	1	306.2	0.8	9.4	1.4	67	0.5	123.9	12.2	35.1	76.2	8.61
29864	Soil			681	2	14.2	1.5	17.4	4.4	54.4	72.4	2	291.1	1.2	15.7	1.6	79	0.9	149.6	18.9	124.6	213.0	22.21
29865	Soil			799	14	20.9	1.5	13.8	5.1	247.9	51.1	4	395.0	3.6	45.2	3.2	113	1.2	191.2	52.2	219.4	479.2	51.12
29866	Soil			666	3	15.4	1.5	14.8	5.0	70.7	71.0	2	319.1	1.7	11.8	1.5	86	0.8	168.8	14.8	56.6	117.2	12.46
29867	Soil			625	3	12.2	1.2	15.1	4.6	75.3	65.1	2	305.9	1.4	10.8	1.2	69	1.0	173.9	12.5	49.3	99.4	10.54
29868	Soil			625	1	10.9	1.3	14.1	4.0	37.2	69.7	<1	259.3	1.1	7.3	1.1	66	0.7	151.5	10.6	32.1	66.0	7.15
29869	Soil			678	3	20.4	2.1	15.0	4.8	177.8	83.1	2	370.9	3.3	28.1	2.2	104	1.1	170.4	33.8	144.5	292.2	35.81
29870	Soil			676	2	17.3	1.4	15.6	4.6	170.1	79.9	3	334.2	2.6	21.3	1.7	87	1.7	173.8	32.3	132.2	265.2	30.63
29871	Soil			612	6	16.2	1.4	14.9	3.0	195.4	69.9	2	360.3	2.9	53.6	1.9	76	1.2	128.1	59.2	270.2	705.5	76.58
29872	Soil			623	3	9.7	1.7	15.7	3.5	12.3	78.1	1	300.1	0.5	6.5	0.9	60	0.5	126.1	8.3	23.2	45.2	5.08
29873	Soil			666	3	19.3	1.7	15.1	5.5	139.0	74.8	2	408.3	1.8	26.8	1.8	85	2.1	202.4	42.5	287.8	494.5	56.51
29874	Soil			719	2	15.0	1.4	14.4	4.0	41.6	86.2	2	338.7	1.5	13.2	1.4	70	1.4	156.8	18.4	61.9	123.6	13.94
29875	Soil			675	4	19.8	1.7	14.7	4.2	134.1	83.9	2	486.0	2.7	34.0	1.7	94	2.7	149.8	42.0	175.2	337.3	39.92
28726	Soil			694	1	8.3	1.1	13.8	4.5	6.0	82.7	<1	317.5	0.3	5.3	1.1	50	0.5	170.2	10.6	21.5	42.3	4.88
29876	Soil			531	6	18.4	2.4	10.8	3.2	158.0	68.6	3	381.4	4.2	50.3	9.1	93	2.4	119.2	55.1	269.8	478.8	57.66
29877	Soil			635	7	19.9	1.4	10.6	3.2	263.3	62.2	5	407.0	8.6	121.4	7.8	89	2.1	126.1	77.4	559.8	1026	117.8
29878	Soil			528	5	15.8	1.1	11.1	3.5	183.3	58.2	2	422.7	5.6	43.1	5.3	80	1.7	136.5	49.1	241.2	454.2	53.42
29879	Soil			654	3	17.3	1.5	12.8	3.4	217.6	72.5	3	489.4	13.0	63.9	9.7	88	1.2	139.6	67.2	289.6	548.2	67.18

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Project:

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Report Date:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
29851	Soil	49.7	7.42	1.91	4.06	0.73	3.74	0.68	1.82	0.27	1.46	0.21	1.3	28.3	7.6	49	37.1	2.4	<0.1	<0.1	<0.1
29852	Soil	30.2	4.41	1.25	2.76	0.45	2.53	0.47	1.18	0.19	1.05	0.16	5.0	31.1	5.9	48	24.9	0.9	0.2	<0.1	<0.1
29853	Soil	130.3	19.18	4.70	10.48	1.59	7.83	1.31	3.11	0.42	2.39	0.35	7.9	44.6	17.1	141	50.1	2.1	0.4	<0.1	0.1
29854	Soil	108.0	14.99	3.83	7.70	1.18	6.00	0.88	1.96	0.30	1.69	0.24	9.0	20.9	11.4	70	41.6	2.1	0.2	0.1	<0.1
29855	Soil	20.6	3.41	0.74	1.98	0.31	2.09	0.32	0.97	0.16	0.92	0.13	0.7	8.6	7.0	30	16.5	1.4	<0.1	<0.1	<0.1
29856	Soil	30.6	4.89	0.87	2.76	0.42	2.16	0.36	0.98	0.19	0.92	0.14	1.2	11.1	7.0	28	20.7	1.9	<0.1	<0.1	<0.1
29857	Soil	125.0	17.09	4.19	9.03	1.33	5.96	0.90	2.18	0.29	1.76	0.26	5.4	18.8	16.8	54	27.8	2.3	0.2	<0.1	0.2
29858	Soil	38.5	6.48	1.41	4.29	0.64	2.94	0.54	1.49	0.22	1.19	0.18	1.2	16.2	7.7	32	22.4	1.9	<0.1	<0.1	<0.1
29859	Soil	17.9	3.41	0.75	1.92	0.36	1.56	0.33	0.90	0.16	0.90	0.12	0.4	7.9	6.4	23	13.3	1.0	<0.1	<0.1	<0.1
29860	Soil	44.3	6.19	1.54	3.81	0.59	3.16	0.50	1.18	0.19	1.07	0.15	1.5	10.5	10.6	39	22.4	1.4	<0.1	<0.1	<0.1
29861	Soil	240.6	37.05	9.49	19.94	3.01	13.92	2.10	4.55	0.67	3.54	0.47	4.8	64.3	25.6	169	78.8	4.7	0.5	<0.1	0.2
29862	Soil	116.0	18.24	4.60	11.15	1.72	7.96	1.28	3.21	0.47	2.53	0.31	3.6	30.3	22.9	76	57.4	2.5	0.2	<0.1	0.2
29863	Soil	30.1	5.27	1.25	3.34	0.50	2.66	0.44	1.05	0.18	1.10	0.17	2.2	13.4	8.3	35	23.4	2.3	<0.1	<0.1	<0.1
29864	Soil	74.7	11.25	2.62	5.69	0.92	4.35	0.70	1.58	0.32	1.39	0.18	3.2	11.0	9.8	48	26.4	1.3	0.1	<0.1	<0.1
29865	Soil	177.2	28.24	7.36	16.54	2.76	13.24	2.11	4.58	0.69	3.32	0.44	4.5	14.1	34.5	75	39.5	2.2	0.2	<0.1	0.3
29866	Soil	43.4	7.10	1.70	4.42	0.72	3.19	0.49	1.45	0.25	1.17	0.17	1.0	17.9	12.0	48	42.0	1.8	0.1	<0.1	<0.1
29867	Soil	36.7	5.35	1.29	2.91	0.52	2.17	0.43	1.15	0.20	0.93	0.16	2.2	14.2	8.7	38	32.0	1.5	0.1	<0.1	<0.1
29868	Soil	25.2	4.16	0.89	2.86	0.38	2.03	0.36	0.91	0.15	0.89	0.14	0.9	8.0	8.2	33	22.2	2.0	<0.1	<0.1	<0.1
29869	Soil	123.5	18.26	4.62	10.54	1.57	7.38	1.20	3.02	0.44	2.45	0.36	1.8	40.8	17.5	90	66.2	6.5	0.2	0.1	0.1
29870	Soil	108.0	16.15	3.97	9.61	1.42	7.10	1.17	2.72	0.43	2.17	0.32	2.5	25.7	14.5	74	40.7	2.2	0.2	<0.1	<0.1
29871	Soil	276.7	37.13	9.40	18.82	3.06	13.75	2.05	5.02	0.75	3.89	0.52	3.3	18.0	23.4	79	54.5	3.1	0.3	<0.1	0.2
29872	Soil	17.5	3.15	0.72	1.76	0.32	1.56	0.28	0.77	0.15	0.83	0.12	1.8	9.7	7.1	31	17.6	1.6	<0.1	<0.1	<0.1
29873	Soil	192.2	26.28	6.48	13.73	2.15	9.62	1.58	3.58	0.54	2.71	0.35	5.0	21.4	15.7	76	63.2	2.9	0.2	<0.1	0.1
29874	Soil	49.5	7.57	1.85	4.81	0.72	3.76	0.67	1.56	0.30	1.44	0.21	2.3	22.4	8.2	52	30.8	2.0	<0.1	<0.1	<0.1
29875	Soil	137.9	22.59	5.77	12.78	2.05	9.71	1.50	3.28	0.54	2.82	0.38	7.4	35.5	20.5	105	63.0	2.9	0.3	<0.1	0.1
28726	Soil	16.2	2.99	0.67	2.00	0.32	1.66	0.35	1.07	0.17	0.91	0.14	0.6	8.3	7.1	30	15.4	1.5	<0.1	<0.1	<0.1
29876	Soil	199.6	28.62	7.55	16.02	2.48	11.12	1.84	4.32	0.58	3.58	0.48	12.8	43.2	33.2	225	64.9	4.4	0.7	0.2	0.3
29877	Soil	404.1	58.81	14.86	29.51	4.59	19.26	2.59	5.07	0.82	3.97	0.54	9.1	20.9	47.7	187	44.7	2.8	0.4	<0.1	0.4
29878	Soil	182.4	25.82	6.94	14.48	2.36	11.74	1.71	3.91	0.54	2.86	0.36	9.9	28.6	25.9	153	48.0	2.2	0.6	<0.1	0.2
29879	Soil	233.8	35.40	9.77	21.51	3.26	14.51	2.28	4.75	0.71	3.80	0.49	7.3	25.5	32.7	136	39.0	3.1	0.4	<0.1	0.2

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
29851	Soil	<0.1	<0.5	0.02	<0.1	<0.5
29852	Soil	<0.1	<0.5	0.05	0.1	1.2
29853	Soil	0.2	0.6	0.07	0.2	1.6
29854	Soil	<0.1	0.6	0.02	0.1	<0.5
29855	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29856	Soil	<0.1	0.8	0.01	<0.1	0.5
29857	Soil	0.1	0.6	0.04	0.1	0.8
29858	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29859	Soil	<0.1	0.7	0.01	<0.1	<0.5
29860	Soil	<0.1	1.4	<0.01	<0.1	<0.5
29861	Soil	<0.1	<0.5	0.05	0.2	0.8
29862	Soil	<0.1	1.0	0.02	0.1	0.7
29863	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29864	Soil	<0.1	0.6	0.02	0.1	<0.5
29865	Soil	<0.1	<0.5	0.02	0.1	1.0
29866	Soil	<0.1	<0.5	0.01	0.1	0.5
29867	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29868	Soil	<0.1	<0.5	0.02	<0.1	<0.5
29869	Soil	<0.1	0.9	0.02	0.2	0.8
29870	Soil	<0.1	<0.5	0.02	0.1	0.7
29871	Soil	<0.1	0.7	0.01	0.2	1.1
29872	Soil	<0.1	0.5	<0.01	<0.1	<0.5
29873	Soil	<0.1	<0.5	0.03	0.2	<0.5
29874	Soil	<0.1	<0.5	0.02	0.1	<0.5
29875	Soil	<0.1	0.8	0.02	0.3	0.6
28726	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
29876	Soil	0.2	2.5	0.11	0.3	2.0
29877	Soil	<0.1	1.0	0.04	0.2	<0.5
29878	Soil	<0.1	0.7	0.05	0.2	0.8
29879	Soil	<0.1	1.8	0.02	0.2	<0.5

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**Project:** ELDOR CARBONATITE  
**Report Date:** November 22, 2007

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	
29880	Soil			574	2	13.5	1.3	14.4	3.9	178.0	65.3	2	444.4	5.1	30.5	4.3	89	1.7	149.2	43.0	239.9	478.0	57.14
29881	Soil			853	2	12.3	1.4	15.4	4.6	36.1	80.4	2	353.8	0.7	16.4	1.5	76	0.6	147.3	18.2	246.3	433.4	46.28
29882	Soil			712	1	15.3	1.8	16.6	3.9	20.6	84.3	2	273.9	0.8	9.7	1.2	89	0.8	139.1	14.2	39.9	77.5	9.04
29883	Soil			821	2	16.9	1.7	16.3	5.1	71.6	86.2	1	319.6	1.3	10.5	1.6	85	0.7	167.7	19.2	67.7	133.8	15.86
29884	Soil			676	3	14.8	1.5	17.5	5.5	19.9	77.9	<1	310.3	0.8	10.0	1.3	90	1.4	183.3	13.5	34.2	67.7	7.45
29885	Soil			772	3	10.0	1.4	17.7	5.5	11.7	84.2	1	336.0	0.6	8.8	1.1	69	0.7	183.4	10.7	26.8	53.0	5.97
29886	Soil			768	3	14.1	1.8	17.1	4.9	31.4	78.1	1	309.0	1.2	9.8	1.4	81	0.8	149.5	14.6	47.6	93.2	10.18
29887	Soil			793	1	11.3	1.6	15.5	4.0	5.7	81.6	<1	342.5	0.3	9.3	1.7	56	<0.5	141.5	9.9	28.8	56.8	6.27
29888	Soil			748	2	17.1	1.4	17.1	4.0	97.8	85.6	2	306.7	0.9	17.4	1.8	86	2.0	121.1	15.9	159.3	260.3	26.54
29889	Soil			707	2	12.3	1.4	15.5	5.0	68.3	83.7	1	375.3	1.2	12.5	1.4	69	0.6	165.1	15.3	56.6	107.8	12.17
29890	Soil			740	2	12.3	1.6	16.6	5.2	43.9	84.3	1	318.5	1.0	11.8	1.3	68	<0.5	165.0	11.0	33.5	67.0	7.31
29891	Soil			786	2	8.1	1.5	17.5	5.7	21.8	87.8	<1	353.3	0.6	9.2	1.9	61	0.6	180.9	10.5	34.1	68.4	7.53
29892	Soil			302	4	37.4	0.9	22.5	6.2	609.4	23.4	3	280.4	5.3	24.3	1.6	213	1.7	224.8	23.1	63.6	139.0	16.52
29893	Soil			689	<1	13.7	1.3	11.8	2.9	106.7	75.6	2	371.6	1.8	22.3	2.3	77	<0.5	93.5	22.5	215.2	323.9	32.40
29894	Soil			605	4	22.1	2.3	11.8	3.1	497.4	78.2	8	364.3	7.3	44.3	8.1	121	3.8	172.6	28.5	213.9	441.3	54.00
29895	Soil			571	4	13.7	2.1	11.6	4.1	206.2	66.9	3	517.4	1.5	22.8	8.8	81	<0.5	141.8	41.4	140.3	269.3	34.39
29896	Soil			635	11	19.3	1.8	16.0	5.6	153.3	81.7	3	314.8	3.1	18.5	3.4	106	3.0	192.2	32.2	115.7	212.1	24.47
29897	Soil			813	4	21.6	1.7	15.7	5.6	185.1	80.1	2	420.6	5.0	21.4	4.0	109	1.6	212.6	32.0	125.8	265.9	29.97
29898	Soil			731	3	11.4	1.7	16.3	4.6	40.9	89.2	1	350.6	0.8	13.6	1.6	65	0.5	162.7	16.9	75.1	140.1	15.22
29900	Soil			792	3	14.2	1.5	15.7	4.2	89.3	83.3	1	461.4	1.9	17.2	3.1	73	0.9	157.4	24.2	109.0	215.7	24.27
29901	Soil			716	5	12.4	1.5	15.4	5.3	147.4	82.1	1	420.3	1.3	20.0	1.9	73	0.6	173.8	25.6	120.4	248.4	27.90
29902	Soil			712	4	12.0	1.6	15.4	3.5	64.2	86.7	1	401.5	1.7	11.5	2.6	83	0.8	121.0	20.8	70.4	141.6	16.53
29903	Soil			728	2	14.7	2.2	14.0	4.3	58.6	82.3	2	342.2	1.4	14.6	3.5	79	0.7	157.1	21.0	88.1	164.4	19.28
29904	Soil			754	3	15.9	2.5	15.0	5.3	127.2	93.7	2	392.7	2.2	18.5	6.5	85	1.0	175.1	30.7	157.4	294.0	33.17
29905	Soil			232	2	68.7	0.6	5.7	1.3	5.9	25.5	<1	100.8	0.2	11.0	12.4	33	<0.5	46.9	24.6	69.8	185.0	20.40
29906	Soil			666	2	19.8	1.6	17.0	5.6	75.2	76.7	2	334.3	2.0	15.8	2.2	104	1.2	178.0	26.5	104.0	214.5	24.61
29907	Soil			762	3	15.2	1.5	17.2	4.0	37.8	84.5	1	344.2	1.1	11.6	1.5	73	0.8	140.2	20.5	76.4	156.0	18.70
29908	Soil			779	3	12.8	1.9	15.7	4.9	115.5	93.3	2	387.3	3.0	17.3	2.1	81	0.9	153.2	22.2	100.5	197.1	21.84
29909	Soil			658	2	14.5	2.2	12.5	4.4	67.2	78.3	2	357.5	1.6	50.5	4.1	75	0.9	149.0	30.6	197.9	431.7	53.56
29910	Soil			1059	3	22.1	2.9	15.7	5.4	207.3	63.1	3	424.7	7.0	38.8	7.8	143	1.9	220.6	67.6	398.4	714.2	77.88

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

### CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	4B Nd	4B Sm	4B Eu	4B Gd	4B Tb	4B Dy	4B Ho	4B Er	4B Tm	4B Yb	4B Lu	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ni	1DX As	1DX Cd	1DX Sb	1DX Bi
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
29880	Soil			197.7	28.67	7.05	14.37	2.30	8.98	1.46	3.45	0.51	2.81	0.34	5.8	12.5	12.8	81	31.4	2.3	0.4	<0.1	0.1
29881	Soil			155.9	18.39	4.06	7.43	1.06	4.48	0.62	1.55	0.24	1.34	0.17	1.2	16.2	6.0	45	27.1	1.5	0.1	<0.1	<0.1
29882	Soil			31.5	5.31	1.27	3.39	0.52	2.73	0.49	1.37	0.21	1.24	0.17	0.7	23.1	7.5	50	44.5	1.9	<0.1	<0.1	<0.1
29883	Soil			55.6	8.71	2.05	5.26	0.82	3.68	0.71	1.67	0.28	1.50	0.22	1.3	17.9	8.5	60	33.1	3.0	0.2	<0.1	<0.1
29884	Soil			26.4	4.95	1.03	3.16	0.50	2.59	0.47	1.30	0.21	1.20	0.18	0.9	12.8	7.2	47	32.8	2.6	<0.1	<0.1	<0.1
29885	Soil			21.8	3.70	0.92	2.31	0.38	2.12	0.38	1.04	0.19	0.95	0.14	0.5	8.2	7.3	32	18.7	1.5	<0.1	<0.1	<0.1
29886	Soil			36.7	6.06	1.50	3.98	0.60	3.03	0.53	1.52	0.22	1.21	0.18	1.6	15.1	8.2	37	31.6	2.5	<0.1	<0.1	<0.1
29887	Soil			21.6	3.58	0.80	2.25	0.36	1.85	0.33	0.90	0.15	0.96	0.14	1.1	10.6	5.4	34	20.1	0.9	0.1	<0.1	<0.1
29888	Soil			85.9	11.40	2.59	4.81	0.75	3.20	0.54	1.33	0.24	1.30	0.18	3.1	26.7	8.3	69	36.6	1.8	0.3	<0.1	<0.1
29889	Soil			43.1	6.55	1.62	4.04	0.61	3.16	0.53	1.57	0.21	1.25	0.19	1.6	20.7	7.9	49	26.0	1.9	0.1	<0.1	<0.1
29890	Soil			27.4	4.68	1.10	2.98	0.45	2.22	0.41	1.10	0.19	1.02	0.16	2.0	9.9	9.2	35	28.0	1.8	<0.1	<0.1	<0.1
29891	Soil			26.1	4.15	0.93	2.51	0.41	1.91	0.36	1.07	0.16	1.03	0.16	0.8	7.1	6.8	24	15.7	1.3	<0.1	<0.1	<0.1
29892	Soil			60.2	10.78	2.97	7.52	1.16	5.40	0.87	2.37	0.32	1.67	0.22	1.9	28.5	12.9	81	95.9	1.4	<0.1	<0.1	<0.1
29893	Soil			96.2	12.88	3.55	6.48	1.07	5.03	0.79	2.05	0.30	1.68	0.23	2.9	17.5	10.7	63	25.1	2.4	0.4	0.1	0.1
29894	Soil			176.6	21.64	5.64	9.38	1.62	6.46	1.06	2.44	0.31	1.91	0.26	7.8	37.6	21.8	220	43.7	2.9	0.5	<0.1	0.1
29895	Soil			122.4	18.57	5.42	11.83	1.88	8.72	1.60	3.30	0.46	2.54	0.33	3.0	44.4	15.1	104	38.5	2.1	0.3	<0.1	<0.1
29896	Soil			87.3	13.26	3.63	9.18	1.45	6.75	1.11	2.74	0.41	2.26	0.32	2.5	41.8	11.8	78	52.0	4.4	0.3	<0.1	<0.1
29897	Soil			113.3	16.77	4.36	10.25	1.53	6.95	1.17	2.91	0.43	2.49	0.34	2.6	20.9	13.1	66	55.5	6.9	0.2	<0.1	0.1
29898	Soil			55.5	7.70	1.89	4.27	0.71	3.46	0.57	1.43	0.24	1.44	0.22	1.1	20.4	9.5	47	24.5	1.8	0.1	<0.1	<0.1
29900	Soil			85.0	12.34	3.16	7.08	1.10	5.22	0.80	2.06	0.32	1.68	0.25	2.5	18.0	9.7	64	29.8	2.1	0.3	<0.1	<0.1
29901	Soil			98.6	14.57	3.74	8.11	1.21	5.49	0.83	2.11	0.32	2.06	0.28	2.4	21.5	9.3	66	32.2	1.8	0.2	<0.1	0.1
29902	Soil			62.4	9.68	2.42	5.96	0.91	4.32	0.67	1.73	0.31	1.72	0.25	1.1	18.4	7.8	47	22.9	1.1	0.1	<0.1	<0.1
29903	Soil			70.1	9.98	2.49	6.07	0.88	4.11	0.69	1.85	0.31	1.63	0.22	1.7	24.9	11.0	66	31.1	1.1	<0.1	<0.1	0.1
29904	Soil			121.4	16.65	4.26	9.30	1.36	6.39	0.97	2.46	0.37	2.21	0.31	2.3	32.3	16.4	93	35.2	1.5	0.3	<0.1	0.1
29905	Soil			77.7	13.70	3.64	8.89	1.33	6.11	0.97	2.53	0.39	2.27	0.34	13.5	173.2	11.5	449	96.9	99.9	0.7	0.3	<0.1
29906	Soil			93.7	13.50	3.50	8.00	1.22	5.90	0.89	2.35	0.36	1.90	0.26	2.4	40.1	13.5	84	62.2	2.3	0.3	<0.1	0.1
29907	Soil			70.1	10.13	2.54	5.79	0.88	4.02	0.68	1.76	0.28	1.54	0.22	1.5	38.2	8.0	72	45.4	2.5	0.2	<0.1	<0.1
29908	Soil			77.1	11.28	3.02	6.82	0.99	4.62	0.74	1.88	0.29	1.67	0.24	2.4	24.1	10.3	57	28.6	1.8	0.1	<0.1	<0.1
29909	Soil			196.2	25.06	5.94	11.29	1.55	6.80	0.96	2.31	0.33	1.94	0.26	2.2	29.9	31.9	100	33.6	1.6	0.4	0.1	0.4
29910	Soil			281.6	40.24	11.18	23.28	3.36	15.09	2.26	5.25	0.69	3.92	0.50	4.7	60.6	24.8	196	39.4	0.7	0.5	<0.1	0.2



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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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## CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
29880	Soil	<0.1	0.9	0.02	0.1	<0.5
29881	Soil	<0.1	1.0	0.01	0.1	<0.5
29882	Soil	<0.1	<0.5	0.03	<0.1	<0.5
29883	Soil	<0.1	<0.5	0.01	0.2	<0.5
29884	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
29885	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29886	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
29887	Soil	<0.1	0.8	0.02	<0.1	<0.5
29888	Soil	<0.1	<0.5	0.01	0.2	<0.5
29889	Soil	<0.1	1.6	<0.01	0.1	<0.5
29890	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29891	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29892	Soil	<0.1	1.2	0.01	<0.1	<0.5
29893	Soil	<0.1	0.6	0.02	0.1	0.6
29894	Soil	0.1	0.9	0.06	0.8	1.5
29895	Soil	0.1	<0.5	0.09	0.2	1.7
29896	Soil	<0.1	0.7	0.04	0.2	0.7
29897	Soil	<0.1	<0.5	0.02	0.2	0.5
29898	Soil	<0.1	<0.5	0.01	0.1	<0.5
29900	Soil	<0.1	0.7	0.03	0.1	0.7
29901	Soil	<0.1	<0.5	0.02	0.1	0.5
29902	Soil	<0.1	0.7	0.02	<0.1	0.5
29903	Soil	<0.1	<0.5	0.05	0.2	<0.5
29904	Soil	0.1	<0.5	0.05	0.2	0.7
29905	Soil	<0.1	<0.5	0.03	0.1	2.2
29906	Soil	<0.1	0.6	0.01	0.2	0.6
29907	Soil	<0.1	0.6	0.02	0.1	<0.5
29908	Soil	<0.1	1.2	0.02	0.1	<0.5
29909	Soil	0.1	<0.5	0.05	0.1	1.3
29910	Soil	0.1	<0.5	0.03	0.3	0.9



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Project:

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Report Date:

November 22, 2007

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# CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B			
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	8	0.5	0.1	0.1	0.1	0.02		
29911	Soil			1559	6	74.4	5.1	21.5	8.0	181.1	83.8	4	116.8	7.8	37.7	6.2	368	4.1	278.1	61.8	291.4	533.3	57.08
29912	Soil			857	4	17.7	1.9	18.4	5.0	74.2	82.4	2	333.0	2.6	12.8	2.0	114	1.4	196.6	19.6	110.4	199.3	20.07
29913	Soil			775	5	56.6	1.6	18.0	9.6	523.5	15.2	6	348.0	27.3	45.6	12.8	327	1.5	584.7	164.5	848.8	1534	169.7
29914	Soil			742	3	11.6	1.4	15.8	4.7	107.6	89.0	1	389.1	1.8	13.9	1.5	77	1.0	156.9	17.3	52.7	111.7	12.45
29915	Soil			750	4	30.4	5.2	21.0	3.3	31.5	140.0	2	99.2	1.9	5.5	2.5	374	2.3	103.8	13.8	24.0	47.7	5.46
29916	Soil			730	4	20.1	1.6	13.5	5.2	372.5	77.9	3	943.7	13.2	27.2	8.6	92	2.2	198.4	40.5	196.7	387.2	44.17
29917	Soil			701	2	14.8	1.5	15.2	5.9	99.9	85.3	2	472.0	2.7	13.6	1.9	87	1.7	197.6	24.3	86.7	169.5	19.86
29918	Soil			606	4	100.1	2.2	10.0	2.5	197.7	45.5	2	328.3	5.6	26.6	11.7	91	2.7	93.9	53.4	246.3	464.2	53.05
29919	Soil			610	3	17.2	1.9	15.0	4.7	71.2	81.4	2	297.7	2.9	17.0	6.3	108	3.0	165.0	24.6	95.4	158.6	19.35
29920	Soil			658	7	22.7	1.6	16.5	4.4	188.8	92.2	2	283.0	6.6	28.3	5.5	127	5.3	159.2	39.0	146.3	259.1	31.58
29921	Soil			547	6	16.6	1.3	14.2	4.7	101.7	78.6	2	306.0	3.1	19.5	1.8	110	4.1	164.7	34.7	117.2	200.5	23.73
29922	Soil			635	4	18.1	1.3	17.0	5.1	61.7	86.3	2	249.9	2.8	22.0	2.0	122	4.6	190.7	31.7	93.2	159.0	19.37
29923	Soil			497	12	37.9	1.4	14.0	11.5	1112	62.5	15	882.7	80.5	81.7	58.7	138	6.4	627.5	114.6	437.8	899.4	105.2
29924	Soil			488	4	15.6	1.1	15.8	4.5	89.2	69.0	2	234.8	4.6	18.7	3.0	90	3.9	152.0	28.5	89.5	159.9	18.31
29925	Soil			520	6	16.9	1.1	16.1	5.9	110.2	74.6	3	252.7	5.1	21.9	3.6	119	6.9	205.6	36.6	109.2	190.2	23.24
28727	Soil			645	2	10.5	1.2	15.5	4.0	9.4	73.7	<1	332.5	0.6	8.7	2.0	56	0.7	135.7	10.8	29.8	53.4	6.38
29926	Soil			441	4	27.1	1.3	13.1	5.2	167.7	48.3	2	268.6	6.0	18.9	4.8	152	5.9	189.2	38.3	163.1	276.7	33.57
29927	Soil			503	5	15.8	1.2	13.8	4.1	125.2	72.7	3	323.3	4.6	17.8	10.5	98	4.7	153.0	35.3	165.4	261.2	30.53
29928	Soil			268	1	33.9	1.5	17.1	5.5	123.7	43.8	3	284.3	6.3	14.3	5.3	191	4.2	194.5	33.5	138.3	238.8	28.45
29929	Soil			418	6	30.8	1.3	16.7	5.5	171.1	52.3	3	333.0	4.3	25.7	9.0	176	4.8	190.2	38.5	254.6	462.2	51.80
29930	Soil			222	2	12.9	0.7	4.9	1.2	93.2	23.4	1	520.1	1.9	24.2	20.3	55	1.9	51.3	32.4	159.4	252.4	31.84
29931	Soil			533	10	47.0	1.1	18.3	6.3	913.4	46.7	5	456.8	25.9	134.8	11.6	265	15.1	244.6	95.7	248.8	544.0	63.21
29932	Soil			536	9	81.7	0.4	12.3	3.5	251.2	32.3	4	822.5	1.9	244.4	1.5	278	9.3	142.4	334.9	1405	3198	432.7
29933	Soil			615	11	25.7	1.3	20.9	7.3	96.8	80.7	3	186.1	3.9	17.8	1.5	170	11.0	256.2	43.4	96.3	183.2	21.74
29951	Soil			636	8	21.4	1.9	15.7	5.7	264.2	70.7	3	337.6	10.1	29.9	5.9	137	2.7	194.5	34.0	172.6	387.0	42.18
29952	Soil			625	21	21.6	2.0	16.2	4.8	188.8	74.3	2	275.5	7.8	21.2	5.6	145	3.4	172.0	30.1	102.3	197.2	38.07
29953	Soil			726	5	22.4	2.3	17.5	4.8	180.7	90.6	2	348.8	4.7	31.5	3.4	134	2.8	196.4	47.4	157.3	309.8	38.27
29954	Soil			593	6	23.3	1.7	18.1	6.1	335.3	82.4	4	358.8	12.2	31.7	6.0	125	4.3	230.6	56.7	238.6	447.2	53.06
29955	Soil			679	5	24.0	1.8	16.2	4.6	326.0	77.8	4	409.4	16.0	36.9	10.3	129	2.9	192.4	47.6	293.8	543.4	58.00
29956	Soil			602	4	22.7	1.5	14.7	4.7	591.4	73.7	4	625.8	15.9	48.6	10.3	106	4.2	190.5	68.4	734.0	1191	124.3

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.





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Project: ELDOR CARBONATITE  
Report Date: November 22, 2007

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## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
Unit		ppm	ppb	ppm	ppm	ppm
MDL		0.1	0.5	0.01	0.1	0.5
29911	Soil	0.2	<0.5	<0.01	1.0	2.0
29912	Soil	<0.1	0.8	<0.01	<0.1	<0.5
29913	Soil	<0.1	<0.5	0.02	0.3	1.6
29914	Soil	<0.1	1.1	<0.01	<0.1	<0.5
29915	Soil	<0.1	0.8	<0.01	0.6	2.3
29916	Soil	<0.1	1.4	0.02	0.2	0.7
29917	Soil	<0.1	<0.5	<0.01	0.1	<0.5
29918	Soil	0.1	1.4	0.10	0.4	1.9
29919	Soil	<0.1	<0.5	0.04	0.1	<0.5
29920	Soil	<0.1	0.8	0.02	0.2	<0.5
29921	Soil	<0.1	1.0	<0.01	<0.1	<0.5
29922	Soil	<0.1	<0.5	<0.01	0.1	0.6
29923	Soil	<0.1	4.0	0.02	0.2	1.9
29924	Soil	<0.1	<0.5	0.02	<0.1	0.6
29925	Soil	<0.1	<0.5	0.02	0.1	0.6
28727	Soil	<0.1	<0.5	0.01	<0.1	<0.5
29926	Soil	<0.1	<0.5	0.03	<0.1	0.8
29927	Soil	<0.1	<0.5	0.03	0.1	1.2
29928	Soil	<0.1	<0.5	0.02	<0.1	0.5
29929	Soil	<0.1	<0.5	0.03	<0.1	0.8
29930	Soil	0.2	0.5	0.09	0.1	1.6
29931	Soil	<0.1	<0.5	0.01	0.2	1.4
29932	Soil	1.0	19.4	0.11	0.4	5.5
29933	Soil	<0.1	<0.5	<0.01	<0.1	0.6
29951	Soil	<0.1	<0.5	0.02	0.2	0.6
29952	Soil	<0.1	<0.5	0.02	0.1	0.5
29953	Soil	<0.1	<0.5	0.02	0.2	0.8
29954	Soil	<0.1	<0.5	0.02	0.2	1.1
29955	Soil	0.1	<0.5	0.03	0.2	1.0
29956	Soil	0.1	<0.5	0.03	0.2	1.5



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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	MDL	MDL
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.02
29957	Soil	586	5	20.6	1.3	15.1	4.3	338.7	71.2	3	408.4	13.8	29.0	16.6	106	5.0	159.3	49.5	321.1	606.9	63.98		
29958	Soil	336	7	45.8	2.6	12.6	4.5	229.9	32.4	4	311.2	11.4	26.0	10.0	205	6.1	190.6	48.2	286.2	509.6	57.08		
29959	Soil	605	8	32.1	1.9	14.8	4.1	446.7	83.6	4	419.8	11.7	41.6	23.1	184	8.4	165.1	66.1	506.4	867.6	93.89		
29960	Soil	700	15	29.3	1.3	14.6	4.8	733.2	66.5	6	749.4	27.9	43.5	17.5	144	6.6	210.7	89.9	457.7	885.3	104.1		
29961	Soil	630	8	30.1	1.6	15.3	6.4	423.2	79.8	3	458.7	15.9	29.2	9.1	172	8.7	278.0	52.3	202.4	396.0	45.64		
29962	Soil	590	18	30.6	1.8	16.5	5.1	303.9	75.8	3	351.9	7.3	39.5	3.2	193	13.1	217.5	44.3	286.3	519.3	56.62		
29963	Soil	625	5	29.7	2.0	15.2	6.0	320.7	74.3	3	695.0	12.2	41.7	6.4	178	7.9	214.7	54.6	301.2	555.0	62.91		
29964	Soil	567	16	31.4	2.2	15.8	5.0	364.4	70.9	3	305.1	5.9	45.3	2.9	208	11.1	198.5	54.1	336.9	632.3	70.80		
29965	Soil	488	8	37.5	1.6	20.0	6.5	256.0	69.7	3	232.2	6.7	29.7	3.3	237	14.6	230.6	43.9	136.6	293.5	33.45		
29966	Soil	731	11	29.8	1.5	13.3	4.2	638.1	83.3	6	542.6	11.5	100.7	8.4	162	8.0	179.4	86.3	561.9	1036	113.9		
29967	Soil	498	12	29.8	1.0	12.4	3.9	290.3	56.3	3	350.3	7.2	50.2	4.6	148	9.7	151.5	62.9	335.0	613.2	68.86		
29968	Soil	620	11	28.0	1.5	15.7	5.1	203.1	64.6	5	343.5	1.9	102.2	1.3	132	7.7	187.5	69.7	402.6	994.4	139.9		
29969	Soil	633	4	15.8	1.7	17.3	5.5	137.9	74.1	3	281.4	1.4	32.7	1.1	129	5.9	191.3	24.3	130.6	312.7	37.54		
29970	Soil	196	5	33.8	1.9	21.7	8.3	106.0	20.3	3	69.5	3.2	11.7	0.3	291	18.9	396.5	26.9	51.4	107.6	12.96		
29971	Soil	414	11	39.3	3.3	19.5	7.0	65.8	53.0	2	138.9	2.1	10.8	0.6	287	6.8	252.3	20.1	57.2	118.1	13.70		
29972	Soil	359	18	46.0	2.3	19.4	7.9	67.2	36.4	2	194.6	2.5	8.2	1.6	285	11.2	302.7	23.2	53.0	107.7	13.18		
29973	Soil	402	6	41.5	2.9	19.6	6.4	45.4	41.5	2	362.0	2.3	5.4	1.2	289	5.2	245.1	24.2	45.1	96.4	12.52		
29974	Soil	536	11	45.5	2.2	23.2	7.2	57.0	36.2	2	210.1	2.8	7.3	1.0	373	6.0	297.7	25.1	60.8	123.6	14.46		
29975	Soil	408	7	38.9	1.6	19.3	7.5	41.8	39.6	2	172.2	2.2	7.7	0.8	274	3.0	250.3	23.1	51.3	106.2	12.53		
38926	Soil	468	5	45.6	2.4	21.1	6.7	47.7	53.4	2	175.0	2.1	9.9	1.0	287	10.6	235.7	26.9	39.1	83.6	10.18		
38927	Soil	468	9	41.3	1.2	19.0	6.4	64.9	43.3	2	196.3	2.7	9.4	0.7	364	4.1	264.3	40.9	69.7	139.7	16.93		
38928	Soil	403	8	48.1	2.2	20.5	7.7	56.6	35.8	3	181.4	2.9	8.1	0.8	325	7.5	324.4	46.2	80.5	161.5	19.73		
38929	Soil	492	13	42.5	2.2	19.7	7.3	46.9	38.4	2	151.0	2.6	6.1	0.7	336	5.8	319.2	34.7	59.2	120.6	15.24		
38930	Soil	625	2	26.8	1.5	19.1	6.8	27.3	59.0	1	275.3	1.7	9.4	2.1	205	4.0	243.1	22.5	44.8	92.2	11.46		
38931	Soil	514	2	33.2	1.3	20.0	7.7	33.5	55.7	2	199.1	1.9	6.9	1.2	218	3.3	256.5	22.3	29.3	69.2	7.08		
38932	Soil	700	3	18.8	1.5	18.0	6.8	20.9	74.4	1	264.3	1.3	7.9	1.4	141	2.0	219.3	19.0	35.8	74.8	8.64		
38933	Soil	676	2	20.2	1.3	17.1	7.6	22.5	69.5	1	289.1	1.3	10.3	1.6	126	2.7	251.4	20.3	42.7	86.3	10.14		
38934	Soil	697	2	22.7	1.1	17.1	6.9	25.6	66.2	1	297.3	1.5	9.8	1.5	142	3.3	237.8	23.1	47.9	100.0	11.99		
38935	Soil	587	3	23.2	1.0	21.1	8.1	51.3	65.5	2	218.2	3.0	10.9	1.3	165	5.6	300.6	31.2	61.9	124.7	15.07		
38936	Soil	696	1	14.1	0.9	15.2	8.0	13.3	63.8	1	388.1	1.0	7.3	1.1	96	<0.5	250.3	15.6	31.1	65.2	7.57		

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**Project: ELDOR CARBONATITE**  
**Report Date: November 22, 2007**

**Page: 21 of 22 Part 2**

**CERTIFICATE OF ANALYSIS**

**VAN07000611.1**

Method	Analyte	Unit	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
			Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
29957	Soil		220.8	29.27	7.74	16.99	2.67	11.85	1.87	4.45	0.65	3.59	0.43	6.1	25.9	13.5	100	47.4	2.9	0.5	<0.1	0.1
29958	Soil		205.6	29.50	7.77	17.15	2.70	11.97	1.93	4.33	0.58	2.88	0.35	10.2	39.9	17.8	106	127.1	1.7	0.7	<0.1	0.1
29959	Soil		337.2	42.59	11.04	23.04	3.51	15.26	2.45	5.70	0.82	4.47	0.58	77.8	47.1	21.3	267	82.8	3.4	0.7	0.1	0.2
29960	Soil		387.6	55.74	14.71	33.94	4.92	21.96	3.43	7.80	1.16	5.98	0.76	7.2	40.8	27.8	118	57.3	4.0	0.7	<0.1	0.2
29961	Soil		170.5	25.90	7.54	17.77	2.74	12.16	1.96	4.50	0.68	3.44	0.43	5.3	59.1	15.0	114	48.2	1.7	0.3	<0.1	<0.1
29962	Soil		198.1	26.20	7.07	14.66	2.32	10.36	1.68	3.96	0.59	3.10	0.39	4.1	61.0	12.9	126	59.1	1.9	0.3	<0.1	<0.1
29963	Soil		223.8	31.78	8.44	18.60	2.83	12.68	1.99	4.99	0.69	3.86	0.47	4.5	57.2	15.7	134	51.4	2.2	0.4	<0.1	0.1
29964	Soil		257.4	36.05	9.14	19.81	2.96	12.90	2.03	4.70	0.68	3.67	0.48	5.8	64.8	31.2	165	55.8	3.3	0.5	0.1	0.2
29965	Soil		130.4	19.66	5.18	11.91	1.89	9.08	1.58	4.08	0.66	3.25	0.45	4.3	64.7	16.4	115	46.0	1.8	0.1	<0.1	0.2
29966	Soil		405.0	55.77	14.58	30.58	4.64	20.29	3.29	7.69	1.08	5.78	0.75	12.6	62.7	46.7	217	52.2	5.1	0.7	0.2	0.4
29967	Soil		251.3	35.98	9.61	21.10	3.09	14.73	2.37	5.19	0.78	3.97	0.49	15.9	78.9	33.2	147	48.1	4.9	0.4	0.1	0.4
29968	Soil		566.1	64.97	13.95	24.80	3.51	15.19	2.29	5.31	0.81	4.36	0.54	37.5	45.5	100.5	493	77.5	5.3	0.4	0.2	1.1
29969	Soil		141.4	18.23	4.39	8.48	1.23	5.74	0.85	2.14	0.31	1.89	0.27	19.8	14.8	32.0	114	33.7	2.0	0.1	<0.1	0.3
29970	Soil		47.8	7.52	2.11	5.48	0.87	4.66	0.94	2.76	0.43	2.73	0.37	2.7	34.3	11.7	138	48.9	<0.5	0.1	<0.1	<0.1
29971	Soil		54.3	8.53	2.25	5.67	0.86	3.96	0.76	2.01	0.26	1.75	0.27	1.3	88.7	8.8	100	61.3	1.7	<0.1	<0.1	<0.1
29972	Soil		52.0	8.18	2.39	5.91	0.92	4.35	0.85	2.27	0.34	1.95	0.27	1.3	114.8	7.6	137	64.1	0.6	<0.1	<0.1	<0.1
29973	Soil		50.6	9.01	2.56	6.60	1.01	5.05	0.87	2.40	0.34	2.02	0.28	1.2	156.1	7.4	116	60.5	0.5	0.1	<0.1	<0.1
29974	Soil		56.2	9.22	2.56	6.71	1.00	5.16	0.98	2.59	0.38	2.18	0.29	0.5	86.7	7.2	100	63.1	0.6	<0.1	<0.1	<0.1
29975	Soil		50.8	8.31	2.30	5.94	0.93	4.45	0.88	2.20	0.33	2.07	0.27	0.6	62.8	8.5	84	50.9	0.8	0.1	<0.1	<0.1
38926	Soil		43.0	7.51	2.27	6.34	1.03	5.38	1.00	2.77	0.40	2.75	0.37	0.4	71.6	8.6	120	52.1	0.7	0.1	<0.1	<0.1
38927	Soil		66.0	12.37	3.76	10.11	1.59	8.17	1.44	3.75	0.53	2.94	0.41	0.4	169.7	8.3	90	50.4	0.8	0.2	<0.1	<0.1
38928	Soil		80.5	13.97	4.48	11.71	1.85	9.53	1.76	4.41	0.67	3.77	0.53	0.3	133.6	6.4	99	70.9	0.5	<0.1	<0.1	<0.1
38929	Soil		60.4	10.88	3.07	8.12	1.33	6.84	1.25	3.18	0.47	2.79	0.39	0.3	180.9	5.4	90	62.3	<0.5	<0.1	<0.1	<0.1
38930	Soil		44.3	7.81	1.98	5.66	0.91	4.15	0.79	2.09	0.32	1.84	0.26	1.0	100.1	6.9	74	39.5	1.5	0.1	<0.1	<0.1
38931	Soil		26.2	5.11	1.43	4.22	0.77	4.47	0.84	2.29	0.34	1.95	0.24	0.8	73.1	6.8	66	36.4	1.6	<0.1	<0.1	<0.1
38932	Soil		33.9	5.90	1.51	4.16	0.67	3.67	0.65	1.82	0.28	1.63	0.23	0.6	42.3	7.3	51	35.5	2.1	<0.1	<0.1	<0.1
38933	Soil		38.9	6.40	1.62	4.65	0.76	4.01	0.70	1.95	0.28	1.75	0.24	0.6	39.3	6.9	54	35.6	2.0	<0.1	<0.1	<0.1
38934	Soil		46.6	7.87	2.06	5.81	0.87	4.47	0.80	2.22	0.33	1.99	0.25	0.9	41.2	7.0	53	31.7	2.1	<0.1	<0.1	<0.1
38935	Soil		58.9	10.22	2.62	7.71	1.16	5.77	1.11	2.98	0.45	2.66	0.36	1.6	67.3	6.7	66	36.4	1.4	<0.1	<0.1	<0.1
38936	Soil		30.7	5.25	1.37	3.84	0.58	2.99	0.58	1.52	0.22	1.33	0.19	0.3	50.5	5.0	29	20.3	1.4	<0.1	<0.1	<0.1

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**Project:**

ELDOR CARBONATITE

**Report Date:**

November 22, 2007

**Page:**

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## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	Analyte	Unit	MDL	1DX Ag	1DX Au	1DX Hg	1DX Tl	1DX Se
				ppm	ppb	ppm	ppm	ppm
29957	Soil		0.1	<0.5	0.02	0.2	1.1	
29958	Soil		0.2	1.3	0.05	0.3	0.7	
29959	Soil		<0.1	2.3	0.06	0.3	2.2	
29960	Soil		<0.1	7.5	0.04	0.2	0.9	
29961	Soil		<0.1	0.6	0.02	0.2	0.5	
29962	Soil		<0.1	1.1	0.01	0.2	0.5	
29963	Soil		<0.1	2.7	0.02	0.2	<0.5	
29964	Soil		<0.1	1.8	0.04	0.3	0.9	
29965	Soil		<0.1	0.9	0.01	0.1	<0.5	
29966	Soil		<0.1	1.3	0.03	0.4	1.6	
29967	Soil		<0.1	1.1	0.03	0.3	1.1	
29968	Soil		0.1	2.3	0.07	0.4	1.0	
29969	Soil		<0.1	0.5	0.01	0.2	<0.5	
29970	Soil		<0.1	4.4	0.01	<0.1	<0.5	
29971	Soil		<0.1	0.9	<0.01	0.1	<0.5	
29972	Soil		<0.1	0.6	0.02	<0.1	0.7	
29973	Soil		<0.1	2.9	0.02	<0.1	0.7	
29974	Soil		<0.1	1.0	<0.01	<0.1	<0.5	
29975	Soil		<0.1	<0.5	<0.01	<0.1	<0.5	
38926	Soil		<0.1	0.7	0.01	<0.1	<0.5	
38927	Soil		<0.1	1.0	<0.01	<0.1	0.8	
38928	Soil		<0.1	1.4	<0.01	<0.1	0.9	
38929	Soil		<0.1	2.6	<0.01	<0.1	0.5	
38930	Soil		<0.1	1.5	0.03	<0.1	<0.5	
38931	Soil		<0.1	<0.5	<0.01	<0.1	<0.5	
38932	Soil		<0.1	<0.5	0.02	<0.1	<0.5	
38933	Soil		<0.1	<0.5	0.01	<0.1	<0.5	
38934	Soil		<0.1	<0.5	0.01	<0.1	<0.5	
38935	Soil		<0.1	<0.5	0.01	<0.1	<0.5	
38936	Soil		<0.1	<0.5	<0.01	<0.1	<0.5	

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# CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
Analyte	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
38937	Soil	764	1	11.2	0.9	15.9	9.1	10.3	68.9	<1	413.0	0.7	9.9	1.3	79	<0.5	292.3	16.9	35.5	71.0	8.35
38938	Soil	687	2	12.2	0.9	16.1	9.7	17.2	65.6	1	372.1	1.0	11.5	1.4	94	0.8	339.8	19.1	39.0	82.5	9.58
38939	Soil	600	2	25.7	1.7	20.0	6.6	44.3	99.4	2	205.6	2.5	9.4	1.5	185	5.2	235.6	27.1	40.3	92.2	10.14
28728	Soil	755	7	31.8	1.4	16.1	5.6	764.0	77.5	5	774.3	21.0	41.3	11.3	159	9.4	216.4	94.8	501.2	969.7	113.1



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**CERTIFICATE OF ANALYSIS** **VAN07000611.1**

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	
38937	Soil	30.1	5.73	1.27	3.78	0.60	3.11	0.58	1.56	0.22	1.42	0.21	0.3	40.6	5.3	24	19.7	1.4	<0.1	<0.1	<0.1
38938	Soil	35.8	6.65	1.44	4.79	0.73	3.80	0.70	1.82	0.27	1.66	0.23	1.2	38.1	5.5	25	20.2	1.7	<0.1	<0.1	<0.1
38939	Soil	40.9	7.60	1.98	5.93	0.99	5.65	1.01	2.72	0.43	2.37	0.34	1.0	43.0	6.4	70	36.6	1.5	<0.1	<0.1	<0.1
28728	Soil	418.2	59.78	16.35	36.08	5.11	22.86	3.52	8.04	1.08	5.93	0.77	6.7	38.9	34.0	112	56.6	4.5	0.5	0.1	0.2

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## CERTIFICATE OF ANALYSIS

VAN07000611.1

Method	1DX	1DX	1DX	1DX	1DX	
Analyte	Ag	Au	Hg	Tl	Se	
Unit	ppm	ppb	ppm	ppm	ppm	
MDL	0.1	0.5	0.01	0.1	0.5	
38937	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38938	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
38939	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
28728	Soil	0.1	2.0	0.02	0.2	1.8



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QUALITY CONTROL REPORT

VAN07000611.1

Method	Analyte	4B Ba	4B Be	4B Co	4B Cs	4B Ga	4B Hf	4B Nb	4B Rb	4B Sn	4B Sr	4B Ta	4B Th	4B U	4B V	4B W	4B Zr	4B Y	4B La	4B Ce	4B Pr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1
Pulp Duplicates																					
28612	Soil	841	2	12.4	1.9	16.4	4.9	6.7	91.3	1	305.0	0.5	8.1	1.4	74	<0.5	158.7	11.2	22.5	39.0	5.11
REP 28612	QC	829	1	12.9	1.8	17.3	4.4	6.4	90.6	1	311.6	0.5	8.4	1.2	76	<0.5	146.4	9.3	20.7	33.7	4.50
28627	Soil	703	2	13.0	1.6	15.6	4.9	11.0	84.1	<1	298.0	0.6	8.2	1.2	75	0.6	172.0	10.9	25.3	49.7	5.77
REP 28627	QC																				
28649	Soil	631	2	21.1	1.3	15.7	5.1	48.1	67.3	1	260.1	1.7	11.0	1.3	115	5.0	185.1	18.1	51.0	94.1	11.56
REP 28649	QC	617	2	19.4	1.2	15.7	5.7	57.4	66.1	1	259.9	1.8	10.9	1.4	114	5.1	210.9	17.1	47.4	88.5	11.04
28665	Soil	460	4	40.0	1.7	13.7	4.0	325.5	35.2	2	354.2	4.9	20.4	2.8	236	6.3	173.9	32.9	82.1	159.9	20.56
REP 28665	QC																				
28701	Soil	669	3	22.6	1.0	15.9	6.8	107.1	45.2	2	281.4	3.1	27.6	2.6	146	0.9	248.4	30.7	93.6	198.9	21.62
REP 28701	QC																				
28708	Soil	827	6	21.7	1.6	14.8	4.9	105.2	55.4	2	176.4	4.2	17.1	5.3	162	1.2	195.3	28.3	45.0	111.3	10.50
REP 28708	QC	847	6	22.8	1.8	14.5	5.5	110.3	59.4	2	173.7	4.3	18.8	5.6	162	1.6	205.6	28.2	44.5	113.2	10.63
28781	Soil	676	1	9.3	1.3	14.7	4.0	20.3	77.5	<1	357.4	0.7	9.1	2.7	62	0.6	151.4	13.1	37.6	72.5	8.94
REP 28781	QC	687	1	10.5	1.5	14.7	4.3	22.4	79.6	1	352.5	0.7	9.7	2.5	61	0.6	161.0	13.4	35.2	68.3	8.39
28791	Soil	637	3	17.0	1.0	12.8	5.5	339.0	58.5	2	450.7	28.3	36.8	20.7	154	4.1	247.0	69.1	253.1	457.8	60.16
REP 28791	QC																				
28763	Soil	285	4	17.3	1.1	8.6	2.4	22.0	18.9	1	185.9	0.8	4.1	75.4	109	4.4	78.6	41.3	125.4	272.6	38.46
REP 28763	QC	316	4	18.5	1.0	8.3	2.2	23.1	18.6	1	180.6	0.8	4.4	75.5	110	4.3	76.6	38.0	117.2	257.0	36.64
28773	Soil	691	9	24.8	0.9	10.2	5.5	246.9	32.0	4	628.8	10.9	29.4	5.5	189	1.7	274.7	57.3	244.0	411.4	50.63
REP 28773	QC																				
38827	Soil	542	<1	44.5	0.9	20.8	6.4	32.8	51.0	2	177.1	2.2	5.8	1.0	237	1.3	231.8	23.6	33.7	65.9	8.93
REP 38827	QC	514	<1	42.8	0.9	19.8	6.7	30.9	50.1	2	165.9	1.9	5.5	0.9	223	1.8	226.7	22.0	30.2	60.6	7.97
38846	Soil	633	7	20.4	1.7	15.3	3.7	143.1	71.7	2	373.8	3.9	22.0	2.7	96	1.7	145.2	31.8	138.1	255.7	32.34
REP 38846	QC																				
38847	Soil	724	3	20.4	1.4	14.5	5.5	654.0	71.9	4	576.9	6.6	30.6	3.9	111	3.2	206.4	60.6	304.3	523.0	71.15
REP 38847	QC	710	3	20.7	1.4	13.7	5.0	737.3	69.4	4	685.4	6.4	33.9	3.9	108	3.2	198.9	75.5	315.8	541.3	76.14
28845	Soil	558	6	46.5	2.2	18.1	4.2	140.3	47.6	3	238.0	2.7	40.5	3.1	231	4.8	143.9	58.1	215.6	335.6	40.90
REP 28845	QC																				

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Project: ELDOR CARBONATITE  
Report Date: November 22, 2007

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## QUALITY CONTROL REPORT

VAN07000611.1

Method	Analyte	Unit	MDL	4B Nd	4B Sm	4B Eu	4B Gd	4B Tb	4B Dy	4B Ho	4B Er	4B Tm	4B Yb	4B Lu	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ni	1DX As	1DX Cd	1DX Sb	1DX Bi
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Pulp Duplicates																							
28612	Soil			20.8	3.57	0.88	2.64	0.40	2.37	0.47	1.43	0.22	1.43	0.22	0.7	12.5	7.3	41	22.2	1.8	<0.1	<0.1	<0.1
REP 28612	QC			18.4	3.25	0.85	2.44	0.37	1.93	0.38	1.12	0.19	0.99	0.16									
28627	Soil			22.1	3.50	0.93	2.63	0.42	2.03	0.39	1.12	0.16	1.08	0.16	1.0	14.8	6.9	36	24.1	2.0	0.1	<0.1	<0.1
REP 28627	QC														0.8	14.6	6.9	37	24.3	2.1	<0.1	<0.1	<0.1
28649	Soil			44.6	6.70	1.74	4.91	0.65	3.71	0.62	1.74	0.27	1.68	0.24	4.0	60.6	6.4	43	33.0	1.0	<0.1	<0.1	<0.1
REP 28649	QC			41.9	6.36	1.68	4.50	0.60	3.37	0.59	1.62	0.24	1.68	0.24									
28665	Soil			80.6	12.72	3.52	9.14	1.29	6.77	1.18	2.98	0.44	2.65	0.37	4.0	178.9	10.7	83	108.7	0.9	0.3	<0.1	<0.1
REP 28665	QC														3.8	182.4	10.4	83	104.3	0.8	0.3	<0.1	<0.1
28701	Soil			80.0	12.29	3.45	9.10	1.34	6.81	1.15	3.02	0.37	2.29	0.33	2.1	21.0	17.2	46	27.9	2.4	0.1	0.1	0.1
REP 28701	QC														2.3	22.5	17.4	47	28.3	2.4	0.1	0.1	0.1
28708	Soil			37.1	6.08	1.94	5.39	0.96	5.39	1.05	2.98	0.42	2.57	0.37	23.7	38.1	23.6	92	33.5	39.5	0.2	0.9	0.2
REP 28708	QC			37.5	6.41	1.92	5.50	0.85	5.68	1.06	2.98	0.48	2.77	0.39									
28781	Soil			30.5	4.62	1.10	2.98	0.45	2.29	0.40	1.16	0.18	1.18	0.17	3.3	15.7	6.6	33	22.7	1.1	<0.1	<0.1	<0.1
REP 28781	QC			30.9	4.62	1.02	3.05	0.47	2.44	0.42	1.26	0.19	1.12	0.17									
28791	Soil			218.0	29.86	8.48	20.41	2.95	14.54	2.49	6.05	0.81	4.69	0.64	4.7	23.2	13.0	93	39.9	3.0	0.3	0.1	<0.1
REP 28791	QC														5.0	24.1	13.6	93	41.5	3.1	0.3	0.1	<0.1
28763	Soil			150.0	24.02	6.08	16.59	2.40	11.02	1.78	4.25	0.61	3.82	0.56	6.9	65.4	3.0	260	51.8	8.2	0.6	<0.1	<0.1
REP 28763	QC			142.2	23.90	5.99	16.00	2.31	10.84	1.68	4.19	0.59	3.67	0.53									
28773	Soil			189.9	32.65	6.79	21.53	2.62	13.75	2.06	4.90	0.65	3.62	0.50	3.3	76.4	25.1	125	48.0	4.0	0.4	0.2	0.2
REP 28773	QC														3.2	76.6	24.6	123	50.4	4.1	0.5	0.1	0.2
38827	Soil			37.1	6.62	1.99	5.30	0.85	4.16	0.83	2.30	0.29	1.93	0.29	0.8	50.2	4.6	75	41.8	1.4	<0.1	<0.1	<0.1
REP 38827	QC			33.2	5.67	1.82	4.74	0.77	3.97	0.76	2.02	0.28	1.76	0.28									
38846	Soil			128.4	19.78	5.44	12.72	1.87	8.72	1.41	3.61	0.42	2.58	0.37	7.5	25.1	19.3	74	81.7	2.6	0.3	0.1	0.1
REP 38846	QC														8.4	25.2	23.0	75	78.7	2.7	0.2	0.1	0.1
38847	Soil			279.1	38.98	10.53	25.61	3.32	14.75	2.26	5.29	0.66	3.87	0.51	9.9	27.0	24.4	159	43.1	3.8	0.6	0.1	0.2
REP 38847	QC			306.7	44.41	12.03	29.37	4.07	18.76	2.87	6.46	0.77	4.55	0.58									
28845	Soil			150.6	21.34	6.02	13.41	2.18	11.53	2.10	5.52	0.77	4.70	0.63	3.6	95.6	15.2	126	158.7	0.8	0.4	<0.1	0.1
REP 28845	QC														3.8	92.0	15.8	132	166.7	1.0	0.4	<0.1	0.1



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## QUALITY CONTROL REPORT

VAN07000611.1

Method	1DX	1DX	1DX	1DX	1DX	
Analyte	Ag	Au	Hg	TI	Se	
Unit	ppm	ppb	ppm	ppm	ppm	
MDL	0.1	0.5	0.01	0.1	0.5	
Pulp Duplicates						
28612	Soil	<0.1	0.5	0.01	<0.1	<0.5
REP 28612	QC					
28627	Soil	<0.1	<0.5	0.01	<0.1	<0.5
REP 28627	QC	<0.1	1.1	<0.01	<0.1	<0.5
28649	Soil	<0.1	<0.5	0.02	<0.1	<0.5
REP 28649	QC					
28665	Soil	0.4	1.2	0.09	<0.1	0.6
REP 28665	QC	0.3	1.4	0.11	<0.1	0.7
28701	Soil	<0.1	<0.5	0.02	<0.1	0.6
REP 28701	QC	<0.1	1.0	0.03	<0.1	0.5
28708	Soil	<0.1	<0.5	0.06	0.2	0.9
REP 28708	QC					
28781	Soil	<0.1	0.8	0.03	<0.1	<0.5
REP 28781	QC					
28791	Soil	0.1	1.4	0.02	0.1	1.3
REP 28791	QC	0.1	0.6	0.03	0.1	1.1
28763	Soil	<0.1	0.8	<0.01	<0.1	3.3
REP 28763	QC					
28773	Soil	0.1	<0.5	<0.01	0.2	1.1
REP 28773	QC	0.1	<0.5	0.02	0.2	0.9
38827	Soil	<0.1	0.6	0.01	<0.1	<0.5
REP 38827	QC					
38846	Soil	<0.1	0.7	0.02	0.2	<0.5
REP 38846	QC	<0.1	1.0	0.01	0.2	<0.5
38847	Soil	<0.1	3.2	0.02	0.2	0.5
REP 38847	QC					
28845	Soil	0.2	<0.5	0.03	0.1	1.1
REP 28845	QC	0.2	1.7	0.03	0.1	1.1

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**QUALITY CONTROL REPORT**

**VAN07000611.1**

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm
38917	Soil	622	2	18.4	1.2	13.6	3.5	198.0	69.1	2	338.2	3.1	17.7	1.9	83	2.4	129.5	33.2	131.8	238.5	28.86
REP 38917	QC	609	4	18.1	1.2	13.5	4.0	187.6	71.2	2	333.5	3.0	16.4	2.2	83	2.3	130.6	32.1	129.0	235.7	28.30
38923	Soil	665	<1	11.4	2.2	12.4	3.3	32.5	77.4	1	323.3	0.6	11.2	21.8	62	0.7	105.8	15.6	44.8	65.3	10.62
REP 38923	QC																				
39355	Soil	700	<1	11.5	1.4	14.9	3.7	50.3	78.9	1	325.4	1.1	8.1	1.0	70	0.6	132.2	12.6	34.1	67.7	7.76
REP 39355	QC																				
28874	Soil	628	4	13.7	1.8	15.4	5.0	29.1	86.4	2	121.6	1.9	12.0	2.4	123	1.3	173.4	22.9	42.1	79.8	9.95
REP 28874	QC	650	4	13.9	2.0	15.0	4.6	28.2	86.3	2	121.7	1.8	11.4	2.8	125	1.2	176.9	22.5	45.1	83.7	10.37
38812	Soil	605	<1	14.8	2.0	16.1	3.7	9.3	73.9	1	274.1	0.6	7.8	1.1	85	<0.5	121.4	10.8	25.1	52.1	5.84
REP 38812	QC																				
38892	Soil	625	7	17.1	1.5	15.8	5.3	117.5	68.9	2	299.5	2.2	16.7	2.0	102	2.0	184.4	22.1	108.0	197.7	21.23
REP 38892	QC	594	5	16.3	1.6	15.8	4.9	117.6	65.8	1	294.8	2.0	16.5	1.8	98	2.0	169.4	20.6	106.9	193.2	20.74
28878	Soil	556	2	37.2	1.1	15.6	5.5	102.3	43.6	3	240.6	5.2	13.6	2.0	178	1.7	217.7	36.5	92.1	203.5	21.81
REP 28878	QC																				
38896	Soil	461	6	43.7	1.0	15.6	5.5	143.8	35.7	3	201.2	5.4	32.2	2.4	230	3.6	234.7	39.5	216.6	430.9	40.48
REP 38896	QC	446	6	42.5	1.1	14.1	5.4	147.0	35.2	3	201.7	5.7	28.0	2.3	232	3.4	240.1	39.4	213.5	429.3	40.76
28905	Soil	208	37	25.4	0.9	13.5	4.9	78.8	17.8	2	278.5	2.5	16.3	7.4	332	10.8	167.8	21.3	48.3	90.1	11.95
REP 28905	QC																				
28932	Soil	779	7	22.0	2.0	14.2	4.6	344.3	74.7	6	438.2	7.8	104.2	4.5	132	5.3	177.4	79.4	539.3	997.8	116.7
REP 28932	QC	789	11	23.9	2.0	14.8	4.7	346.2	76.4	6	443.9	7.6	100.6	4.1	136	6.2	175.5	73.5	543.5	1016	117.8
29830	Soil	368	4	51.2	1.8	23.1	8.0	78.9	17.8	2	113.1	4.1	8.4	1.6	390	1.2	417.1	44.6	57.7	117.7	15.32
REP 29830	QC	356	4	52.9	1.8	22.4	8.1	79.4	17.6	2	103.5	4.5	9.1	1.5	380	1.6	402.2	42.0	54.4	109.3	14.12
29853	Soil	593	6	16.4	2.3	12.1	3.7	177.0	65.7	2	350.8	2.8	27.1	8.5	97	1.7	163.8	34.6	173.1	320.1	37.50
REP 29853	QC																				
29865	Soil	799	14	20.9	1.5	13.8	5.1	247.9	51.1	4	395.0	3.6	45.2	3.2	113	1.2	191.2	52.2	219.4	479.2	51.12
REP 29865	QC																				
28726	Soil	694	1	8.3	1.1	13.8	4.5	6.0	82.7	<1	317.5	0.3	5.3	1.1	50	0.5	170.2	10.6	21.5	42.3	4.88
REP 28726	QC	733	2	9.2	1.3	14.4	5.4	5.2	87.1	<1	333.8	0.3	7.9	1.2	57	0.7	159.1	10.3	23.0	46.1	5.41
29880	Soil	574	2	13.5	1.3	14.4	3.9	178.0	65.3	2	444.4	5.1	30.5	4.3	89	1.7	149.2	43.0	239.9	478.0	57.14





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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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Part 2

## QUALITY CONTROL REPORT

VAN07000611.1

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
38917	Soil	108.7	16.13	4.32	11.68	1.66	7.41	1.19	2.73	0.36	1.98	0.24	8.6	26.2	11.9	76	48.6	1.9	0.5	<0.1	<0.1
REP 38917	QC	107.4	15.92	4.43	11.68	1.64	7.55	1.24	2.77	0.37	1.95	0.26									
38923	Soil	40.0	5.76	1.47	4.21	0.60	2.68	0.48	1.37	0.19	1.26	0.17	9.8	22.5	8.9	64	30.6	2.1	0.2	<0.1	0.1
REP 38923	QC												9.5	24.5	8.8	66	31.0	1.9	0.2	<0.1	<0.1
39355	Soil	28.7	4.73	1.23	2.81	0.51	2.18	0.39	1.10	0.19	1.11	0.16	1.7	8.1	7.3	31	18.8	1.7	<0.1	<0.1	<0.1
REP 39355	QC												1.6	8.3	6.9	32	19.6	1.7	<0.1	<0.1	<0.1
28874	Soil	38.0	6.41	1.65	4.65	0.63	4.31	0.79	2.20	0.35	2.21	0.32	2.0	27.4	10.3	48	29.5	4.4	0.2	0.1	<0.1
REP 28874	QC	39.6	6.29	1.60	4.43	0.64	4.20	0.78	2.18	0.37	2.10	0.30									
38812	Soil	21.4	3.33	0.81	2.22	0.39	1.96	0.36	1.01	0.18	1.04	0.16	0.9	20.8	12.7	51	38.8	3.4	0.2	<0.1	<0.1
REP 38812	QC												0.8	19.5	11.5	48	38.2	3.1	0.2	<0.1	<0.1
38892	Soil	72.4	10.70	2.79	5.92	1.00	4.57	0.80	2.09	0.30	1.80	0.27	5.1	17.6	11.3	51	57.4	2.0	0.1	<0.1	<0.1
REP 38892	QC	69.2	10.41	2.75	5.43	0.91	4.27	0.76	1.95	0.31	1.71	0.23									
28878	Soil	82.9	14.25	3.77	9.51	1.50	7.81	1.30	3.53	0.49	2.91	0.42	1.0	44.6	11.8	88	63.0	1.3	0.3	<0.1	<0.1
REP 28878	QC												1.0	43.5	11.9	93	62.6	1.1	0.2	<0.1	<0.1
38896	Soil	139.6	19.54	5.48	11.69	1.90	9.48	1.53	3.60	0.52	3.04	0.41	3.5	30.5	19.0	126	82.0	2.2	0.5	<0.1	0.1
REP 38896	QC	139.6	19.18	5.23	11.58	1.93	9.26	1.55	3.64	0.59	2.88	0.40									
28905	Soil	45.8	7.13	2.01	5.06	0.81	3.92	0.75	2.10	0.38	2.36	0.35	2.9	15.2	7.7	63	71.2	0.6	0.2	<0.1	<0.1
REP 28905	QC												3.0	14.4	7.9	56	67.9	0.7	0.2	<0.1	<0.1
28932	Soil	397.8	54.88	15.56	29.35	4.69	20.83	3.18	6.75	0.83	4.93	0.65	20.2	26.9	49.6	172	72.6	4.0	0.4	0.1	0.4
REP 28932	QC	402.2	55.63	15.22	27.99	4.31	18.11	2.70	5.72	0.77	4.47	0.61									
29830	Soil	61.4	11.75	3.29	9.58	1.58	8.92	1.63	4.26	0.63	3.89	0.61	1.0	83.3	5.8	74	51.9	0.8	0.1	<0.1	<0.1
REP 29830	QC	55.8	10.58	3.13	8.94	1.56	8.89	1.54	4.09	0.62	3.67	0.61									
29853	Soil	130.3	19.18	4.70	10.48	1.59	7.83	1.31	3.11	0.42	2.39	0.35	7.9	44.6	17.1	141	50.1	2.1	0.4	<0.1	0.1
REP 29853	QC												7.8	41.6	16.4	141	49.3	1.4	0.4	<0.1	0.1
29865	Soil	177.2	28.24	7.36	16.54	2.76	13.24	2.11	4.58	0.69	3.32	0.44	4.5	14.1	34.5	75	39.5	2.2	0.2	<0.1	0.3
REP 29865	QC												5.8	15.3	34.5	72	44.3	2.3	0.2	<0.1	0.3
28726	Soil	16.2	2.99	0.67	2.00	0.32	1.66	0.35	1.07	0.17	0.91	0.14	0.6	8.3	7.1	30	15.4	1.5	<0.1	<0.1	<0.1
REP 28726	QC	16.1	3.04	0.75	2.16	0.36	1.92	0.33	1.00	0.15	0.87	0.14									
29880	Soil	197.7	28.67	7.05	14.37	2.30	8.98	1.46	3.45	0.51	2.81	0.34	5.8	12.5	12.8	81	31.4	2.3	0.4	<0.1	0.1

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

Page: 2 of 7 Part 3

## QUALITY CONTROL REPORT

VAN07000611.1

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX TI ppm 0.1	1DX Se ppm 0.5
38917	Soil	<0.1	<0.5	0.02	0.1	0.8
REP 38917	QC					
38923	Soil	<0.1	0.8	0.06	<0.1	0.8
REP 38923	QC	0.1	0.5	0.06	0.1	1.2
39355	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
REP 39355	QC	<0.1	<0.5	0.01	<0.1	<0.5
28874	Soil	<0.1	2.1	0.05	<0.1	0.8
REP 28874	QC					
38812	Soil	<0.1	<0.5	0.03	0.1	<0.5
REP 38812	QC	<0.1	0.8	0.02	0.1	<0.5
38892	Soil	<0.1	<0.5	0.01	0.1	<0.5
REP 38892	QC					
28878	Soil	<0.1	0.8	0.01	<0.1	<0.5
REP 28878	QC	<0.1	<0.5	0.02	<0.1	<0.5
38896	Soil	<0.1	1.2	0.01	0.1	0.9
REP 38896	QC					
28905	Soil	0.1	2.0	0.04	<0.1	2.0
REP 28905	QC	0.1	1.5	0.05	<0.1	2.0
28932	Soil	<0.1	1.0	0.03	0.4	1.2
REP 28932	QC					
29830	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
REP 29830	QC					
29853	Soil	0.2	0.6	0.07	0.2	1.6
REP 29853	QC	0.1	0.6	0.07	0.2	1.4
29865	Soil	<0.1	<0.5	0.02	0.1	1.0
REP 29865	QC	<0.1	<0.5	0.02	0.1	1.0
28726	Soil	<0.1	<0.5	<0.01	<0.1	<0.5
REP 28726	QC					
29880	Soil	<0.1	0.9	0.02	0.1	<0.5



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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

Page: 3 of 7 Part 1

QUALITY CONTROL REPORT

VAN07000611.1

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm
REP 29880	QC	641	3	13.6	1.4	16.0	3.8	203.3	66.3	2	435.5	4.7	30.7	4.0	89	1.5	143.6	42.9	241.2	482.6	56.82
29923	Soil	497	12	37.9	1.4	14.0	11.5	1112	62.5	15	882.7	80.5	81.7	58.7	138	6.4	627.5	114.6	437.8	899.4	105.2
REP 29923	QC	487	8	36.8	1.3	13.7	12.9	1125	58.9	15	856.3	86.1	75.6	62.3	134	6.4	652.1	108.3	423.5	860.5	101.2
29951	Soil	636	8	21.4	1.9	15.7	5.7	264.2	70.7	3	337.6	10.1	29.9	5.9	137	2.7	194.5	34.0	172.6	387.0	42.18
REP 29951	QC																				
29958	Soil	336	7	45.8	2.6	12.6	4.5	229.9	32.4	4	311.2	11.4	26.0	10.0	205	6.1	190.6	48.2	286.2	509.6	57.08
REP 29958	QC																				
29973	Soil	402	6	41.5	2.9	19.6	6.4	45.4	41.5	2	362.0	2.3	5.4	1.2	289	5.2	245.1	24.2	45.1	96.4	12.52
REP 29973	QC	389	8	42.4	2.9	20.1	6.0	44.3	41.6	2	358.4	2.1	5.9	1.3	282	5.7	240.2	24.9	48.2	100.2	12.81
Reference Materials																					
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
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Project: ELDOR CARBONATITE  
Report Date: November 22, 2007

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**QUALITY CONTROL REPORT**

**VAN07000611.1**

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
REP 29880	QC	205.3	28.60	7.33	15.07	2.30	9.34	1.45	3.43	0.52	2.83	0.33									
29923	Soil	399.7	61.35	17.94	44.03	6.29	29.12	4.42	10.03	1.40	7.05	0.85	21.7	12.1	32.4	143	45.5	6.5	0.6	0.2	0.2
REP 29923	QC	386.3	59.08	16.86	41.63	5.98	27.85	4.33	9.65	1.36	6.86	0.81									
29951	Soil	160.6	23.09	5.96	12.49	1.84	7.64	1.24	2.98	0.47	2.56	0.35	13.5	18.2	16.5	108	39.9	3.5	0.3	0.1	0.1
REP 29951	QC												12.1	19.2	15.8	106	39.4	3.3	0.3	<0.1	0.1
29958	Soil	205.6	29.50	7.77	17.15	2.70	11.97	1.93	4.33	0.58	2.88	0.35	10.2	39.9	17.8	106	127.1	1.7	0.7	<0.1	0.1
REP 29958	QC												9.7	37.1	17.2	106	126.4	1.5	0.6	<0.1	0.1
29973	Soil	50.6	9.01	2.56	6.60	1.01	5.05	0.87	2.40	0.34	2.02	0.28	1.2	156.1	7.4	116	60.5	0.5	0.1	<0.1	<0.1
REP 29973	QC	52.8	8.97	2.59	6.68	1.03	5.14	0.96	2.44	0.36	2.12	0.30									
Reference Materials																					
STD DS7	Standard												21.5	103.9	64.9	401	58.6	53.2	6.5	4.9	4.7
STD DS7	Standard												20.0	100.4	65.9	385	58.2	48.7	5.9	4.5	4.6
STD DS7	Standard												22.6	111.0	72.3	439	61.7	53.1	7.1	5.5	4.9
STD DS7	Standard												21.4	102.3	68.2	411	58.9	49.3	6.5	5.2	4.6
STD DS7	Standard												21.9	154.8	65.5	425	58.6	50.9	6.1	4.9	4.0
STD DS7	Standard												20.3	97.3	59.0	384	53.8	45.4	5.3	4.1	3.7
STD DS7	Standard												21.3	103.2	70.2	412	56.8	56.0	7.0	4.5	5.0
STD DS7	Standard												21.3	106.0	69.2	421	58.1	54.8	7.5	4.3	5.1
STD DS7	Standard												20.9	108.7	74.8	418	60.7	50.9	6.6	5.6	5.1
STD DS7	Standard												21.8	112.6	84.1	426	62.0	54.2	6.8	5.8	5.5
STD DS7	Standard												19.7	96.7	62.2	377	54.3	48.8	5.7	4.1	4.1
STD DS7	Standard												20.7	102.7	69.7	409	61.6	50.1	6.3	4.1	4.7
STD DS7	Standard												19.1	119.0	68.6	408	54.8	48.0	5.9	4.3	4.2
STD DS7	Standard												21.7	110.9	71.0	429	58.0	48.1	6.5	4.8	4.5
STD DS7	Standard												22.1	115.1	66.5	437	59.0	48.5	5.9	4.5	4.2
STD DS7	Standard												20.8	100.4	64.9	413	54.7	45.4	6.0	4.5	4.2
STD DS7	Standard												21.0	106.8	68.4	398	59.2	48.8	6.1	3.9	4.4
STD DS7	Standard												25.0	117.5	77.3	441	65.7	55.4	7.3	4.4	5.0
STD DS7	Standard												21.6	111.6	70.7	438	58.6	53.0	7.2	4.4	5.0

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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## QUALITY CONTROL REPORT

VAN07000611.1

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX TI ppm 0.1	1DX Se ppm 0.5
REP 29880	QC					
29923	Soil	<0.1	4.0	0.02	0.2	1.9
REP 29923	QC					
29951	Soil	<0.1	<0.5	0.02	0.2	0.6
REP 29951	QC	<0.1	<0.5	0.02	0.2	0.8
29958	Soil	0.2	1.3	0.05	0.3	0.7
REP 29958	QC	0.1	0.6	0.05	0.3	0.6
29973	Soil	<0.1	2.9	0.02	<0.1	0.7
REP 29973	QC					
Reference Materials						
STD DS7	Standard	0.9	68.1	0.21	4.4	3.3
STD DS7	Standard	0.9	58.7	0.19	4.1	3.4
STD DS7	Standard	0.8	48.5	0.21	4.7	3.9
STD DS7	Standard	0.8	48.6	0.19	4.3	3.5
STD DS7	Standard	0.8	60.1	0.19	4.4	3.7
STD DS7	Standard	0.7	58.2	0.18	4.1	3.7
STD DS7	Standard	0.8	57.4	0.20	4.4	4.0
STD DS7	Standard	0.8	55.5	0.21	4.1	3.7
STD DS7	Standard	0.9	67.3	0.19	4.3	3.8
STD DS7	Standard	0.9	63.4	0.21	4.5	4.1
STD DS7	Standard	0.8	46.0	0.18	4.0	3.9
STD DS7	Standard	0.9	95.1	0.20	4.6	4.2
STD DS7	Standard	0.8	51.1	0.19	4.1	3.7
STD DS7	Standard	0.9	56.4	0.21	4.5	3.8
STD DS7	Standard	0.8	60.9	0.21	4.2	4.1
STD DS7	Standard	0.7	55.6	0.20	4.0	3.3
STD DS7	Standard	0.8	58.0	0.20	4.4	3.8
STD DS7	Standard	1.0	54.0	0.20	4.6	4.5
STD DS7	Standard	0.9	60.3	0.21	4.4	3.7

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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**QUALITY CONTROL REPORT** **VAN07000611.1**

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm	
STD DS7	Standard	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
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STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD SO-18	Standard	530	1	31.6	6.9	19.8	10.3	20.8	28.3	15	420.1	6.9	10.7	17.1	232	15.3	289.0	30.6	12.5	25.0	3.40	
STD SO-18	Standard	508	<1	31.4	6.7	18.7	9.3	21.2	28.1	15	401.0	6.9	9.9	16.7	226	15.0	284.2	31.1	12.1	24.7	3.36	
STD SO-18	Standard	512	<1	26.2	6.9	17.6	10.0	20.3	28.1	15	425.7	7.3	10.1	16.6	204	15.4	276.5	33.9	12.4	25.8	3.53	
STD SO-18	Standard	494	<1	24.1	6.7	15.8	9.4	19.6	26.6	14	403.8	7.7	9.8	16.8	184	14.5	258.5	31.3	12.2	25.6	3.38	
STD SO-18	Standard	511	<1	27.2	6.8	17.5	9.6	20.4	27.9	15	414.6	7.3	9.7	16.2	203	14.9	276.3	33.1	12.6	22.1	3.41	
STD SO-18	Standard	472	<1	25.9	6.6	16.5	9.5	19.8	27.5	14	400.6	6.8	10.3	15.7	193	14.0	267.7	31.1	11.8	20.4	3.34	
STD SO-18	Standard	503	<1	26.4	6.8	17.6	9.7	20.3	28.1	15	421.7	7.2	9.9	16.2	203	14.7	275.8	32.3	13.1	21.5	3.45	
STD SO-18	Standard	518	<1	24.5	6.9	15.8	10.0	19.3	27.0	14	401.6	7.1	10.3	16.1	195	15.6	258.9	31.3	11.9	20.6	3.34	
STD SO-18	Standard	503	<1	27.2	6.9	17.7	9.7	20.9	28.6	15	416.3	7.3	10.1	16.5	208	15.1	280.6	33.2	12.7	26.6	3.49	
STD SO-18	Standard	508	<1	27.3	6.9	17.7	9.6	20.4	28.6	15	402.2	7.2	9.7	16.3	206	14.9	278.5	29.4	11.6	23.5	3.17	
STD SO-18	Standard	501	<1	27.0	6.7	17.0	9.5	20.1	27.5	15	378.0	7.1	10.1	15.9	197	14.6	269.6	30.5	11.8	23.7	3.27	
STD SO-18	Standard	525	<1	28.1	6.9	17.6	10.2	20.6	28.4	15	402.4	7.5	10.2	16.7	211	15.2	278.9	31.1	12.0	25.5	3.37	

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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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## QUALITY CONTROL REPORT

VAN07000611.1

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
STD DS7	Standard												22.8	115.3	70.3	452	60.5	56.0	7.0	4.4	4.9
STD DS7	Standard												20.8	103.2	69.8	403	58.9	53.3	6.2	4.5	4.7
STD DS7	Standard												20.9	101.0	69.0	397	60.5	50.6	5.6	4.3	4.4
STD DS7	Standard												19.1	96.0	63.3	374	57.3	46.3	5.6	3.6	4.0
STD DS7	Standard												20.4	100.9	66.6	397	58.6	50.0	6.0	4.0	4.4
STD DS7	Standard												22.0	109.2	71.1	405	61.8	50.6	6.1	4.0	4.5
STD DS7	Standard												21.0	99.2	65.1	383	58.0	46.0	5.7	3.9	4.1
STD DS7	Standard												19.7	103.8	65.8	389	56.8	44.8	5.7	3.8	4.4
STD DS7	Standard												21.1	106.9	66.7	407	60.3	50.6	6.1	3.6	5.2
STD DS7	Standard												23.4	123.0	67.9	419	62.0	51.2	6.7	3.3	4.9
STD DS7	Standard												24.0	111.0	72.8	410	60.4	52.2	6.7	3.3	5.0
STD DS7	Standard												20.7	96.8	68.0	378	57.5	48.7	6.4	3.4	4.6
STD DS7	Standard												20.8	95.3	69.3	393	52.5	50.9	6.6	3.4	4.6
STD DS7	Standard												24.4	119.0	70.3	422	66.1	51.2	6.5	4.1	4.6
STD DS7	Standard												23.0	113.6	66.1	408	61.3	45.5	6.2	4.1	4.3
STD DS7	Standard												18.8	101.7	61.7	386	54.5	50.0	6.8	4.5	4.4
STD DS7	Standard												20.1	96.0	59.6	368	53.1	53.3	6.3	4.6	4.5
STD SO-18	Standard	14.8	2.96	0.86	2.86	0.48	3.00	0.65	1.81	0.28	1.89	0.28									
STD SO-18	Standard	13.7	2.81	0.86	2.87	0.47	3.05	0.62	1.77	0.27	1.80	0.27									
STD SO-18	Standard	13.7	2.92	0.87	2.87	0.51	2.96	0.62	1.83	0.28	1.78	0.27									
STD SO-18	Standard	14.2	2.85	0.90	2.98	0.51	2.95	0.65	1.80	0.27	1.84	0.27									
STD SO-18	Standard	13.7	2.92	0.86	2.88	0.50	3.02	0.60	1.79	0.23	1.75	0.26									
STD SO-18	Standard	13.9	2.75	0.87	2.72	0.50	2.65	0.59	1.84	0.23	1.70	0.26									
STD SO-18	Standard	15.0	2.90	0.87	2.87	0.50	3.00	0.60	1.80	0.28	1.76	0.27									
STD SO-18	Standard	13.7	2.90	0.83	2.83	0.49	2.73	0.60	1.68	0.27	1.76	0.24									
STD SO-18	Standard	14.0	2.98	0.88	2.91	0.52	3.03	0.62	1.80	0.28	1.79	0.27									
STD SO-18	Standard	13.2	2.90	0.86	2.86	0.51	3.02	0.62	1.79	0.29	1.78	0.27									
STD SO-18	Standard	13.4	2.87	0.84	2.87	0.41	2.93	0.59	1.76	0.28	1.72	0.26									
STD SO-18	Standard	14.0	2.96	0.95	2.88	0.44	2.93	0.67	1.88	0.29	1.74	0.28									



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**Project: ELDOR CARBONATITE**  
**Report Date: November 22, 2007**

**Page: 4 of 7 Part 3**

**QUALITY CONTROL REPORT**

**VAN07000611.1**

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX TI ppm 0.1	1DX Se ppm 0.5
STD DS7	Standard	0.9	63.2	0.21	4.4	3.8
STD DS7	Standard	0.8	49.4	0.20	4.2	3.6
STD DS7	Standard	0.7	55.7	0.18	4.3	3.7
STD DS7	Standard	0.8	47.2	0.18	4.0	3.7
STD DS7	Standard	1.0	57.0	0.19	4.2	3.8
STD DS7	Standard	0.8	67.3	0.19	4.2	3.9
STD DS7	Standard	0.8	134.3	0.20	3.8	3.9
STD DS7	Standard	0.8	58.6	0.19	3.9	3.4
STD DS7	Standard	0.8	47.2	0.18	4.1	3.7
STD DS7	Standard	0.9	77.6	0.21	4.4	4.0
STD DS7	Standard	0.9	62.2	0.22	4.4	3.9
STD DS7	Standard	0.8	139.5	0.21	4.2	3.8
STD DS7	Standard	0.9	56.4	0.19	4.1	4.3
STD DS7	Standard	0.9	66.6	0.22	4.9	4.1
STD DS7	Standard	0.8	52.1	0.21	4.4	4.3
STD DS7	Standard	0.8	54.3	0.20	4.1	3.3
STD DS7	Standard	0.8	60.7	0.19	4.1	3.3
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
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Project: ELDOR CARBONATITE

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Page: 5 of 7 Part: 1

QUALITY CONTROL REPORT

VAN07000611.1

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm	
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02
STD SO-18	Standard	500	<1	25.5	6.7	16.2	9.4	19.4	27.1	15	396.9	7.2	9.2	16.1	197	14.8	263.8	30.3	11.5	21.2	3.15	
STD SO-18	Standard	487	<1	30.2	6.1	19.1	9.8	19.1	26.6	13	391.1	6.5	11.6	14.4	237	14.8	269.0	28.5	12.0	22.0	3.35	
STD SO-18	Standard	505	2	27.1	6.7	17.1	9.9	20.3	27.0	16	413.5	7.1	10.1	15.5	200	15.7	273.9	32.1	11.2	20.7	3.25	
STD SO-18	Standard	392	<1	26.5	5.7	16.3	9.0	17.9	25.6	12	387.1	6.9	8.4	15.5	200	13.1	252.7	27.6	11.0	23.8	2.98	
STD SO-18	Standard	523	<1	25.2	7.1	17.6	9.8	22.2	28.3	15	406.0	7.4	10.2	16.6	206	15.1	278.6	32.1	10.8	28.3	3.11	
STD SO-18	Standard	523	1	25.7	7.0	17.9	9.9	21.8	28.6	15	435.4	7.4	10.3	16.9	207	15.2	282.0	33.1	13.1	28.0	3.64	
STD SO-18	Standard	534	<1	27.3	7.1	18.2	10.0	21.5	28.8	15	404.2	7.4	10.5	17.0	208	15.3	285.0	33.1	12.8	28.4	3.38	
STD SO-18	Standard	531	<1	27.8	7.1	17.8	10.0	21.2	29.2	15	433.4	7.4	10.1	17.0	209	15.5	286.2	33.5	13.3	28.4	3.61	
STD SO-18	Standard	501	1	27.0	6.7	17.5	9.7	20.5	27.8	15	406.5	7.2	9.9	15.8	203	14.5	275.4	31.6	11.6	26.8	3.30	
STD SO-18	Standard	501	1	26.2	6.7	17.3	9.6	20.0	27.7	15	386.6	7.1	9.5	15.5	198	14.4	272.5	27.1	10.7	23.7	2.90	
STD SO-18	Standard	526	1	27.0	7.2	18.0	9.9	20.9	29.2	16	423.4	7.4	10.5	17.1	209	15.5	284.4	33.4	12.5	27.7	3.51	
STD SO-18	Standard	577	2	30.6	7.0	19.7	10.9	21.1	32.5	17	462.6	7.7	13.4	19.0	236	16.3	296.4	33.7	13.7	28.8	3.64	
STD SO-18	Standard	531	<1	27.9	7.1	18.2	10.2	21.0	29.5	16	430.2	7.6	10.9	17.0	214	15.7	287.2	33.3	12.7	27.8	3.53	
STD SO-18	Standard	533	2	27.8	7.2	18.3	10.5	21.3	29.6	16	480.6	7.6	10.7	17.2	213	15.8	291.5	35.2	13.9	30.5	3.76	
STD SO-18	Standard	510	<1	26.9	6.8	17.4	9.9	20.5	28.1	15	409.6	7.2	10.4	16.4	202	15.1	274.0	32.0	12.4	26.9	3.40	
STD SO-18	Standard	516	<1	27.1	7.0	18.0	9.8	20.6	28.1	15	428.2	7.3	10.2	16.6	202	15.0	278.0	30.0	11.5	28.6	3.43	
STD SO-18	Standard	522	3	27.8	7.0	18.3	10.0	21.0	28.9	15	429.9	7.3	10.5	17.1	210	15.0	286.0	33.8	12.6	27.0	3.49	
STD SO-18	Standard	523	<1	27.7	7.1	18.1	10.0	20.7	28.8	16	483.7	7.4	13.5	17.1	210	15.4	286.0	35.1	13.5	28.0	3.68	
STD SO-18	Standard	503	<1	26.1	6.8	17.4	9.7	20.0	27.7	14	410.5	7.2	10.4	16.3	199	14.7	272.6	32.3	12.3	26.6	3.41	
STD SO-18	Standard	505	<1	26.9	6.8	17.8	9.6	20.3	28.2	15	432.1	7.2	10.5	16.6	202	14.8	275.2	31.4	12.6	26.4	3.47	
STD SO-18	Standard	501	<1	26.0	6.8	17.2	9.6	20.1	27.7	15	405.9	7.2	10.4	16.3	198	14.8	270.2	31.8	12.0	26.1	3.35	
STD SO-18	Standard	501	<1	26.2	6.9	17.3	9.5	19.8	27.8	15	418.7	7.2	9.7	16.3	199	14.8	272.6	31.3	12.3	25.0	3.24	
STD SO-18	Standard	500	3	26.0	6.9	17.0	9.9	20.1	27.9	15	406.8	7.2	14.0	16.6	197	15.1	271.7	32.0	12.6	26.7	3.47	
STD SO-18	Standard	439	<1	23.3	6.0	16.0	9.5	17.5	24.2	13	388.0	6.6	11.5	16.6	186	14.3	245.9	28.5	12.9	24.6	3.41	
STD SO-18	Standard	501	1	26.6	6.7	17.3	9.6	20.2	27.7	15	404.4	7.1	10.6	16.3	200	15.0	272.7	32.3	12.1	26.6	3.39	
STD SO-18	Standard	504	<1	25.5	6.7	17.1	9.6	19.7	27.9	15	389.4	6.0	10.1	16.3	200	14.8	274.1	30.4	12.0	25.0	3.24	
STD DS7 Expected																						
STD SO-18 Expected		514		26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	
BLK	Blank																					

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 Edmonton AB T6E 1T7 Canada

**Project: ELDOR CARBONATITE**

**Report Date: November 22, 2007**

Page: 5 of 7 Part 2

**QUALITY CONTROL REPORT**

**VAN07000611.1**

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
STD SO-18	Standard	13.3	2.95	0.83	2.70	0.49	2.92	0.57	1.66	0.26	1.73	0.25	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
STD SO-18	Standard	13.9	2.61	0.83	2.72	0.43	2.71	0.56	1.63	0.25	1.69	0.25									
STD SO-18	Standard	15.3	2.68	0.86	2.84	0.42	2.76	0.62	1.80	0.28	1.78	0.26									
STD SO-18	Standard	13.0	3.04	0.70	2.71	0.42	2.79	0.57	1.83	0.25	1.57	0.21									
STD SO-18	Standard	14.8	2.99	0.88	2.98	0.51	3.03	0.62	1.83	0.28	1.79	0.28									
STD SO-18	Standard	14.4	3.01	0.89	2.97	0.52	3.05	0.63	1.86	0.28	1.80	0.27									
STD SO-18	Standard	13.6	3.04	0.90	2.98	0.53	3.07	0.63	1.86	0.29	1.83	0.27									
STD SO-18	Standard	14.6	3.05	0.91	2.93	0.53	3.04	0.65	1.89	0.29	1.81	0.28									
STD SO-18	Standard	13.5	2.87	0.85	2.89	0.50	2.90	0.60	1.79	0.28	1.75	0.26									
STD SO-18	Standard	12.3	2.83	0.84	2.83	0.41	2.86	0.59	1.78	0.28	1.73	0.26									
STD SO-18	Standard	14.5	2.99	0.91	2.97	0.52	3.06	0.63	1.86	0.28	1.85	0.28									
STD SO-18	Standard	15.7	3.04	0.91	3.15	0.51	3.20	0.73	2.07	0.29	1.98	0.30									
STD SO-18	Standard	14.4	3.08	0.92	3.01	0.53	3.13	0.64	1.88	0.30	1.87	0.29									
STD SO-18	Standard	15.7	3.00	0.92	3.04	0.54	3.15	0.65	1.93	0.30	1.90	0.29									
STD SO-18	Standard	13.6	2.88	0.88	2.90	0.51	2.95	0.62	1.82	0.28	1.75	0.27									
STD SO-18	Standard	13.9	2.98	0.87	2.87	0.51	2.95	0.62	1.84	0.28	1.80	0.27									
STD SO-18	Standard	14.3	3.00	0.89	2.86	0.53	3.01	0.63	1.83	0.29	1.77	0.28									
STD SO-18	Standard	14.6	3.03	0.92	2.86	0.53	3.00	0.65	1.83	0.30	1.84	0.29									
STD SO-18	Standard	13.7	2.91	0.87	2.79	0.50	2.93	0.61	1.78	0.29	1.74	0.27									
STD SO-18	Standard	13.7	2.94	0.88	2.82	0.52	2.92	0.62	1.79	0.29	1.76	0.27									
STD SO-18	Standard	13.5	2.83	0.87	2.80	0.51	2.92	0.62	1.79	0.28	1.73	0.27									
STD SO-18	Standard	12.7	2.90	0.87	2.82	0.51	2.99	0.62	1.79	0.28	1.75	0.27									
STD SO-18	Standard	13.8	2.90	0.87	2.81	0.53	2.91	0.62	1.78	0.29	1.77	0.28									
STD SO-18	Standard	13.7	2.62	0.85	2.37	0.48	2.67	0.65	1.68	0.24	1.66	0.27									
STD SO-18	Standard	13.9	2.95	0.88	2.77	0.51	2.99	0.62	1.78	0.28	1.78	0.29									
STD SO-18	Standard	11.9	2.93	0.87	2.79	0.51	2.97	0.60	1.84	0.28	1.75	0.27									
STD DS7 Expected													20.92	109	70.6	411	56	48.2	6.38	5.86	4.51
STD SO-18 Expected		14	3	0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27									
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

Page: 5 of 7 Part 3

QUALITY CONTROL REPORT

VAN07000611.1

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX Se ppm 0.5
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD SO-18	Standard					
STD DS7 Expected		0.89	70	0.2	4.19	3.5
STD SO-18 Expected						
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

Page: 6 of 7 Part 1

QUALITY CONTROL REPORT

VAN07000611.1

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm	
BLK	Blank	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.5	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.6	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.9	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.4	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.3	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	2.5	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.5	<0.1	<0.1	<0.1	0.8	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.8	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	0.7	1.3	<0.02	
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.9	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02

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Project:

ELDOR CARBONATITE

Report Date:

November 22, 2007

Page:

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Part 2

QUALITY CONTROL REPORT

VAN07000611.1

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									

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**QUALITY CONTROL REPORT**

**VAN07000611.1**

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX Se ppm 0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5
BLK	Blank					
BLK	Blank					
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**Project:** ELDOR CARBONATITE  
**Report Date:** November 22, 2007

**Page:** 7 of 7 **Part** 1

**QUALITY CONTROL REPORT**

**VAN07000611.1**

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm	
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.6	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.0	<0.1	0.5	1.2	0.10	
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.3	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.9	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02



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 Edmonton AB T6E 1T7 Canada

Project: ELDOR CARBONATITE  
 Report Date: November 22, 2007

Page: 7 of 7 Part 2

**QUALITY CONTROL REPORT**

**VAN07000611.1**

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi			
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01												
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01												
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01												
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01												
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01												
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01												

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Project: ELDOR CARBONATITE

Report Date: November 22, 2007

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## QUALITY CONTROL REPORT

VAN07000611.1

		1DX	1DX	1DX	1DX	1DX
		Ag	Au	Hg	Tl	Se
		ppm	ppb	ppm	ppm	ppm
		0.1	0.5	0.01	0.1	0.5
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					
BLK	Blank					



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Submitted By: Jody Dahrouge  
Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.  
Received: August 28, 2007  
Report Date: January 29, 2008  
Page: 1 of 7

## CERTIFICATE OF ANALYSIS

VAN07000530.2

### CLIENT JOB INFORMATION

Project: ELDOR CARBONATITE  
Shipment ID:  
P.O. Number: 20007  
Number of Samples: 158

### SAMPLE DISPOSAL

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SP100	158	Soil Pulverize		
4B Full Suite	158	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed
3BMS	14	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed

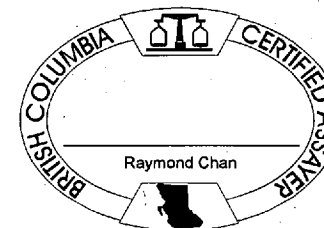
### ADDITIONAL COMMENTS

Version 2 to include Au, Pt, Pd by 3B-MS analysis

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Dahrouge Geological Consulting  
18 - 10509 - 81 Ave  
Edmonton AB T6E 1T7  
Canada

CC:



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Project:

ELDOR CARBONATITE

Report Date:

January 29, 2008

Page:

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Part 1

# CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
38970	Soil	602	2	8.0	1.2	14.2	2.7	5.5	82.3	<1	286.0	0.4	12.0	1.0	50	<0.5	84.9	8.1	23.1	50.5	5.77
38971	Soil	665	<1	9.2	1.2	15.2	3.7	13.6	74.4	1	307.4	0.5	7.2	0.8	55	0.7	120.5	10.3	28.3	56.5	6.42
38972	Soil	705	2	10.1	1.2	14.9	4.9	5.3	76.2	<1	325.9	0.4	9.4	1.1	54	<0.5	166.9	11.9	27.6	56.5	6.71
38973	Soil	639	1	12.1	1.4	15.4	3.6	10.3	78.4	<1	289.5	0.5	6.5	1.0	68	<0.5	120.2	10.5	30.6	60.4	6.65
38974	Soil	675	2	7.4	1.0	14.6	4.4	11.8	72.3	<1	343.2	0.4	8.0	0.9	50	<0.5	150.8	11.3	29.7	58.9	6.86
38975	Soil	659	1	9.6	1.2	14.9	4.3	11.2	80.3	<1	296.6	0.4	7.3	1.0	61	<0.5	134.5	8.4	22.3	45.9	5.26
39026	Soil	701	1	12.4	1.3	16.3	4.1	10.7	78.3	<1	327.6	0.5	6.1	0.9	69	<0.5	134.5	10.8	26.2	54.2	6.02
39027	Soil	694	<1	7.1	0.9	13.7	3.0	7.3	74.7	<1	346.8	0.3	5.6	0.9	40	<0.5	95.2	8.7	20.7	36.5	4.75
39028	Soil	691	1	8.5	1.3	14.1	3.4	5.1	78.1	<1	335.2	0.4	6.2	0.9	46	1.8	113.6	9.1	21.0	43.0	5.25
39029	Soil	629	2	7.6	1.0	13.5	3.1	5.0	71.9	<1	311.7	0.2	5.7	0.9	41	<0.5	106.6	9.2	24.2	38.8	5.25
39030	Soil	641	1	9.5	1.1	14.9	4.7	9.4	73.7	<1	332.0	0.4	7.1	1.4	59	<0.5	150.3	11.1	27.7	54.3	6.13
39031	Soil	649	1	8.8	1.7	16.7	3.4	6.4	92.4	<1	262.6	0.4	5.7	0.9	62	<0.5	108.9	7.5	21.9	40.3	4.46
39032	Soil	637	2	9.0	1.3	15.3	4.3	12.4	76.9	<1	320.9	0.4	6.5	1.1	57	<0.5	145.9	10.4	28.8	57.1	6.31
39033	Soil	588	2	12.6	1.1	14.5	3.2	54.6	51.6	<1	347.9	1.0	13.5	4.8	75	1.4	97.1	17.4	59.1	100.0	13.19
39034	Soil	754	2	9.3	1.4	15.0	4.3	24.3	82.6	<1	346.5	0.7	7.4	1.4	64	0.8	146.6	12.3	31.4	64.1	7.09
39035	Soil	881	7	22.0	2.1	16.0	5.6	152.2	84.4	3	282.3	2.6	46.3	2.4	124	1.7	187.9	68.8	285.2	458.0	58.92
39036	Soil	773	2	13.3	1.5	14.8	5.3	24.7	77.5	<1	291.8	1.8	7.3	1.2	107	0.6	185.5	13.9	34.3	68.9	8.27
39037	Soil	662	1	10.7	1.5	15.4	4.6	13.0	79.5	<1	317.6	0.5	7.8	1.0	63	<0.5	155.0	9.8	30.7	57.7	6.45
39038	Soil	728	2	10.8	1.2	13.4	4.8	14.7	77.3	<1	347.3	0.5	9.8	2.9	59	0.5	163.5	13.5	35.0	70.3	8.09
39039	Soil	631	<1	8.3	1.5	14.7	4.7	19.9	76.3	<1	269.4	0.6	7.5	1.0	68	0.7	160.1	10.6	28.2	55.1	6.48
39040	Soil	1419	3	36.7	1.3	16.7	5.4	95.6	49.2	2	212.8	5.6	9.7	5.4	171	1.2	192.6	31.7	103.0	190.2	22.83
39041	Soil	670	1	8.8	1.3	15.5	2.9	8.8	83.4	<1	321.5	0.4	8.6	1.1	58	<0.5	99.4	10.4	26.8	55.2	6.23
39042	Soil	704	2	11.4	1.3	14.8	4.0	20.7	82.4	<1	332.4	0.6	9.2	1.2	62	<0.5	138.1	13.7	45.1	91.5	10.29
39043	Soil	697	3	13.3	1.5	13.1	5.3	61.4	76.5	1	359.1	1.1	16.7	3.5	71	1.0	172.5	21.0	102.9	198.0	23.87
39044	Soil	645	2	14.2	1.6	15.7	4.3	33.8	79.3	<1	316.7	0.9	9.1	1.3	74	0.9	136.5	13.5	56.3	121.0	11.57
39045	Soil	622	2	31.8	2.2	10.7	3.3	50.5	59.0	<1	262.2	1.0	11.5	9.5	62	0.9	118.9	30.9	134.6	217.1	27.86
39046	Soil	689	2	12.3	1.5	14.6	4.1	24.9	77.6	<1	306.8	0.7	10.8	2.7	68	0.8	144.9	16.0	46.5	88.5	10.53
39047	Soil	716	2	13.2	1.7	15.5	4.3	16.1	85.4	<1	325.5	0.7	8.1	1.3	74	<0.5	161.5	13.3	33.1	65.7	7.73
39048	Soil	607	2	8.5	1.3	14.3	5.1	13.0	66.8	<1	310.1	0.5	6.6	0.9	63	<0.5	174.5	10.6	27.0	54.8	6.12
39049	Soil	638	1	7.5	1.0	9.9	2.3	14.3	42.4	<1	244.8	0.6	9.3	6.8	37	<0.5	81.0	15.9	45.4	62.1	10.43

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 Edmonton AB T6E 1T7 Canada

Project: **ELDOR CARBONATITE**  
 Report Date: **January 29, 2008**

Page: 2 of 7 Part 2

**CERTIFICATE OF ANALYSIS**

**VAN07000530.2**

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
38970	Soil	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
38971	Soil	20.4	3.81	0.65	2.38	0.36	1.64	0.28	0.81	0.12	0.74	0.11	0.5	9.5	7.1	37	21.9	1.5	0.1	<0.1	<0.1	<0.1	<0.1	
38972	Soil	21.5	3.90	0.96	2.49	0.40	1.97	0.36	1.00	0.17	0.95	0.14	1.3	16.8	7.9	30	27.7	2.4	<0.1	<0.1	<0.1	<0.1	<0.1	
38973	Soil	24.4	4.10	0.86	2.82	0.44	2.30	0.40	1.08	0.17	1.10	0.15	0.3	13.3	8.3	28	19.9	2.0	<0.1	<0.1	<0.1	<0.1	<0.1	
38974	Soil	22.2	3.88	0.98	2.38	0.40	1.99	0.36	1.08	0.16	1.00	0.12	0.8	16.1	7.5	36	26.5	2.0	<0.1	<0.1	<0.1	<0.1	<0.1	
38975	Soil	25.0	4.14	1.01	2.81	0.41	2.28	0.40	1.04	0.17	0.95	0.14	0.4	10.5	6.0	23	14.5	1.7	<0.1	<0.1	<0.1	<0.1	<0.1	
38975	Soil	17.5	3.08	0.72	1.96	0.29	1.57	0.30	0.80	0.13	0.82	0.12	0.9	9.0	6.9	38	19.3	1.8	<0.1	<0.1	<0.1	<0.1	<0.1	
39026	Soil	21.5	3.85	0.94	2.61	0.41	2.14	0.41	1.12	0.17	1.10	0.16	0.6	16.0	6.6	30	22.9	2.7	<0.1	<0.1	<0.1	<0.1	<0.1	
39027	Soil	16.8	2.83	0.82	1.98	0.30	1.64	0.29	0.83	0.12	0.79	0.11	0.3	9.9	4.9	20	12.9	0.7	<0.1	<0.1	<0.1	<0.1	<0.1	
39028	Soil	18.1	3.52	0.83	2.12	0.32	1.69	0.31	0.80	0.11	0.85	0.11	1.1	13.0	6.0	23	19.2	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	
39029	Soil	19.2	3.05	0.85	2.26	0.30	1.72	0.30	0.77	0.13	0.79	0.11	0.4	10.3	5.4	25	17.4	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	
39030	Soil	20.6	3.59	0.92	2.64	0.41	2.07	0.40	1.05	0.17	0.98	0.14	1.6	10.1	5.9	32	20.5	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	
39031	Soil	14.7	2.44	0.68	1.70	0.27	1.45	0.27	0.75	0.13	0.73	0.12	0.6	6.0	6.4	32	18.6	0.7	<0.1	<0.1	<0.1	<0.1	<0.1	
39032	Soil	21.6	3.70	0.98	2.42	0.40	2.13	0.36	1.08	0.17	0.98	0.15	0.9	10.3	6.1	30	21.1	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	
39033	Soil	48.5	8.27	2.17	5.60	0.78	3.76	0.64	1.56	0.22	1.29	0.19	1.6	35.3	10.1	38	27.4	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	
39034	Soil	27.2	4.11	1.03	2.86	0.44	2.36	0.41	1.14	0.19	1.07	0.15	1.1	8.9	7.3	30	22.4	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	
39035	Soil	214.5	33.55	9.34	23.55	3.33	15.70	2.42	5.75	0.78	4.02	0.54	2.3	29.9	27.1	122	69.3	2.1	0.3	<0.1	0.2	<0.1	0.2	
39036	Soil	31.1	5.18	1.28	3.65	0.52	2.68	0.50	1.29	0.22	1.17	0.17	0.7	29.2	7.0	52	36.4	1.5	0.1	<0.1	<0.1	<0.1	<0.1	
39037	Soil	24.8	3.41	0.86	2.41	0.36	1.83	0.35	0.96	0.16	0.96	0.13	0.8	9.1	7.8	28	20.2	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	
39038	Soil	29.5	4.61	1.10	3.22	0.49	2.34	0.48	1.29	0.17	1.15	0.16	1.2	12.2	6.5	30	24.0	1.6	<0.1	<0.1	<0.1	<0.1	<0.1	
39039	Soil	22.8	3.46	0.86	2.32	0.37	1.92	0.35	1.09	0.17	1.01	0.16	1.0	9.2	7.9	22	17.8	1.8	<0.1	<0.1	<0.1	<0.1	<0.1	
39040	Soil	85.7	13.44	3.76	9.77	1.38	6.67	1.13	2.73	0.41	2.13	0.29	3.1	86.6	9.4	77	93.2	2.4	0.1	<0.1	0.1	<0.1	0.1	
39041	Soil	23.0	3.56	0.83	2.56	0.39	1.86	0.34	0.93	0.17	0.93	0.13	0.7	12.5	7.2	30	24.0	1.2	<0.1	<0.1	<0.1	<0.1	<0.1	
39042	Soil	37.3	5.72	1.39	3.76	0.53	2.65	0.47	1.26	0.18	1.05	0.15	1.2	15.7	8.0	39	27.2	1.9	0.1	<0.1	<0.1	<0.1	<0.1	
39043	Soil	90.1	12.49	3.06	7.55	1.02	4.38	0.70	1.82	0.28	1.43	0.20	1.7	21.5	12.1	65	49.1	1.4	0.2	<0.1	<0.1	<0.1	<0.1	
39044	Soil	41.7	5.83	1.49	3.83	0.59	3.05	0.47	1.32	0.18	1.09	0.16	1.8	18.1	9.7	36	35.4	1.6	<0.1	<0.1	<0.1	<0.1	<0.1	
39045	Soil	101.3	13.93	3.56	9.40	1.30	5.91	1.00	2.47	0.36	2.00	0.30	10.3	68.4	11.2	389	160.2	3.0	2.0	0.1	0.1	<0.1	<0.1	
39046	Soil	38.0	5.75	1.49	4.01	0.62	2.90	0.53	1.44	0.23	1.25	0.19	2.1	24.1	8.1	52	32.5	1.7	0.1	<0.1	<0.1	<0.1	<0.1	
39047	Soil	28.3	4.44	1.09	3.06	0.46	2.29	0.42	1.18	0.19	1.12	0.16	0.9	24.6	9.0	40	32.0	1.8	<0.1	<0.1	<0.1	<0.1	<0.1	
39048	Soil	22.9	3.64	0.90	2.56	0.37	1.73	0.35	0.98	0.16	0.95	0.14	0.8	7.7	6.9	29	19.6	1.3	<0.1	<0.1	<0.1	<0.1	<0.1	
39049	Soil	37.3	5.70	1.35	4.09	0.55	2.84	0.49	1.30	0.17	1.09	0.16	2.8	49.8	7.4	26	28.2	1.0	0.2	0.2	<0.1	<0.1	<0.1	

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Project:

ELDOR CARBONATITE

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January 29, 2008

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# CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit	MDL	ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
38970	Soil	<0.1	1.9	0.01	<0.1	0.5	N.A.	N.A.	N.A.
38971	Soil	<0.1	1.8	0.01	<0.1	0.6	N.A.	N.A.	N.A.
38972	Soil	<0.1	1.6	0.01	0.1	0.6	N.A.	N.A.	N.A.
38973	Soil	<0.1	1.6	<0.01	0.1	0.7	N.A.	N.A.	N.A.
38974	Soil	<0.1	1.3	<0.01	<0.1	0.6	N.A.	N.A.	N.A.
38975	Soil	<0.1	1.4	<0.01	<0.1	0.6	N.A.	N.A.	N.A.
39026	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39027	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39028	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39029	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39030	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39031	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39032	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39033	Soil	<0.1	<0.5	0.04	0.1	1.4	N.A.	N.A.	N.A.
39034	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39035	Soil	<0.1	0.8	0.02	0.4	0.8	N.A.	N.A.	N.A.
39036	Soil	<0.1	<0.5	0.01	0.1	<0.5	N.A.	N.A.	N.A.
39037	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39038	Soil	<0.1	0.6	0.02	0.1	<0.5	N.A.	N.A.	N.A.
39039	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39040	Soil	0.1	<0.5	0.03	<0.1	0.8	N.A.	N.A.	N.A.
39041	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39042	Soil	<0.1	<0.5	<0.01	0.1	<0.5	N.A.	N.A.	N.A.
39043	Soil	<0.1	<0.5	0.02	0.1	<0.5	N.A.	N.A.	N.A.
39044	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39045	Soil	0.1	<0.5	0.14	0.3	2.7	<1	0.7	1.3
39046	Soil	<0.1	2.3	0.03	0.1	0.9	N.A.	N.A.	N.A.
39047	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39048	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39049	Soil	0.2	<0.5	0.12	0.1	2.6	N.A.	N.A.	N.A.

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Project: **ELDOR CARBONATITE**

Report Date: **January 29, 2008**

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**CERTIFICATE OF ANALYSIS**

**VAN07000530.2**

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B			
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
39050	Soil			689	2	13.4	1.3	15.8	4.7	13.2	72.0	<1	318.9	0.5	6.4	1.1	73	0.5	162.3	11.5	27.8	65.1	6.25
29934	Soil			558	1	14.6	1.0	15.1	5.4	38.1	64.2	<1	316.0	0.9	9.9	0.8	75	0.7	194.5	13.2	43.7	85.3	9.68
29935	Soil			705	<1	9.3	0.8	13.8	4.6	16.8	68.9	<1	378.9	0.7	6.3	1.0	54	<0.5	158.4	10.9	26.4	56.7	6.14
29936	Soil			689	<1	11.0	1.3	14.7	4.1	17.2	74.6	<1	289.4	0.6	7.6	1.0	62	0.5	148.4	12.4	36.2	71.1	8.43
29937	Soil			687	<1	7.9	1.2	15.1	4.5	7.5	74.7	<1	340.6	0.3	5.9	0.9	60	<0.5	162.3	9.3	22.3	43.4	5.12
29938	Soil			631	<1	9.7	1.4	15.2	3.9	12.4	72.6	<1	298.3	0.4	6.5	0.8	69	<0.5	137.5	9.6	22.9	46.5	5.50
29939	Soil			700	1	6.0	1.1	14.9	5.3	17.8	79.7	1	328.5	0.7	6.5	1.2	57	<0.5	184.8	9.8	43.0	75.3	9.13
29940	Soil			633	2	13.4	1.1	15.9	4.7	75.3	64.1	2	348.2	5.4	8.3	4.6	107	1.1	169.4	18.0	49.4	87.6	10.51
29941	Soil			740	1	13.7	1.4	16.9	5.2	51.5	71.9	2	330.4	2.5	8.5	1.3	74	0.7	180.2	14.8	32.8	64.6	7.51
29942	Soil			654	2	10.6	1.4	15.8	4.9	30.8	74.5	1	268.9	0.7	5.4	0.9	72	1.0	166.9	11.6	23.5	45.0	5.34
29943	Soil			623	2	14.5	1.2	16.5	4.3	33.2	67.8	2	301.3	1.2	7.6	1.2	83	0.7	157.7	11.4	30.5	57.5	6.82
29944	Soil			627	2	13.2	1.3	15.5	3.8	22.8	72.1	<1	318.6	0.8	7.6	1.9	71	0.6	132.0	14.2	34.2	64.6	7.72
29945	Soil			667	1	12.4	1.5	15.2	4.2	55.2	76.1	1	317.4	1.3	12.4	2.3	73	0.6	140.9	13.6	39.1	72.5	8.81
29946	Soil			651	2	11.5	1.7	16.8	4.3	5.3	83.7	1	309.0	0.4	6.3	1.0	62	<0.5	144.7	9.6	20.8	41.2	4.65
29947	Soil			238	7	23.6	2.8	13.5	1.3	1929	10.3	7	1226	3.2	17.0	2.4	176	1.6	62.5	76.3	458.5	1005	124.1
29948	Soil			544	2	12.8	1.5	12.2	3.3	135.2	64.5	3	332.3	1.7	13.8	7.6	69	3.1	113.3	23.9	81.7	136.5	17.09
29949	Soil			672	2	9.6	1.2	16.8	4.3	35.7	77.3	1	310.7	0.8	8.0	1.3	63	<0.5	142.0	11.0	31.4	57.6	6.59
29950	Soil			681	<1	7.0	1.6	17.7	5.0	16.7	81.8	1	318.0	0.5	6.0	0.9	69	<0.5	163.9	10.1	26.0	46.7	5.73
28729	Soil			202	8	24.6	2.5	13.2	1.3	1960	9.1	8	1042	3.3	17.5	2.7	184	1.5	74.1	72.9	459.6	1019	126.0
38940	Soil			664	2	28.3	1.0	23.2	8.3	60.5	70.7	3	191.6	3.6	7.6	1.1	200	2.6	293.3	32.8	49.0	100.5	12.51
38941	Soil			661	2	14.3	1.2	17.1	6.8	22.3	78.3	1	290.1	1.3	10.4	1.3	98	0.8	241.2	20.3	36.8	69.6	8.77
38942	Soil			607	2	22.1	1.1	19.4	8.2	40.0	69.6	2	252.4	2.3	8.0	1.3	152	2.6	293.1	25.2	42.4	85.9	10.74
38943	Soil			587	1	10.6	1.2	15.2	7.0	19.3	66.1	1	276.3	1.1	6.4	1.2	96	1.0	239.0	15.5	25.7	48.7	6.03
38944	Soil			635	1	30.7	1.0	20.5	8.4	42.8	57.0	2	250.9	2.7	8.8	1.3	205	3.1	312.8	24.1	44.3	95.6	11.55
38945	Soil			459	2	39.3	0.9	21.1	6.5	40.1	43.6	2	257.7	2.2	6.0	0.9	308	3.0	251.7	29.1	43.1	86.4	11.66
38946	Soil			484	2	27.4	0.9	18.3	7.1	39.0	45.7	1	249.1	2.3	6.7	1.1	223	2.2	257.9	25.1	48.9	96.4	12.44
38947	Soil			440	3	34.8	0.7	18.3	6.0	39.5	36.6	2	374.0	2.3	6.1	0.7	274	3.3	215.3	25.3	46.3	89.1	12.37
38948	Soil			390	1	33.4	0.6	19.1	6.7	34.5	30.6	2	240.4	2.1	5.0	1.0	255	1.6	250.2	23.1	37.6	73.6	10.01
38949	Soil			720	1	25.1	1.3	15.7	5.4	22.3	60.4	1	273.8	1.5	6.1	2.6	157	1.4	183.0	17.9	38.3	70.1	9.33
38950	Soil			543	4	32.2	1.8	15.3	5.0	46.3	53.7	2	327.8	1.9	7.7	1.2	205	5.6	195.6	23.2	54.2	94.3	12.29

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CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
39050	Soil	22.7	3.60	0.86	2.57	0.41	2.13	0.36	1.08	0.18	0.97	0.14	0.6	14.1	13.9	35	30.8	1.9	<0.1	<0.1	<0.1
29934	Soil	36.5	5.28	1.34	3.47	0.52	2.64	0.47	1.22	0.19	1.14	0.17	0.8	20.3	8.4	34	37.6	1.8	<0.1	<0.1	<0.1
29935	Soil	23.7	3.79	0.99	2.54	0.38	1.78	0.33	0.96	0.16	0.93	0.13	0.4	8.1	4.4	25	18.0	0.9	<0.1	<0.1	<0.1
29936	Soil	31.9	4.78	1.21	2.99	0.49	2.38	0.43	1.14	0.18	1.00	0.16	1.4	16.7	6.6	31	22.3	1.8	<0.1	<0.1	<0.1
29937	Soil	18.4	3.03	0.80	1.99	0.33	1.59	0.29	0.87	0.13	0.82	0.13	0.3	7.8	5.9	23	14.7	1.8	<0.1	<0.1	<0.1
29938	Soil	20.5	3.39	0.75	2.29	0.34	1.77	0.30	0.92	0.15	0.81	0.12	0.6	6.9	6.7	26	18.6	1.5	<0.1	<0.1	<0.1
29939	Soil	34.4	3.82	1.18	2.27	0.34	1.73	0.34	0.97	0.16	0.97	0.15	0.9	12.1	5.4	16	15.4	0.6	<0.1	<0.1	<0.1
29940	Soil	37.4	5.23	1.73	4.26	0.65	3.50	0.67	1.64	0.25	1.42	0.20	1.7	15.6	8.0	34	34.7	2.0	<0.1	<0.1	<0.1
29941	Soil	28.9	3.91	1.36	3.29	0.53	2.72	0.49	1.51	0.21	1.52	0.22	0.6	11.8	8.8	45	24.8	4.6	<0.1	<0.1	<0.1
29942	Soil	20.4	2.79	0.96	2.25	0.35	1.85	0.39	1.14	0.17	1.11	0.16	1.0	13.5	9.5	36	36.1	2.8	<0.1	0.1	<0.1
29943	Soil	25.9	3.52	1.18	2.74	0.41	2.16	0.39	1.12	0.18	1.05	0.15	0.6	15.4	7.4	34	33.3	2.4	<0.1	<0.1	<0.1
29944	Soil	30.7	4.22	1.25	3.02	0.49	2.55	0.47	1.32	0.22	1.17	0.18	1.5	28.2	7.2	38	35.4	2.1	0.1	<0.1	<0.1
29945	Soil	32.4	4.28	1.31	3.03	0.48	2.53	0.48	1.35	0.19	1.34	0.18	2.5	20.7	8.7	44	30.5	2.0	<0.1	<0.1	<0.1
29946	Soil	17.1	2.56	0.79	1.92	0.31	1.61	0.33	0.91	0.14	0.91	0.13	1.2	11.3	10.5	47	24.4	2.6	0.2	<0.1	<0.1
29947	Soil	460.8	62.56	16.94	36.52	4.60	20.63	2.83	6.41	0.83	4.16	0.49	12.8	7.5	22.0	133	27.0	5.3	0.3	<0.1	<0.1
29948	Soil	65.3	9.89	3.21	7.27	1.01	4.96	0.82	2.15	0.30	1.78	0.24	5.3	32.4	11.4	89	30.6	1.3	0.4	0.1	<0.1
29949	Soil	24.8	3.19	1.07	2.33	0.38	1.99	0.37	1.05	0.15	0.98	0.14	0.9	16.2	8.4	31	21.3	1.6	<0.1	<0.1	<0.1
29950	Soil	21.5	2.66	0.93	2.00	0.32	1.92	0.33	0.99	0.15	0.97	0.15	0.9	5.8	8.0	23	14.6	1.1	<0.1	<0.1	<0.1
28729	Soil	471.8	64.62	17.30	36.46	4.50	20.27	2.78	6.38	0.75	4.06	0.48	13.5	7.8	22.0	132	28.5	5.1	0.3	0.2	0.1
38940	Soil	48.8	7.85	2.48	6.89	1.15	6.36	1.16	3.32	0.47	2.95	0.42	0.6	60.2	4.3	71	39.0	1.1	<0.1	<0.1	<0.1
38941	Soil	34.8	5.08	1.47	4.00	0.67	3.66	0.69	2.06	0.29	1.85	0.28	0.7	29.1	5.9	36	26.5	1.5	<0.1	<0.1	<0.1
38942	Soil	41.8	6.51	1.85	5.26	0.87	4.75	0.89	2.59	0.35	2.24	0.30	1.4	61.7	5.9	55	34.1	1.2	<0.1	<0.1	<0.1
38943	Soil	21.9	3.46	0.97	2.68	0.48	2.78	0.53	1.61	0.23	1.49	0.22	1.8	7.7	7.8	33	16.7	0.9	0.1	<0.1	<0.1
38944	Soil	46.4	7.58	2.26	5.88	0.97	4.77	0.86	2.40	0.34	2.04	0.28	1.4	82.6	5.7	65	35.4	0.9	<0.1	<0.1	<0.1
38945	Soil	48.1	7.88	2.68	6.52	1.06	5.57	1.09	2.89	0.39	2.34	0.33	0.5	148.6	4.3	83	45.0	<0.5	0.2	<0.1	<0.1
38946	Soil	49.7	8.17	2.41	6.05	1.00	5.05	0.92	2.61	0.32	2.07	0.29	0.7	99.8	5.7	60	34.5	0.7	0.1	<0.1	<0.1
38947	Soil	52.5	9.21	2.86	7.28	1.10	5.44	0.92	2.61	0.39	2.21	0.30	0.4	147.5	4.2	69	39.9	<0.5	0.2	<0.1	<0.1
38948	Soil	40.7	6.98	2.32	5.93	0.93	4.80	0.84	2.29	0.34	1.91	0.28	0.5	140.4	4.3	65	39.9	<0.5	0.2	<0.1	<0.1
38949	Soil	35.6	6.12	1.71	4.65	0.74	3.82	0.68	1.85	0.26	1.55	0.23	3.0	62.3	6.5	68	34.7	1.3	0.1	<0.1	<0.1
38950	Soil	46.9	7.38	2.15	5.62	0.92	4.83	0.83	2.36	0.32	2.05	0.28	1.0	104.0	5.2	80	45.6	<0.5	<0.1	<0.1	<0.1

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CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
39050	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29934	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29935	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29936	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
29937	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29938	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29939	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
29940	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29941	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29942	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
29943	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29944	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
29945	Soil	<0.1	<0.5	0.02	0.1	<0.5	N.A.	N.A.	N.A.
29946	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
29947	Soil	0.1	<0.5	0.03	0.2	<0.5	N.A.	N.A.	N.A.
29948	Soil	0.1	<0.5	0.07	0.2	1.2	N.A.	N.A.	N.A.
29949	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
29950	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
28729	Soil	0.1	<0.5	0.03	0.2	<0.5	N.A.	N.A.	N.A.
38940	Soil	<0.1	1.2	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38941	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38942	Soil	<0.1	0.8	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38943	Soil	<0.1	1.6	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38944	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38945	Soil	<0.1	<0.5	0.01	<0.1	<0.5	<1	2.7	1.6
38946	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38947	Soil	<0.1	0.8	0.01	<0.1	<0.5	<1	2.5	1.8
38948	Soil	<0.1	0.6	0.01	<0.1	<0.5	<1	2.6	1.3
38949	Soil	<0.1	<0.5	0.03	<0.1	0.9	N.A.	N.A.	N.A.
38950	Soil	<0.1	0.9	0.04	<0.1	<0.5	<1	2.5	2.5

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Project:

ELDOR CARBONATITE

Report Date:

January 29, 2008

Page:

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Part 1

CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
38951	Soil	377	4	36.7	2.2	20.7	6.5	60.3	46.6	2	145.8	2.5	8.9	0.8	288	7.0	262.4	27.2	58.4	107.6	14.35
38952	Soil	434	7	35.2	1.9	21.8	6.4	48.1	54.5	2	150.4	2.2	9.3	0.8	248	9.3	248.1	25.9	44.7	82.9	11.34
38953	Soil	473	5	43.5	1.6	21.8	5.7	53.9	58.0	2	141.5	2.7	9.9	0.6	261	16.3	226.6	31.2	74.1	128.5	18.16
38954	Soil	1415	4	34.8	2.0	17.0	4.9	32.8	25.0	1	312.7	1.8	6.1	3.5	229	7.1	179.8	37.9	90.8	121.3	22.62
38955	Soil	429	5	36.5	2.0	25.3	6.0	76.6	90.2	3	129.6	3.3	11.7	0.9	276	19.5	215.5	30.6	81.0	141.1	19.31
38956	Soil	573	10	20.5	1.7	15.5	4.4	145.4	72.0	4	225.0	1.9	41.5	1.1	135	8.6	168.8	29.1	150.8	282.6	35.28
38957	Soil	583	13	28.9	1.5	15.5	6.0	379.2	66.2	10	384.6	2.3	145.7	2.1	152	9.9	223.7	103.2	356.5	785.6	101.1
38958	Soil	345	18	33.7	0.6	8.8	4.4	245.7	33.1	9	264.3	2.2	573.4	1.1	107	7.0	182.6	124.3	865.3	2368	349.6
38959	Soil	668	11	22.1	1.4	16.8	5.2	204.2	72.6	4	361.7	3.3	54.3	2.6	110	4.3	182.3	40.1	157.1	328.1	39.03
38960	Soil	665	10	27.4	1.6	16.3	4.5	641.3	74.6	5	536.1	16.3	62.8	11.5	137	7.0	179.4	68.3	349.3	608.4	74.71
38961	Soil	603	6	17.4	1.6	16.4	5.8	219.7	79.8	4	268.2	3.4	27.8	2.4	120	3.6	211.9	20.0	171.2	301.0	37.85
38962	Soil	615	10	26.5	1.5	15.2	3.9	383.2	70.8	6	504.5	6.5	67.1	4.0	137	5.8	167.0	64.0	560.4	1089	134.6
38963	Soil	621	6	21.0	0.9	13.2	3.4	529.4	60.0	4	904.0	15.7	35.9	7.6	129	6.3	142.6	80.1	320.0	603.3	72.60
38964	Soil	650	6	24.0	1.7	15.4	4.6	431.1	66.6	4	614.3	9.7	48.9	4.3	121	3.6	181.1	71.6	455.9	851.0	100.9
38965	Soil	603	3	20.7	1.4	12.7	4.4	544.2	60.4	4	717.2	9.8	58.4	6.2	125	3.4	167.0	91.1	714.5	1274	144.9
38966	Soil	587	2	23.6	1.1	12.4	5.0	820.0	57.8	7	625.3	32.6	34.9	19.5	102	3.7	192.2	58.5	363.5	699.7	81.16
38967	Soil	583	5	21.3	1.3	16.3	5.1	299.7	81.6	4	380.2	11.5	31.1	4.4	108	4.7	175.2	50.5	232.8	427.7	50.25
38968	Soil	598	4	20.1	1.4	14.1	5.3	623.7	69.5	3	469.7	12.1	30.5	6.4	94	2.5	202.4	39.2	244.4	500.9	54.31
38969	Soil	635	4	21.2	1.7	16.0	5.5	164.7	84.6	3	320.5	4.9	21.0	3.8	110	2.6	198.1	31.8	145.6	276.8	32.33
38976	Soil	689	2	14.3	2.0	16.0	4.8	22.1	83.0	<1	300.3	0.8	9.0	1.2	76	0.6	157.7	12.0	32.2	63.1	7.19
38977	Soil	610	2	16.9	1.7	15.3	4.7	136.5	63.1	2	524.3	1.7	40.2	3.6	113	2.4	159.1	65.6	357.2	657.3	93.14
38978	Soil	688	3	10.4	1.6	16.0	4.0	146.5	76.9	2	313.1	2.0	17.3	1.6	79	0.8	139.7	12.9	63.5	117.5	13.81
38979	Soil	669	3	11.1	1.4	15.9	4.5	80.4	77.9	2	361.9	1.8	16.5	1.8	74	1.2	154.5	20.7	68.8	128.1	15.45
38980	Soil	700	2	16.0	1.4	15.0	4.6	191.6	71.8	2	358.3	5.1	20.6	4.2	92	1.4	167.8	26.4	113.0	217.9	26.21
38981	Soil	872	3	21.7	1.3	17.6	5.5	888.6	61.1	6	265.9	17.7	66.3	6.3	148	3.4	205.2	32.6	262.2	458.0	61.71
38982	Soil	717	2	16.1	1.7	16.6	4.3	231.4	71.8	3	406.6	7.4	28.1	5.9	93	1.1	144.0	41.7	130.5	254.6	34.13
38983	Soil	488	3	13.9	0.6	5.3	2.5	184.7	13.5	2	466.1	4.8	17.5	6.5	88	0.9	124.1	43.5	124.3	241.1	32.39
38984	Soil	666	2	11.1	1.1	14.2	3.7	137.8	69.0	1	374.2	1.9	14.9	4.0	60	0.8	137.4	19.8	68.7	139.8	16.13
38985	Soil	713	1	12.8	1.3	16.4	4.2	105.5	81.6	2	336.6	2.0	13.7	1.7	78	0.8	146.8	16.7	65.0	134.9	16.16
38986	Soil	462	2	34.9	1.0	12.9	4.3	107.4	15.5	1	518.1	5.4	12.2	6.9	140	1.3	202.8	28.8	103.9	174.3	21.34

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Page:

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CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
38951	Soil			56.1	9.41	2.76	7.05	1.13	5.85	1.04	2.80	0.40	2.48	0.33	0.5	64.2	7.8	95	47.4	<0.5	<0.1	<0.1	<0.1
38952	Soil			45.8	7.73	2.19	6.03	1.01	5.30	1.00	2.72	0.40	2.21	0.34	0.7	44.4	7.1	84	47.0	0.6	0.1	<0.1	<0.1
38953	Soil			74.3	12.42	3.39	8.95	1.41	6.84	1.19	3.32	0.44	2.59	0.36	0.4	154.9	6.1	113	74.2	<0.5	<0.1	<0.1	<0.1
38954	Soil			96.7	14.39	4.93	11.66	1.67	8.29	1.50	3.76	0.49	2.78	0.38	4.4	151.3	5.9	130	59.7	0.9	0.2	<0.1	<0.1
38955	Soil			79.4	11.62	3.72	8.41	1.27	6.86	1.20	3.27	0.48	2.80	0.41	3.9	47.7	10.1	120	67.3	<0.5	0.2	<0.1	<0.1
38956	Soil			136.7	18.07	5.34	11.47	1.50	7.02	1.17	2.84	0.37	2.37	0.31	20.2	21.7	39.9	124	58.1	2.6	0.3	0.1	0.3
38957	Soil			416.3	77.97	21.33	47.10	5.95	27.72	4.04	9.37	1.14	6.42	0.77	40.5	25.1	117.6	337	71.7	5.0	0.5	0.2	1.2
38958	Soil			1394	174.4	38.86	73.57	8.03	35.42	4.72	10.97	1.41	7.32	0.81	75.2	11.9	280.0	1123	41.0	5.7	0.6	0.3	2.7
38959	Soil			158.5	23.79	7.31	16.45	2.34	11.68	1.76	4.28	0.54	3.08	0.37	10.1	15.6	35.6	150	47.3	3.0	0.2	0.1	0.2
38960	Soil			274.8	38.58	11.51	26.62	3.60	17.56	2.65	6.61	0.87	4.98	0.66	6.3	42.8	40.5	199	56.0	4.0	0.6	0.2	0.3
38961	Soil			142.6	19.26	5.43	10.48	1.26	5.80	0.81	2.13	0.32	1.84	0.27	12.4	14.0	45.1	112	19.5	2.0	0.2	<0.1	0.3
38962	Soil			470.7	55.57	14.22	27.95	3.80	17.83	2.64	6.31	0.83	4.68	0.57	12.6	38.8	33.6	350	41.3	3.1	0.8	0.1	0.3
38963	Soil			275.3	41.88	11.83	29.62	4.08	19.39	2.95	6.85	0.87	4.55	0.58	7.8	37.0	16.8	103	34.4	2.0	0.4	0.2	0.1
38964	Soil			366.7	47.00	12.09	27.13	3.52	15.49	2.45	6.11	0.83	4.70	0.61	4.9	32.6	21.2	103	47.7	3.6	0.4	0.1	0.3
38965	Soil			525.6	72.09	19.39	43.71	5.54	23.67	3.37	7.47	1.01	5.27	0.68	7.9	15.9	25.5	135	37.4	9.0	0.8	<0.1	0.3
38966	Soil			302.7	39.32	10.35	24.06	3.24	13.96	2.19	4.98	0.70	3.60	0.47	8.0	18.0	15.7	107	28.2	2.5	0.6	<0.1	0.2
38967	Soil			179.5	25.01	6.56	16.44	2.40	10.87	1.77	4.49	0.64	3.44	0.45	5.8	40.0	18.2	123	48.9	2.5	0.5	<0.1	0.1
38968	Soil			197.1	28.12	7.37	17.01	2.29	9.75	1.51	3.72	0.51	2.80	0.39	5.0	14.6	20.8	90	33.6	2.9	0.7	<0.1	0.2
38969	Soil			116.8	16.50	4.27	10.26	1.46	6.92	1.12	2.82	0.42	2.38	0.31	3.6	22.0	11.6	75	46.2	2.6	0.3	<0.1	0.1
38976	Soil			26.4	4.01	1.08	2.80	0.45	2.34	0.42	1.20	0.17	1.09	0.15	0.8	15.5	8.9	38	28.1	2.0	<0.1	<0.1	<0.1
38977	Soil			377.4	52.38	14.00	31.27	3.88	16.68	2.43	5.53	0.70	3.90	0.48	6.8	19.3	33.5	126	36.2	2.5	0.5	<0.1	0.3
38978	Soil			46.8	6.19	1.68	4.07	0.50	2.84	0.49	1.25	0.19	1.07	0.16	1.4	9.5	10.1	34	24.8	1.4	0.1	<0.1	<0.1
38979	Soil			54.2	8.11	2.12	5.43	0.70	4.22	0.69	1.81	0.27	1.54	0.23	1.7	18.9	7.3	45	28.1	1.7	0.1	<0.1	<0.1
38980	Soil			96.3	14.00	3.65	8.91	1.32	5.94	0.98	2.44	0.32	1.92	0.27	2.1	25.1	13.4	73	34.4	2.1	0.1	<0.1	0.1
38981	Soil			241.6	33.22	8.23	16.80	1.93	7.82	1.18	3.12	0.42	2.59	0.35	56.2	26.0	48.7	177	23.6	10.5	0.5	0.2	0.3
38982	Soil			126.8	20.29	5.64	14.64	2.08	9.32	1.59	3.70	0.47	2.61	0.34	4.0	23.1	14.0	76	31.6	3.4	0.2	<0.1	0.1
38983	Soil			125.1	19.51	5.52	14.07	2.04	9.78	1.53	3.76	0.48	2.69	0.34	4.1	84.8	13.6	43	13.7	1.4	0.4	<0.1	0.1
38984	Soil			57.2	8.98	2.25	5.93	0.74	3.97	0.71	1.99	0.26	1.50	0.23	1.9	12.9	8.0	48	24.5	1.4	0.2	<0.1	<0.1
38985	Soil			59.0	8.75	2.21	5.69	0.67	3.78	0.61	1.64	0.25	1.34	0.21	1.9	11.6	11.1	43	24.7	2.1	<0.1	<0.1	0.1
38986	Soil			76.6	10.70	3.14	7.61	0.99	5.60	1.02	2.78	0.38	2.27	0.33	1.3	30.5	6.5	69	97.3	1.0	0.1	<0.1	<0.1

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**Project:** ELDOR CARBONATITE  
**Report Date:** January 29, 2008

**Page:** 4 of 7 **Part** 3

**CERTIFICATE OF ANALYSIS**

**VAN07000530.2**

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
38951	Soil	<0.1	0.9	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38952	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38953	Soil	<0.1	1.5	<0.01	<0.1	<0.5	<1	<0.1	<0.5
38954	Soil	0.1	1.4	0.07	<0.1	0.8	<1	<0.1	<0.5
38955	Soil	<0.1	2.1	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38956	Soil	<0.1	<0.5	0.02	0.2	<0.5	N.A.	N.A.	N.A.
38957	Soil	0.1	0.7	0.05	0.2	<0.5	N.A.	N.A.	N.A.
38958	Soil	0.1	1.6	0.15	0.3	<0.5	N.A.	N.A.	N.A.
38959	Soil	<0.1	<0.5	0.02	0.2	<0.5	N.A.	N.A.	N.A.
38960	Soil	0.1	2.1	0.03	0.4	<0.5	N.A.	N.A.	N.A.
38961	Soil	<0.1	<0.5	0.02	0.1	<0.5	N.A.	N.A.	N.A.
38962	Soil	0.1	0.9	0.06	0.3	<0.5	N.A.	N.A.	N.A.
38963	Soil	<0.1	1.3	0.03	0.2	<0.5	N.A.	N.A.	N.A.
38964	Soil	<0.1	1.3	0.03	0.2	<0.5	N.A.	N.A.	N.A.
38965	Soil	0.1	0.7	0.06	0.1	<0.5	N.A.	N.A.	N.A.
38966	Soil	<0.1	1.9	0.04	0.1	<0.5	N.A.	N.A.	N.A.
38967	Soil	<0.1	2.2	0.02	0.2	<0.5	N.A.	N.A.	N.A.
38968	Soil	<0.1	0.7	0.02	0.1	<0.5	N.A.	N.A.	N.A.
38969	Soil	<0.1	0.6	0.02	0.2	0.9	N.A.	N.A.	N.A.
38976	Soil	<0.1	0.8	0.02	0.1	<0.5	N.A.	N.A.	N.A.
38977	Soil	0.1	<0.5	0.06	0.1	2.2	N.A.	N.A.	N.A.
38978	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38979	Soil	<0.1	0.8	<0.01	0.1	0.5	N.A.	N.A.	N.A.
38980	Soil	<0.1	1.3	0.01	0.1	0.7	N.A.	N.A.	N.A.
38981	Soil	0.2	1.2	0.04	0.1	0.7	N.A.	N.A.	N.A.
38982	Soil	0.1	0.5	0.03	0.1	1.0	N.A.	N.A.	N.A.
38983	Soil	0.1	0.8	0.07	<0.1	1.9	N.A.	N.A.	N.A.
38984	Soil	<0.1	0.6	0.02	<0.1	0.8	N.A.	N.A.	N.A.
38985	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38986	Soil	0.1	<0.5	0.04	<0.1	1.7	N.A.	N.A.	N.A.

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Project: ELDOR CARBONATITE

Report Date: January 29, 2008

Page: 5 of 7 Part 1

# CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
38987	Soil	878	3	45.4	2.2	18.5	5.0	79.9	62.4	3	154.9	5.3	14.2	6.4	248	2.2	180.3	26.8	40.8	125.0	11.37
38988	Soil	259	1	22.1	0.8	4.4	1.6	55.5	21.6	<1	370.4	1.0	8.9	15.8	30	<0.5	51.7	18.5	76.3	125.2	16.81
38989	Soil	630	2	15.6	1.2	14.5	4.4	103.1	67.6	1	366.4	1.4	19.8	1.3	79	0.8	137.4	23.1	88.1	214.6	22.60
38990	Soil	683	2	17.1	1.4	14.4	3.9	203.9	68.7	2	412.4	3.0	24.2	3.4	78	1.2	148.0	29.2	132.6	265.2	33.24
38991	Soil	689	4	16.8	1.5	16.6	3.9	228.8	70.5	3	344.2	8.2	46.0	6.7	99	2.6	144.4	49.0	249.4	430.1	57.81
38992	Soil	670	2	16.6	1.8	14.9	3.9	150.8	73.9	2	406.5	3.2	29.7	3.2	87	2.2	140.9	39.5	166.6	309.8	40.20
38993	Soil	695	3	19.2	2.3	16.0	4.3	100.4	74.4	2	326.0	2.4	27.3	4.7	101	1.7	150.3	35.4	151.3	264.6	34.53
38994	Soil	614	6	24.5	1.4	12.9	4.3	444.4	45.9	5	987.4	37.2	104.8	37.7	141	2.8	166.1	171.9	699.5	1131	159.7
38995	Soil	677	5	20.4	1.7	15.1	4.3	228.6	85.6	3	419.4	6.3	39.2	4.6	111	2.7	147.3	51.4	243.0	442.7	60.93
38996	Soil	658	7	26.3	2.0	15.8	4.8	394.1	61.3	4	380.3	27.8	64.4	20.5	164	4.2	176.5	49.8	266.6	508.7	67.13
38997	Soil	608	6	21.2	1.6	14.9	4.5	351.4	65.6	3	491.2	19.4	32.1	8.0	140	3.1	200.1	53.2	200.4	363.6	47.68
38998	Soil	567	8	22.9	1.3	14.5	4.2	358.1	73.4	3	641.2	9.1	49.7	4.7	135	6.3	143.3	70.5	283.3	462.5	60.25
38999	Soil	540	8	23.3	1.8	15.3	5.1	473.9	61.1	4	385.4	20.0	55.9	13.3	133	5.4	172.8	87.3	477.6	697.8	104.1
39000	Soil	498	6	22.9	1.2	13.9	4.5	353.9	56.4	3	364.4	10.8	39.3	6.3	121	6.1	178.5	55.9	248.5	431.4	54.25
28730	Soil	709	3	14.8	1.4	16.1	4.8	143.1	77.5	2	380.6	1.8	25.8	1.4	79	1.0	166.8	27.6	108.2	258.6	27.68
39126	Soil	519	1	40.4	0.9	17.0	5.4	50.4	34.3	2	168.6	3.2	7.5	3.5	216	1.7	197.8	40.9	142.6	215.4	23.79
39127	Soil	1031	<1	69.4	0.8	17.5	4.8	44.6	52.7	1	272.0	2.9	7.5	3.4	288	<0.5	163.9	28.3	51.5	84.9	13.58
39128	Soil	661	3	41.5	1.0	20.5	6.5	74.4	40.3	2	240.2	4.9	9.7	2.2	258	2.8	245.2	30.1	71.7	116.7	17.51
39129	Soil	170	2	51.7	0.3	19.5	5.1	45.3	10.9	2	225.4	3.0	5.1	0.8	280	0.9	188.4	26.4	48.6	85.9	12.98
39130	Soil	552	3	30.1	1.3	18.2	5.5	55.0	53.9	2	209.8	2.7	11.4	1.2	187	2.6	195.1	24.1	59.9	94.9	14.03
39131	Soil	675	3	29.6	1.3	18.1	6.0	65.5	56.6	2	258.6	3.3	11.4	1.7	187	2.4	208.9	26.3	75.1	115.7	16.66
39132	Soil	522	1	18.4	1.7	16.4	5.4	27.7	73.8	<1	216.8	1.4	8.7	1.1	124	1.8	186.5	13.0	35.4	56.2	8.15
39133	Soil	500	1	20.7	1.4	17.8	5.0	36.9	60.7	1	193.2	1.8	9.4	1.2	149	2.3	180.8	15.4	39.1	62.6	8.86
39134	Soil	648	<1	15.9	1.6	16.2	4.7	19.0	74.7	1	237.9	1.0	8.0	1.3	96	1.2	166.0	12.1	30.6	50.8	6.74
39135	Soil	648	1	21.2	1.2	15.4	6.0	28.6	61.1	<1	276.7	1.3	9.2	1.0	139	2.2	211.1	18.4	42.3	67.1	9.96
39136	Soil	623	1	20.7	1.5	16.0	5.0	24.5	70.7	1	269.1	1.1	9.2	1.0	127	2.2	176.5	18.3	37.3	58.1	8.63
39137	Soil	623	<1	9.0	1.3	14.4	4.6	5.8	75.3	2	287.1	0.4	5.8	0.9	62	0.7	158.1	8.9	20.7	40.4	4.66
39138	Soil	686	<1	10.1	1.7	15.6	4.8	7.6	80.5	2	283.5	0.6	8.1	1.4	70	0.7	156.4	12.0	28.4	54.2	6.32
39139	Soil	423	3	51.2	1.6	18.9	7.5	61.0	27.8	3	127.3	3.7	9.7	2.7	361	1.1	344.7	38.2	53.1	115.0	14.57
39140	Soil	640	1	11.7	1.4	15.0	4.5	8.4	77.3	1	291.4	0.4	6.9	1.0	73	0.7	169.2	10.0	22.3	47.7	5.13

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Project:

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Report Date:

January 29, 2008

Page:

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CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
38987	Soil	43.7	7.81	2.13	6.43	0.88	5.13	0.92	2.54	0.35	2.15	0.30	17.9	113.8	17.1	219	88.6	17.0	0.6	0.5	0.2
38988	Soil	59.4	8.37	2.26	5.94	0.69	3.71	0.62	1.56	0.21	1.10	0.17	2.2	72.8	7.9	164	162.1	2.9	1.4	0.2	<0.1
38989	Soil	84.2	11.75	3.11	7.74	0.96	5.21	0.82	2.05	0.31	1.57	0.22	1.9	14.3	14.4	58	39.7	2.2	0.2	<0.1	<0.1
38990	Soil	123.8	17.12	4.46	10.76	1.54	6.64	1.11	2.50	0.34	2.01	0.27	4.7	21.6	13.7	77	42.6	2.7	0.3	0.1	0.1
38991	Soil	217.3	30.02	8.00	19.50	2.65	11.75	1.83	4.30	0.56	3.08	0.41	3.7	18.3	48.9	96	43.8	2.6	0.2	<0.1	0.2
38992	Soil	151.3	19.76	5.25	12.92	1.86	8.86	1.42	3.32	0.43	2.46	0.33	5.1	31.7	17.2	106	53.0	2.7	0.4	<0.1	0.1
38993	Soil	132.3	17.20	4.51	11.08	1.58	7.10	1.18	2.91	0.40	2.33	0.33	4.8	48.2	20.2	118	67.5	2.9	0.4	<0.1	0.2
38994	Soil	619.8	84.61	23.68	58.47	8.14	38.97	6.08	14.19	1.80	9.90	1.19	20.4	16.8	50.2	174	65.6	4.1	0.8	0.2	0.3
38995	Soil	241.8	33.08	8.70	20.34	2.64	11.50	1.78	4.27	0.63	3.53	0.47	12.5	32.2	28.2	121	56.2	3.1	0.7	<0.1	0.2
38996	Soil	257.3	34.22	8.67	20.33	2.79	11.90	1.84	4.51	0.57	3.48	0.45	13.7	28.6	40.9	146	51.1	4.2	0.5	0.1	0.2
38997	Soil	186.9	25.74	6.99	17.43	2.54	11.90	1.91	4.81	0.60	3.64	0.50	8.8	38.2	15.9	103	50.6	4.1	0.4	0.1	0.1
38998	Soil	229.0	33.30	9.48	24.75	3.53	16.08	2.54	6.20	0.79	4.45	0.59	8.7	48.9	20.7	126	68.3	3.3	0.5	<0.1	0.1
38999	Soil	381.9	49.21	13.45	32.85	4.49	20.09	3.14	7.39	1.01	5.72	0.75	8.8	23.2	23.4	120	73.0	3.3	0.7	<0.1	0.2
39000	Soil	196.0	27.79	7.47	18.95	2.78	12.48	2.01	4.79	0.61	3.52	0.45	9.1	19.9	19.7	79	56.2	2.4	0.3	<0.1	0.1
28730	Soil	107.9	15.30	4.01	9.95	1.45	6.33	1.09	2.62	0.35	2.10	0.28	1.6	15.7	13.4	58	35.8	2.6	0.2	<0.1	0.1
39126	Soil	83.1	10.85	3.16	10.34	1.62	7.70	1.42	3.50	0.44	2.56	0.37	3.2	166.7	4.4	174	102.9	0.7	0.2	<0.1	<0.1
39127	Soil	58.0	8.96	2.65	7.75	1.01	5.68	1.06	2.80	0.36	2.26	0.33	2.6	133.3	4.7	123	127.2	<0.5	0.5	<0.1	<0.1
39128	Soil	70.4	10.58	2.98	8.87	1.31	6.31	1.13	2.91	0.39	2.45	0.33	2.1	87.8	6.4	102	85.6	1.0	0.3	<0.1	<0.1
39129	Soil	54.3	8.43	2.70	7.57	0.94	5.43	0.97	2.64	0.32	2.01	0.27	0.2	59.2	2.2	68	91.3	<0.5	<0.1	<0.1	<0.1
39130	Soil	54.4	8.25	2.30	6.71	0.86	4.87	0.89	2.39	0.35	1.97	0.29	0.7	74.6	5.3	68	72.7	1.5	<0.1	<0.1	<0.1
39131	Soil	64.6	9.50	2.65	7.36	0.91	5.58	0.98	2.48	0.35	2.10	0.29	0.5	70.5	7.1	70	64.5	1.6	0.1	<0.1	<0.1
39132	Soil	31.6	4.63	1.21	3.36	0.45	2.69	0.48	1.38	0.20	1.14	0.18	1.0	17.8	5.9	47	39.9	1.6	<0.1	<0.1	<0.1
39133	Soil	34.2	4.93	1.22	3.65	0.49	2.94	0.55	1.46	0.22	1.30	0.19	0.7	32.2	6.2	47	46.7	1.4	<0.1	<0.1	<0.1
39134	Soil	25.9	3.86	1.03	2.88	0.37	2.10	0.40	1.15	0.17	1.09	0.16	0.6	19.8	7.3	40	36.5	2.0	<0.1	<0.1	<0.1
39135	Soil	39.9	5.91	1.49	4.53	0.56	3.37	0.63	1.78	0.25	1.64	0.23	2.3	42.7	5.2	45	39.1	1.6	0.1	<0.1	<0.1
39136	Soil	33.6	5.19	1.35	4.09	0.56	3.32	0.62	1.71	0.26	1.57	0.22	0.4	54.8	6.5	51	37.7	1.7	<0.1	<0.1	<0.1
39137	Soil	17.8	2.63	0.74	1.83	0.31	1.62	0.32	0.89	0.17	0.89	0.15	0.7	10.9	5.1	26	17.8	1.7	<0.1	<0.1	<0.1
39138	Soil	24.6	3.61	0.88	2.66	0.41	2.38	0.43	1.23	0.19	1.18	0.18	0.4	16.2	5.8	28	19.8	1.4	<0.1	<0.1	<0.1
39139	Soil	62.7	10.29	3.01	8.85	1.40	7.66	1.47	3.70	0.56	3.28	0.47	4.9	178.2	6.1	93	60.7	1.1	0.2	<0.1	<0.1
39140	Soil	19.8	3.19	0.80	2.29	0.36	1.82	0.39	1.07	0.16	1.00	0.14	0.5	15.8	5.6	32	20.9	2.0	<0.1	<0.1	<0.1

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January 29, 2008

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Part 3

CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
38987	Soil	0.2	<0.5	0.03	0.6	3.1	<1	0.7	<0.5
38988	Soil	0.2	0.9	0.08	0.3	2.6	<1	0.6	0.5
38989	Soil	<0.1	0.7	<0.01	0.1	0.6	N.A.	N.A.	N.A.
38990	Soil	<0.1	0.8	0.02	0.1	0.7	N.A.	N.A.	N.A.
38991	Soil	<0.1	0.7	0.02	0.2	0.7	N.A.	N.A.	N.A.
38992	Soil	<0.1	<0.5	0.03	0.2	1.3	N.A.	N.A.	N.A.
38993	Soil	0.1	1.3	0.05	0.2	1.8	N.A.	N.A.	N.A.
38994	Soil	0.2	1.5	0.05	0.3	3.5	N.A.	N.A.	N.A.
38995	Soil	0.1	2.5	0.04	0.2	0.9	N.A.	N.A.	N.A.
38996	Soil	0.1	1.5	0.02	0.2	1.4	N.A.	N.A.	N.A.
38997	Soil	0.1	0.5	0.03	0.3	1.1	N.A.	N.A.	N.A.
38998	Soil	0.1	2.5	0.02	0.2	1.5	N.A.	N.A.	N.A.
38999	Soil	<0.1	0.7	0.03	0.3	2.2	N.A.	N.A.	N.A.
39000	Soil	<0.1	0.6	0.03	0.1	1.3	N.A.	N.A.	N.A.
28730	Soil	<0.1	0.9	0.01	0.1	0.5	N.A.	N.A.	N.A.
39126	Soil	<0.1	1.6	0.02	0.2	1.0	<1	2.1	1.8
39127	Soil	<0.1	<0.5	<0.01	0.4	1.2	<1	0.5	<0.5
39128	Soil	<0.1	0.8	0.01	<0.1	0.7	N.A.	N.A.	N.A.
39129	Soil	<0.1	1.1	<0.01	<0.1	0.6	N.A.	N.A.	N.A.
39130	Soil	<0.1	1.0	0.01	<0.1	0.5	N.A.	N.A.	N.A.
39131	Soil	<0.1	0.7	0.02	<0.1	0.6	N.A.	N.A.	N.A.
39132	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39133	Soil	<0.1	2.0	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39134	Soil	<0.1	14.3	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39135	Soil	<0.1	<0.5	<0.01	<0.1	0.8	N.A.	N.A.	N.A.
39136	Soil	<0.1	1.2	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39137	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39138	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39139	Soil	<0.1	<0.5	0.02	<0.1	0.7	<1	1.9	<0.5
39140	Soil	<0.1	1.9	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.

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Project:

ELDOR CARBONATITE

Report Date:

January 29, 2008

Page:

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CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		1	1	0.2	0.1	0.5	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	
39141	Soil	619	2	18.7	1.6	15.8	4.6	21.3	70.7	<1	267.8	1.0	8.5	1.0	111	2.0	160.7	15.8	33.4	66.5	7.86
39142	Soil	603	<1	16.2	1.5	15.1	3.6	8.7	77.7	<1	243.8	0.5	7.6	0.9	89	0.7	129.6	11.5	20.2	41.3	4.77
39143	Soil	637	3	20.1	1.7	17.0	5.2	29.6	73.7	1	248.5	1.3	9.0	1.0	130	2.1	174.3	17.1	45.3	86.0	10.17
39144	Soil	591	1	14.4	1.6	15.6	4.9	13.3	77.5	<1	246.6	0.6	7.5	1.1	93	0.9	160.6	10.6	21.0	42.8	4.85
39145	Soil	634	1	13.2	1.3	14.4	3.0	8.4	74.1	<1	303.8	0.3	7.3	0.8	65	0.7	105.4	9.6	18.9	38.7	4.35
39146	Soil	548	<1	12.9	1.4	13.8	2.7	7.2	69.2	<1	281.0	0.4	5.8	0.9	76	<0.5	101.1	9.7	16.9	35.0	3.89
39147	Soil	557	2	9.7	1.3	14.3	4.5	23.5	62.8	<1	261.2	0.8	6.9	0.8	98	1.9	162.7	9.3	29.8	56.4	6.51
39148	Soil	545	7	31.2	1.9	16.0	5.3	60.2	57.2	1	180.2	2.0	11.2	1.1	168	4.2	200.7	22.3	56.5	112.5	12.82
39149	Soil	549	2	18.9	1.4	14.0	6.5	36.5	57.5	<1	239.5	1.3	8.0	1.0	117	2.5	222.2	16.4	37.3	74.4	8.66
39150	Soil	465	9	34.0	2.4	17.6	5.9	67.4	67.6	1	198.7	2.3	10.9	1.8	225	6.1	227.4	27.4	70.9	134.8	16.40
38126	Soil	414	4	44.4	2.3	18.5	5.5	95.1	70.4	2	127.1	2.9	14.4	0.7	262	5.6	221.1	25.8	90.4	170.7	20.43
38127	Soil	452	12	43.6	2.5	18.8	6.1	93.2	56.4	2	141.2	2.7	10.8	0.8	266	6.2	221.2	26.8	59.7	116.4	14.76
39001	Soil	592	<1	31.9	1.3	15.8	3.8	13.0	60.6	<1	224.3	0.7	4.2	0.7	164	0.6	124.1	14.0	21.1	47.0	4.91
39002	Soil	556	<1	7.6	1.7	16.3	5.0	14.9	75.6	<1	250.5	0.9	5.5	1.5	166	0.6	164.5	9.5	13.9	25.1	3.15
39003	Soil	578	1	21.6	1.4	14.7	4.3	18.9	72.4	<1	223.7	1.1	7.8	3.8	137	0.6	157.3	12.6	21.7	43.1	5.06
39004	Soil	634	1	11.6	1.5	15.0	5.5	9.9	75.5	<1	278.9	0.6	5.9	1.4	87	0.6	182.9	9.6	18.2	30.7	4.05
39005	Soil	584	<1	11.9	1.5	15.1	4.7	16.2	70.9	1	271.8	0.7	7.5	1.6	117	0.5	162.8	10.7	19.9	34.2	4.72
39006	Soil	739	1	15.0	1.5	18.9	5.0	33.5	72.5	1	231.2	1.6	7.5	2.3	160	0.8	178.2	11.6	19.0	82.5	4.31
39007	Soil	541	1	18.2	1.2	14.9	5.6	21.6	57.5	<1	244.3	1.1	8.2	2.0	139	0.5	192.7	13.0	26.6	43.4	6.15
39008	Soil	611	1	8.2	1.2	12.8	5.4	5.2	69.2	<1	284.4	0.2	7.6	1.0	49	<0.5	172.3	7.2	22.0	42.5	4.98
39009	Soil	616	1	21.6	4.6	13.0	4.6	360.4	78.8	1	499.5	17.6	47.2	10.0	87	0.8	208.6	41.7	255.8	472.0	56.17
39010	Soil	659	1	11.9	1.1	14.6	5.0	6.7	73.7	<1	325.4	0.4	7.7	1.1	62	<0.5	167.8	11.8	22.8	42.5	5.05
39011	Soil	642	1	10.9	1.2	13.7	3.5	7.2	69.9	<1	283.0	0.4	5.2	0.8	64	<0.5	120.0	8.4	18.1	34.7	3.87
39012	Soil	667	1	16.3	1.3	16.4	3.7	7.3	67.6	<1	345.7	0.4	9.7	1.1	88	<0.5	120.9	12.9	27.9	54.9	6.30
39013	Soil	678	<1	22.8	2.4	8.7	2.7	7.0	36.5	<1	187.6	0.3	6.4	11.4	55	<0.5	97.7	27.9	92.4	102.3	16.21
39014	Soil	558	1	21.0	2.1	11.0	3.7	7.8	41.4	<1	236.6	0.3	6.8	8.9	66	<0.5	124.3	20.7	60.3	76.9	10.92
39015	Soil	259	1	20.3	1.4	13.6	2.8	5.3	26.3	<1	345.4	0.3	9.8	12.3	63	<0.5	95.0	12.8	39.2	55.2	7.79
39016	Soil	777	1	14.4	1.5	14.2	3.6	5.6	76.7	<1	325.0	0.3	7.7	1.0	59	<0.5	134.3	11.8	27.9	48.3	6.10
39017	Soil	400	2	38.6	1.6	17.9	2.9	17.6	72.5	<1	80.1	1.1	3.0	1.1	287	1.2	98.3	15.5	14.6	33.7	3.67
39018	Soil	642	1	11.2	1.0	14.7	4.3	4.9	74.1	<1	327.6	0.4	5.2	1.6	55	<0.5	144.7	10.0	19.2	39.0	4.41

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Project: ELDOR CARBONATITE  
 Report Date: January 29, 2008

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CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	Unit	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
			Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
39141	Soil		30.4	4.84	1.25	3.48	0.55	2.66	0.57	1.62	0.24	1.39	0.20	0.6	32.7	6.7	42	44.1	2.0	<0.1	<0.1	<0.1
39142	Soil		17.4	2.98	0.83	2.24	0.37	2.07	0.42	1.05	0.18	1.03	0.16	1.3	11.1	6.8	37	22.5	2.6	<0.1	<0.1	<0.1
39143	Soil		37.7	5.94	1.49	4.17	0.65	3.26	0.60	1.69	0.23	1.54	0.23	0.9	39.9	7.8	46	44.5	1.5	<0.1	<0.1	<0.1
39144	Soil		18.2	3.01	0.79	2.22	0.33	1.84	0.36	1.01	0.16	1.00	0.15	0.6	14.1	6.8	35	23.3	2.0	0.1	<0.1	<0.1
39145	Soil		16.1	2.75	0.83	2.02	0.32	1.72	0.33	0.99	0.15	0.92	0.13	0.9	15.8	4.7	25	24.7	1.2	<0.1	<0.1	<0.1
39146	Soil		14.4	2.45	0.64	1.68	0.28	1.49	0.31	0.93	0.15	0.93	0.14	0.4	11.0	6.9	30	16.7	1.7	<0.1	<0.1	<0.1
39147	Soil		23.0	3.55	0.96	2.33	0.33	1.75	0.32	0.87	0.13	0.85	0.12	0.9	12.3	6.0	25	23.9	4.1	<0.1	<0.1	<0.1
39148	Soil		46.3	7.95	2.16	5.78	0.85	4.41	0.79	2.20	0.31	1.89	0.25	0.7	90.2	22.2	67	77.0	1.7	0.2	<0.1	<0.1
39149	Soil		32.5	5.05	1.46	3.90	0.62	3.13	0.60	1.59	0.24	1.36	0.20	0.6	44.1	5.8	45	51.4	1.5	<0.1	<0.1	<0.1
39150	Soil		60.6	9.53	2.63	7.02	1.04	5.21	0.94	2.46	0.37	2.38	0.32	0.6	85.0	7.7	93	95.3	<0.5	<0.1	<0.1	<0.1
38126	Soil		76.8	11.43	2.98	7.58	1.06	5.33	0.90	2.47	0.37	2.14	0.32	0.7	102.6	7.0	95	79.1	0.7	0.1	<0.1	<0.1
38127	Soil		58.7	9.25	2.64	7.03	1.08	5.32	0.99	2.60	0.37	2.28	0.32	0.4	70.5	7.1	81	95.2	0.8	<0.1	<0.1	<0.1
39001	Soil		22.2	3.80	1.08	3.34	0.51	2.84	0.55	1.46	0.24	1.31	0.18	0.6	22.6	5.4	72	27.9	16.8	0.2	<0.1	<0.1
39002	Soil		12.8	2.02	0.72	1.85	0.31	1.76	0.35	1.05	0.15	1.10	0.17	2.2	9.5	6.7	47	15.6	70.3	<0.1	0.1	<0.1
39003	Soil		20.5	3.46	0.98	2.80	0.48	2.51	0.48	1.35	0.20	1.20	0.18	5.1	45.1	13.5	174	29.1	15.3	0.4	0.5	<0.1
39004	Soil		18.0	2.83	0.79	2.16	0.35	2.08	0.38	1.17	0.17	1.15	0.18	1.4	14.8	7.0	41	19.8	6.4	<0.1	0.1	<0.1
39005	Soil		21.0	3.19	0.89	2.61	0.42	2.21	0.43	1.20	0.19	1.13	0.16	1.9	13.4	7.7	67	22.5	11.5	0.1	0.1	<0.1
39006	Soil		19.8	3.17	0.88	2.37	0.46	2.53	0.50	1.37	0.21	1.39	0.23	3.2	15.1	14.7	64	20.8	15.9	<0.1	0.5	0.1
39007	Soil		29.1	4.18	1.12	3.46	0.56	2.97	0.56	1.57	0.27	1.43	0.22	2.0	34.0	8.7	61	27.5	9.4	0.1	0.3	<0.1
39008	Soil		19.4	3.03	0.70	2.09	0.31	1.64	0.31	0.82	0.14	0.81	0.12	0.3	10.9	7.5	26	17.5	1.7	<0.1	<0.1	<0.1
39009	Soil		213.1	25.42	6.71	15.55	2.14	9.91	1.57	3.84	0.56	2.95	0.39	5.1	26.3	14.3	110	23.7	6.2	0.5	0.2	<0.1
39010	Soil		20.6	3.23	0.86	2.63	0.38	2.13	0.42	1.16	0.18	1.15	0.17	0.4	17.6	6.1	33	19.3	1.8	<0.1	<0.1	<0.1
39011	Soil		14.6	2.59	0.69	1.81	0.29	1.60	0.31	0.86	0.14	0.86	0.13	0.7	13.1	8.0	33	18.4	2.7	<0.1	<0.1	<0.1
39012	Soil		24.8	4.15	0.92	3.22	0.45	2.51	0.46	1.23	0.20	1.26	0.19	0.6	13.5	6.4	54	26.7	2.7	0.2	<0.1	<0.1
39013	Soil		59.2	8.00	2.08	6.33	0.87	4.51	0.82	2.09	0.31	1.79	0.28	5.5	60.3	9.6	435	110.0	12.7	2.4	0.2	<0.1
39014	Soil		42.0	6.26	1.51	4.78	0.66	3.42	0.66	1.78	0.26	1.53	0.23	4.3	53.5	9.6	396	70.1	15.1	1.6	0.1	<0.1
39015	Soil		30.5	4.55	1.16	3.38	0.49	2.41	0.45	1.19	0.19	1.04	0.17	1.8	44.8	19.4	80	42.2	2.0	0.7	<0.1	<0.1
39016	Soil		24.2	3.97	1.02	2.94	0.42	2.13	0.38	1.15	0.16	1.06	0.16	0.7	27.5	16.6	34	25.9	6.4	<0.1	0.2	<0.1
39017	Soil		15.6	2.92	0.74	2.71	0.49	3.00	0.59	1.67	0.27	1.44	0.21	5.8	7.3	3.4	101	10.0	19.6	0.1	<0.1	<0.1
39018	Soil		16.1	2.83	0.76	2.09	0.33	1.93	0.35	0.99	0.17	1.01	0.15	4.0	11.3	5.6	25	18.4	1.5	<0.1	<0.1	<0.1

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Project:

ELDOR CARBONATITE

Report Date:

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Part 3

# CERTIFICATE OF ANALYSIS

VAN07000530.2

Method	Analyte	Unit	MDL	1DX Ag	1DX Au	1DX Hg	1DX Tl	1DX Se	3BMS Au	3BMS Pt	3BMS Pd
				ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
39141	Soil			<0.1	<0.5	<0.01	0.1	0.6	N.A.	N.A.	N.A.
39142	Soil			<0.1	1.6	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39143	Soil			<0.1	2.3	<0.01	<0.1	0.5	N.A.	N.A.	N.A.
39144	Soil			<0.1	1.0	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39145	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39146	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39147	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39148	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39149	Soil			<0.1	1.3	<0.01	<0.1	0.7	N.A.	N.A.	N.A.
39150	Soil			<0.1	1.1	<0.01	<0.1	0.7	N.A.	N.A.	N.A.
38126	Soil			<0.1	0.6	<0.01	<0.1	0.8	<1	6.3	4.1
38127	Soil			<0.1	1.6	<0.01	<0.1	1.2	N.A.	N.A.	N.A.
39001	Soil			<0.1	<0.5	<0.01	<0.1	0.5	N.A.	N.A.	N.A.
39002	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39003	Soil			0.4	<0.5	0.01	<0.1	1.6	N.A.	N.A.	N.A.
39004	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39005	Soil			0.1	0.7	<0.01	<0.1	1.4	N.A.	N.A.	N.A.
39006	Soil			<0.1	4.9	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39007	Soil			0.1	<0.5	<0.01	0.1	1.1	N.A.	N.A.	N.A.
39008	Soil			<0.1	<0.5	<0.01	<0.1	0.6	N.A.	N.A.	N.A.
39009	Soil			<0.1	0.9	0.09	0.5	1.2	N.A.	N.A.	N.A.
39010	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39011	Soil			<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39012	Soil			<0.1	<0.5	0.02	<0.1	0.7	N.A.	N.A.	N.A.
39013	Soil			0.1	<0.5	0.11	0.3	6.2	<1	<0.1	<0.5
39014	Soil			<0.1	0.6	0.07	0.2	5.0	N.A.	N.A.	N.A.
39015	Soil			0.1	<0.5	0.05	0.1	2.0	N.A.	N.A.	N.A.
39016	Soil			<0.1	<0.5	<0.01	0.2	<0.5	N.A.	N.A.	N.A.
39017	Soil			<0.1	<0.5	<0.01	<0.1	0.9	N.A.	N.A.	N.A.
39018	Soil			<0.1	<0.5	<0.01	<0.1	1.0	N.A.	N.A.	N.A.

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Project: ELDOR CARBONATITE

Report Date: January 29, 2008

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**CERTIFICATE OF ANALYSIS** **VAN07000530.2**

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	
39019	Soil	646	1	11.9	1.6	16.6	4.3	5.7	82.1	<1	299.5	0.4	7.8	1.0	70	<0.5	150.0	10.3	22.7	45.8	5.06
39020	Soil	775	1	9.5	1.1	16.0	6.1	7.3	71.4	<1	454.3	0.2	7.4	1.1	61	<0.5	216.3	14.1	26.1	49.7	6.14
39021	Soil	638	1	11.0	1.4	16.8	5.4	9.3	79.5	<1	313.4	0.6	7.1	1.0	64	0.5	177.5	10.6	20.7	42.7	4.57
39022	Soil	682	2	9.3	1.0	14.9	6.3	8.6	67.0	<1	343.3	0.5	7.0	0.9	58	0.7	205.4	11.9	23.3	46.6	5.44
39023	Soil	803	2	14.0	2.0	18.3	4.7	9.1	97.0	1	397.3	0.5	4.5	0.9	86	0.6	158.4	10.1	22.1	42.0	5.11
39024	Soil	704	2	13.5	1.1	16.0	5.1	11.3	75.5	<1	320.8	0.7	8.5	1.1	77	0.7	177.7	14.6	32.0	61.3	7.10
39025	Soil	725	2	13.8	1.3	15.7	5.5	16.6	74.0	<1	326.2	0.8	9.1	1.4	77	<0.5	185.7	16.7	39.0	76.0	8.71
28731	Soil	692	2	16.9	1.4	17.2	4.3	7.2	89.7	<1	304.0	0.5	6.4	0.9	102	<0.5	136.6	9.8	19.9	40.7	4.60

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Project: ELDOR CARBONATITE

Report Date: January 29, 2008

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**CERTIFICATE OF ANALYSIS** **VAN07000530.2**

Method	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
Analyte	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	
39019	Soil	19.8	3.36	0.75	2.26	0.35	2.03	0.37	1.04	0.17	0.98	0.15	0.4	11.7	9.7	32	20.5	2.1	<0.1	<0.1	<0.1
39020	Soil	22.9	3.74	0.95	2.78	0.44	2.49	0.46	1.39	0.20	1.37	0.19	0.4	7.8	6.3	19	12.2	1.3	<0.1	<0.1	<0.1
39021	Soil	17.6	2.96	0.76	2.13	0.32	1.86	0.36	1.03	0.15	1.01	0.16	0.4	10.3	6.9	26	17.1	1.8	<0.1	<0.1	<0.1
39022	Soil	20.5	3.30	0.89	2.51	0.37	2.16	0.40	1.08	0.18	1.13	0.17	0.4	9.1	5.4	23	14.7	1.7	<0.1	<0.1	<0.1
39023	Soil	19.9	2.91	0.81	2.17	0.32	1.85	0.36	1.08	0.14	1.08	0.14	1.0	8.0	7.8	36	19.0	1.8	0.1	<0.1	<0.1
39024	Soil	25.9	4.31	1.07	3.13	0.48	2.82	0.50	1.45	0.23	1.32	0.20	1.5	23.9	5.3	33	23.2	1.9	0.1	<0.1	<0.1
39025	Soil	31.3	5.10	1.36	3.69	0.57	3.10	0.57	1.53	0.26	1.43	0.21	2.1	25.3	7.8	36	25.1	2.1	0.2	<0.1	<0.1
28731	Soil	17.5	3.18	0.85	2.16	0.32	1.80	0.34	0.98	0.16	0.96	0.14	0.9	8.6	8.6	39	20.4	1.9	0.1	<0.1	<0.1

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**CERTIFICATE OF ANALYSIS**

**VAN07000530.2**

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
39019	Soil	<0.1	0.8	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39020	Soil	<0.1	0.8	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39021	Soil	<0.1	0.8	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39022	Soil	<0.1	0.7	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39023	Soil	<0.1	1.3	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39024	Soil	<0.1	0.7	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39025	Soil	<0.1	0.9	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
28731	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.



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Part 1

QUALITY CONTROL REPORT

VAN07000530.2

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B				
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr		
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm				
Pulp Duplicates				1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02
39033	Soil			588	2	12.6	1.1	14.5	3.2	54.6	51.6	<1	347.9	1.0	13.5	4.8	75	1.4	97.1	17.4	59.1	100.0	13.19		
REP 39033	QC			609	2	14.0	1.3	13.5	3.2	50.7	51.5	<1	358.5	0.9	15.4	4.7	77	1.3	97.4	17.5	62.1	105.2	13.46		
39040	Soil			1419	3	36.7	1.3	16.7	5.4	95.6	49.2	2	212.8	5.6	9.7	5.4	171	1.2	192.6	31.7	103.0	190.2	22.83		
REP 39040	QC																								
29949	Soil			672	2	9.6	1.2	16.8	4.3	35.7	77.3	1	310.7	0.8	8.0	1.3	63	<0.5	142.0	11.0	31.4	57.6	6.59		
REP 29949	QC			702	1	9.5	1.4	16.5	4.6	23.7	79.6	<1	322.7	0.7	5.9	1.3	63	<0.5	159.1	11.0	30.7	58.5	6.81		
38955	Soil			429	5	36.5	2.0	25.3	6.0	76.6	90.2	3	129.6	3.3	11.7	0.9	276	19.5	215.5	30.6	81.0	141.1	19.31		
REP 38955	QC																								
38981	Soil			872	3	21.7	1.3	17.6	5.5	888.6	61.1	6	265.9	17.7	66.3	6.3	148	3.4	205.2	32.6	262.2	458.0	61.71		
REP 38981	QC																								
28730	Soil			709	3	14.8	1.4	16.1	4.8	143.1	77.5	2	380.6	1.8	25.8	1.4	79	1.0	166.8	27.6	108.2	258.6	27.68		
REP 28730	QC			705	2	15.5	1.3	15.6	4.5	172.1	75.1	2	381.6	2.1	24.2	1.7	76	1.3	143.8	27.4	107.4	262.8	28.01		
39137	Soil			623	<1	9.0	1.3	14.4	4.6	5.8	75.3	2	287.1	0.4	5.8	0.9	62	0.7	158.1	8.9	20.7	40.4	4.66		
REP 39137	QC																								
39145	Soil			634	1	13.2	1.3	14.4	3.0	8.4	74.1	<1	303.8	0.3	7.3	0.8	65	0.7	105.4	9.6	18.9	38.7	4.35		
REP 39145	QC			655	<1	13.4	1.3	14.0	3.5	8.7	75.5	<1	305.3	0.4	5.0	0.8	63	0.6	122.1	9.7	17.6	37.6	4.10		
39011	Soil			642	1	10.9	1.2	13.7	3.5	7.2	69.9	<1	283.0	0.4	5.2	0.8	64	<0.5	120.0	8.4	18.1	34.7	3.87		
REP 39011	QC																								
39025	Soil			725	2	13.8	1.3	15.7	5.5	16.6	74.0	<1	326.2	0.8	9.1	1.4	77	<0.5	185.7	16.7	39.0	76.0	8.71		
REP 39025	QC																								
28731	Soil			692	2	16.9	1.4	17.2	4.3	7.2	89.7	<1	304.0	0.5	6.4	0.9	102	<0.5	136.6	9.8	19.9	40.7	4.60		
REP 28731	QC			688	1	15.6	1.5	17.9	4.2	7.2	88.2	<1	305.7	0.5	6.2	0.9	96	<0.5	146.9	9.3	19.1	39.0	4.43		
Reference Materials																									
STD DS7	Standard																								
STD DS7	Standard																								
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Project: **ELDOR CARBONATITE**  
 Report Date: **January 29, 2008**

Page: 1 of 3 Part 2

## QUALITY CONTROL REPORT

VAN07000530.2

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
Pulp Duplicates																							
39033	Soil			48.5	8.27	2.17	5.60	0.78	3.76	0.64	1.56	0.22	1.29	0.19	1.6	35.3	10.1	38	27.4	0.9	<0.1	<0.1	<0.1
REP 39033	QC			48.6	8.23	2.22	5.57	0.78	3.59	0.64	1.48	0.24	1.23	0.20									
39040	Soil			85.7	13.44	3.76	9.77	1.38	6.67	1.13	2.73	0.41	2.13	0.29	3.1	86.6	9.4	77	93.2	2.4	0.1	<0.1	0.1
REP 39040	QC														3.2	87.6	9.9	79	93.9	2.3	0.1	<0.1	0.1
29949	Soil			24.8	3.19	1.07	2.33	0.38	1.99	0.37	1.05	0.15	0.98	0.14	0.9	16.2	8.4	31	21.3	1.6	<0.1	<0.1	<0.1
REP 29949	QC			25.2	3.34	1.04	2.44	0.37	2.15	0.38	1.00	0.16	1.08	0.14									
38955	Soil			79.4	11.62	3.72	8.41	1.27	6.86	1.20	3.27	0.48	2.80	0.41	3.9	47.7	10.1	120	67.3	<0.5	0.2	<0.1	<0.1
REP 38955	QC														3.7	44.0	10.1	121	66.6	<0.5	0.2	<0.1	<0.1
38981	Soil			241.6	33.22	8.23	16.80	1.93	7.82	1.18	3.12	0.42	2.59	0.35	56.2	26.0	48.7	177	23.6	10.5	0.5	0.2	0.3
REP 38981	QC														52.0	24.8	44.6	175	23.6	9.7	0.4	0.2	0.3
28730	Soil			107.9	15.30	4.01	9.95	1.45	6.33	1.09	2.62	0.35	2.10	0.28	1.6	15.7	13.4	58	35.8	2.6	0.2	<0.1	0.1
REP 28730	QC			110.5	15.46	4.06	10.36	1.47	6.43	0.99	2.60	0.35	2.02	0.28									
39137	Soil			17.8	2.63	0.74	1.83	0.31	1.62	0.32	0.89	0.17	0.89	0.15	0.7	10.9	5.1	26	17.8	1.7	<0.1	<0.1	<0.1
REP 39137	QC														0.6	10.6	5.1	26	19.1	1.3	<0.1	<0.1	<0.1
39145	Soil			16.1	2.75	0.83	2.02	0.32	1.72	0.33	0.99	0.15	0.92	0.13	0.9	15.8	4.7	25	24.7	1.2	<0.1	<0.1	<0.1
REP 39145	QC			15.4	2.54	0.78	1.97	0.33	1.60	0.33	0.98	0.14	0.91	0.14									
39011	Soil			14.6	2.59	0.69	1.81	0.29	1.60	0.31	0.86	0.14	0.86	0.13	0.7	13.1	8.0	33	18.4	2.7	<0.1	<0.1	<0.1
REP 39011	QC														0.8	14.1	7.9	37	19.3	3.4	<0.1	0.1	<0.1
39025	Soil			31.3	5.10	1.36	3.69	0.57	3.10	0.57	1.53	0.26	1.43	0.21	2.1	25.3	7.8	36	25.1	2.1	0.2	<0.1	<0.1
REP 39025	QC														2.1	24.7	7.3	33	24.5	2.3	0.2	<0.1	<0.1
28731	Soil			17.5	3.18	0.85	2.16	0.32	1.80	0.34	0.98	0.16	0.96	0.14	0.9	8.6	8.6	39	20.4	1.9	0.1	<0.1	<0.1
REP 28731	QC			17.4	2.95	0.77	2.09	0.32	1.83	0.34	0.88	0.15	0.93	0.14									
Reference Materials																							
STD DS7	Standard														21.0	106.0	69.7	396	59.5	49.5	6.2	4.5	4.6
STD DS7	Standard														20.4	108.4	71.1	379	55.4	47.2	6.4	4.3	4.5
STD DS7	Standard														20.7	105.6	77.1	399	58.2	48.6	6.6	4.6	5.0
STD DS7	Standard														23.9	116.8	86.1	431	62.2	56.4	6.9	4.9	5.7
STD DS7	Standard														23.2	109.1	72.7	420	59.6	54.8	6.6	4.3	4.6



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**Project:** ELDOR CARBONATITE

**Report Date:** January 29, 2008

**Page:** 1 of 3 **Part:** 3

**QUALITY CONTROL REPORT**

**VAN07000530.2**

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
Pulp Duplicates									
39033	Soil	<0.1	<0.5	0.04	0.1	1.4	N.A.	N.A.	N.A.
REP 39033	QC								
39040	Soil	0.1	<0.5	0.03	<0.1	0.8	N.A.	N.A.	N.A.
REP 39040	QC	0.1	<0.5	0.02	<0.1	0.8			
29949	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
REP 29949	QC								
38955	Soil	<0.1	2.1	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
REP 38955	QC	<0.1	1.1	0.02	<0.1	<0.5			
38981	Soil	0.2	1.2	0.04	0.1	0.7	N.A.	N.A.	N.A.
REP 38981	QC	0.1	1.9	0.04	0.1	0.6			
28730	Soil	<0.1	0.9	0.01	0.1	0.5	N.A.	N.A.	N.A.
REP 28730	QC								
39137	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 39137	QC	<0.1	<0.5	<0.01	<0.1	<0.5			
39145	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 39145	QC								
39011	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 39011	QC	<0.1	<0.5	<0.01	<0.1	0.7			
39025	Soil	<0.1	0.9	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 39025	QC	<0.1	4.7	0.01	<0.1	<0.5			
28731	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 28731	QC								
Reference Materials									
STD DS7	Standard	0.8	99.7	0.20	4.1	3.6			
STD DS7	Standard	0.8	49.5	0.19	4.1	3.3			
STD DS7	Standard	0.9	69.5	0.22	4.5	4.4			
STD DS7	Standard	0.9	61.7	0.24	5.0	4.5			
STD DS7	Standard	0.9	51.2	0.21	4.4	3.4			

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QUALITY CONTROL REPORT

VAN07000530.2

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm	
STD DS7	Standard	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD SO-18	Standard	500	<1	26.2	6.9	17.0	9.7	20.4	27.9	15	422.8	7.2	9.6	16.0	203	14.9	275.5	32.6	12.7	21.2	3.45	
STD SO-18	Standard	490	<1	25.4	6.2	18.0	9.2	18.8	27.1	14	400.1	7.0	9.9	16.1	197	14.0	255.7	31.5	11.9	20.5	3.34	
STD SO-18	Standard	494	<1	26.1	6.9	18.0	9.8	20.1	27.9	15	408.1	7.5	10.1	15.9	206	14.6	276.9	32.1	12.8	26.1	3.40	
STD SO-18	Standard	524	<1	27.0	7.2	17.2	9.4	20.8	28.6	16	419.2	7.5	10.4	16.2	205	15.5	279.5	33.3	12.3	27.3	3.51	
STD SO-18	Standard	510	<1	25.7	6.9	17.0	9.6	20.5	27.9	15	395.9	7.2	10.6	16.2	203	14.8	274.2	31.7	19.6	41.8	5.26	
STD SO-18	Standard	507	1	25.3	6.8	17.4	9.7	20.6	28.2	15	419.0	7.2	10.1	16.3	206	14.9	276.7	29.0	12.5	23.3	3.38	
STD SO-18	Standard	514	<1	28.4	6.9	17.4	9.9	20.5	28.5	15	420.6	7.4	10.0	16.7	207	15.3	279.4	33.1	12.8	27.0	3.60	
STD SO-18	Standard	483	<1	28.7	6.6	17.2	9.2	20.2	28.1	14	404.2	6.8	9.2	15.4	203	14.2	271.2	31.7	12.0	26.0	3.35	
STD SO-18	Standard	519	2	28.8	7.1	18.3	10.1	20.9	29.1	15	442.9	7.4	10.0	16.8	210	15.4	285.8	33.5	13.0	28.2	3.60	
STD SO-18	Standard	515	<1	28.5	7.0	17.5	9.9	20.5	28.5	15	431.1	7.2	9.9	16.6	206	15.0	280.3	30.2	11.7	24.5	3.17	
STD SO-18	Standard	507	<1	27.6	6.9	17.6	9.9	20.3	28.4	15	406.9	7.3	10.0	16.4	205	15.1	278.3	31.7	12.2	26.9	3.39	
STD SO-18	Standard	505	<1	31.9	6.5	16.5	10.1	19.1	27.3	17	408.0	7.2	11.0	17.4	219	15.6	276.6	28.8	12.0	26.5	3.30	
STD SO-18 Expected		514		26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	
STD DS7 Expected																						
STD FA100S Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

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18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

**Project:** ELDOR CARBONATITE

**Report Date:** January 29, 2008

**Page:** 2 of 3 Part 2

**QUALITY CONTROL REPORT**

**VAN07000530.2**

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
STD DS7	Standard												21.7	103.1	69.8	408	56.4	46.4	6.2	4.3	4.6
STD DS7	Standard												21.8	120.4	69.1	405	52.5	52.1	6.4	4.1	4.5
STD DS7	Standard												20.9	106.3	69.0	409	56.0	53.6	6.4	4.7	4.6
STD DS7	Standard												19.1	101.9	57.7	359	52.6	42.4	5.3	3.4	3.8
STD DS7	Standard												20.3	101.0	59.8	380	55.7	46.0	5.8	3.7	4.0
STD DS7	Standard												21.0	110.8	61.1	379	58.8	47.3	5.9	3.9	4.3
STD DS7	Standard												22.7	110.9	61.0	389	61.7	54.4	6.0	4.2	4.4
STD DS7	Standard												20.2	112.3	72.1	401	56.2	50.7	6.7	4.9	4.9
STD DS7	Standard												20.8	117.2	72.1	385	56.4	48.7	6.4	5.0	4.7
STD FA100S	Standard																				
STD FA100S	Standard																				
STD SO-18	Standard	15.2	2.91	0.88	2.85	0.42	2.93	0.60	1.77	0.28	1.75	0.26									
STD SO-18	Standard	13.6	2.83	0.83	2.89	0.42	2.98	0.59	1.73	0.27	1.69	0.27									
STD SO-18	Standard	14.1	2.90	0.91	2.93	0.52	2.94	0.63	1.89	0.30	1.77	0.28									
STD SO-18	Standard	15.5	2.98	0.89	3.09	0.52	3.02	0.62	1.81	0.30	1.77	0.25									
STD SO-18	Standard	20.7	3.25	0.89	3.04	0.53	3.03	0.63	1.81	0.29	1.78	0.27									
STD SO-18	Standard	14.6	2.94	0.90	2.89	0.51	3.01	0.62	1.80	0.29	1.80	0.27									
STD SO-18	Standard	14.8	2.93	0.87	2.95	0.52	2.96	0.62	1.81	0.28	1.79	0.27									
STD SO-18	Standard	13.6	2.77	0.83	2.83	0.46	2.87	0.60	1.81	0.27	1.62	0.25									
STD SO-18	Standard	14.4	3.00	0.90	2.97	0.52	3.07	0.62	1.83	0.28	1.82	0.27									
STD SO-18	Standard	14.9	2.98	0.88	2.89	0.51	2.97	0.62	1.83	0.28	1.79	0.27									
STD SO-18	Standard	13.7	2.99	0.88	2.86	0.51	3.01	0.62	1.83	0.28	1.81	0.27									
STD SO-18	Standard	14.3	2.86	0.88	2.87	0.47	3.07	0.63	1.74	0.27	1.87	0.27									
STD SO-18 Expected		14	3	0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27									
STD DS7 Expected													20.92	109	70.6	411	56	48.2	6.38	5.86	4.51
STD FA100S Expected																					
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1

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 Edmonton AB T6E 1T7 Canada

Project: ELDOR CARBONATITE

Report Date: January 29, 2008

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

VAN07000530.2

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm	
BLK	Blank	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02
BLK	Blank																					
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	1.0	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank																					
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.8	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	1.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	0.6	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					



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Project: **ELDOR CARBONATITE**  
 Report Date: **January 29, 2008**

Page: 3 of 3 Part 2

**QUALITY CONTROL REPORT**

**VAN07000530.2**

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
BLK	Blank	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank																				
BLK	Blank																				

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Project: ELDOR CARBONATITE  
 Report Date: January 29, 2008

Page: 3 of 3 Part 3

QUALITY CONTROL REPORT

VAN07000530.2

		1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
BLK	Blank	<0.1	8.3	<0.01	<0.1	<0.5			
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank								
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank								
BLK	Blank								
BLK	Blank								
BLK	Blank								
BLK	Blank								
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank						<1	<0.1	<0.5
BLK	Blank						<1	<0.1	<0.5



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**Client:** Dahrouge Geological Consulting  
 18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

Submitted By: Jody Dahrouge  
 Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.  
 Received: September 10, 2007  
 Report Date: January 29, 2008  
 Page: 1 of 7

**CERTIFICATE OF ANALYSIS**

**VAN07001403.2**

**CLIENT JOB INFORMATION**

Project: 20007  
 Shipment ID:  
 P.O. Number  
 Number of Samples: 163

**SAMPLE DISPOSAL**

**SAMPLE PREPARATION AND ANALYTICAL PROCEDURES**

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SP100	163	Soil Pulverize		
4B	159	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed
3BMS	69	Fire assay fusion Au Pt Pd by ICP-MS	30	Completed

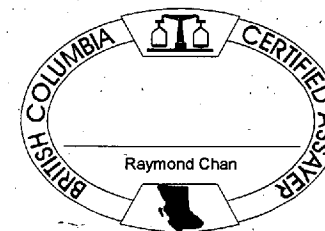
**ADDITIONAL COMMENTS**

Version 2 to include Au, Pt, Pd by 3B-MS analysis

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Dahrouge Geological Consulting  
 18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7  
 Canada

CC: Stephanie McRae



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Project:

20007

Report Date:

January 29, 2008

Page:

2 of 7 Part 1

# CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	
28732	Soil	699	1	15.9	1.7	15.5	4.5	16.6	72.5	<1	263.2	1.0	8.3	0.8	92	2.4	140.5	13.0	27.5	56.8	6.63
28733	Soil	484	7	52.1	2.9	16.9	5.0	53.0	51.1	2	113.9	2.3	8.4	0.7	256	2.8	197.2	20.6	49.9	100.2	11.19
28734	Soil	447	8	45.3	2.0	16.2	5.2	110.9	36.3	3	181.9	2.7	25.1	1.4	211	5.9	211.8	39.1	305.1	496.9	52.00
29816	Soil	617	8	12.0	1.6	9.0	2.5	<0.1	15.4	5	1484	46.2	41.8	46.6	52	1.1	111.7	114.3	287.2	617.9	82.75
29823	Soil	638	12	20.4	0.6	2.2	12.1	8248	6.7	25	3472	809.5	2174	500.0	278	4.0	993.8	309.4	774.7	2245	300.0
29981	Soil	166	25	28.4	<0.1	1.4	5.9	5658	2.3	9	2663	58.4	665.9	35.0	105	2.4	599.8	256.9	1240	2974	380.9
38128	Soil	561	5	32.3	1.6	18.2	5.6	95.5	55.6	2	208.2	3.4	18.2	1.6	161	3.3	193.6	24.1	70.8	139.4	15.04
38129	Soil	603	6	34.6	1.8	18.5	5.6	97.3	60.6	2	198.8	4.8	16.8	1.3	203	4.7	215.7	30.9	80.9	154.8	17.95
38130	Soil	502	4	31.6	1.9	17.7	5.8	114.9	55.6	2	159.0	3.0	17.7	1.1	243	7.4	224.6	26.4	87.5	164.6	17.98
38131	Soil	522	5	35.6	2.5	17.3	5.2	115.4	40.0	3	221.4	2.0	24.2	1.6	229	4.6	197.4	32.3	163.1	305.9	36.03
38132	Soil	529	6	43.1	2.3	16.6	5.5	89.2	43.5	2	156.3	2.7	13.0	0.9	235	3.6	201.9	34.0	101.2	192.3	21.95
38133	Soil	516	5	30.4	2.0	12.3	4.0	71.4	44.1	1	355.3	2.1	13.9	5.7	165	3.9	151.1	24.6	60.4	114.6	14.59
38134	Soil	722	<1	7.4	1.5	16.8	5.1	8.4	83.8	2	314.4	0.5	6.3	0.8	76	<0.5	175.7	9.9	21.8	43.2	5.09
38135	Soil	714	2	11.9	1.5	16.9	5.3	10.9	86.9	1	209.3	0.8	9.0	1.9	105	1.4	169.1	12.9	28.0	54.1	6.41
38136	Soil	673	1	15.6	1.5	14.4	4.2	14.8	82.1	1	139.9	0.9	8.4	2.1	107	2.0	139.7	15.1	29.9	56.4	6.71
38137	Soil	737	<1	13.4	1.8	19.2	3.9	25.2	93.9	1	180.0	1.8	8.8	2.1	132	1.2	162.2	13.6	23.7	51.2	5.71
38138	Soil	629	2	10.8	1.4	15.7	4.5	14.3	92.0	<1	196.5	0.9	8.9	1.8	117	1.0	161.4	13.8	27.8	54.2	6.19
38139	Soil	511	4	18.2	1.9	18.6	6.7	65.5	62.4	2	162.3	3.4	8.0	4.8	109	10.9	286.8	35.6	58.1	128.3	14.11
38140	Soil	614	2	20.7	1.2	16.2	5.4	43.1	61.1	2	215.3	2.2	10.2	1.2	138	4.0	216.3	30.2	43.6	88.4	10.41
38142	Soil	498	2	25.3	1.4	17.2	5.6	41.7	72.4	2	167.8	2.0	9.7	2.8	165	5.8	223.3	27.3	32.6	72.5	7.19
38143	Soil	585	1	14.4	1.2	15.7	4.5	33.6	61.6	1	223.2	1.6	6.1	1.8	111	4.9	161.3	17.6	19.9	40.1	4.59
38144	Soil	536	1	17.5	1.4	15.3	5.2	27.2	67.1	1	230.9	1.6	7.5	1.2	120	2.8	173.8	16.9	21.9	49.9	5.38
38852	Soil	666	<1	9.7	1.3	15.7	4.0	6.1	75.2	<1	341.2	0.5	8.6	2.3	56	<0.5	158.4	13.6	25.8	49.0	6.35
38853	Soil	697	<1	10.5	1.6	14.7	3.8	6.6	67.6	<1	310.2	0.5	11.1	1.3	63	<0.5	126.9	11.6	28.5	56.7	6.52
38854	Soil	739	1	15.5	2.3	16.7	3.8	9.0	85.3	1	276.4	0.6	8.8	1.3	79	<0.5	131.2	15.1	33.3	53.0	7.84
38855	Soil	694	<1	10.9	1.5	14.9	4.4	6.3	79.5	<1	274.9	0.4	6.9	1.0	69	<0.5	146.9	10.2	20.7	45.2	4.66
38856	Soil	629	<1	22.0	1.9	18.0	4.9	15.0	77.0	1	319.4	1.0	8.3	1.2	149	<0.5	157.6	20.3	29.6	58.8	7.00
38857	Soil	729	<1	8.3	1.3	14.7	5.1	5.3	77.8	<1	330.2	0.3	8.2	1.0	58	<0.5	165.1	9.7	21.3	43.1	4.89
38858	Soil	659	<1	12.1	1.3	15.2	4.4	6.9	75.3	<1	300.4	0.4	5.4	0.9	66	1.1	146.0	10.8	20.4	40.8	4.70
38859	Soil	673	1	13.6	1.4	15.1	3.5	9.2	77.1	<1	229.0	0.5	6.0	1.0	71	<0.5	122.0	12.0	23.4	48.4	5.72

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Project: 20007

Report Date: January 29, 2008

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# CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
28732	Soil	23.5	3.97	0.95	2.82	0.50	2.32	0.47	1.30	0.16	1.18	0.18	1.0	26.1	10.2	49	29.6	2.3	<0.1	<0.1	<0.1
28733	Soil	40.5	6.89	1.88	4.99	0.82	4.00	0.79	1.92	0.26	1.69	0.24	1.7	32.1	8.4	58	343.6	0.7	<0.1	<0.1	<0.1
28734	Soil	163.7	19.57	4.62	9.23	1.67	7.73	1.41	3.51	0.44	2.88	0.40	5.7	81.8	19.2	111	180.9	1.4	0.4	0.1	0.2
29816	Soil	320.1	56.48	16.18	42.37	6.29	29.59	4.65	10.07	1.34	7.29	0.92	3.6	28.4	20.1	143	16.0	3.7	0.7	0.1	0.2
29823	Soil	1130	170.5	46.63	96.55	15.90	72.71	12.29	27.30	3.66	19.58	2.49	130.1	4.1	323.5	171	3.2	12.0	0.7	4.1	0.1
29981	Soil	1388	192.9	50.57	98.09	15.20	63.58	9.84	20.13	2.50	14.08	1.86	35.8	6.3	38.7	285	12.6	10.5	2.1	0.6	0.3
38128	Soil	55.7	7.89	2.09	5.30	0.90	4.29	0.82	2.13	0.31	2.03	0.28	1.9	33.3	11.6	55	80.1	2.1	<0.1	<0.1	<0.1
38129	Soil	66.2	10.11	2.84	6.96	1.15	6.17	1.08	2.72	0.38	2.67	0.37	1.2	98.9	7.5	67	117.2	1.0	0.1	<0.1	<0.1
38130	Soil	61.2	9.47	2.36	5.15	0.95	5.16	0.93	2.45	0.39	2.38	0.34	4.9	33.5	10.4	73	68.6	0.8	0.1	<0.1	<0.1
38131	Soil	131.9	20.09	5.06	9.80	1.49	7.12	1.08	2.89	0.41	2.57	0.37	3.1	66.7	11.5	90	125.5	0.8	0.2	<0.1	0.1
38132	Soil	75.5	12.79	3.48	8.15	1.34	7.07	1.20	3.06	0.44	2.65	0.40	0.6	103.2	7.5	67	198.0	1.2	<0.1	<0.1	<0.1
38133	Soil	52.8	9.16	2.53	5.74	0.99	4.94	0.89	2.12	0.33	1.86	0.28	1.6	110.8	9.2	68	117.0	1.0	0.2	<0.1	<0.1
38134	Soil	17.7	3.07	0.79	1.80	0.34	1.93	0.32	0.98	0.15	1.01	0.15	0.5	8.2	7.4	25	15.9	1.5	<0.1	<0.1	<0.1
38135	Soil	23.4	3.82	0.87	2.13	0.42	2.21	0.42	1.19	0.19	1.22	0.19	1.5	24.6	12.4	42	32.7	1.8	<0.1	0.1	<0.1
38136	Soil	23.2	3.96	0.86	2.41	0.47	2.71	0.50	1.36	0.23	1.42	0.22	3.3	27.5	12.3	45	31.1	1.0	0.3	0.1	<0.1
38137	Soil	20.9	3.64	0.77	2.43	0.44	2.70	0.45	1.36	0.20	1.38	0.18	2.3	24.9	9.3	56	36.9	6.7	0.1	<0.1	<0.1
38138	Soil	22.1	3.66	0.95	2.45	0.43	2.58	0.45	1.25	0.20	1.31	0.19	2.4	43.0	9.3	49	33.5	2.2	0.2	<0.1	<0.1
38139	Soil	51.5	9.58	2.09	6.15	1.18	6.40	1.19	3.46	0.58	3.34	0.49	6.3	30.0	14.1	66	23.8	3.5	0.4	<0.1	<0.1
38140	Soil	39.1	6.96	1.78	4.99	0.95	5.50	1.04	2.98	0.46	2.75	0.40	1.6	38.7	6.3	49	51.1	2.5	0.1	<0.1	<0.1
38142	Soil	26.3	4.87	1.28	3.80	0.78	5.02	0.95	2.79	0.42	2.62	0.40	8.9	17.5	6.5	45	44.4	1.2	<0.1	<0.1	<0.1
38143	Soil	17.9	3.28	0.85	2.69	0.49	2.82	0.62	1.96	0.28	1.72	0.28	6.4	17.9	7.6	33	29.4	1.5	0.2	<0.1	<0.1
38144	Soil	19.0	3.51	0.93	2.72	0.55	3.04	0.62	1.79	0.30	1.77	0.27	9.2	14.0	6.2	49	35.3	2.0	0.2	<0.1	<0.1
38852	Soil	22.6	3.98	0.91	2.78	0.46	2.47	0.46	1.22	0.19	1.27	0.21	1.7	90.6	6.0	33	22.3	2.8	0.1	<0.1	<0.1
38853	Soil	22.5	4.17	0.80	2.41	0.42	2.10	0.37	1.05	0.15	1.06	0.15	0.6	21.0	7.9	46	23.9	1.2	0.1	0.1	<0.1
38854	Soil	29.2	4.55	1.06	3.16	0.54	2.76	0.52	1.49	0.21	1.26	0.20	0.7	39.9	9.1	47	27.6	2.6	0.1	0.1	<0.1
38855	Soil	16.0	2.63	0.66	1.87	0.33	1.89	0.33	1.02	0.16	1.06	0.16	0.9	17.4	8.6	32	23.1	2.3	<0.1	<0.1	<0.1
38856	Soil	26.6	4.70	1.23	3.70	0.66	3.70	0.71	1.99	0.30	1.86	0.27	0.4	25.5	7.0	54	19.9	1.0	<0.1	<0.1	<0.1
38857	Soil	16.6	3.01	0.73	2.11	0.30	1.67	0.33	0.92	0.15	0.87	0.13	0.3	14.0	8.5	26	18.1	1.5	<0.1	<0.1	<0.1
38858	Soil	16.9	3.03	0.74	2.17	0.40	2.07	0.37	1.01	0.15	1.00	0.16	0.5	12.3	6.5	28	19.3	1.4	<0.1	<0.1	<0.1
38859	Soil	20.1	3.52	0.89	2.72	0.44	2.25	0.41	1.15	0.17	1.14	0.18	0.7	26.4	6.6	38	24.7	1.1	<0.1	0.1	<0.1

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Report Date:

January 29, 2008

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Part 3

# CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Pb	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.6	0.01	0.1	0.5	1	0.1	0.5
28732	Soil	<0.1	<0.5	0.02	0.1	<0.5	N.A.	N.A.	N.A.
28733	Soil	<0.1	1.4	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
28734	Soil	<0.1	2.5	0.02	0.2	<0.5	N.A.	N.A.	N.A.
29816	Soil	<0.1	15.0	0.01	0.2	<0.5	N.A.	N.A.	N.A.
29823	Soil	<0.1	447.1	0.06	19.4	<0.5	<1	<0.1	<0.5
29981	Soil	<0.1	145.2	0.05	0.2	<0.5	2	<0.1	<0.5
38128	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38129	Soil	0.2	74.6	0.02	0.1	0.5	1	2.6	1.9
38130	Soil	<0.1	2.9	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38131	Soil	<0.1	2.2	0.03	<0.1	0.8	5	1.7	1.7
38132	Soil	<0.1	<0.5	0.01	0.1	0.7	2	3.1	2.4
38133	Soil	0.4	3.1	0.06	0.1	1.8	1	2.4	3.8
38134	Soil	<0.1	10.3	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38135	Soil	<0.1	0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38136	Soil	<0.1	<0.5	0.04	<0.1	<0.5	N.A.	N.A.	N.A.
38137	Soil	<0.1	1.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38138	Soil	<0.1	0.7	0.01	<0.1	0.6	N.A.	N.A.	N.A.
38139	Soil	<0.1	1.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38140	Soil	<0.1	1.2	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38142	Soil	<0.1	1.6	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38143	Soil	<0.1	1.1	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38144	Soil	<0.1	0.8	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38852	Soil	<0.1	<0.5	0.06	0.1	0.6	N.A.	N.A.	N.A.
38853	Soil	<0.1	0.5	0.03	0.1	<0.5	N.A.	N.A.	N.A.
38854	Soil	<0.1	1.2	0.03	0.2	0.6	N.A.	N.A.	N.A.
38855	Soil	<0.1	2.3	0.02	0.1	<0.5	N.A.	N.A.	N.A.
38856	Soil	<0.1	<0.5	0.02	0.1	<0.5	N.A.	N.A.	N.A.
38857	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38858	Soil	<0.1	1.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38859	Soil	<0.1	0.9	0.03	<0.1	<0.5	N.A.	N.A.	N.A.

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Project: 20007

Report Date: January 29, 2008

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CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
38860	Soil			616	<1	10.6	1.1	9.8	3.8	6.4	43.2	<1	130.1	0.3	9.1	13.2	74	0.8	126.5	27.8	30.1	41.4	7.45
38861	Soil			686	<1	8.3	1.6	15.9	4.7	6.7	79.6	1	307.5	0.4	8.4	1.0	64	<0.5	147.2	10.2	21.8	44.8	5.09
38862	Soil			669	1	5.8	1.8	15.1	4.3	7.1	71.3	<1	248.9	0.4	7.0	1.2	62	0.5	131.7	9.8	21.7	42.5	4.87
38863	Soil			740	<1	4.2	2.1	15.2	6.2	17.6	81.1	1	268.6	0.7	8.3	1.3	71	<0.5	212.1	10.8	23.4	46.5	5.33
38864	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
38865	Soil			753	<1	12.3	1.4	13.3	4.3	12.9	68.3	<1	308.5	0.5	8.3	1.7	68	<0.5	144.6	14.7	31.1	57.3	7.08
38866	Soil			685	<1	6.8	1.5	14.2	5.6	5.1	79.9	<1	303.8	0.4	7.5	0.9	58	<0.5	171.4	10.0	17.8	34.9	4.11
38867	Soil			654	<1	8.7	1.3	15.6	5.0	6.2	76.5	<1	285.7	0.4	7.1	1.0	67	<0.5	157.9	8.8	19.7	39.0	4.56
38868	Soil			683	1	8.1	1.6	16.0	4.6	6.2	78.4	<1	289.9	0.4	8.6	1.1	63	<0.5	166.2	9.3	19.4	36.9	4.38
38869	Soil			939	2	19.4	2.2	16.3	5.2	82.7	79.9	2	298.9	2.8	14.1	2.5	127	0.7	187.3	24.1	95.1	165.5	18.84
38870	Soil			631	2	12.1	1.1	13.9	4.8	14.9	62.4	<1	250.0	0.7	6.1	1.7	93	<0.5	161.6	14.1	24.2	45.4	5.49
38871	Soil			578	1	9.5	1.0	12.6	4.9	16.7	53.4	1	289.0	0.5	7.3	1.2	66	<0.5	160.4	10.8	23.5	46.0	5.24
38872	Soil			744	1	9.5	1.3	16.4	5.3	10.9	76.9	2	314.2	0.4	6.9	1.0	87	<0.5	192.4	10.3	20.8	41.9	4.87
38873	Soil			661	<1	30.7	0.2	14.8	3.2	15.2	43.3	1	150.9	0.9	4.3	0.9	172	0.5	104.2	14.3	15.6	33.5	3.88
38874	Soil			806	1	9.3	1.1	13.9	4.1	6.0	85.8	<1	379.2	0.1	7.9	1.4	51	<0.5	122.8	3.8	8.4	15.4	1.76
38875	Soil			654	2	9.9	1.5	14.9	6.1	22.5	73.9	1	294.0	0.8	8.1	1.2	82	<0.5	193.6	11.2	25.2	50.4	5.58
39055	Soil			574	3	13.6	<0.1	3.0	3.0	4498	1.3	6	3869	540.2	88.0	862.7	66	<0.5	519.8	123.2	567.1	1208	154.6
39059	Soil			180	23	12.5	0.3	2.9	4.0	1436	14.2	8	1053	73.8	415.6	43.9	209	4.8	251.5	107.8	430.5	1047	139.5
39065	Soil			689	28	45.8	0.7	17.0	7.9	850.5	13.6	16	410.8	15.5	248.7	10.4	271	1.7	350.9	197.3	925.3	1751	192.5
39101	Soil			680	1	8.6	1.6	15.5	5.6	37.3	72.8	2	297.8	1.6	6.6	1.4	91	<0.5	189.2	11.6	25.0	53.9	5.83
39102	Soil			672	2	17.8	1.9	17.8	4.9	24.4	75.5	2	261.9	1.0	11.1	1.2	99	3.7	171.8	16.2	37.2	77.0	8.90
39103	Soil			726	2	7.1	1.4	15.2	4.7	15.3	79.3	1	311.7	0.5	9.4	1.0	68	<0.5	152.4	11.2	24.2	48.6	5.57
39104	Soil			588	2	15.5	1.1	16.3	3.9	31.4	63.4	1	265.6	1.0	8.4	1.3	107	4.1	146.7	15.8	31.6	67.5	7.57
39105	Soil			597	3	14.0	1.1	14.9	4.6	42.5	67.8	1	299.0	2.5	17.0	2.9	87	1.5	158.4	59.7	70.6	133.4	15.85
39106	Soil			632	<1	7.2	1.1	15.5	6.2	12.3	61.6	1	273.3	0.5	7.5	1.1	85	<0.5	200.7	9.8	23.4	43.4	5.04
39107	Soil			464	3	33.9	0.9	14.5	3.7	16.9	67.2	1	176.5	0.7	7.6	0.6	182	5.4	122.0	19.6	23.5	59.9	5.92
39108	Soil			675	2	13.4	1.4	15.4	4.4	33.3	79.7	1	358.8	0.6	7.9	1.1	81	7.4	154.4	11.8	23.7	48.5	5.76
39109	Soil			659	2	10.1	1.0	14.4	5.5	10.5	67.4	1	348.3	0.3	7.2	1.0	78	1.6	181.6	11.7	22.7	44.7	5.44
39110	Soil			716	16	56.1	1.5	20.8	4.3	39.8	101.4	2	23.7	2.0	9.5	1.4	349	24.6	135.6	27.8	36.9	71.8	8.67
39111	Soil			644	3	21.0	1.3	15.2	4.7	27.8	73.4	2	335.8	0.9	14.9	1.1	86	4.1	172.1	23.0	73.6	125.9	15.53

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**CERTIFICATE OF ANALYSIS**

**VAN07001403.2**

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
				Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1
38860	Soil			26.9	5.30	1.10	5.00	0.76	4.22	0.81	2.09	0.35	2.24	0.39	3.0	126.6	5.2	32	25.9	2.5	0.2	0.4	<0.1	
38861	Soil			17.8	3.09	0.74	2.07	0.37	2.07	0.34	0.97	0.15	0.94	0.14	0.4	11.2	7.7	26	20.4	1.6	<0.1	<0.1	<0.1	
38862	Soil			16.9	2.74	0.67	1.79	0.32	1.74	0.34	0.89	0.13	0.88	0.13	0.5	38.3	8.4	17	13.5	3.1	0.2	<0.1	<0.1	
38863	Soil			18.4	3.37	0.85	2.24	0.37	2.03	0.37	1.06	0.16	1.02	0.16	1.0	10.3	6.7	12	6.2	0.8	0.2	<0.1	<0.1	
38864	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
38865	Soil			24.4	4.28	1.05	3.00	0.48	2.63	0.49	1.26	0.18	1.15	0.18	1.0	35.9	7.4	32	23.3	21.5	0.1	0.1	<0.1	
38866	Soil			13.8	2.62	0.61	1.73	0.32	1.83	0.33	0.91	0.15	0.97	0.15	0.4	8.7	7.0	26	17.5	1.5	0.1	<0.1	<0.1	
38867	Soil			16.7	2.59	0.62	1.82	0.32	1.60	0.30	0.81	0.12	0.83	0.14	0.5	12.8	7.4	33	20.6	1.3	<0.1	<0.1	<0.1	
38868	Soil			14.9	2.65	0.62	1.67	0.29	1.67	0.30	0.81	0.13	0.95	0.14	0.4	7.5	6.5	32	16.4	2.0	<0.1	<0.1	<0.1	
38869	Soil			61.6	9.70	2.54	5.81	0.97	5.09	0.84	2.08	0.29	1.80	0.26	1.5	57.0	10.1	79	40.6	4.9	0.3	<0.1	<0.1	
38870	Soil			18.7	3.29	0.82	2.43	0.46	2.55	0.50	1.28	0.20	1.11	0.16	1.3	16.9	12.4	58	27.8	5.7	0.1	0.1	<0.1	
38871	Soil			19.0	3.26	0.85	2.28	0.39	1.95	0.41	1.01	0.17	0.98	0.14	0.9	18.0	6.6	29	22.5	3.9	<0.1	<0.1	<0.1	
38872	Soil			16.6	2.83	0.86	2.09	0.35	1.79	0.36	0.99	0.15	0.98	0.13	0.5	7.9	6.9	32	21.3	1.8	0.1	<0.1	<0.1	
38873	Soil			15.6	2.92	0.80	2.41	0.39	2.57	0.54	1.48	0.25	1.17	0.18	0.7	17.8	4.9	59	104.8	33.3	0.1	<0.1	<0.1	
38874	Soil			6.4	1.09	0.82	0.64	0.13	0.74	0.14	0.38	0.06	0.40	0.06	0.5	12.4	5.7	34	24.7	1.0	<0.1	<0.1	<0.1	
38875	Soil			19.1	3.42	0.87	2.33	0.39	2.16	0.42	1.15	0.18	1.10	0.17	0.6	10.9	9.2	29	20.0	2.4	<0.1	<0.1	<0.1	
39055	Soil			564.3	80.39	23.07	47.60	7.00	31.17	4.97	10.59	1.50	8.20	1.05	3.6	2.3	253.1	63	1.9	3.0	0.7	<0.1	<0.1	
39059	Soil			516.2	74.47	20.90	42.33	6.20	27.21	4.26	9.39	1.24	6.94	0.88	1.0	4.3	23.4	63	12.0	6.9	0.3	0.4	<0.1	
39065	Soil			677.2	101.7	28.81	60.39	9.78	44.83	7.26	15.90	2.09	11.06	1.34	12.8	40.6	183.1	378	121.0	2.3	0.8	<0.1	1.6	
39101	Soil			20.7	3.32	1.03	2.52	0.41	2.29	0.45	1.10	0.18	1.20	0.17	0.8	10.6	12.2	38	19.3	2.1	<0.1	<0.1	<0.1	
39102	Soil			29.9	5.08	1.33	3.60	0.59	2.84	0.57	1.53	0.24	1.44	0.20	1.0	33.8	9.8	61	41.0	2.7	0.1	<0.1	<0.1	
39103	Soil			18.1	3.32	0.89	2.24	0.38	2.11	0.39	1.04	0.17	1.08	0.15	0.4	8.7	11.2	27	15.1	1.8	0.1	<0.1	<0.1	
39104	Soil			27.4	4.84	1.32	3.37	0.54	2.85	0.56	1.69	0.26	1.63	0.23	3.7	16.1	7.2	30	43.0	1.7	<0.1	<0.1	<0.1	
39105	Soil			56.9	10.25	3.10	9.61	1.85	10.81	2.33	6.24	0.80	3.89	0.47	8.4	18.3	8.9	30	23.9	2.3	<0.1	<0.1	<0.1	
39106	Soil			18.8	2.77	0.73	2.00	0.32	1.99	0.30	1.00	0.14	0.90	0.14	0.6	7.3	9.9	22	16.9	1.2	<0.1	<0.1	<0.1	
39107	Soil			21.8	3.82	1.12	3.27	0.64	3.43	0.68	2.02	0.28	1.54	0.22	0.6	70.0	5.8	42	57.1	20.7	<0.1	<0.1	<0.1	
39108	Soil			20.3	3.48	0.87	2.66	0.40	2.24	0.40	1.16	0.18	1.00	0.16	0.5	17.4	7.0	42	24.5	1.8	<0.1	<0.1	<0.1	
39109	Soil			19.9	3.36	0.94	2.51	0.41	2.14	0.39	1.08	0.17	0.92	0.15	0.3	11.6	6.2	26	23.2	1.6	<0.1	<0.1	<0.1	
39110	Soil			33.8	6.01	1.72	4.97	0.84	4.65	0.99	2.82	0.44	2.56	0.40	5.2	176.7	8.0	55	19.6	0.6	<0.1	<0.1	<0.1	
39111	Soil			54.2	7.91	1.94	5.09	0.82	4.14	0.75	2.03	0.32	1.88	0.29	0.4	190.9	6.9	51	54.8	1.7	<0.1	<0.1	0.2	

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Project: 20007  
 Report Date: January 29, 2008

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**CERTIFICATE OF ANALYSIS**

**VAN07001403.2**

Method	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS	
Analyte	Ag	Au	Hg	Pb	Se	Au	Pt	Pd	
Unit	ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb	
MDL	0.1	0.5	0.01	0.1	0.5	1	0.1	0.5	
38860	Soil	0.2	3.1	0.20	0.1	6.0	2	0.7	0.8
38861	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38862	Soil	0.3	1.1	0.03	<0.1	<0.5	N.A.	N.A.	N.A.
38863	Soil	<0.1	1.9	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
38864	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	N.A.	N.A.	N.A.
38865	Soil	<0.1	1.5	0.02	<0.1	0.8	N.A.	N.A.	N.A.
38866	Soil	<0.1	1.2	0.03	<0.1	<0.5	N.A.	N.A.	N.A.
38867	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38868	Soil	<0.1	1.0	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38869	Soil	<0.1	1.8	0.02	0.2	<0.5	N.A.	N.A.	N.A.
38870	Soil	<0.1	0.8	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38871	Soil	<0.1	1.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38872	Soil	<0.1	1.4	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
38873	Soil	<0.1	2.2	<0.01	<0.1	<0.5	<1	1.5	1.2
38874	Soil	<0.1	2.4	<0.01	0.1	<0.5	N.A.	N.A.	N.A.
38875	Soil	<0.1	1.5	<0.01	0.1	<0.5	N.A.	N.A.	N.A.
39055	Soil	0.4	167.3	0.01	<0.1	<0.5	<1	<0.1	<0.5
39059	Soil	0.3	43.8	0.01	0.4	<0.5	<1	0.2	<0.5
39065	Soil	0.1	4.5	0.04	0.3	<0.5	1	1.4	<0.5
39101	Soil	<0.1	2.1	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39102	Soil	<0.1	1.1	0.02	0.1	<0.5	N.A.	N.A.	N.A.
39103	Soil	<0.1	0.9	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39104	Soil	<0.1	0.6	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39105	Soil	<0.1	1.6	0.03	<0.1	<0.5	N.A.	N.A.	N.A.
39106	Soil	<0.1	2.0	0.03	<0.1	<0.5	N.A.	N.A.	N.A.
39107	Soil	<0.1	1.4	0.01	0.1	<0.5	N.A.	N.A.	N.A.
39108	Soil	<0.1	1.0	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39109	Soil	<0.1	1.3	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39110	Soil	<0.1	0.7	<0.01	<0.1	<0.5	<1	0.1	<0.5
39111	Soil	<0.1	61.3	0.02	<0.1	<0.5	94	2.5	3.7

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Project:

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Report Date:

January 29, 2008

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CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	Unit	MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
				Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
				1	1	0.2	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1		
39112	Soil			656	3	9.9	1.2	15.6	5.4	8.0	71.7	<1	334.5	0.2	8.1	1.1	70	<0.5	178.3	12.4	23.5	44.5	5.21
39113	Soil			723	1	9.2	1.8	15.9	5.0	8.0	84.9	<1	347.5	0.2	11.4	1.3	66	<0.5	166.0	11.9	31.7	57.5	7.19
39114	Soil			647	1	11.3	1.1	14.4	4.5	8.6	74.6	<1	352.1	0.2	8.4	1.0	70	<0.5	152.0	11.3	24.4	48.2	5.48
39115	Soil			471	15	34.4	2.1	14.0	6.0	80.2	50.1	1	238.3	0.9	12.9	1.1	182	4.7	199.1	29.4	45.8	81.8	10.55
39116	Soil			663	2	14.8	1.4	15.2	5.0	13.9	72.3	1	325.6	0.6	10.8	1.0	95	1.6	172.9	16.4	33.8	61.2	7.80
39117	Soil			676	3	21.8	1.2	17.0	4.2	27.0	71.2	1	269.3	1.2	7.9	1.1	132	5.7	152.9	17.8	32.4	61.9	7.58
39118	Soil			562	3	25.2	2.2	16.1	5.3	32.2	64.7	1	241.8	1.2	9.5	1.0	152	6.2	188.2	22.3	38.7	72.8	9.53
39119	Soil			658	2	5.6	1.1	14.8	5.6	5.8	67.5	<1	354.9	0.2	7.7	1.2	53	<0.5	168.8	10.3	24.4	45.1	5.58
39120	Soil			519	2	20.0	1.4	13.3	4.9	22.2	49.2	1	317.5	0.9	9.4	3.4	121	3.1	163.8	18.9	37.6	62.9	9.01
39121	Soil			626	4	23.7	1.8	14.9	4.3	33.3	66.2	1	234.0	1.3	9.5	0.9	158	7.5	167.3	18.2	39.3	72.3	9.37
39122	Soil			812	8	31.7	2.5	18.2	5.4	82.4	70.9	2	172.8	3.2	10.4	1.0	189	20.8	214.8	29.8	64.3	113.0	15.34
39123	Soil			619	5	23.7	1.5	18.0	5.0	62.4	70.1	2	267.3	2.1	13.5	1.2	156	7.0	196.8	26.0	57.5	101.7	13.59
39124	Soil			593	10	23.5	1.3	15.5	4.7	130.7	59.8	4	413.6	1.4	27.6	1.2	139	5.6	169.6	77.4	283.2	479.1	57.31
39125	Soil			500	5	29.4	1.4	16.9	6.4	65.2	48.2	2	232.9	2.3	17.0	1.1	202	10.3	247.8	30.2	84.3	143.1	18.09
39150	Soil																						
39151	Soil			698	1	9.3	1.1	13.8	3.3	6.5	75.4	3	354.5	0.3	7.8	1.0	48	<0.5	118.6	10.0	28.0	50.5	5.83
39152	Soil			673	<1	6.3	1.2	13.6	3.9	5.2	77.8	<1	328.9	0.3	6.0	0.8	45	<0.5	146.2	8.1	18.3	34.0	4.23
39153	Soil			691	<1	7.6	1.0	13.7	3.8	6.5	70.8	<1	362.0	0.3	6.1	0.7	45	<0.5	135.7	7.5	19.5	34.7	4.29
39154	Soil			312	1	71.0	0.6	18.1	4.8	42.1	15.9	2	225.4	3.3	2.8	0.8	268	0.6	164.2	20.6	17.8	42.2	4.87
39155	Soil			430	2	52.1	0.7	18.1	5.5	41.0	25.4	2	297.4	2.9	7.0	1.1	217	0.7	192.6	22.2	34.9	78.9	8.94
39156	Soil			600	<1	7.9	0.5	4.3	1.5	8.2	21.3	<1	134.8	0.3	4.0	0.6	28	<0.5	51.4	10.5	20.6	37.0	4.92
39157	Soil			449	<1	34.0	1.1	16.1	5.0	25.3	49.8	1	296.0	1.8	7.6	1.1	144	<0.5	165.7	18.5	34.8	79.0	9.16
39158	Soil			755	1	36.1	0.6	17.7	5.5	115.0	16.3	4	217.2	6.5	17.0	9.5	300	1.0	220.9	31.2	87.2	164.5	19.37
39159	Soil			655	3	12.5	1.3	16.5	4.4	22.5	82.6	<1	317.3	0.5	8.0	1.0	71	0.6	152.6	12.9	26.7	54.2	6.17
39160	Soil			725	1	16.5	2.0	18.5	4.2	20.0	92.4	1	294.7	0.9	12.4	1.6	98	0.9	143.1	16.4	42.1	83.3	9.61
39161	Soil			671	<1	10.0	1.2	14.5	3.7	13.7	81.3	<1	321.4	0.4	8.4	1.1	62	<0.5	123.3	11.9	28.8	57.5	6.50
39162	Soil																						
39175	Soil																						
39176	Soil			620	2	32.3	1.9	18.4	6.0	56.4	66.6	2	214.8	2.6	11.9	0.8	226	8.0	238.2	28.3	54.0	112.9	13.56
39177	Soil			561	11	33.3	1.8	17.5	6.0	98.3	58.4	2	177.2	2.8	35.4	1.1	185	8.2	229.7	45.3	125.5	237.2	27.66

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Page:

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Part 2

CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
39112	Soil	18.6	2.90	0.84	2.23	0.38	2.26	0.41	1.13	0.16	1.06	0.17	0.3	11.9	7.2	24	18.5	1.7	<0.1	<0.1	<0.1
39113	Soil	23.7	3.99	0.86	2.61	0.42	2.13	0.40	1.07	0.15	1.00	0.16	0.6	21.9	9.3	31	22.5	2.0	<0.1	0.1	<0.1
39114	Soil	19.2	3.11	0.81	2.24	0.37	1.97	0.38	1.05	0.16	0.94	0.15	0.8	12.5	7.6	36	23.1	1.9	<0.1	0.1	<0.1
39115	Soil	37.8	6.32	1.79	5.32	0.92	4.90	0.98	2.63	0.40	2.33	0.34	0.8	53.4	11.6	50	181.9	1.2	<0.1	<0.1	<0.1
39116	Soil	27.5	4.27	1.09	3.25	0.54	2.70	0.53	1.51	0.23	1.39	0.22	0.6	32.4	7.0	44	40.9	2.3	<0.1	0.1	<0.1
39117	Soil	26.3	4.40	1.16	3.46	0.60	3.08	0.59	1.65	0.26	1.57	0.23	1.2	37.7	6.5	46	41.2	2.2	0.1	<0.1	<0.1
39118	Soil	34.3	5.77	1.59	4.65	0.71	4.26	0.78	2.09	0.31	1.87	0.29	0.9	38.1	6.9	56	118.1	1.7	<0.1	<0.1	<0.1
39119	Soil	18.7	3.04	0.76	2.11	0.35	1.97	0.32	1.03	0.16	0.89	0.13	0.6	8.7	7.1	17	14.3	1.1	<0.1	<0.1	<0.1
39120	Soil	31.1	5.36	1.45	4.21	0.65	3.37	0.66	1.75	0.25	1.59	0.24	0.8	79.6	7.4	47	52.8	1.6	0.2	0.1	<0.1
39121	Soil	33.0	5.33	1.40	3.85	0.61	3.20	0.61	1.70	0.26	1.50	0.24	2.0	148.5	8.8	53	57.5	2.7	0.2	<0.1	<0.1
39122	Soil	54.2	8.80	2.56	6.74	1.16	5.52	1.04	2.74	0.41	2.48	0.35	1.1	86.5	7.3	64	63.0	<0.5	0.4	<0.1	<0.1
39123	Soil	46.1	7.43	2.13	5.65	0.89	4.48	0.86	2.37	0.36	2.12	0.31	0.4	70.1	7.1	60	57.7	1.2	<0.1	<0.1	<0.1
39124	Soil	202.1	31.93	9.48	22.36	3.65	17.41	2.93	6.17	0.76	3.59	0.45	2.8	22.7	9.6	61	38.4	1.5	0.3	<0.1	<0.1
39125	Soil	59.0	8.86	2.27	5.83	0.97	5.20	1.00	2.74	0.43	2.70	0.40	3.9	76.0	8.2	70	73.8	1.0	0.1	<0.1	<0.1
39150	Soil																				
39151	Soil	20.0	3.03	0.73	1.81	0.33	1.71	0.34	0.79	0.14	0.85	0.13	0.3	11.8	6.3	28	20.6	1.8	<0.1	0.2	<0.1
39152	Soil	13.2	2.42	0.58	1.40	0.28	1.30	0.27	0.70	0.12	0.74	0.12	0.3	6.5	8.4	28	15.2	0.7	<0.1	<0.1	<0.1
39153	Soil	13.9	2.36	0.57	1.59	0.27	1.50	0.28	0.76	0.13	0.76	0.11	0.2	8.3	5.8	20	14.3	0.8	<0.1	<0.1	<0.1
39154	Soil	16.8	3.45	1.06	2.78	0.58	3.64	0.72	1.70	0.30	1.82	0.26	0.3	99.3	3.6	47	338.1	2.9	0.3	0.1	<0.1
39155	Soil	29.9	5.39	1.51	3.94	0.72	4.46	0.80	1.88	0.33	1.83	0.26	0.3	38.5	5.4	87	161.0	1.8	0.7	0.1	<0.1
39156	Soil	15.9	2.75	0.58	1.83	0.32	1.92	0.34	0.81	0.14	0.79	0.13	0.3	34.6	6.7	8	40.3	<0.5	0.1	0.4	<0.1
39157	Soil	31.5	5.04	1.47	3.17	0.61	3.67	0.66	1.55	0.28	1.67	0.23	0.6	33.6	7.4	31	108.2	1.2	<0.1	0.1	<0.1
39158	Soil	65.8	10.03	2.77	5.84	1.14	6.32	1.06	2.35	0.38	2.27	0.32	11.8	112.7	24.3	653	237.7	1.3	2.2	<0.1	0.2
39159	Soil	19.3	3.41	0.77	1.86	0.37	2.45	0.44	0.99	0.20	1.13	0.18	0.7	15.9	7.2	35	34.9	1.8	<0.1	0.2	<0.1
39160	Soil	30.0	4.97	1.06	2.72	0.52	2.96	0.57	1.25	0.23	1.30	0.20	1.4	27.9	9.7	62	45.4	1.9	0.2	0.2	<0.1
39161	Soil	20.9	3.27	0.77	1.72	0.37	2.40	0.42	0.96	0.18	1.00	0.15	0.9	15.3	6.0	34	22.6	2.4	<0.1	<0.1	<0.1
39162	Soil																				
39175	Soil																				
39176	Soil	44.9	7.69	2.16	4.64	0.89	5.12	0.96	2.23	0.40	2.42	0.39	1.5	72.2	6.8	76	78.3	0.8	<0.1	<0.1	<0.1
39177	Soil	90.3	12.46	3.50	6.44	1.33	8.11	1.59	3.64	0.65	3.57	0.54	1.3	79.8	10.9	78	105.4	1.0	0.1	<0.1	<0.1

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 Edmonton AB T6E 1T7 Canada

Project: 20007  
 Report Date: January 29, 2008

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CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Pb	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
39112	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39113	Soil	<0.1	1.6	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39114	Soil	<0.1	0.7	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39115	Soil	<0.1	3.3	0.01	<0.1	<0.5	2	3.1	2.3
39116	Soil	<0.1	1.4	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39117	Soil	0.3	453.4	0.06	<0.1	<0.5	10	2.3	2.0
39118	Soil	<0.1	0.9	0.01	0.1	<0.5	1	1.8	1.2
39119	Soil	<0.1	0.8	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39120	Soil	<0.1	3.0	0.05	<0.1	<0.5	N.A.	N.A.	N.A.
39121	Soil	<0.1	4.2	<0.01	<0.1	<0.5	2	3.8	3.7
39122	Soil	<0.1	1.7	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39123	Soil	<0.1	2.3	0.02	0.1	<0.5	N.A.	N.A.	N.A.
39124	Soil	<0.1	1.3	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39125	Soil	<0.1	1.7	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39150	Soil						N.A.	N.A.	N.A.
39151	Soil	<0.1	0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39152	Soil	<0.1	1.8	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39153	Soil	<0.1	1.0	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39154	Soil	<0.1	2.3	0.03	<0.1	<0.5	<1	0.9	1.1
39155	Soil	<0.1	2.0	<0.01	0.1	<0.5	<1	1.7	1.9
39156	Soil	<0.1	1.6	0.06	<0.1	0.7	N.A.	N.A.	N.A.
39157	Soil	<0.1	<0.5	0.02	0.1	<0.5	<1	0.8	0.5
39158	Soil	0.2	4.9	0.02	0.8	2.5	<1	2.1	1.8
39159	Soil	<0.1	0.5	<0.01	0.1	<0.5	N.A.	N.A.	N.A.
39160	Soil	<0.1	0.6	0.03	0.2	0.6	N.A.	N.A.	N.A.
39161	Soil	<0.1	<0.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39162	Soil						N.A.	N.A.	N.A.
39175	Soil						N.A.	N.A.	N.A.
39176	Soil	<0.1	1.4	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39177	Soil	<0.1	0.8	<0.01	0.1	0.6	2	1.9	1.1

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Project: 20007  
 Report Date: January 29, 2008

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**CERTIFICATE OF ANALYSIS** **VAN07001403.2**

Method	Analyte	4B																			
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02
39178	Soil	280	4	33.2	1.3	10.7	2.5	140.6	28.7	3	276.9	3.1	20.5	2.4	186	9.8	97.1	31.5	130.7	235.5	26.22
39179	Soil	580	7	33.8	1.8	17.1	5.7	136.7	46.9	2	210.4	2.5	18.7	1.3	201	7.6	221.3	28.1	195.9	335.5	34.24
39180	Soil	368	9	43.4	1.6	17.0	4.9	131.0	33.5	3	183.0	2.8	25.6	1.4	210	5.9	205.9	39.1	343.1	575.3	58.93
39181	Soil	512	17	54.7	2.1	17.0	6.1	257.1	59.3	3	154.3	4.4	33.5	1.7	264	7.2	238.0	48.4	302.7	547.2	59.42
39182	Soil	360	4	39.3	1.4	16.5	5.6	150.4	33.8	3	191.9	10.3	77.7	2.0	260	12.1	253.1	50.2	276.8	486.8	52.09
39183	Soil	422	14	36.0	1.6	15.6	5.8	218.0	40.6	3	208.7	3.1	32.5	1.0	232	5.9	228.3	34.0	103.4	191.8	21.61
39184	Soil	577	10	30.2	1.4	17.6	5.8	90.3	67.4	2	257.0	2.3	14.9	0.9	187	5.5	210.1	28.9	58.8	110.5	13.28
39185	Soil	508	9	39.4	1.6	14.6	5.8	847.3	46.1	4	512.9	8.1	33.2	7.7	283	5.7	225.5	56.3	168.5	351.9	41.53
39186	Soil	558	10	40.8	2.2	14.5	5.1	68.2	65.5	2	338.9	1.7	54.5	7.3	209	4.1	194.2	36.6	203.4	381.7	46.54
39187	Soil	591	6	42.3	1.9	16.4	4.5	118.9	77.2	2	206.3	2.9	15.0	1.6	208	5.7	174.1	36.4	69.1	126.1	15.42
39188	Soil	661	4	20.2	1.5	15.2	4.9	56.6	81.5	1	286.6	2.0	12.3	1.4	123	3.0	191.2	20.0	51.5	101.2	11.74
39189	Soil	538	12	51.3	1.5	16.7	4.9	184.7	69.2	3	335.9	3.5	23.6	1.5	215	4.3	187.9	29.0	121.5	212.7	24.17
39190	Soil	539	5	32.3	1.8	17.1	5.9	68.8	55.6	2	239.5	2.3	14.7	1.1	175	4.3	251.9	24.7	54.0	112.2	12.60
39191	Soil	1297	8	36.6	2.7	14.3	6.9	151.2	95.1	2	410.6	7.0	22.6	2.7	221	2.3	326.7	40.6	93.0	174.5	22.05
39192	Soil	543	7	42.1	1.9	14.2	4.7	256.9	64.7	2	501.6	10.4	28.5	7.1	307	3.3	191.5	37.5	192.9	352.7	39.24
39193	Soil	586	15	52.2	2.5	15.6	5.1	318.7	40.7	2	231.4	4.8	19.8	2.9	351	3.5	220.8	44.0	121.9	220.3	25.24
39194	Soil	604	11	46.9	2.2	17.7	3.4	208.0	46.7	2	166.1	3.3	30.9	1.2	224	3.4	140.5	47.4	79.6	147.8	18.44
39195	Soil	341	6	46.7	1.9	21.4	6.4	179.5	47.2	3	122.3	6.0	21.6	1.3	304	9.4	252.0	20.6	99.0	178.1	20.38
39196	Soil	552	30	32.4	1.6	15.8	6.7	83.0	53.3	1	237.9	2.0	38.9	3.3	183	4.0	250.3	39.5	88.7	164.6	20.03
39197	Soil	498	13	43.6	1.6	16.3	6.1	92.9	41.8	2	222.6	2.5	41.5	2.3	211	5.4	222.9	72.2	162.6	272.9	30.47
39198	Soil	346	10	51.5	1.6	19.0	4.9	126.7	35.7	3	188.2	3.5	18.4	0.8	243	7.7	196.2	27.2	71.5	127.9	15.34
39199	Soil	389	25	65.4	3.3	16.0	6.2	155.0	48.6	2	111.8	3.0	18.2	1.5	264	6.2	239.4	27.9	76.5	136.3	16.61
39200	Soil	489	7	46.2	2.6	21.7	4.6	148.5	87.7	2	43.9	3.4	14.6	0.5	330	10.2	187.0	15.0	61.0	110.6	13.78
39301	Soil	522	3	24.7	1.3	16.1	7.2	42.9	59.5	1	245.9	1.7	8.9	1.0	134	3.3	252.4	15.3	43.0	78.6	9.67
39302	Soil	438	4	42.0	1.7	18.3	7.1	78.4	61.1	2	161.1	4.1	8.4	1.0	267	7.3	258.5	24.6	67.0	125.9	16.37
39303	Soil	572	2	15.0	0.9	13.5	5.6	25.3	57.5	1	306.7	1.0	5.4	0.8	89	1.8	208.1	11.5	28.0	50.0	6.32
39304	Soil	439	2	37.9	1.5	16.0	4.9	67.0	46.6	2	219.4	2.7	17.1	1.1	160	7.3	187.2	34.5	59.4	121.6	13.76
39305	Soil	441	1	18.4	1.3	16.5	5.6	60.9	49.9	2	182.2	1.9	12.7	1.0	165	6.3	207.2	16.3	79.5	142.7	16.24
39306	Soil	469	1	25.4	1.3	17.2	6.0	68.1	49.0	2	179.1	2.3	8.3	1.0	176	5.5	232.4	16.6	64.7	118.4	12.95
39307	Soil	509	5	23.0	1.3	14.4	5.1	70.1	49.5	2	275.3	2.1	10.6	1.3	167	5.6	201.9	20.0	71.9	136.4	15.90

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Project:

20007

Report Date:

January 29, 2008

Page:

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# CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
39178	Soil	81.5	10.92	2.93	5.05	1.09	6.02	1.04	2.32	0.39	2.29	0.33	4.0	138.6	11.3	83	159.6	0.7	0.3	<0.1	<0.1
39179	Soil	101.8	12.40	3.13	4.16	0.97	5.39	0.99	2.20	0.43	2.38	0.35	0.9	60.9	13.1	78	99.6	1.1	0.2	<0.1	0.3
39180	Soil	169.9	19.25	5.56	4.85	1.51	8.01	1.31	2.82	0.51	2.75	0.41	5.8	71.6	19.5	117	186.1	1.3	0.4	<0.1	0.2
39181	Soil	188.8	21.24	6.03	6.70	1.67	9.35	1.64	3.53	0.66	3.75	0.54	4.1	100.8	22.4	139	287.2	1.7	0.3	<0.1	0.2
39182	Soil	156.1	19.56	4.97	6.52	1.61	8.71	1.72	3.61	0.65	3.98	0.57	4.3	62.5	15.2	167	89.1	1.0	0.4	<0.1	0.3
39183	Soil	67.0	11.12	3.06	5.85	1.12	6.60	1.23	2.52	0.48	2.51	0.39	2.6	60.5	21.3	65	159.1	0.8	0.5	<0.1	0.1
39184	Soil	42.5	7.20	2.04	4.72	0.92	5.30	0.98	2.23	0.43	2.39	0.36	0.8	76.3	12.2	80	120.4	1.3	0.1	<0.1	<0.1
39185	Soil	135.8	20.67	5.89	10.39	2.05	12.06	2.01	3.96	0.72	4.14	0.62	2.8	82.2	19.3	115	148.5	1.9	0.3	<0.1	0.1
39186	Soil	156.7	23.52	6.23	9.39	1.57	7.33	1.19	2.47	0.48	2.94	0.42	6.5	104.1	21.7	116	233.0	2.1	0.3	<0.1	0.2
39187	Soil	49.6	8.68	2.63	6.01	1.13	6.75	1.27	2.72	0.52	2.83	0.41	2.1	114.0	11.5	80	149.2	1.3	0.2	<0.1	<0.1
39188	Soil	37.4	5.99	1.65	3.23	0.65	3.63	0.72	1.54	0.26	1.73	0.25	1.5	28.6	9.4	50	65.1	1.7	<0.1	<0.1	<0.1
39189	Soil	76.5	10.95	2.86	4.38	0.98	5.23	1.02	2.21	0.40	2.23	0.36	2.4	110.5	19.0	81	177.1	1.4	0.2	<0.1	0.2
39190	Soil	42.0	6.67	1.84	3.93	0.81	4.59	0.89	2.13	0.40	2.19	0.36	1.0	59.9	10.8	63	100.0	1.4	0.1	<0.1	<0.1
39191	Soil	71.4	11.84	3.50	7.59	1.45	7.85	1.52	3.08	0.56	2.90	0.47	3.3	108.6	23.8	85	110.4	1.7	0.2	<0.1	0.1
39192	Soil	117.7	15.61	4.46	6.14	1.49	7.60	1.40	2.73	0.51	2.73	0.41	2.5	85.8	14.8	107	163.3	1.9	0.3	<0.1	<0.1
39193	Soil	79.4	13.02	4.38	8.04	1.69	9.34	1.74	3.30	0.57	3.18	0.45	4.5	79.0	16.6	134	257.4	3.3	0.2	<0.1	0.2
39194	Soil	61.3	12.33	4.22	9.55	1.78	9.98	1.77	3.61	0.64	3.21	0.45	2.9	133.4	15.5	130	192.3	1.2	0.2	<0.1	0.6
39195	Soil	62.7	8.56	2.20	3.37	0.71	3.88	0.79	1.78	0.36	1.95	0.30	2.2	88.2	11.9	82	154.2	0.5	0.2	<0.1	<0.1
39196	Soil	65.9	12.33	3.80	8.11	1.51	8.23	1.50	3.10	0.53	2.93	0.42	1.9	25.1	12.4	65	144.8	1.1	0.1	<0.1	0.7
39197	Soil	96.6	16.89	5.41	10.87	2.37	14.01	2.66	5.43	0.87	4.68	0.66	2.7	45.1	16.2	75	152.0	0.6	0.3	<0.1	<0.1
39198	Soil	48.9	7.69	2.39	4.41	0.91	5.39	1.03	2.28	0.43	2.31	0.34	1.4	45.4	54.0	95	224.1	0.9	0.1	<0.1	0.7
39199	Soil	53.7	9.26	2.74	5.42	1.06	6.01	1.08	2.30	0.43	2.48	0.37	2.9	72.3	14.6	147	334.8	<0.5	0.7	<0.1	0.4
39200	Soil	43.8	6.52	2.00	3.24	0.62	3.42	0.60	1.30	0.28	1.73	0.25	1.1	38.6	9.8	108	92.1	0.8	0.1	<0.1	0.2
39301	Soil	30.9	4.86	1.35	2.74	0.55	3.35	0.64	1.37	0.23	1.48	0.22	0.4	37.3	6.6	49	55.2	1.1	0.1	<0.1	<0.1
39302	Soil	54.8	8.35	2.60	4.87	0.92	5.18	0.96	1.99	0.39	2.10	0.31	0.7	116.5	6.0	93	102.9	<0.5	0.1	<0.1	<0.1
39303	Soil	20.0	3.37	0.99	1.92	0.40	2.36	0.45	1.06	0.20	1.12	0.18	0.3	18.2	5.0	36	36.5	1.0	<0.1	<0.1	<0.1
39304	Soil	50.2	7.91	2.14	5.56	0.95	5.85	1.23	3.31	0.60	2.81	0.41	0.5	42.0	6.6	74	66.5	0.8	0.2	<0.1	<0.1
39305	Soil	58.9	8.42	2.18	4.44	0.63	3.23	0.60	1.41	0.30	1.35	0.24	22.0	31.9	9.0	53	50.4	<0.5	0.4	<0.1	<0.1
39306	Soil	43.5	5.86	1.60	3.31	0.57	3.06	0.60	1.59	0.27	1.28	0.21	0.8	30.8	6.9	60	53.7	<0.5	0.1	<0.1	<0.1
39307	Soil	57.5	7.98	2.13	4.45	0.74	4.02	0.72	2.06	0.27	1.70	0.28	1.0	75.2	6.2	56	48.3	0.6	0.2	<0.1	<0.1

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18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

Project: 20007

Report Date: January 29, 2008

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# CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Pb	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
39178	Soil	<0.1	0.8	0.06	0.1	0.6	4	3.1	3.1
39179	Soil	<0.1	0.6	0.01	0.1	<0.5	N.A.	N.A.	N.A.
39180	Soil	<0.1	1.7	0.02	0.2	0.6	1	1.9	1.1
39181	Soil	<0.1	1.5	0.02	0.2	0.5	<1	3.1	1.9
39182	Soil	<0.1	0.9	0.03	<0.1	0.7	N.A.	N.A.	N.A.
39183	Soil	<0.1	1.2	0.02	<0.1	<0.5	1	2.2	0.9
39184	Soil	<0.1	0.8	0.01	<0.1	<0.5	1	2.2	1.1
39185	Soil	<0.1	2.3	0.03	0.1	0.8	<1	2.2	1.1
39186	Soil	<0.1	1.5	0.04	0.2	0.7	1	2.8	2.3
39187	Soil	<0.1	1.1	0.02	0.1	0.6	<1	3.1	2.1
39188	Soil	<0.1	0.8	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39189	Soil	<0.1	2.4	0.02	0.1	0.6	2	2.8	1.4
39190	Soil	<0.1	1.2	0.01	<0.1	<0.5	<1	2.6	1.1
39191	Soil	<0.1	1.3	0.01	0.3	0.5	2	1.1	0.8
39192	Soil	<0.1	2.0	0.02	0.1	0.6	<1	2.2	1.5
39193	Soil	<0.1	2.1	0.02	0.2	0.6	1	3.0	1.2
39194	Soil	<0.1	3.0	<0.01	0.2	0.7	4	2.4	1.0
39195	Soil	<0.1	<0.5	0.01	<0.1	<0.5	<1	2.4	0.8
39196	Soil	<0.1	<0.5	0.01	0.1	<0.5	<1	1.9	0.5
39197	Soil	0.1	0.6	0.02	<0.1	0.7	<1	2.2	0.9
39198	Soil	<0.1	2.4	<0.01	<0.1	<0.5	5	3.0	1.0
39199	Soil	<0.1	1.6	0.03	0.2	<0.5	7	4.8	2.2
39200	Soil	<0.1	1.2	0.01	0.2	<0.5	N.A.	N.A.	N.A.
39301	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39302	Soil	<0.1	1.7	0.01	<0.1	<0.5	1	3.6	2.2
39303	Soil	<0.1	<0.5	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39304	Soil	<0.1	1.5	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39305	Soil	<0.1	0.7	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39306	Soil	<0.1	1.0	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39307	Soil	<0.1	0.7	0.02	<0.1	0.6	N.A.	N.A.	N.A.

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Part 1

CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	Unit	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B		
			Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
		MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
39308	Soil		442	5	39.8	2.2	17.1	5.5	90.4	43.9	2	206.1	3.1	11.9	0.6	278	10.6	226.1	31.0	80.9	160.3	19.31
39309	Soil		459	3	34.8	1.9	17.1	4.7	63.7	51.0	2	162.9	2.3	11.4	1.0	206	3.6	194.0	26.2	54.7	109.9	13.07
39310	Soil		538	2	25.1	1.7	15.1	5.7	53.5	59.8	1	206.5	2.2	11.8	1.0	164	2.9	201.5	23.4	63.1	123.8	14.48
39311	Soil		324	4	54.7	0.7	18.4	3.1	308.9	51.7	4	207.4	4.0	6.9	0.5	206	11.6	116.6	25.9	40.1	78.6	9.77
39312	Soil		516	3	20.8	1.9	17.9	6.0	53.2	59.3	2	225.8	2.0	14.2	1.0	152	3.0	234.5	18.3	76.9	147.3	15.62
39313	Soil		403	10	36.3	3.2	19.0	6.6	52.1	53.8	2	144.0	2.3	7.1	0.8	218	3.0	252.4	18.5	43.9	88.4	10.39
39314	Soil		517	5	29.7	2.4	17.5	6.7	66.8	57.4	2	212.0	2.4	8.5	0.9	204	3.4	246.0	22.3	52.9	107.4	12.04
39315	Soil		557	8	40.3	3.6	17.5	5.4	87.6	55.5	2	312.2	3.3	11.0	0.7	237	5.1	236.8	34.7	83.8	165.1	20.05
39316	Soil		644	4	23.9	2.3	17.4	7.1	50.3	61.9	1	243.3	2.3	10.0	1.1	148	3.1	249.6	24.4	48.6	98.9	12.19
39317	Soil		663	4	30.4	1.6	14.5	4.6	51.6	60.8	1	280.8	1.7	8.6	2.2	150	3.6	163.9	21.7	51.2	99.2	11.71
39318	Soil		711	15	44.4	2.1	17.5	4.5	195.6	81.6	3	177.0	4.6	22.1	1.2	196	6.3	175.4	41.1	142.6	272.3	31.85
39319	Soil		330	7	53.6	2.0	16.5	2.8	364.8	37.6	3	110.9	4.9	75.5	1.3	226	16.3	93.7	25.7	251.7	473.1	54.51
39320	Soil		423	10	56.1	2.2	18.1	5.1	127.6	47.6	3	166.9	2.5	14.4	0.8	237	17.7	162.9	33.0	91.3	191.6	21.01
39321	Soil		488	11	65.3	4.0	14.3	5.1	71.4	48.7	2	114.6	1.8	7.6	0.6	244	1.9	171.3	20.0	36.4	78.2	9.83
39322	Soil		437	17	49.7	3.0	18.5	4.8	67.5	46.6	2	113.1	2.6	9.5	0.8	286	3.0	188.0	23.6	51.4	105.0	11.85
39323	Soil		341	16	59.4	2.2	16.4	4.8	66.8	26.5	2	128.2	2.5	7.8	0.9	260	2.2	171.6	22.0	54.8	114.5	12.74
39324	Soil		346	10	59.9	2.4	16.2	4.3	42.9	27.9	2	200.8	1.9	4.2	1.2	273	1.9	161.0	24.6	36.5	74.6	9.70
39325	Soil		529	5	39.2	2.1	17.2	6.7	69.3	49.5	2	219.3	2.3	12.2	1.8	213	2.8	218.1	32.8	92.6	170.2	19.54
39326	Soil		472	4	29.9	1.5	20.6	8.3	84.6	44.7	2	171.6	3.3	10.1	1.1	256	3.6	306.9	21.2	62.1	120.1	13.66
39327	Soil		442	5	36.6	1.8	17.9	5.9	69.4	40.8	2	170.2	2.7	19.7	0.9	223	2.7	220.1	26.1	124.6	219.3	22.96
39328	Soil		470	6	39.3	1.9	19.1	5.9	83.9	38.2	2	154.6	3.3	8.7	0.9	246	3.3	240.0	30.4	59.3	126.8	14.69
39329	Soil		579	6	39.6	2.3	20.1	5.5	101.0	58.6	2	167.1	4.4	41.1	1.4	237	2.2	222.9	38.7	337.9	531.8	57.41
39330	Soil		585	5	24.8	2.0	16.9	5.7	54.9	54.7	2	236.5	2.1	8.3	1.5	173	2.3	219.1	23.1	44.4	90.3	10.60
39331	Soil		629	3	17.9	1.1	15.0	4.3	37.2	62.0	1	294.5	1.0	6.0	0.7	89	1.7	151.6	12.5	29.1	61.6	7.20
39332	Soil		439	3	50.2	3.1	22.4	3.9	151.6	59.9	3	35.7	3.3	12.8	0.3	331	6.7	128.4	6.4	53.1	75.4	7.20
39333	Soil		510	5	21.8	1.7	17.6	6.2	59.8	63.1	2	215.6	2.2	11.0	0.9	179	3.3	223.6	16.8	61.2	107.8	12.23
39334	Soil		500	6	44.6	3.5	24.2	4.5	174.0	76.8	3	66.2	3.7	9.3	0.5	375	6.1	133.6	24.7	84.4	143.7	16.40
39335	Soil		449	6	43.1	2.2	16.3	5.7	116.6	54.9	2	351.5	2.8	148.0	2.4	223	3.8	203.5	227.6	827.6	1458	167.7
39336	Soil		421	22	45.5	2.2	17.9	5.5	82.0	51.0	2	142.0	2.7	11.7	0.8	254	4.8	198.1	27.8	64.6	130.9	14.71
39337	Soil		432	2	28.0	1.7	9.9	2.8	50.1	24.4	1	355.9	1.3	6.3	23.1	127	2.2	99.4	20.3	37.7	65.7	8.83

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Part 2

CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
39308	Soil	72.3	11.74	3.46	8.01	1.26	6.53	1.19	3.13	0.46	2.36	0.37	0.7	149.6	8.4	80	89.9	0.6	0.2	<0.1	<0.1
39309	Soil	48.7	8.79	2.48	6.31	0.99	5.47	1.01	2.58	0.38	2.17	0.34	0.8	105.2	6.3	64	84.7	0.9	0.1	<0.1	<0.1
39310	Soil	50.5	8.23	2.01	5.44	0.83	4.89	0.89	2.06	0.31	1.79	0.30	0.9	76.1	7.7	60	72.2	1.3	0.1	<0.1	<0.1
39311	Soil	36.8	6.49	2.03	5.14	0.88	4.86	0.95	2.68	0.41	2.49	0.43	1.1	106.8	8.2	77	260.7	1.7	0.2	<0.1	0.2
39312	Soil	54.7	7.20	1.80	4.32	0.73	3.42	0.64	1.75	0.24	1.61	0.24	1.5	28.1	8.8	42	59.3	1.7	0.2	<0.1	<0.1
39313	Soil	38.1	5.58	1.50	4.00	0.67	3.40	0.66	1.77	0.26	1.67	0.26	0.5	44.9	8.1	65	121.2	0.7	0.2	<0.1	<0.1
39314	Soil	45.8	7.14	2.01	5.36	0.88	4.65	0.82	2.15	0.34	1.89	0.29	0.4	78.6	7.6	50	90.3	0.6	<0.1	<0.1	<0.1
39315	Soil	75.0	11.78	3.59	8.79	1.39	6.90	1.25	3.26	0.44	2.82	0.41	0.5	151.6	6.8	80	112.7	0.7	0.2	<0.1	<0.1
39316	Soil	46.2	7.59	1.97	5.55	0.93	4.65	0.92	2.32	0.35	2.18	0.33	0.5	57.4	6.7	62	80.4	1.4	<0.1	<0.1	<0.1
39317	Soil	41.5	6.96	1.79	4.90	0.79	4.07	0.81	1.99	0.28	1.83	0.27	1.0	56.4	6.0	47	104.7	1.1	<0.1	<0.1	<0.1
39318	Soil	110.7	16.11	4.26	10.27	1.71	8.51	1.52	3.69	0.56	3.11	0.44	1.5	119.8	9.3	79	109.8	1.3	0.2	<0.1	<0.1
39319	Soil	193.3	24.48	5.42	9.05	1.28	5.82	0.97	2.43	0.38	2.34	0.35	2.3	113.6	12.1	63	118.9	0.8	0.4	<0.1	<0.1
39320	Soil	76.6	11.91	3.33	8.42	1.34	6.82	1.24	3.26	0.46	2.75	0.40	1.0	49.7	9.7	70	280.1	0.9	0.2	<0.1	<0.1
39321	Soil	38.1	7.14	1.79	5.53	0.84	4.12	0.79	1.96	0.29	1.67	0.24	0.8	44.4	4.8	67	503.3	<0.5	0.1	<0.1	<0.1
39322	Soil	42.7	7.21	2.01	5.55	0.88	4.99	0.91	2.26	0.34	1.94	0.29	1.1	39.6	8.1	57	350.3	0.5	0.2	<0.1	<0.1
39323	Soil	46.1	7.81	2.17	5.93	0.97	4.91	0.91	2.20	0.32	1.81	0.25	0.5	66.9	7.3	56	205.1	<0.5	0.1	<0.1	<0.1
39324	Soil	37.8	6.93	2.12	6.21	0.96	4.86	0.91	2.26	0.32	1.71	0.25	1.0	116.3	4.6	56	306.1	<0.5	0.1	<0.1	<0.1
39325	Soil	70.4	10.44	2.92	7.73	1.30	6.52	1.21	3.03	0.44	2.62	0.37	1.3	69.7	8.3	48	112.5	0.9	0.1	<0.1	<0.1
39326	Soil	48.5	7.49	1.92	5.14	0.81	4.08	0.78	2.03	0.32	1.86	0.29	0.6	53.9	7.3	66	89.0	0.8	0.1	<0.1	<0.1
39327	Soil	75.4	10.48	2.78	6.56	1.13	5.62	1.04	2.57	0.39	2.08	0.30	0.4	65.4	7.3	62	94.6	0.9	<0.1	<0.1	<0.1
39328	Soil	54.1	9.51	2.68	7.32	1.11	6.14	1.14	2.83	0.41	2.48	0.35	0.5	98.6	9.4	76	110.0	0.8	0.1	<0.1	<0.1
39329	Soil	186.9	21.28	5.09	8.79	1.57	7.79	1.43	3.55	0.53	3.20	0.45	5.2	56.7	14.4	76	71.2	0.8	0.2	<0.1	<0.1
39330	Soil	37.4	6.25	1.70	4.75	0.78	4.42	0.87	2.38	0.34	2.12	0.29	2.0	58.6	7.4	45	73.3	1.1	<0.1	<0.1	<0.1
39331	Soil	24.9	4.29	1.14	3.06	0.49	2.50	0.50	1.36	0.19	1.12	0.17	0.8	31.5	7.9	40	51.4	1.3	<0.1	<0.1	<0.1
39332	Soil	21.4	2.21	0.53	0.93	0.20	1.08	0.25	0.77	0.12	0.92	0.17	1.0	96.5	6.6	98	129.2	<0.5	<0.1	<0.1	0.3
39333	Soil	38.8	5.40	1.50	3.77	0.63	3.13	0.63	1.66	0.27	1.59	0.24	0.8	39.8	8.7	45	64.2	1.1	0.1	<0.1	<0.1
39334	Soil	55.1	8.34	2.10	4.90	0.84	4.96	0.97	2.60	0.42	2.50	0.36	1.0	51.4	7.2	81	116.5	<0.5	0.2	<0.1	<0.1
39335	Soil	575.6	93.24	27.48	65.97	11.22	53.37	9.39	21.34	2.86	14.82	1.88	4.2	49.2	20.1	87	101.3	1.3	0.8	<0.1	<0.1
39336	Soil	52.8	8.57	2.33	6.73	1.12	5.66	1.10	2.82	0.46	2.41	0.37	1.1	58.4	25.0	75	200.3	0.9	0.1	0.1	<0.1
39337	Soil	29.8	5.24	1.54	4.13	0.73	3.91	0.73	1.95	0.27	1.71	0.25	7.3	63.4	11.9	103	128.8	0.7	0.3	0.1	<0.1

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**CERTIFICATE OF ANALYSIS**

**VAN07001403.2**

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
39308	Soil	<0.1	2.0	0.02	0.1	<0.5	1	6.2	8.4
39309	Soil	<0.1	2.8	0.01	0.1	<0.5	1	4.5	4.4
39310	Soil	<0.1	2.3	0.02	0.1	<0.5	N.A.	N.A.	N.A.
39311	Soil	<0.1	1.6	0.01	0.2	0.7	<1	4.3	2.6
39312	Soil	<0.1	2.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39313	Soil	<0.1	2.3	0.02	<0.1	<0.5	2	3.9	3.7
39314	Soil	<0.1	2.1	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39315	Soil	<0.1	3.3	<0.01	0.1	0.7	1	3.6	3.2
39316	Soil	<0.1	1.0	<0.01	0.1	0.5	N.A.	N.A.	N.A.
39317	Soil	<0.1	<0.5	0.02	<0.1	0.6	1	1.3	1.3
39318	Soil	<0.1	1.9	<0.01	0.1	1.0	2	1.6	1.7
39319	Soil	<0.1	<0.5	0.02	<0.1	<0.5	1	3.6	2.2
39320	Soil	<0.1	0.8	0.01	0.1	0.6	10	3.0	1.9
39321	Soil	<0.1	<0.5	0.01	0.1	<0.5	<1	2.6	2.0
39322	Soil	<0.1	<0.5	<0.01	0.1	0.5	<1	3.8	2.9
39323	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	1	4.5	3.2
39324	Soil	<0.1	<0.5	0.02	0.2	0.8	<1	4.8	5.3
39325	Soil	<0.1	0.8	<0.01	<0.1	0.7	1	2.4	2.8
39326	Soil	<0.1	0.6	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39327	Soil	<0.1	0.7	<0.01	<0.1	0.6	N.A.	N.A.	N.A.
39328	Soil	<0.1	<0.5	<0.01	<0.1	0.6	2	3.2	2.0
39329	Soil	<0.1	4.8	0.02	<0.1	1.0	N.A.	N.A.	N.A.
39330	Soil	<0.1	0.6	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39331	Soil	<0.1	3.3	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39332	Soil	<0.1	1.1	<0.01	0.1	0.5	35	4.6	2.7
39333	Soil	<0.1	<0.5	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39334	Soil	<0.1	<0.5	<0.01	0.1	<0.5	<1	4.1	2.7
39335	Soil	<0.1	<0.5	0.01	<0.1	3.7	<1	2.5	1.4
39336	Soil	<0.1	0.7	<0.01	<0.1	<0.5	5	3.2	1.6
39337	Soil	0.1	0.9	0.09	<0.1	1.8	<1	1.3	2.0

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**Report Date:** January 29, 2008

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**CERTIFICATE OF ANALYSIS**

**VAN07001403.2**

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
		Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		1	1	0.2	0.1	0.5	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.1	0.02
39338	Soil	453	14	46.6	2.9	18.2	5.0	88.1	56.8	2	142.6	2.4	12.8	1.5	263	3.9	183.9	27.8	66.3	126.2	15.71
39339	Soil	472	11	36.2	2.0	18.1	5.2	95.6	48.2	2	221.3	2.7	10.6	1.0	235	6.1	195.3	21.8	50.4	94.7	11.85
39340	Soil	821	3	49.5	4.0	22.1	6.2	87.2	109.0	3	81.3	3.3	3.4	0.1	376	7.2	224.9	15.3	21.9	44.5	6.16
39341	Soil	323	3	62.6	3.1	12.3	3.2	28.5	48.2	<1	66.2	1.5	2.9	0.6	215	3.1	114.0	12.5	25.0	48.2	6.49
39342	Soil	466	6	34.8	2.4	18.2	3.6	130.3	67.8	2	168.2	3.5	14.4	0.9	182	5.1	156.4	35.0	76.6	139.1	17.66
39343	Soil	812	8	29.4	2.1	19.1	6.2	85.2	63.6	2	212.2	3.8	14.0	0.9	214	5.9	256.0	29.1	84.2	155.3	19.77
39344	Soil	380	5	44.4	3.3	18.3	3.6	51.6	60.8	1	143.1	1.9	7.0	0.8	167	4.4	156.2	24.5	47.7	83.1	10.46
39345	Soil	342	6	33.4	1.4	24.5	6.5	154.1	25.4	3	68.0	6.6	27.2	2.8	391	20.9	278.1	28.2	114.1	230.1	31.93
39346	Soil	699	4	18.1	1.9	16.9	5.7	40.7	76.7	2	285.4	1.8	12.2	1.0	122	2.8	219.1	19.8	45.1	85.8	10.71
39347	Soil	701	3	14.3	2.3	19.0	6.6	51.3	68.5	2	209.5	2.3	8.2	1.5	159	3.0	258.8	12.8	37.8	67.7	8.48
39348	Soil	837	3	27.0	1.6	17.0	5.7	65.4	45.8	2	166.4	2.3	11.6	1.8	166	7.4	240.3	21.9	54.0	101.6	11.50
39349	Soil	536	8	18.5	1.7	19.9	6.7	76.4	62.7	2	200.8	2.7	16.3	1.1	198	14.5	289.7	26.3	52.4	101.0	12.15
39350	Soil	544	2	28.9	2.1	20.9	6.9	67.5	47.4	2	224.8	3.6	9.4	1.1	256	13.8	289.3	23.6	48.7	96.0	11.61

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Project: 20007

Report Date: January 29, 2008

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**CERTIFICATE OF ANALYSIS** **VAN07001403.2**

Method	Analyte	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
39338	Soil	53.8	8.95	2.52	6.42	1.06	5.71	1.12	2.93	0.46	2.76	0.41	1.1	121.6	10.1	89	224.3	1.0	0.2	<0.1	<0.1
39339	Soil	42.2	6.77	1.85	4.98	0.81	4.31	0.84	2.36	0.38	2.20	0.33	1.3	45.7	11.5	84	118.6	<0.5	0.2	<0.1	<0.1
39340	Soil	22.6	4.33	1.25	3.40	0.55	2.84	0.60	1.71	0.30	1.80	0.29	0.3	44.7	5.4	149	198.7	<0.5	0.2	<0.1	<0.1
39341	Soil	23.7	4.62	1.23	3.58	0.59	2.92	0.56	1.41	0.21	1.17	0.16	0.5	50.5	3.8	74	393.0	<0.5	0.1	<0.1	<0.1
39342	Soil	62.3	10.89	2.89	7.97	1.35	6.94	1.37	3.50	0.54	3.19	0.42	6.1	118.0	11.2	95	98.3	0.7	0.3	<0.1	<0.1
39343	Soil	70.8	11.45	3.04	8.03	1.27	5.97	1.22	3.06	0.49	2.75	0.38	2.4	106.3	7.7	77	72.0	0.9	0.1	<0.1	<0.1
39344	Soil	37.9	6.28	1.68	5.19	0.84	4.85	1.00	2.51	0.38	2.29	0.33	3.8	60.9	8.8	100	326.4	<0.5	0.2	<0.1	<0.1
39345	Soil	124.1	19.30	4.68	10.19	1.37	6.25	1.12	3.02	0.48	3.23	0.46	12.7	79.3	12.9	69	37.9	1.0	0.1	<0.1	<0.1
39346	Soil	36.7	6.43	1.69	4.77	0.80	4.11	0.79	2.01	0.31	1.85	0.27	2.0	30.7	11.8	46	34.4	3.0	0.2	<0.1	<0.1
39347	Soil	28.6	4.73	1.10	3.06	0.52	2.55	0.52	1.42	0.24	1.33	0.22	1.1	14.9	8.9	51	34.2	0.9	<0.1	<0.1	<0.1
39348	Soil	38.1	6.10	1.54	3.82	0.66	3.46	0.73	2.16	0.37	2.49	0.39	6.4	62.0	9.3	45	37.1	1.0	0.4	<0.1	<0.1
39349	Soil	43.8	7.03	1.81	4.65	0.79	4.18	0.93	2.63	0.50	2.93	0.46	1.3	26.7	8.5	64	28.3	1.6	0.1	<0.1	<0.1
39350	Soil	42.8	7.35	2.04	5.29	0.85	4.34	0.83	2.20	0.41	2.32	0.38	2.0	33.1	7.0	59	39.9	1.3	0.1	<0.1	<0.1

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## CERTIFICATE OF ANALYSIS

VAN07001403.2

Method	Analyte	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS
		Ag	Au	Hg	Tl	Se	Au	Pt	Pd
Unit		ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
MDL		0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
39338	Soil	<0.1	0.8	0.02	0.1	0.8	<1	2.6	2.9
39339	Soil	<0.1	1.2	0.03	<0.1	0.5	<1	1.9	1.2
39340	Soil	<0.1	<0.5	<0.01	0.2	<0.5	<1	3.2	2.8
39341	Soil	<0.1	<0.5	<0.01	0.3	<0.5	<1	3.9	1.7
39342	Soil	<0.1	1.9	0.02	0.1	0.8	1	2.4	2.0
39343	Soil	<0.1	2.8	<0.01	<0.1	<0.5	<1	2.0	1.5
39344	Soil	0.1	1.0	0.02	<0.1	0.6	<1	2.9	2.9
39345	Soil	<0.1	0.8	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
39346	Soil	<0.1	1.3	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39347	Soil	<0.1	0.7	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39348	Soil	<0.1	11.0	0.02	<0.1	0.9	N.A.	N.A.	N.A.
39349	Soil	<0.1	1.0	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
39350	Soil	<0.1	1.0	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.





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Part 1

QUALITY CONTROL REPORT

VAN07001403.2

Method	Analyte	Unit	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	
			Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr
MDL			ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Pulp Duplicates			1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	
29816	Soil		617	8	12.0	1.6	9.0	2.5	<0.1	15.4	5	1484	46.2	41.8	46.6	52	1.1	111.7	114.3	287.2	617.9	82.75
REP 29816	QC																					
38144	Soil		536	1	17.5	1.4	15.3	5.2	27.2	67.1	1	230.9	1.6	7.5	1.2	120	2.8	173.8	16.9	21.9	49.9	5.38
REP 38144	QC		532	1	17.1	1.3	15.8	5.6	24.2	66.6	1	224.9	1.4	7.6	1.5	122	2.9	191.5	17.8	20.6	46.9	5.07
38852	Soil		666	<1	9.7	1.3	15.7	4.0	6.1	75.2	<1	341.2	0.5	8.6	2.3	56	<0.5	158.4	13.6	25.8	49.0	6.35
REP 38852	QC																					
39154	Soil		312	1	71.0	0.6	18.1	4.8	42.1	15.9	2	225.4	3.3	2.8	0.8	268	0.6	164.2	20.6	17.8	42.2	4.87
REP 39154	QC																					
39160	Soil		725	1	16.5	2.0	18.5	4.2	20.0	92.4	1	294.7	0.9	12.4	1.6	98	0.9	143.1	16.4	42.1	83.3	9.61
REP 39160	QC																					
39179	Soil		580	7	33.8	1.8	17.1	5.7	136.7	46.9	2	210.4	2.5	18.7	1.3	201	7.6	221.3	28.1	195.9	335.5	34.24
REP 39179	QC		596	6	36.3	1.7	18.0	5.7	139.8	48.7	2	201.2	2.4	18.8	1.1	200	7.9	220.5	26.7	196.7	338.8	34.53
39196	Soil		552	30	32.4	1.6	15.8	6.7	83.0	53.3	1	237.9	2.0	38.9	3.3	183	4.0	250.3	39.5	88.7	164.6	20.03
REP 39196	QC																					
39306	Soil		469	1	25.4	1.3	17.2	6.0	68.1	49.0	2	179.1	2.3	8.3	1.0	176	5.5	232.4	16.6	64.7	118.4	12.95
REP 39306	QC		460	3	24.5	1.3	17.9	6.1	64.1	51.0	2	183.1	2.3	9.8	1.0	181	5.5	219.5	16.8	63.8	114.3	12.66
39313	Soil		403	10	36.3	3.2	19.0	6.6	52.1	53.8	2	144.0	2.3	7.1	0.8	218	3.0	252.4	18.5	43.9	88.4	10.39
REP 39313	QC																					
39322	Soil		437	17	49.7	3.0	18.5	4.8	67.5	46.6	2	113.1	2.6	9.5	0.8	286	3.0	188.0	23.6	51.4	105.0	11.85
REP 39322	QC																					
39330	Soil		585	5	24.8	2.0	16.9	5.7	54.9	54.7	2	236.5	2.1	8.3	1.5	173	2.3	219.1	23.1	44.4	90.3	10.60
REP 39330	QC		570	5	25.7	2.0	17.8	6.0	52.4	55.5	2	244.2	2.1	9.0	1.6	180	2.7	221.7	19.1	46.5	91.8	10.77
39350	Soil		544	2	28.9	2.1	20.9	6.9	67.5	47.4	2	224.8	3.6	9.4	1.1	256	13.8	289.3	23.6	48.7	96.0	11.61
REP 39350	QC		524	2	28.5	2.0	20.9	6.8	63.1	45.7	2	222.0	3.6	8.8	1.2	251	14.0	269.9	23.0	48.0	93.3	11.38
Reference Materials																						
STD DS7	Standard																					
STD DS7	Standard																					
STD DS7	Standard																					

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Project: 20007  
 Report Date: January 29, 2008

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**QUALITY CONTROL REPORT**

**VAN07001403.2**

Method	Analyte	Unit	MDL	4B Nd	4B Sm	4B Eu	4B Gd	4B Tb	4B Dy	4B Ho	4B Er	4B Tm	4B Yb	4B Lu	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ni	1DX As	1DX Cd	1DX Sb	1DX Bi
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1
Pulp Duplicates																							
29816	Soil			320.1	56.48	16.18	42.37	6.29	29.59	4.65	10.07	1.34	7.29	0.92	3.6	28.4	20.1	143	16.0	3.7	0.7	0.1	0.2
REP 29816	QC														3.7	28.3	20.4	151	16.5	3.7	0.7	0.1	0.2
38144	Soil			19.0	3.51	0.93	2.72	0.55	3.04	0.62	1.79	0.30	1.77	0.27	9.2	14.0	6.2	49	35.3	2.0	0.2	<0.1	<0.1
REP 38144	QC			19.4	3.47	0.85	2.94	0.54	3.21	0.65	1.87	0.27	1.89	0.28									
38852	Soil			22.6	3.98	0.91	2.78	0.46	2.47	0.46	1.22	0.19	1.27	0.21	1.7	90.6	6.0	33	22.3	2.8	0.1	<0.1	<0.1
REP 38852	QC														1.7	88.5	6.2	33	22.6	2.2	0.1	<0.1	<0.1
39154	Soil			16.8	3.45	1.06	2.78	0.58	3.64	0.72	1.70	0.30	1.82	0.26	0.3	99.3	3.6	47	338.1	2.9	0.3	0.1	<0.1
REP 39154	QC														0.2	98.7	3.6	45	336.5	3.1	0.3	0.1	<0.1
39160	Soil			30.0	4.97	1.06	2.72	0.52	2.96	0.57	1.25	0.23	1.30	0.20	1.4	27.9	9.7	62	45.4	1.9	0.2	0.2	<0.1
REP 39160	QC														1.5	27.4	10.3	64	46.3	2.0	0.1	0.2	<0.1
39179	Soil			101.8	12.40	3.13	4.16	0.97	5.39	0.99	2.20	0.43	2.38	0.35	0.9	60.9	13.1	78	99.6	1.1	0.2	<0.1	0.3
REP 39179	QC			103.5	12.52	3.20	4.06	1.01	5.50	0.92	2.08	0.38	2.28	0.33									
39196	Soil			65.9	12.33	3.80	8.11	1.51	8.23	1.50	3.10	0.53	2.93	0.42	1.9	25.1	12.4	65	144.8	1.1	0.1	<0.1	0.7
REP 39196	QC																						
39306	Soil			43.5	5.86	1.60	3.31	0.57	3.06	0.60	1.59	0.27	1.28	0.21	0.8	30.8	6.9	60	53.7	<0.5	0.1	<0.1	<0.1
REP 39306	QC			43.9	6.13	1.71	3.82	0.60	3.32	0.61	1.78	0.29	1.51	0.23									
39313	Soil			38.1	5.58	1.50	4.00	0.67	3.40	0.66	1.77	0.26	1.67	0.26	0.5	44.9	8.1	65	121.2	0.7	0.2	<0.1	<0.1
REP 39313	QC														0.5	42.1	8.2	62	118.6	0.6	0.1	<0.1	<0.1
39322	Soil			42.7	7.21	2.01	5.55	0.88	4.99	0.91	2.26	0.34	1.94	0.29	1.1	39.6	8.1	57	350.3	0.5	0.2	<0.1	<0.1
REP 39322	QC																						
39330	Soil			37.4	6.25	1.70	4.75	0.78	4.42	0.87	2.38	0.34	2.12	0.29	2.0	58.6	7.4	45	73.3	1.1	<0.1	<0.1	<0.1
REP 39330	QC			36.7	6.49	1.58	4.67	0.75	3.72	0.75	1.99	0.33	1.75	0.27									
39350	Soil			42.8	7.35	2.04	5.29	0.85	4.34	0.83	2.20	0.41	2.32	0.38	2.0	33.1	7.0	59	39.9	1.3	0.1	<0.1	<0.1
REP 39350	QC			42.1	7.23	1.99	5.15	0.90	4.18	0.83	2.35	0.36	2.38	0.35									
Reference Materials																							
STD DS7	Standard														20.9	105.7	64.1	402	55.8	50.2	6.2	4.8	3.9
STD DS7	Standard														20.0	110.5	64.2	383	58.0	47.8	6.0	4.7	3.8
STD DS7	Standard														23.4	117.5	70.4	440	60.6	53.8	6.5	4.8	3.7

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20007

Report Date:

January 29, 2008

Page:

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Part 3

## QUALITY CONTROL REPORT

VAN07001403.2

Method	1DX	1DX	1DX	1DX	1DX	3BMS	3BMS	3BMS	
Analyte	Ag	Au	Hg	Tl	Se	Au	Pt	Pd	
Unit	ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb	
MDL	0.1	0.5	0.01	0.1	0.5	1	0.1	0.5	
Pulp Duplicates									
29816	Soil	<0.1	15.0	0.01	0.2	<0.5	N.A.	N.A.	N.A.
REP 29816	QC	<0.1	12.4	0.02	0.2	<0.5			
38144	Soil	<0.1	0.6	0.02	<0.1	<0.5	N.A.	N.A.	N.A.
REP 38144	QC								
38852	Soil	<0.1	<0.5	0.06	0.1	0.6	N.A.	N.A.	N.A.
REP 38852	QC	<0.1	0.8	0.05	0.1	0.6			
39154	Soil	<0.1	2.3	0.03	<0.1	<0.5	<1	0.9	1.1
REP 39154	QC	<0.1	2.7	0.03	<0.1	<0.5	<1	2.0	2.3
39160	Soil	<0.1	0.6	0.03	0.2	0.6	N.A.	N.A.	N.A.
REP 39160	QC	<0.1	1.4	0.03	0.2	0.6			
39179	Soil	<0.1	0.6	0.01	0.1	<0.5	N.A.	N.A.	N.A.
REP 39179	QC								
39196	Soil	<0.1	<0.5	0.01	0.1	<0.5	<1	1.9	0.5
REP 39196	QC						<1	2.2	0.9
39306	Soil	<0.1	1.0	0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 39306	QC								
39313	Soil	<0.1	2.3	0.02	<0.1	<0.5	2	3.9	3.7
REP 39313	QC	<0.1	1.3	0.01	<0.1	<0.5			
39322	Soil	<0.1	<0.5	<0.01	0.1	0.5	<1	3.8	2.9
REP 39322	QC						<1	3.7	2.9
39330	Soil	<0.1	0.6	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 39330	QC								
39350	Soil	<0.1	1.0	<0.01	<0.1	<0.5	N.A.	N.A.	N.A.
REP 39350	QC								
Reference Materials									
STD DS7	Standard	0.9	56.9	0.19	4.5	3.8			
STD DS7	Standard	0.8	49.7	0.19	4.4	3.8			
STD DS7	Standard	0.8	65.7	0.21	4.4	4.4			





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QUALITY CONTROL REPORT

VAN07001403.2

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX			
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
		0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	
STD DS7	Standard												21.8	114.5	72.3	438	57.3	53.2	6.2	4.4	3.7	
STD DS7	Standard												20.8	106.9	68.5	405	57.1	49.6	7.1	5.1	4.5	
STD DS7	Standard												19.9	111.5	69.2	418	56.5	51.3	6.8	5.1	4.6	
STD DS7	Standard												20.7	107.7	63.3	406	58.2	55.6	6.6	4.9	4.1	
STD DS7	Standard												20.7	108.7	71.3	400	57.4	55.3	7.0	5.1	4.1	
STD DS7	Standard												23.5	102.4	73.3	411	64.1	47.1	6.6	4.9	4.4	
STD DS7	Standard												23.9	107.4	72.5	421	65.0	48.5	6.6	4.7	4.5	
STD DS7	Standard												23.2	110.1	77.2	428	58.8	52.3	6.4	5.7	4.9	
STD DS7	Standard												21.5	114.6	70.5	420	59.8	51.1	7.2	4.8	4.9	
STD DS7	Standard												21.5	112.0	73.1	412	58.1	52.6	6.9	5.1	4.9	
STD DS7	Standard												23.3	112.9	76.0	431	59.7	53.2	6.6	5.3	5.3	
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD FA100S	Standard																					
STD SO-18	Standard	14.3	3.00	0.89	2.86	0.53	3.01	0.63	1.83	0.29	1.77	0.28										
STD SO-18	Standard	14.6	3.03	0.92	2.86	0.53	3.00	0.65	1.83	0.30	1.84	0.29										
STD SO-18	Standard	13.9	2.85	0.86	2.34	0.50	2.88	0.60	1.77	0.29	1.74	0.27										
STD SO-18	Standard	12.8	2.90	0.88	2.81	0.52	2.95	0.62	1.78	0.31	1.75	0.27										
STD SO-18	Standard	13.6	2.92	0.87	2.84	0.52	2.88	0.62	1.76	0.29	1.77	0.28										
STD SO-18	Standard	12.7	2.90	0.87	2.81	0.52	2.97	0.62	1.82	0.28	1.76	0.27										
STD SO-18	Standard	13.7	2.95	0.87	2.81	0.52	2.97	0.63	1.81	0.29	1.75	0.27										
STD SO-18	Standard	13.4	2.96	0.89	2.81	0.53	2.98	0.62	1.81	0.29	1.78	0.28										
STD SO-18	Standard	13.6	2.87	0.86	2.83	0.52	2.92	0.63	1.79	0.29	1.74	0.27										
STD SO-18	Standard	14.0	2.92	0.88	2.82	0.52	2.89	0.62	1.79	0.29	1.75	0.27										
STD SO-18	Standard	11.2	2.56	0.70	2.17	0.43	2.83	0.61	1.53	0.28	1.71	0.27										
STD SO-18	Standard	10.8	2.30	0.68	2.06	0.42	2.84	0.60	1.44	0.27	1.69	0.26										

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QUALITY CONTROL REPORT

VAN07001403.2

		1DX Ag ppm 0.1	1DX Au ppb 0.5	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX Se ppm 0.5	3BMS Au ppb 1	3BMS Pt ppb 0.1	3BMS Pd ppb 0.5
STD DS7	Standard	0.9	50.2	0.21	4.2	4.2			
STD DS7	Standard	0.8	59.7	0.19	4.2	3.9			
STD DS7	Standard	0.8	64.2	0.21	4.3	3.9			
STD DS7	Standard	0.8	51.5	0.19	3.9	3.6			
STD DS7	Standard	0.8	49.1	0.19	4.1	4.0			
STD DS7	Standard	0.9	55.2	0.20	4.5	4.1			
STD DS7	Standard	0.9	67.4	0.23	4.5	4.1			
STD DS7	Standard	0.8	61.0	0.22	4.8	3.9			
STD DS7	Standard	0.8	57.9	0.19	4.7	4.1			
STD DS7	Standard	0.9	273.6	0.18	4.5	3.7			
STD DS7	Standard	0.8	72.6	0.20	4.7	4.1			
STD FA100S	Standard						39	43.9	42.0
STD FA100S	Standard						40	44.6	43.2
STD FA100S	Standard						55	54.0	53.2
STD FA100S	Standard						60	59.8	55.5
STD FA100S	Standard						56	53.3	58.6
STD FA100S	Standard						57	54.5	57.0
STD SO-18	Standard								
STD SO-18	Standard								
STD SO-18	Standard								
STD SO-18	Standard								
STD SO-18	Standard								
STD SO-18	Standard								
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**QUALITY CONTROL REPORT**

**VAN07001403.2**

		4B Ba ppm	4B Be ppm	4B Co ppm	4B Cs ppm	4B Ga ppm	4B Hf ppm	4B Nb ppm	4B Rb ppm	4B Sn ppm	4B Sr ppm	4B Ta ppm	4B Th ppm	4B U ppm	4B V ppm	4B W ppm	4B Zr ppm	4B Y ppm	4B La ppm	4B Ce ppm	4B Pr ppm	
STD SO-18	Standard	504	<1	26.3	7.0	17.5	9.9	20.3	29.0	15	414.2	7.2	10.6	16.9	205	14.9	279.6	31.8	12.2	26.9	3.48	
STD SO-18	Standard	513	1	27.1	6.9	17.5	9.9	20.4	28.3	15	409.7	7.3	10.3	17.0	203	15.0	280.5	32.0	12.0	26.5	3.45	
STD DS7 Expected																						
STD SO-18 Expected		514		26.2	7.1	17.6	9.8	20.9	28.7	15	407.4	7.4	9.9	16.4	200	15.1	280	33	12.3	27.1	3.45	
STD FA100S Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	0.5	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank																					
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	0.9	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank	<1	<1	<0.2	<0.1	<0.5	<0.1	<0.1	1.8	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
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BLK	Blank																					

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**Project:** 20007  
**Report Date:** January 29, 2008

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**QUALITY CONTROL REPORT**

**VAN07001403.2**

		4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
STD SO-18	Standard	13.8	2.95	0.86	2.83	0.53	2.88	0.62	1.79	0.28	1.81	0.27									
STD SO-18	Standard	13.8	2.96	0.88	2.81	0.51	2.89	0.62	1.80	0.28	1.74	0.28									
STD DS7 Expected													20.92	109	70.6	411	56	48.2	6.38	5.86	4.51
STD SO-18 Expected		14	3	0.89	2.93	0.53	3	0.62	1.84	0.29	1.79	0.27									
STD FA100S Expected																					
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank												<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank	<0.3	<0.05	<0.02	<0.05	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01									
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.





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Client: **Dahrouge Geological Consulting**

18 - 10509 - 81 Ave  
 Edmonton AB T6E 1T7 Canada

Project: 20007

Report Date: January 29, 2008

Page: 3 of 3 Part 3

**QUALITY CONTROL REPORT**

**VAN07001403.2**

		1DX Ag ppm	1DX Au ppb	1DX Hg ppm	1DX Tl ppm	1DX Se ppm	3BMS Au ppb	3BMS Pt ppb	3BMS Pd ppb
STD SO-18	Standard	0.1	0.5	0.01	0.1	0.5	1	0.1	0.5
STD SO-18	Standard								
STD DS7 Expected		0.89	70	0.2	4.19	3.5			
STD SO-18 Expected									
STD FA100S Expected							45	45	45
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank								
BLK	Blank								
BLK	Blank	<0.1	<0.5	<0.01	<0.1	<0.5			
BLK	Blank								
BLK	Blank								
BLK	Blank								
BLK	Blank						<1	<0.1	<0.5
BLK	Blank						<1	<0.1	<0.5
BLK	Blank						<1	<0.1	<0.5
BLK	Blank						<1	<0.1	<0.5
BLK	Blank						<1	<0.1	<0.5
BLK	Blank						<1	<0.1	<0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

**APPENDIX 8: GROUND MAGNETIC AND SCINTILLOMETER SURVEY**

Coordinate System NAD83 Z19

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
03000S	-3100	535785.3	6309452	56516	99	49114	101206	45
03000S	-3087.5	535796.1	6309458	56497.5	99	49096.1	101314	42
03000S	-3075	535807	6309464	56376.2	99	48975.1	101850	53
03000S	-3062.5	535817.8	6309471	56217.1	99	48816.4	102006	84
03000S	-3050	535828.6	6309477	56261.2	99	48858.7	102314	80
03000S	-3037.5	535839.4	6309483	56268.6	99	48866	102558	59
03000S	-3025	535850.3	6309489	56586.4	99	49183.3	102622	76
03000S	-3012.5	535861.1	6309496	57647.5	59	50243.4	102654	-
03000S	-3000	535871.9	6309502	58249.7	99	50846.3	102726	88
03000S	-2987.5	535882.7	6309508	57824.3	99	50420.4	102758	75
03000S	-2975	535893.6	6309514	57315	99	49911.4	102822	120
03000S	-2962.5	535904.4	6309521	56723.7	99	49320.3	102902	124
03000S	-2950	535915.2	6309527	56237.8	99	48835.2	103210	76
03000S	-2937.5	535926.1	6309533	56201.7	99	48797.7	103326	65
03000S	-2925	535936.9	6309539	56216.6	99	48813	103414	63
03000S	-2912.5	535947.7	6309546	56236.7	99	48832.8	103618	105
03000S	-2900	535958.5	6309552	56251.9	99	48847.5	103738	85
03000S	-2887.5	535969.4	6309558	56311.5	99	48906.4	103814	65
03000S	-2875	535980.2	6309564	56362.2	99	48958.2	103854	67
03000S	-2862.5	535991	6309571	56343.6	99	48939.1	104014	130
03000S	-2850	536001.8	6309577	56408.3	99	49003.9	104046	135
03000S	-2837.5	536012.7	6309583	57012.5	99	49607.8	104126	82
03000S	-2825	536023.5	6309589	57793.6	99	50389.8	104202	148
03000S	-2812.5	536034.3	6309596	57430.1	99	50026.2	104338	85
03000S	-2800	536045.1	6309602	56729.5	99	49325.5	104446	75
03000S	-2787.5	536056	6309608	56222.3	99	48818.3	104542	77
03000S	-2775	536066.8	6309614	56061.1	99	48657.7	104638	55
03000S	-2762.5	536077.6	6309621	56091.9	99	48689.1	104734	54
03000S	-2750	536088.4	6309627	56072.2	99	48668	104854	76
03000S	-2737.5	536099.3	6309633	56080	99	48676.2	104950	83
03000S	-2725	536110.1	6309639	56138.9	99	48734.7	105026	120
03000S	-2712.5	536120.9	6309646	56161.1	99	48757.3	105122	75
03000S	-2700	536131.7	6309652	56203.6	99	48799.4	105142	87
03000S	-2687.5	536142.6	6309658	56220.6	99	48816.8	105326	73
03000S	-2675	536153.4	6309664	56327.3	99	48922.4	105426	85
03000S	-2662.5	536164.2	6309671	56517.1	99	49112.4	105510	63
03000S	-2650	536175	6309677	57656.9	99	50251.4	105550	47
03000S	-2637.5	536185.9	6309683	59729.6	99	52324.5	105642	28
03000S	-2625	536196.7	6309689	57407.9	99	50003.1	105714	21
03000S	-2612.5	536207.5	6309696	56286.6	99	48882.1	105758	25
03000S	-2600	536218.3	6309702	56101.4	99	48696.3	105922	32
03000S	-2587.5	536229.2	6309708	55919.6	99	48514.1	105958	47
03000S	-2575	536240	6309714	55809.6	99	48404.5	110102	55
03000S	-2562.5	536250.8	6309721	56033.1	99	48627.9	110134	53
03000S	-2550	536261.6	6309727	56312.5	99	48907.8	110250	75
03000S	-2537.5	536272.5	6309733	55648.7	99	48244.4	110410	50
03000S	-2525	536283.3	6309739	55824.7	99	48419.3	110622	38
03000S	-2512.5	536294.1	6309746	55997.6	99	48591.6	110722	107
03000S	-2500	536304.9	6309752	56545.8	99	49139.5	110850	72
03000S	-2487.5	536315.8	6309758	58330.8	99	50923.7	111038	64
03000S	-2475	536326.6	6309764	59769.4	99	52362	111134	55
03000S	-2462.5	536337.4	6309771	60043	99	52635.7	111202	68
03000S	-2450	536348.2	6309777	59176.6	89	51768	111314	68
03000S	-2437.5	536359.1	6309783	58703.2	99	51295	111434	63
03000S	-2425	536369.9	6309789	58481.7	99	51073.3	111554	62
03000S	-2412.5	536380.7	6309796	59337.6	19	51929.3	111650	61
03000S	-2400	536391.5	6309802	61741.8	99	54334.2	111726	63
03000S	-2387.5	536402.4	6309808	61410.2	99	54002.2	111838	80
03000S	-2375	536413.2	6309814	60026.5	99	52618.3	111946	57
03000S	-2362.5	536424	6309821	59994.4	99	52585.5	112022	73

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
03000S	-2350	536434.8	6309827	58948.1	99	51540.7	112146	65
03000S	-2337.5	536445.7	6309833	59592.5	99	52184.5	112242	76
03000S	-2325	536456.5	6309839	58693.7	99	51286.5	112326	76
03000S	-2312.5	536467.3	6309846	59101.9	99	51694.8	112418	58
03000S	-2300	536478.1	6309852	58317.1	99	50910.7	112514	68
03000S	-2287.5	536489	6309858	58949	99	51542.7	112646	74
03000S	-2275	536499.8	6309864	57304	99	49896.9	112846	63
03000S	-2262.5	536510.6	6309871	58555.2	99	51148.2	112942	72
03000S	-2250	536521.4	6309877	59690.5	99	52282.3	113222	74
03000S	-2237.5	536532.3	6309883	59597.9	99	52189.4	113330	75
03000S	-2225	536543.1	6309889	59278.7	99	51869.6	113454	62
03000S	-2212.5	536553.9	6309896	60040.6	99	52630.8	113550	77
03000S	-2200	536564.7	6309902	60230.7	59	52821.6	113646	66
03000S	-2187.5	536575.6	6309908	59945	99	52535	113754	72
03000S	-2175	536586.4	6309914	58615.2	99	51205	113854	79
03000S	-2162.5	536597.2	6309921	58402.3	99	50991.8	113950	112
03000S	-2150	536608	6309927	58066.1	99	50655.4	114054	69
03000S	-2137.5	536618.9	6309933	57954.3	99	50544.2	114150	55
03000S	-2125	536629.7	6309939	59281.3	99	51871.2	114254	59
03000S	-2112.5	536640.5	6309946	58373.2	99	50962.7	114354	73
03000S	-2100	536651.3	6309952	58209.6	99	50798.7	114626	77
03000S	-2087.5	536662.2	6309958	57735.3	99	50324.8	114734	86
03000S	-2075	536673	6309964	58112.9	99	50702.6	114838	83
03000S	-2062.5	536683.8	6309971	58088	99	50676.7	114958	104
03000S	-2050	536694.6	6309977	57046.6	99	49635.8	115058	90
03000S	-2037.5	536705.5	6309983	57140.8	99	49729.9	115150	80
03000S	-2025	536716.3	6309989	56878.3	99	49466.3	115238	83
03000S	-2012.5	536727.1	6309996	57236.2	99	49825.4	115330	68
03000S	-2000	536737.9	6310002	57262.1	99	49851.5	115422	69
03000S	-1987.5	536748.8	6310008	56757	99	49345.9	115510	75
03000S	-1975	536759.6	6310014	56775.1	99	49363.6	115626	80
03000S	-1962.5	536770.4	6310021	56663	99	49253.4	121650	74
03000S	-1950	536781.3	6310027	56643.9	99	49234	121742	76
03000S	-1937.5	536792.1	6310033	57094.4	99	49683.2	121834	74
03000S	-1925	536802.9	6310039	58547.6	99	51137.5	121914	65
03000S	-1912.5	536813.7	6310046	57189.4	99	49778.7	121958	80
03000S	-1900	536824.6	6310052	57064.9	99	49653.9	122058	72
03000S	-1887.5	536835.4	6310058	56934.4	99	49523.5	122150	53
03000S	-1875	536846.2	6310064	56663.6	99	49253.6	122230	85
03000S	-1862.5	536857	6310071	56659.3	99	49248.2	122310	70
03000S	-1850	536867.9	6310077	56646.1	99	49235.5	122410	64
03000S	-1837.5	536878.7	6310083	56593.6	99	49182.4	122514	46
03000S	-1825	536889.5	6310089	56517	99	49105.7	122702	30
03000S	-1812.5	536900.3	6310096	56571.3	99	49160.2	122742	34
03000S	-1800	536911.2	6310102	56699.7	99	49288.6	122902	36
03000S	-1787.5	536922	6310108	56625.7	99	49213.9	122950	74
03000S	-1775	536932.8	6310114	56525.7	99	49113.8	123046	71
03000S	-1762.5	536943.6	6310121	56462.2	99	49050.2	123126	84
03000S	-1750	536954.5	6310127	56532.7	99	49120.6	123222	85
03000S	-1737.5	536965.3	6310133	56485.1	99	49073.5	123318	78
03000S	-1725	536976.1	6310139	56529.2	99	49117.6	123406	69
03000S	-1712.5	536986.9	6310146	56510.9	99	49099	123442	90
03000S	-1700	536997.8	6310152	56514.5	99	49102.9	123542	87
03000S	-1687.5	537008.6	6310158	56427.6	99	49015.4	123618	72
03000S	-1675	537019.4	6310164	56268.7	99	48856.1	123706	85
03000S	-1662.5	537030.2	6310171	56260.3	99	48847.7	123758	86
03000S	-1650	537041.1	6310177	56227.6	99	48815.1	123834	110
03000S	-1637.5	537051.9	6310183	56113.9	99	48702	123922	66
03000S	-1625	537062.7	6310189	56843.3	99	49431.5	124026	112
03000S	-1612.5	537073.5	6310196	57044.8	99	49631.8	124122	80
03000S	-1600	537084.4	6310202	58060.1	99	50647.4	124158	88
03000S	-1587.5	537095.2	6310208	57846.9	99	50434.6	124234	73
03000S	-1575	537106	6310214	57804.6	99	50392.9	124334	86

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
03000S	-1562.5	537116.8	6310221	58154.5	69	50742.1	124438	90
03000S	-1550	537127.7	6310227	56978.7	99	49565.9	124526	70
03000S	-1537.5	537138.5	6310233	56595	99	49182.3	124610	74
03000S	-1525	537149.3	6310239	56268.2	99	48855.8	124650	110
03000S	-1512.5	537160.1	6310246	56245.7	99	48832.8	124734	73
03000S	-1500	537171	6310252	56149.9	99	48737.4	125526	-
03000S	-1487.5	537181.8	6310258	56149.3	99	48737.2	125534	58
03000S	-1475	537192.6	6310264	56144.6	99	48733.1	125542	88
03000S	-1462.5	537203.4	6310271	56216.8	99	48805.2	125626	74
03000S	-1450	537214.3	6310277	56120.8	99	48709.3	125758	86
03000S	-1437.5	537225.1	6310283	56232.8	99	48820.8	125838	90
03000S	-1425	537235.9	6310289	56248.6	99	48836.8	125930	76
03000S	-1412.5	537246.7	6310296	56264.4	99	48853.2	130026	59
03000S	-1400	537257.6	6310302	56136.9	99	48725.7	130134	67
03000S	-1387.5	537268.4	6310308	56111.4	99	48699.9	130234	58
03000S	-1375	537279.2	6310314	56083.1	99	48672.2	130330	66
03000S	-1362.5	537290	6310321	56556.2	99	49145.5	130506	76
03000S	-1350	537300.9	6310327	57171.4	99	49760.5	130710	74
03000S	-1337.5	537311.7	6310333	56435.5	99	49023.7	130806	118
03000S	-1325	537322.5	6310339	56730.8	99	49319.3	130906	79
03000S	-1312.5	537333.3	6310346	56416.8	99	49005.1	131006	82
03000S	-1300	537344.2	6310352	56400.7	99	48989.5	131038	122
03000S	-1287.5	537355	6310358	56350.1	99	48938.9	131118	76
03000S	-1275	537365.8	6310364	56191.3	99	48779.6	131158	74
03000S	-1262.5	537376.6	6310371	56102.4	99	48690.9	131250	55
03000S	-1250	537387.5	6310377	56007.9	99	48596.1	131346	85
03000S	-1237.5	537398.3	6310383	56025.5	99	48613.4	131442	78
03000S	-1225	537409.1	6310389	56052.6	99	48639.4	131530	67
03000S	-1212.5	537419.9	6310396	56190.7	99	48778.2	131618	73
03000S	-1200	537430.8	6310402	56272.2	99	48860.4	131722	70
03000S	-1187.5	537441.6	6310408	56452.7	99	49041.1	131810	76
03000S	-1175	537452.4	6310414	56788.4	99	49376.9	131934	58
03000S	-1162.5	537463.2	6310421	56900.1	99	49488.5	132042	80
03000S	-1150	537474.1	6310427	56531.9	99	49120	132146	65
03000S	-1137.5	537484.9	6310433	56708.3	99	49296.1	132246	80
03000S	-1125	537495.7	6310439	56663.2	99	49251.1	132350	77
03000S	-1112.5	537506.5	6310446	56502.7	99	49090.9	132430	75
03000S	-1100	537517.4	6310452	56453.5	99	49041.9	132526	68
03000S	-1087.5	537528.2	6310458	56443	99	49032.5	132614	75
03000S	-1075	537539	6310464	56319	99	48906.9	132722	81
03000S	-1062.5	537549.8	6310471	56328.4	99	48917	132758	131
03000S	-1050	537560.7	6310477	56505.9	99	49094.2	132850	706
03000S	-1037.5	537571.5	6310483	56642	99	49229.5	133022	82
03000S	-1025	537582.3	6310489	56690.8	99	49278.5	133146	85
03000S	-1012.5	537593.1	6310496	56760.8	99	49348.7	133614	86
03000S	-1000	537604	6310502	56819.5	99	49407.3	133654	87
03000S	-987.5	537614.8	6310508	57043.7	99	49630.7	133814	95
03000S	-975	537625.6	6310514	57476.4	99	50063.1	134034	88
03000S	-962.5	537636.5	6310521	59200.6	39	51788.1	134126	95
03000S	-950	537647.3	6310527	59882	99	52469.2	134222	93
03000S	-937.5	537658.1	6310533	63721.9	29	56309.6	134314	91
03000S	-925	537668.9	6310539	61162.6	49	53749.4	134410	107
03000S	-912.5	537679.8	6310546	57362	99	49949.5	134502	80
03000S	-900	537690.6	6310552	57533.1	99	50120.5	134554	70
03000S	-887.5	537701.4	6310558	57454.1	99	50041.6	134658	78
03000S	-875	537712.2	6310564	57321.1	99	49908.3	134950	70
03000S	-862.5	537723.1	6310571	57310.1	99	49897.2	135030	80
03000S	-850	537733.9	6310577	56987	99	49573.5	135102	95
03000S	-837.5	537744.7	6310583	56889.6	99	49476.9	135146	80
03000S	-825	537755.5	6310589	56918.9	99	49505.5	135226	85
03000S	-812.5	537766.4	6310596	57302.5	99	49889.6	135350	75
03000S	-800	537777.2	6310602	57528.4	99	50114.8	135442	65
03000S	-787.5	537788	6310608	56374	99	48960.4	135546	100

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
03000S	-775	537798.8	6310614	56265.5	99	48851.7	135638	95
03000S	-762.5	537809.7	6310621	57726.9	99	50313.1	135734	75
03000S	-750	537820.5	6310627	57352.8	99	49938.1	135946	70
03000S	-737.5	537831.3	6310633	57014.5	99	49599.5	140042	170
03000S	-725	537842.1	6310639	56903.6	99	49488.7	140154	150
03000S	-712.5	537853	6310646	56909.6	99	49494.3	140306	80
03000S	-700	537863.8	6310652	56929.2	99	49514.1	140454	80
03000S	-687.5	537874.6	6310658	56901.7	99	49486.5	140546	90
03000S	-675	537885.4	6310664	56927.1	99	49511.2	140646	80
03000S	-662.5	537896.3	6310671	56926.9	99	49510.7	140742	140
03000S	-650	537907.1	6310677	56950.3	99	49534.3	140906	150
03000S	-637.5	537917.9	6310683	56988.8	99	49572.4	140958	80
03000S	-625	537928.7	6310689	57015.6	99	49598.9	141058	140
03000S	-612.5	537939.6	6310696	57041.3	99	49624.5	141206	90
03000S	-600	537950.4	6310702	57159.4	99	49743.3	141310	120
03000S	-587.5	537961.2	6310708	57121.9	99	49705.6	141426	120
03000S	-575	537972	6310714	57161	99	49744.2	141530	115
03000S	-562.5	537982.9	6310721	57196.9	99	49780	142138	70
03000S	-550	537993.7	6310727	57286	99	49869.5	142254	70
03000S	-537.5	538004.5	6310733	57345.9	99	49930.1	142402	80
03000S	-525	538015.3	6310739	57365.5	99	49949.1	142454	90
03000S	-512.5	538026.2	6310746	57499.8	99	50083.7	142546	90
03000S	-500	538037	6310752	57526.5	99	50111.2	142634	90
03000S	-487.5	538047.8	6310758	57566.2	99	50149.9	142810	85
03000S	-475	538058.6	6310764	57553.5	99	50138.1	142918	80
03000S	-462.5	538069.5	6310771	57709.5	99	50294.2	143310	100
03000S	-450	538080.3	6310777	57802.2	99	50386.6	143422	160
03000S	-437.5	538091.1	6310783	58014.8	99	50599.7	143542	170
03000S	-425	538101.9	6310789	58123.1	99	50708.8	143626	110
03000S	-412.5	538112.8	6310796	58555.6	99	51140.7	143718	60
03000S	-400	538123.6	6310802	58606.5	99	51190.4	143822	90
03000S	-387.5	538134.4	6310808	58746.5	99	51330.6	143842	55
03000S	-375	538145.2	6310814	58833.6	99	51418.1	143918	60
03000S	-362.5	538156.1	6310821	58937.2	99	51521.5	143946	50
03000S	-350	538166.9	6310827	59008.1	99	51592.3	144038	55
03000S	-337.5	538177.7	6310833	59029.2	99	51612.8	144946	80
03000S	-250	538253.5	6310877	59028.4	99	51612.3	145050	330
03000S	-237.5	538264.3	6310883	59027.9	99	51612.2	145058	430
03000S	-225	538275.1	6310889	59178.4	99	51761.6	145146	320
03000S	-212.5	538286	6310896	58714.2	99	51297.6	145318	330
03000S	-200	538296.8	6310902	58535.7	99	51118.3	145530	120
03000S	-187.5	538307.6	6310908	58430.2	99	51013.2	145630	100
03000S	-175	538318.4	6310914	58264.7	99	50847.6	145718	110
03000S	-162.5	538329.3	6310921	58184.2	99	50767.1	145826	540
03000S	-150	538340.1	6310927	57913.7	99	50496.7	145918	680
03000S	-137.5	538350.9	6310933	57783.2	99	50366.3	150010	260
03000S	-125	538361.7	6310939	57628.9	99	50212.3	150106	320
03000S	-112.5	538372.6	6310946	57462.5	99	50045.4	150154	170
03000S	-100	538383.4	6310952	57472.4	99	50055.6	150246	210
03000S	-87.5	538394.2	6310958	57295.1	99	49877.8	150330	190
03000S	-75	538405	6310964	57210.6	99	49793.6	150410	140
03000S	-62.5	538415.9	6310971	57212.3	99	49796.1	150454	170
03000S	-50	538426.7	6310977	57023.9	99	49607	150530	220
03000S	-37.5	538437.5	6310983	56876.2	99	49459.4	150618	150
03000S	-25	538448.3	6310989	56834.2	99	49417.3	150714	220
03000S	-12.5	538459.2	6310996	56838	99	49421.6	150742	190
03000S	0	538470	6311002	56891.2	99	49475	150814	180
03000S	12.5	538480.8	6311008	56945	99	49529.1	150902	210
03000S	25	538491.7	6311014	56898	99	49481.4	150942	185
03000S	37.5	538502.5	6311021	56915.9	99	49499.1	151026	190
03000S	50	538513.3	6311027	56793.1	99	49376.3	151110	230
03000S	62.5	538524.1	6311033	56800.4	99	49384.3	151150	140
03000S	75	538535	6311039	56778.1	99	49361.6	151238	600

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
03000S	87.5	538545.8	6311046	56769	99	49352.3	151314	590
03000S	100	538556.6	6311052	56840.1	99	49423.7	151358	150
03000S	112.5	538567.4	6311058	56637.2	99	49220.8	151446	250
03000S	125	538578.3	6311064	56863.3	99	49447	151534	160
03000S	137.5	538589.1	6311071	56670.8	99	49254.2	151646	860
03000S	150	538599.9	6311077	56550.1	99	49134.2	151754	130
03000S	162.5	538610.7	6311083	56580.3	99	49164.7	151854	150
03000S	175	538621.6	6311089	56671.1	99	49255.5	151958	150
03000S	187.5	538632.4	6311096	56503.8	99	49087.8	152058	130
03000S	200	538643.2	6311102	56579.7	99	49163.5	152222	180
03000S	212.5	538654	6311108	56625.6	99	49210.4	152314	120
03000S	225	538664.9	6311114	56731.5	99	49315.9	152350	150
03000S	237.5	538675.7	6311121	56388.2	99	48973.2	152446	90
03000S	250	538686.5	6311127	56536.6	99	49121.9	152542	110
03000S	262.5	538697.3	6311133	56329.5	99	48914.8	152650	140
03000S	275	538708.2	6311139	56803.1	49	49389.7	152750	140
03000S	287.5	538719	6311146	56447.1	99	49033.7	152854	130
03000S	300	538729.8	6311152	56441.9	99	49029	152938	110
03000S	312.5	538740.6	6311158	56716.9	99	49303.5	153030	130
03000S	325	538751.5	6311164	56366.6	99	48953.4	153122	200
03000S	337.5	538762.3	6311171	56360.4	99	48950.9	153826	160
03000S	350	538773.1	6311177	56300.1	99	48889.8	153938	200
03000S	362.5	538783.9	6311183	56314.1	99	48904.2	154202	180
03000S	375	538794.8	6311189	56301	99	48889.9	154326	170
03000S	387.5	538805.6	6311196	56328.4	99	48917.1	154442	140
03000S	400	538816.4	6311202	56412.1	99	48998.8	155914	140
03000S	412.5	538827.2	6311208	56581.4	99	49167.6	160022	120
03000S	425	538838.1	6311214	56451.6	99	49037.8	160102	140
03000S	437.5	538848.9	6311221	56396.5	99	48982.4	160118	150
03000S	450	538859.7	6311227	56332.2	99	48918.9	160142	130
03000S	462.5	538870.5	6311233	56251.7	99	48838.6	160210	120
03000S	475	538881.4	6311239	56570.3	99	49157.4	160250	250
03000S	487.5	538892.2	6311246	56428.8	99	49015.4	160326	410
03000S	500	538903	6311252	56416.4	99	49002.9	160446	210
03000S	512.5	538913.8	6311258	56422.8	99	49009.5	160534	160
03000S	525	538924.7	6311264	56398.6	99	48985.8	160614	190
03000S	537.5	538935.5	6311271	56281.2	99	48867.9	160646	150
03000S	550	538946.3	6311277	56229.5	99	48815.8	160730	110
03000S	562.5	538957.1	6311283	56201.9	99	48787.6	160802	130
03000S	575	538968	6311289	56614.5	99	49201.2	160830	150
03000S	587.5	538978.8	6311296	56994.4	99	49580.8	160914	150
03000S	600	538989.6	6311302	56211	99	48798.7	161210	90
03000S	612.5	539000.4	6311308	56211.3	99	48798.8	161250	180
03000S	625	539011.3	6311314	56057.8	99	48645.6	161342	140
03000S	637.5	539022.1	6311321	56304.6	99	48892	161410	350
03000S	650	539032.9	6311327	57223.4	99	49810.5	161442	180
03000S	662.5	539043.7	6311333	57372	99	49959.1	161522	160
03000S	675	539054.6	6311339	56816.6	99	49404.4	161554	190
03000S	687.5	539065.4	6311346	56755	99	49342.2	161622	170
03000S	700	539076.2	6311352	56265.5	99	48853.4	161658	170
03000S	712.5	539087	6311358	56276	99	48864.8	161734	240
03000S	725	539097.9	6311364	56986.5	99	49575.2	161810	150
03000S	737.5	539108.7	6311371	57184.5	99	49772.7	161854	140
03000S	750	539119.5	6311377	57198.1	99	49786.5	162018	130
03000S	762.5	539130.3	6311383	57298.5	99	49887.5	162118	130
03000S	775	539141.2	6311389	57316.2	99	49905	162150	140
03000S	787.5	539152	6311396	57144.6	99	49733.2	162310	140
03000S	800	539162.8	6311402	56768.3	99	49356.6	162418	180
03000S	812.5	539173.6	6311408	56463.6	99	48734.7	92426	150
03000S	825	539184.5	6311414	56480.3	99	48751	92546	130
03000S	837.5	539195.3	6311421	56726.3	99	48999.5	92638	150
03000S	850	539206.1	6311427	56746.7	99	49016.7	92918	120
03000S	862.5	539216.9	6311433	56455.8	99	48726.1	92946	120

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
03000S	875	539227.8	6311439	56553	99	48823.7	93002	120
03000S	887.5	539238.6	6311446	56309.7	99	48579.1	93054	110
03000S	900	539249.4	6311452	56903.1	19	49173.9	93150	100
03000S	912.5	539260.2	6311458	56587.4	99	48856.9	93206	100
03000S	925	539271.1	6311464	56395.6	99	48665.3	93306	120
03000S	937.5	539281.9	6311471	56392.1	99	48662.4	93322	100
03000S	950	539292.7	6311477	56077.9	99	48347.6	93614	110
03000S	962.5	539303.5	6311483	56053.9	99	48323.8	93702	70
03000S	975	539314.4	6311489	56245.9	99	48515.2	93814	110
03000S	987.5	539325.2	6311496	56378.3	99	48647.9	93850	110
03000S	1000	539336	6311502	56475.9	99	48745.2	93922	90
03000S	1012.5	539346.9	6311508	56411.2	99	48681.1	94010	120
03000S	1025	539357.7	6311514	56498.3	99	48769	94106	100
03000S	1037.5	539368.5	6311521	56948	99	49217.2	94146	100
03000S	1050	539379.3	6311527	57447.2	99	49716.1	94214	160
03000S	1062.5	539390.2	6311533	56798	99	49067.4	94302	120
03000S	1075	539401	6311539	56552.9	99	48822	94350	90
03000S	1087.5	539411.8	6311546	56630.4	99	48899.8	94438	110
03000S	1100	539422.6	6311552	56823.7	99	49093.4	94526	90
03000S	1112.5	539433.5	6311558	57622.1	99	49890.3	94610	110
03000S	1125	539444.3	6311564	56951.6	99	49219.8	94654	130
03000S	1137.5	539455.1	6311571	56931.8	99	49199.4	94734	100
03000S	1150	539465.9	6311577	57316.2	99	49582.1	100006	100
03000S	1162.5	539476.8	6311583	57496.8	99	49764.1	100110	80
03000S	1175	539487.6	6311589	57251.1	99	49517.4	100202	100
03000S	1187.5	539498.4	6311596	56925.7	99	49193	100306	80
03000S	1200	539509.2	6311602	56993.7	99	49261.5	101654	100
03000S	1212.5	539520.1	6311608	57830.3	99	50096.1	101718	130
03000S	1225	539530.9	6311614	59259.7	99	51524.3	101826	120
03000S	1237.5	539541.7	6311621	58568	99	50832.8	101906	190
03000S	1250	539552.5	6311627	57767.3	99	50032.8	102622	220
03000S	1262.5	539563.4	6311633	57495.7	99	49760.8	102658	130
03000S	1275	539574.2	6311639	57314.9	99	49580.1	102750	130
03000S	1287.5	539585	6311646	57760	99	50024.4	102842	120
03000S	1300	539595.8	6311652	57151.5	99	49416.4	103514	150
03000S	1312.5	539606.7	6311658	56744.4	99	49009	103658	260
03000S	1325	539617.5	6311664	57006.9	99	49270.1	103842	200
03000S	1337.5	539628.3	6311671	57286.7	99	49550.8	104046	220
03000S	1350	539639.1	6311677	57326.9	99	49591.5	104958	150
03000S	1362.5	539650	6311683	57444.7	99	49708.4	105038	110
03000S	1375	539660.8	6311689	57473.3	99	49739.5	105242	190
03000S	1387.5	539671.6	6311696	57561.3	99	49827.3	105350	155
03000S	1400	539682.4	6311702	57585.1	99	49849	110154	120
03000S	1412.5	539693.3	6311708	57680.9	99	49946.8	110226	180
03000S	1425	539704.1	6311714	57645.7	99	49911.7	110342	170
03000S	1437.5	539714.9	6311721	57482.1	99	49746.4	110450	110
03000S	1450	539725.7	6311727	57837.9	99	50102.4	111454	70
03000S	1462.5	539736.6	6311733	57670.9	99	49937.8	112142	110
03000S	1475	539747.4	6311739	57374.7	99	49640.7	112342	200
03000S	1487.5	539758.2	6311746	57443.7	99	49709.8	112358	180
03000S	1500	539769	6311752	57543.5	99	49807.7	113606	120
03000S	1512.5	539779.9	6311758	57349.9	99	49613.7	113742	220
03000S	1525	539790.7	6311764	57322.7	99	49587.8	113806	200
03000S	1537.5	539801.5	6311771	57547.9	99	49809.9	113834	160
03000S	1550	539812.3	6311777	57584.2	99	49844.8	114658	210
03000S	1562.5	539823.2	6311783	57865.9	99	50126.1	114734	320
03000S	1575	539834	6311789	57568.1	99	49826.8	114802	230
03000S	1587.5	539844.8	6311796	57236.3	99	49495.7	114842	170
03000S	1600	539855.6	6311802	57037	99	49295.9	115538	280
03000S	1612.5	539866.5	6311808	57124.8	99	49383.1	115622	130
03000S	1625	539877.3	6311814	57456.3	99	49714.5	115726	180
03000S	1637.5	539888.1	6311821	57488.3	99	49747	115806	130
03000S	1650	539898.9	6311827	57606.6	99	49863.8	120730	170

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
03000S	1662.5	539909.8	6311833	57355.9	99	49613.3	120802	80
03000S	1675	539920.6	6311839	57323.8	99	49584.1	120850	120
03000S	1687.5	539931.4	6311846	57032	99	49290	121002	80
03000S	1700	539942.2	6311852	56950.2	99	49203.9	124202	70
03000S	1712.5	539953.1	6311858	57065.6	99	49319.1	124314	80
03000S	1725	539963.9	6311864	57061.8	99	49316.1	124354	100
03000S	1737.5	539974.7	6311871	57301	99	49556.8	124434	160
03000S	1750	539985.5	6311877	57194.4	99	49448	125634	60
03000S	1762.5	539996.4	6311883	57127	99	49380.8	125722	80
03000S	1775	540007.2	6311889	57703.8	99	49955.1	125802	100
03000S	1787.5	540018	6311896	57457.4	99	49708.2	125842	90
03000S	1800	540028.8	6311902	57349	99	49598.4	130702	130
03000S	1812.5	540039.7	6311908	57304.9	99	49552.6	130734	80
03000S	1825	540050.5	6311914	57361.3	99	49611	130946	70
03000S	1837.5	540061.3	6311921	57385.2	99	49633.1	131018	70
03000S	1850	540072.1	6311927	57595.6	99	49844.6	131714	80
03000S	1862.5	540083	6311933	57212.5	99	49461.7	131758	90
03000S	1875	540093.8	6311939	57165.2	99	49413	131838	70
03000S	1887.5	540104.6	6311946	57205.5	99	49452.9	131914	100
03000S	1900	540115.4	6311952	57078.7	99	49325.1	133506	80
03000S	1912.5	540126.3	6311958	57209.2	99	49454.8	133602	160
03000S	1925	540137.1	6311964	57195.6	99	49440.5	133650	140
03000S	1937.5	540147.9	6311971	57027.4	99	49273.2	133738	120
03000S	1950	540158.7	6311977	56828	99	49072	134618	220
03000S	1962.5	540169.6	6311983	56895.8	99	49139.7	134722	190
03000S	1975	540180.4	6311989	56992.5	99	49237.7	134818	180
03000S	1987.5	540191.2	6311996	56995	99	49238.8	134846	260
03000S	2000	540202.1	6312002	56980	99	49223	135822	180
03000S	2012.5	540212.9	6312008	57093.9	99	49338	135930	150
03000S	2025	540223.7	6312014	57040.3	99	49282.9	140002	200
03000S	2037.5	540234.5	6312021	57033.9	99	49275.8	140946	180
03000S	2050	540245.4	6312027	57035	99	49275.2	141042	390
03000S	2062.5	540256.2	6312033	57017.3	99	49257.7	141126	190
03000S	2075	540267	6312039	57045.7	99	49284.2	141158	150
03000S	2087.5	540277.8	6312046	57012.3	99	49251.2	141226	180
03000S	2100	540288.7	6312052	57006.2	99	49244	141914	180
03000S	2112.5	540299.5	6312058	56974.4	99	49212.4	142006	180
03000S	2125	540310.3	6312064	56943.2	99	49180.8	142038	230
03000S	2137.5	540321.1	6312071	56966.1	99	49203.7	142110	240
03000S	2150	540332	6312077	57022	99	49259.4	142738	220
03000S	2162.5	540342.8	6312083	57026.8	99	49262.9	142826	240
03000S	2175	540353.6	6312089	57000.1	99	49237.8	142930	230
03000S	2187.5	540364.4	6312096	56994.7	99	49233.2	143010	190
03000S	2200	540375.3	6312102	56960.1	99	49198.4	143626	60
03000S	2212.5	540386.1	6312108	56966.4	99	49205.1	143706	130
03000S	2225	540396.9	6312114	56989.9	99	49228.1	143750	80
03000S	2237.5	540407.7	6312121	56994.4	99	49233	143834	60
03000S	2250	540418.6	6312127	57001.7	99	49237.1	144118	50
03000S	2262.5	540429.4	6312133	57035.8	99	49271.8	144158	50
03000S	2275	540440.2	6312139	57003.5	99	49239.3	144254	50
03000S	2287.5	540451	6312146	57000.7	99	49238.5	144330	60
03000S	2300	540461.9	6312152	57058.8	99	49295.5	144358	150
03000S	2312.5	540472.7	6312158	57052.7	99	49290	144430	170
03000S	2325	540483.5	6312164	57084	99	49321.7	144522	130
03000S	2337.5	540494.3	6312171	57072.4	99	49311.6	144606	210
03000S	2350	540505.2	6312177	57066.1	99	49303.3	145254	180
03000S	2362.5	540516	6312183	57072.8	99	49310.7	145338	160
03000S	2375	540526.8	6312189	57050.8	99	49288.3	145422	150
03000S	2387.5	540537.6	6312196	57115.5	99	49354.8	145502	80
03000S	2400	540548.5	6312202	57000.1	99	49237.7	145602	60
02000S	-3400	535025.5	6310168	56586.8	99	48855.8	94630	130
02000S	-3387.5	535036.3	6310174	56578.5	99	48848.1	94654	90
02000S	-3375	535047.2	6310180	56591	99	48859.5	94718	70



Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	-3362.5	535058	6310187	56595.6	99	48864.6	94742	60
02000S	-3350	535068.8	6310193	56501.6	99	48771.3	94810	60
02000S	-3337.5	535079.6	6310199	56487.4	99	48756.9	94858	100
02000S	-3325	535090.5	6310205	56470.2	99	48741.5	94922	100
02000S	-3312.5	535101.3	6310212	56683.3	99	48952.8	94942	140
02000S	-3300	535112.1	6310218	56539.8	29	48809.3	94954	100
02000S	-3287.5	535122.9	6310224	56644.3	99	48913.1	95022	90
02000S	-3275	535133.8	6310230	56876.3	19	49145.8	95042	120
02000S	-3262.5	535144.6	6310237	57029.5	99	49299.4	95102	30
02000S	-3187.5	535209.5	6310274	56680.8	99	48951.6	100042	40
02000S	-3175	535220.4	6310280	56288.5	99	48558.3	100118	90
02000S	-3162.5	535231.2	6310287	56266.2	99	48536.9	100150	190
02000S	-3150	535242	6310293	56272.4	99	48541.8	100218	170
02000S	-3137.5	535252.8	6310299	56227.7	99	48498.5	100246	80
02000S	-3125	535263.7	6310305	56524.6	99	48793.7	100318	90
02000S	-3112.5	535274.5	6310312	56241.6	99	48511.3	100350	130
02000S	-3100	535285.3	6310318	56265.5	99	48535	100418	80
02000S	-3087.5	535296.1	6310324	56180.8	99	48449.3	100438	150
02000S	-3075	535307	6310330	56145.5	99	48413.7	100546	130
02000S	-3062.5	535317.8	6310337	56160.9	29	48430.8	100634	140
02000S	-3050	535328.6	6310343	56255.4	99	48524.1	100814	200
02000S	-3037.5	535339.4	6310349	56287	49	48557.4	100858	120
02000S	-3025	535350.3	6310355	56930.2	39	49198.3	100930	130
02000S	-3012.5	535361.1	6310362	57150.5	39	49420.5	101002	170
02000S	-3000	535371.9	6310368	57369.8	39	49638.4	101022	135
02000S	-2987.5	535382.7	6310374	57090.1	99	49361.3	101058	130
02000S	-2975	535393.6	6310380	56360.7	99	48631.9	101218	110
02000S	-2962.5	535404.4	6310387	55951.6	99	48223	101242	100
02000S	-2950	535415.2	6310393	55923.9	99	48192.9	101318	60
02000S	-2937.5	535426.1	6310399	55809.3	59	48080.2	101354	70
02000S	-2925	535436.9	6310405	55962.8	99	48232.8	101414	70
02000S	-2912.5	535447.7	6310412	55900.4	99	48169.7	101442	50
02000S	-2900	535458.5	6310418	55821.4	99	48091.1	101502	50
02000S	-2887.5	535469.4	6310424	55775.4	99	48045.2	101538	60
02000S	-2875	535480.2	6310430	56082.5	99	48352.8	101606	90
02000S	-2862.5	535491	6310437	58075.6	99	50344.8	101634	90
02000S	-2850	535501.8	6310443	55977.5	99	48248.2	101702	40
02000S	-2837.5	535512.7	6310449	55762.3	99	48033.8	101726	60
02000S	-2825	535523.5	6310455	55661.3	99	47934.6	101754	50
02000S	-2812.5	535534.3	6310462	55435.8	99	47706.8	101814	50
02000S	-2800	535545.1	6310468	55364.1	99	47635	101834	50
02000S	-2787.5	535556	6310474	55368.3	99	47638.1	101906	80
02000S	-2775	535566.8	6310480	55256.7	99	47526.8	101938	70
02000S	-2762.5	535577.6	6310487	54961.7	99	47231.2	102030	160
02000S	-2750	535588.4	6310493	56689.6	99	48959.7	102202	40
02000S	-2737.5	535599.3	6310499	56618.8	99	48890	102318	100
02000S	-2725	535610.1	6310505	59139.9	49	51412.2	102358	50
02000S	-2700	535631.7	6310518	62181.2	48	54455.7	102510	40
02000S	-2687.5	535642.6	6310524	63429.4	69	55702.3	102554	40
02000S	-2675	535653.4	6310530	62770.4	59	55043.7	102626	50
02000S	-2662.5	535664.2	6310537	60064.3	99	52336	102710	40
02000S	-2650	535675	6310543	59227.9	99	51500.1	102746	50
02000S	-2637.5	535685.9	6310549	60298.1	99	52568.2	102830	30
02000S	-2625	535696.7	6310555	59963	99	52233.6	102906	30
02000S	-2612.5	535707.5	6310562	59773.8	99	52042	102942	40
02000S	-2600	535718.3	6310568	58406.9	99	50679	103034	40
02000S	-2587.5	535729.2	6310574	58669.1	69	50937.2	103406	50
02000S	-2575	535740	6310580	57618.6	99	49887.6	103442	40
02000S	-2562.5	535750.8	6310587	56240	99	48508.2	103502	40
02000S	-2550	535761.6	6310593	57152.4	99	49423	103526	30
02000S	-2537.5	535772.5	6310599	59230.6	99	51499.6	103622	30
02000S	-2525	535783.3	6310605	59333.9	99	51602.3	103650	30
02000S	-2512.5	535794.1	6310612	58298.1	99	50570	103714	40

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	-2500	535804.9	6310618	58637.1	99	50906	103742	60
02000S	-2487.5	535815.8	6310624	58623.4	99	48894.3	103842	50
02000S	-2475	535826.6	6310630	57614.1	99	49884.2	103918	50
02000S	-2462.5	535837.4	6310637	57340.3	99	49611.6	104006	50
02000S	-2450	535848.2	6310643	60635	99	52905.9	104050	50
02000S	-2437.5	535859.1	6310649	61174	99	53443.4	104126	110
02000S	-2425	535869.9	6310655	59800.4	99	52072	104158	100
02000S	-2412.5	535880.7	6310662	58745.3	99	51014.8	104230	60
02000S	-2400	535891.5	6310668	57850.6	99	50120.7	104246	50
02000S	-2387.5	535902.4	6310674	57325.1	99	49595.9	104314	55
02000S	-2375	535913.2	6310680	57124.5	99	49395.8	104338	70
02000S	-2362.5	535924	6310687	57026.3	99	49295.4	104358	90
02000S	-2350	535934.8	6310693	56902.2	99	49173.3	104426	50
02000S	-2337.5	535945.7	6310699	56767	99	49037.6	104506	160
02000S	-2325	535956.5	6310705	56662.7	99	48931.3	104726	210
02000S	-2312.5	535967.3	6310712	57572.5	99	49842.1	104842	120
02000S	-2300	535978.1	6310718	56868.7	99	49142	104958	130
02000S	-2287.5	535989	6310724	56871.1	99	49142.8	105022	170
02000S	-2275	535999.8	6310730	56944.2	99	49214.8	105102	110
02000S	-2262.5	536010.6	6310737	56766.3	99	49036.6	105134	90
02000S	-2250	536021.4	6310743	56816.8	99	49085.2	105158	110
02000S	-2237.5	536032.3	6310749	57126.7	99	49397.5	105226	100
02000S	-2225	536043.1	6310755	57103.2	99	49372.1	105250	100
02000S	-2212.5	536053.9	6310762	56780.3	99	49049.1	105346	130
02000S	-2200	536064.7	6310768	57012	99	49281.2	105442	90
02000S	-2187.5	536075.6	6310774	56857.6	99	49127.4	105510	90
02000S	-2175	536086.4	6310780	57360.2	99	49631.1	105558	70
02000S	-2162.5	536097.2	6310787	56995.1	99	49270.9	105622	60
02000S	-2150	536108	6310793	57493.7	99	49765.9	105646	80
02000S	-2137.5	536118.9	6310799	57328.2	99	49594.7	105718	70
02000S	-2125	536129.7	6310805	56456.5	99	48725.1	105738	120
02000S	-2112.5	536140.5	6310812	56465.9	99	48736	105758	190
02000S	-2100	536151.3	6310818	56802	99	49069	105814	70
02000S	-2087.5	536162.2	6310824	56953.7	99	49218.9	105842	50
02000S	-2075	536173	6310830	56522	99	48787.4	105914	50
02000S	-2062.5	536183.8	6310837	56504.3	99	48770.6	105934	90
02000S	-2050	536194.6	6310843	56881.1	99	49147.8	105958	70
02000S	-2037.5	536205.5	6310849	56557.4	99	48823	110022	70
02000S	-2025	536216.3	6310855	56460.4	99	48725.9	110046	75
02000S	-2012.5	536227.1	6310862	56538.8	99	48804.2	110114	70
02000S	-2000	536237.9	6310868	56362.5	99	48627.2	110138	80
02000S	-1987.5	536248.8	6310874	56405	99	48668.9	110158	70
02000S	-1975	536259.6	6310880	56311	99	48575	110218	70
02000S	-1962.5	536270.4	6310887	56479.4	99	48746.4	110242	60
02000S	-1950	536281.3	6310893	56586.2	99	48850.4	110306	70
02000S	-1937.5	536292.1	6310899	56607.1	99	48869.7	110326	70
02000S	-1925	536302.9	6310905	56709.2	99	48974.7	110354	60
02000S	-1912.5	536313.7	6310912	56353.9	99	48617.7	110418	90
02000S	-1900	536324.6	6310918	56374.7	99	48640.8	110442	70
02000S	-1887.5	536335.4	6310924	56412.1	99	48678.5	110514	70
02000S	-1875	536346.2	6310930	56371.9	99	48636.1	110538	60
02000S	-1862.5	536357	6310937	56271.7	99	48535.7	110602	70
02000S	-1850	536367.9	6310943	56262.5	99	48526.5	110622	60
02000S	-1837.5	536378.7	6310949	56205.5	99	48470.5	110650	70
02000S	-1825	536389.5	6310955	56231.9	99	48498	110706	80
02000S	-1812.5	536400.3	6310962	56311.3	99	48574.4	110738	80
02000S	-1800	536411.2	6310968	56125.1	99	48389.6	110754	100
02000S	-1787.5	536422	6310974	56053	99	48315.8	110826	130
02000S	-1775	536432.8	6310980	56180.7	99	48444.8	110854	70
02000S	-1762.5	536443.6	6310987	56078.3	99	48344.1	110918	100
02000S	-1750	536454.5	6310993	56140.1	99	48402.8	110942	90
02000S	-1737.5	536465.3	6310999	56119.5	99	48384.6	111002	130
02000S	-1725	536476.1	6311005	56150.9	99	48415.5	111022	90

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	-1712.5	536486.9	6311012	56200.8	99	48464.2	111046	90
02000S	-1700	536497.8	6311018	56217.8	99	48482.4	111110	100
02000S	-1687.5	536508.6	6311024	56145.1	99	48408.5	111134	330
02000S	-1675	536519.4	6311030	56075.1	99	48337.2	111158	260
02000S	-1662.5	536530.2	6311037	56052.7	99	48314.2	111230	230
02000S	-1650	536541.1	6311043	56083.5	99	48344.8	111258	90
02000S	-1637.5	536551.9	6311049	56177.9	99	48439.4	111318	50
02000S	-1625	536562.7	6311055	56155.8	99	48417.4	111338	50
02000S	-1612.5	536573.5	6311062	56142.9	99	48404.1	111358	40
02000S	-1600	536584.4	6311068	56134.8	99	48396.6	111418	50
02000S	-1537.5	536638.5	6311099	56238.2	99	48503.8	111838	230
02000S	-1525	536649.3	6311105	56367.9	99	48633	111854	140
02000S	-1512.5	536660.1	6311112	56384.8	99	48652.8	111910	152
02000S	-1500	536671	6311118	57276.9	79	49541.2	111930	220
02000S	-1350	536800.9	6311193	57226.7	99	49492.1	112350	310
02000S	-1337.5	536811.7	6311199	56938.8	99	49203.4	112430	90
02000S	-1325	536822.5	6311205	56716.9	99	48979.3	112502	170
02000S	-1312.5	536833.3	6311212	56323.1	99	48587.8	112526	170
02000S	-1300	536844.2	6311218	56396.2	99	48658.8	112550	130
02000S	-1287.5	536855	6311224	56365.2	99	48628.2	112614	120
02000S	-1275	536865.8	6311230	56380	99	48642.2	112638	200
02000S	-1262.5	536876.6	6311237	56484.7	99	48747.2	112658	130
02000S	-1100	537017.4	6311318	57111.6	99	49370.7	113442	100
02000S	-1087.5	537028.2	6311324	56776.8	99	49035.4	113506	130
02000S	-1075	537039	6311330	56618.2	99	48877.5	113530	120
02000S	-1062.5	537049.8	6311337	56645.6	99	48907	113550	410
02000S	-1050	537060.7	6311343	56834.8	99	49096.1	113614	220
02000S	-1037.5	537071.5	6311349	56844.5	99	49105.3	113634	80
02000S	-1025	537082.3	6311355	56580.4	99	48841.1	113658	50
02000S	-1012.5	537093.1	6311362	56571.8	99	48833.6	113722	40
02000S	-1000	537104	6311368	56536.5	99	48800.1	113738	50
02000S	-987.5	537114.8	6311374	56528.4	99	48789.3	113822	40
02000S	-975	537125.6	6311380	56498.3	99	48760.2	113846	40
02000S	-962.5	537136.5	6311387	57013.4	99	49273.6	113914	80
02000S	-950	537147.3	6311393	56898.5	99	49158.5	113946	60
02000S	-600	537450.4	6311568	56780.4	99	49033.2	132326	190
02000S	-587.5	537461.2	6311574	56923.2	99	49177	132350	140
02000S	-575	537472	6311580	56854.4	99	49107.1	132414	100
02000S	-562.5	537482.9	6311587	56839.8	99	49096.3	132434	60
02000S	-550	537493.7	6311593	56906.9	99	49162	132450	190
02000S	-537.5	537504.5	6311599	56959.4	99	49214.6	132514	120
02000S	-525	537515.3	6311605	56723.6	99	48981	132542	240
02000S	-512.5	537526.2	6311612	56826.3	99	49080.3	132602	350
02000S	-500	537537	6311618	56879.1	99	49136.2	132622	90
02000S	-487.5	537547.8	6311624	56846.6	99	49101	132642	130
02000S	-475	537558.6	6311630	56875.8	99	49130.8	132710	130
02000S	-462.5	537569.5	6311637	57133.9	99	49389.4	132726	120
02000S	-450	537580.3	6311643	57290.1	99	49544.7	132742	100
02000S	-437.5	537591.1	6311649	57327.1	99	49582	132806	140
02000S	-425	537601.9	6311655	57233.3	99	49486.1	132826	120
02000S	-412.5	537612.8	6311662	57296.2	99	49549.4	132850	110
02000S	-400	537623.6	6311668	57328.8	99	49582.3	132910	130
02000S	-387.5	537634.4	6311674	57330.4	99	49584	132934	1400
02000S	-375	537645.2	6311680	57447.3	99	49700.4	133050	1320
02000S	-362.5	537656.1	6311687	57335.7	99	49590.6	133114	110
02000S	-350	537666.9	6311693	57197.6	99	49453.6	133138	80
02000S	-337.5	537677.7	6311699	57071.4	99	49327.6	133202	60
02000S	-325	537688.5	6311705	56953.2	99	49206.7	133226	70
02000S	-312.5	537699.4	6311712	56873.2	99	49129.3	133246	50
02000S	-300	537710.2	6311718	56823.1	99	49077.2	133306	40
02000S	-287.5	537721	6311724	56800.3	99	49055	133330	40
02000S	-275	537731.8	6311730	56738	99	48992.8	133350	35
02000S	-262.5	537742.7	6311737	56704.1	99	48958.3	133410	30

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	-250	537753.5	6311743	57600.1	79	49854.9	133430	30
02000S	-237.5	537764.3	6311749	56438.7	99	48693.4	133454	30
02000S	-225	537775.1	6311755	56688	99	48942.3	133518	30
02000S	-212.5	537786	6311762	56717.8	99	48973.2	133542	40
02000S	-200	537796.8	6311768	56699.8	99	48953.6	133602	50
02000S	-187.5	537807.6	6311774	56692.7	99	48948.5	133622	50
02000S	-175	537818.4	6311780	56663.3	99	48917.6	133646	100
02000S	-162.5	537829.3	6311787	56558.9	99	48812.4	133710	50
02000S	-150	537840.1	6311793	56552.7	99	48806	133726	100
02000S	-137.5	537850.9	6311799	56553.1	99	48806.1	133750	100
02000S	-125	537861.7	6311805	56563.2	99	48819.8	133822	120
02000S	-112.5	537872.6	6311812	56437.6	99	48690.1	133846	110
02000S	-100	537883.4	6311818	56435.4	99	48689	133910	100
02000S	-87.5	537894.2	6311824	56346.2	99	48599.6	133934	100
02000S	-75	537905	6311830	56341	99	48595.5	133954	220
02000S	-62.5	537915.9	6311837	56353.9	99	48609.7	134018	210
02000S	-37.5	537937.5	6311849	56438.4	99	48693	134058	750
02000S	-25	537948.3	6311855	56491.2	99	48743.6	134126	320
02000S	-12.5	537959.2	6311862	56443.1	99	48695.2	134154	310
02000S	0	537970	6311868	56494.2	99	48746.7	134214	150
02000S	12.5	537980.8	6311874	56432.1	99	48682.7	134242	190
02000S	25	537991.7	6311880	56429.6	99	48681	134310	170
02000S	37.5	538002.5	6311887	56419.1	99	48669.6	134354	150
02000S	50	538013.3	6311893	56435.5	99	48686.5	134410	1300
02000S	62.5	538024.1	6311899	56477.3	99	48727.8	134442	190
02000S	75	538035	6311905	56444.3	99	48695	134502	240
02000S	87.5	538045.8	6311912	56456.1	99	48706.4	134530	290
02000S	100	538056.6	6311918	56463.7	99	48714	134606	400
02000S	112.5	538067.4	6311924	56584.6	99	48835.4	134638	450
02000S	125	538078.3	6311930	56628.3	99	48879.5	134754	380
02000S	137.5	538089.1	6311937	56530	99	48780.9	134830	430
02000S	150	538099.9	6311943	56502.8	99	48752.4	134854	150
02000S	162.5	538110.7	6311949	56407.9	99	48657.8	134914	190
02000S	175	538121.6	6311955	56430.1	99	48679.9	134938	150
02000S	187.5	538132.4	6311962	56522	99	48773.8	134958	110
02000S	200	538143.2	6311968	56502.6	99	48752.5	135014	280
02000S	212.5	538154	6311974	56430.9	99	48680	135042	170
02000S	225	538164.9	6311980	56463.5	99	48712	135106	130
02000S	237.5	538175.7	6311987	56488.8	99	48739	135130	110
02000S	250	538186.5	6311993	56482.1	99	48732.6	135154	120
02000S	262.5	538197.3	6311999	56393.6	99	48643.1	135218	390
02000S	275	538208.2	6312005	56420	99	48670.4	135246	180
02000S	287.5	538219	6312012	56332.1	99	48581	135306	320
02000S	300	538229.8	6312018	56392.9	99	48641.6	135322	120
02000S	312.5	538240.6	6312024	56309.8	99	48558.2	135410	11
02000S	325	538251.5	6312030	56313.5	99	48564	135438	120
02000S	337.5	538262.3	6312037	56330.3	99	48580.4	135502	130
02000S	350	538273.1	6312043	56275.4	99	48529.7	135518	160
02000S	362.5	538283.9	6312049	56518.5	99	48768	135922	170
02000S	375	538294.8	6312055	56698.2	99	48948.9	135942	120
02000S	387.5	538305.6	6312062	56324	99	48574.2	140006	130
02000S	400	538316.4	6312068	56246.2	99	48495.7	140026	140
02000S	412.5	538327.2	6312074	56258.2	99	48510.5	140122	140
02000S	425	538338.1	6312080	56271.8	99	48521.5	140150	140
02000S	437.5	538348.9	6312087	56476.3	99	48724.3	140214	110
02000S	450	538359.7	6312093	56299.9	99	48549.2	140234	100
02000S	462.5	538370.5	6312099	56263.5	99	48516.4	140258	140
02000S	475	538381.4	6312105	56566.4	69	48816.1	140334	120
02000S	487.5	538392.2	6312112	56269.1	99	48520.4	140402	80
02000S	500	538403	6312118	56299.4	99	48549.6	140434	110
02000S	512.5	538413.8	6312124	56368.3	99	48618.6	140502	110
02000S	525	538424.7	6312130	56591.6	99	48841	140534	130
02000S	537.5	538435.5	6312137	56533.1	99	48781.5	140602	110

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	550	538446.3	6312143	56771.4	99	49023.4	140630	160
02000S	562.5	538457.1	6312149	57827.7	99	50077.5	140654	100
02000S	575	538468	6312155	56957.8	99	49207	140742	140
02000S	587.5	538478.8	6312162	56687.7	99	48937.6	140810	90
02000S	600	538489.6	6312168	56417.1	99	48666.4	140826	100
02000S	612.5	538500.4	6312174	56411.5	99	48660.5	140854	160
02000S	625	538511.3	6312180	56587.2	99	48835.9	140934	130
02000S	637.5	538522.1	6312187	56521.8	99	48772.2	141006	120
02000S	650	538532.9	6312193	56584.2	99	48836.7	141026	120
02000S	662.5	538543.7	6312199	56652.4	99	48903.5	141046	120
02000S	675	538554.6	6312205	56372.1	99	48621	141130	110
02000S	687.5	538565.4	6312212	56347.2	99	48597.3	141202	70
02000S	700	538576.2	6312218	56359.6	99	48610.3	141302	50
02000S	712.5	538587	6312224	56356.5	99	48604.9	141330	80
02000S	725	538597.9	6312230	56260.9	99	48509.4	141358	90
02000S	737.5	538608.7	6312237	56864.9	99	49115	141434	90
02000S	750	538619.5	6312243	56833.7	99	49083.4	141510	80
02000S	762.5	538630.3	6312249	56331.2	99	48580.7	141550	70
02000S	775	538641.2	6312255	56310.6	99	48560.3	141626	100
02000S	787.5	538652	6312262	56390.2	99	48638.1	141658	150
02000S	800	538662.8	6312268	56441.6	99	48690.1	141810	110
02000S	812.5	538673.6	6312274	56465.1	99	48714.6	141846	100
02000S	825	538684.5	6312280	56474.8	99	48723.7	141934	120
02000S	837.5	538695.3	6312287	56541.6	99	48789.9	142022	110
02000S	850	538706.1	6312293	56471.4	99	48718.2	142058	120
02000S	862.5	538716.9	6312299	56523.6	99	48772.4	142142	110
02000S	875	538727.8	6312305	56684.5	99	48933.6	142218	120
02000S	887.5	538738.6	6312312	56806.3	99	49053.9	142302	110
02000S	900	538749.4	6312318	56756.9	99	49005.1	142354	130
02000S	912.5	538760.2	6312324	56732.2	99	48978.4	142426	140
02000S	925	538771.1	6312330	56784.4	99	49031.3	142514	120
02000S	937.5	538781.9	6312337	56747.8	99	48994	142602	140
02000S	950	538792.7	6312343	56757.3	99	49005.4	142634	110
02000S	962.5	538803.5	6312349	56793.9	99	49042.8	142714	90
02000S	975	538814.4	6312355	56810.4	99	49059.6	142742	110
02000S	987.5	538825.2	6312362	56920.4	99	49170.3	142814	170
02000S	1000	538836	6312368	56977.4	99	49226.3	142906	50
02000S	1012.5	538846.9	6312374	56773.2	99	49021.2	142938	120
02000S	1025	538857.7	6312380	56737.7	99	48985.6	142958	110
02000S	1037.5	538868.5	6312387	56843.7	99	49091.8	143014	100
02000S	1050	538879.3	6312393	56948.3	99	49196.6	143034	140
02000S	1062.5	538890.2	6312399	56765.5	99	49015.6	143058	120
02000S	1075	538901	6312405	56653.5	99	48902.6	143118	140
02000S	1087.5	538911.8	6312412	56806.7	99	49055.3	143138	120
02000S	1100	538922.6	6312418	56970.7	99	49221	143222	150
02000S	1112.5	538933.5	6312424	56991.7	99	49238.5	143246	110
02000S	1125	538944.3	6312430	57864.6	99	50114.4	143318	120
02000S	1137.5	538955.1	6312437	58122.3	99	50373.3	143338	110
02000S	1150	538965.9	6312443	57069.8	99	49317.3	143422	40
02000S	1162.5	538976.8	6312449	56913	99	49152.7	144742	140
02000S	1175	538987.6	6312455	56912.1	99	49151.9	144750	130
02000S	1187.5	538998.4	6312462	56912.1	99	49151.2	144754	100
02000S	1200	539009.2	6312468	56912.4	99	49151.8	144802	90
02000S	1212.5	539020.1	6312474	57239.2	99	49477.2	144858	120
02000S	1225	539030.9	6312480	57894.5	99	50132.4	145002	160
02000S	1237.5	539041.7	6312487	57916.5	99	50153.4	145022	110
02000S	1250	539052.5	6312493	58243.7	99	50480.7	145034	100
02000S	1262.5	539063.4	6312499	58594.3	99	50829.8	145118	90
02000S	1275	539074.2	6312505	57789.2	99	50024	145238	120
02000S	1287.5	539085	6312512	57427.9	99	49662.1	145334	300
02000S	1300	539095.8	6312518	57295.7	99	49528.2	145542	180
02000S	1312.5	539106.7	6312524	57303.1	99	49536.7	145614	130
02000S	1325	539117.5	6312530	57375.4	99	49609.4	145638	180

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	1337.5	539128.3	6312537	57385.9	99	49619.9	145722	120
02000S	1350	539139.1	6312543	57350.2	99	49584.8	145746	140
02000S	1362.5	539150	6312549	57321.3	99	49556.8	145802	130
02000S	1375	539160.8	6312555	57193.8	99	49425.8	145850	200
02000S	1387.5	539171.6	6312562	57125.7	99	49356.7	145938	160
02000S	1400	539182.4	6312568	57105.3	99	49338.3	150002	230
02000S	1412.5	539193.3	6312574	57068.4	99	49298.8	150114	160
02000S	1425	539204.1	6312580	56986.6	99	49218.1	150150	130
02000S	1437.5	539214.9	6312587	56996.8	99	49227.9	150234	180
02000S	1450	539225.7	6312593	56937.3	99	49168.1	150258	180
02000S	1462.5	539236.6	6312599	56878.9	99	49110	150338	220
02000S	1475	539247.4	6312605	56851.5	99	49083.7	150418	170
02000S	1487.5	539258.2	6312612	56964.9	99	49199.7	150446	150
02000S	1500	539269	6312618	57301.7	99	49533.7	150530	160
02000S	1512.5	539279.9	6312624	57352.4	79	49580.6	150630	390
02000S	1525	539290.7	6312630	56956.5	99	49185.5	150726	180
02000S	1537.5	539301.5	6312637	56955.7	99	49185.3	150754	160
02000S	1550	539312.3	6312643	56977.5	99	49206.3	150818	220
02000S	1562.5	539323.2	6312649	56922.9	99	49151.5	150850	340
02000S	1575	539334	6312655	56958.6	99	49186.8	150922	240
02000S	1587.5	539344.8	6312662	56947.5	99	49173.9	150950	140
02000S	1600	539355.6	6312668	56868.5	99	49095.2	151010	180
02000S	1612.5	539366.5	6312674	56876.6	99	49103.3	151038	210
02000S	1625	539377.3	6312680	56897.9	99	49123.6	151114	140
02000S	1637.5	539388.1	6312687	56913.4	99	49140.9	151214	160
02000S	1650	539398.9	6312693	56908.4	99	49135.8	151254	180
02000S	1662.5	539409.8	6312699	56854.4	99	49081.2	151610	170
02000S	1675	539420.6	6312705	56852.5	99	49082.5	151638	110
02000S	1687.5	539431.4	6312712	56883.2	99	49111.2	151710	190
02000S	1700	539442.2	6312718	56794.9	99	49023.7	151730	540
02000S	1712.5	539453.1	6312724	56788.3	99	49017.9	151754	250
02000S	1725	539463.9	6312730	56827.9	99	49056.1	151826	180
02000S	1737.5	539474.7	6312737	56830.8	99	49058.7	151906	230
02000S	1750	539485.5	6312743	56866	99	49096.7	151942	440
02000S	1762.5	539496.4	6312749	56826.5	99	49055.2	152014	230
02000S	1775	539507.2	6312755	56855.8	99	49084	152042	230
02000S	1787.5	539518	6312762	56822.9	99	49051.2	152106	140
02000S	1800	539528.8	6312768	56778.6	99	49004.9	152126	140
02000S	1812.5	539539.7	6312774	57076.5	99	49305	152150	220
02000S	1825	539550.5	6312780	57073	99	49303.4	152222	180
02000S	1837.5	539561.3	6312787	56787.7	99	49018	152254	190
02000S	1850	539572.1	6312793	56857.1	99	49086.5	152314	200
02000S	1862.5	539583	6312799	56816.9	99	49048.1	152342	160
02000S	1875	539593.8	6312805	56807.1	99	49036.1	152406	180
02000S	1887.5	539604.6	6312812	56775.2	99	49005.3	152430	170
02000S	1900	539615.4	6312818	56792.3	99	49023.4	152454	330
02000S	1912.5	539626.3	6312824	56758.9	99	48989.8	152530	240
02000S	1925	539637.1	6312830	56706.6	99	48938.4	152558	220
02000S	1937.5	539647.9	6312837	56733.6	99	48964.8	152618	210
02000S	1950	539658.7	6312843	56766.2	99	48997.5	152630	410
02000S	1962.5	539669.6	6312849	56824.1	99	49054.6	152658	260
02000S	1975	539680.4	6312855	56874.8	99	49104.5	152726	310
02000S	1987.5	539691.2	6312862	56839.3	99	49069.9	152750	210
02000S	2000	539702.1	6312868	56824.5	99	49055.2	152810	160
02000S	2012.5	539712.9	6312874	56776.1	99	49007.2	152838	160
02000S	2025	539723.7	6312880	56793.4	99	49023.2	152910	310
02000S	2037.5	539734.5	6312887	56852.6	99	49086	153150	200
02000S	2050	539745.4	6312893	56844.8	99	49076	153214	170
02000S	2062.5	539756.2	6312899	56788.4	99	49021.2	153622	390
02000S	2075	539767	6312905	56835.6	99	49069.9	153642	210
02000S	2087.5	539777.8	6312912	56784.9	99	49019.7	153718	140
02000S	2100	539788.7	6312918	56783.8	99	49015.5	153738	160
02000S	2112.5	539799.5	6312924	56757.6	99	48990	153806	130

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	2125	539810.3	6312930	56807.2	99	49040.8	153826	80
02000S	2137.5	539821.1	6312937	56792.9	99	49027.1	153846	110
02000S	2150	539832	6312943	56746.6	99	48981.7	153930	130
02000S	2162.5	539842.8	6312949	56785.4	99	49020.6	153954	160
02000S	2175	539853.6	6312955	56783.5	99	49016.4	154018	150
02000S	2187.5	539864.4	6312962	56741.6	99	48973.5	154038	140
02000S	2200	539875.3	6312968	56743.7	99	48977.3	154102	340
02000S	2212.5	539886.1	6312974	56744.2	99	48978.7	154126	110
02000S	2225	539896.9	6312980	56743.4	99	48976.1	154154	100
02000S	2237.5	539907.7	6312987	56741	99	48973	154218	210
02000S	2250	539918.6	6312993	56731.7	99	48964.8	154242	140
02000S	2262.5	539929.4	6312999	56736.4	99	48969.8	154310	190
02000S	2275	539940.2	6313005	56725.2	99	48955.9	154338	80
02000S	2287.5	539951	6313012	56736.3	99	48968.6	154634	70
02000S	2300	539961.9	6313018	56745.8	99	48977.9	154654	250
02000S	2312.5	539972.7	6313024	56764	99	48995.3	154722	100
02000S	2325	539983.5	6313030	56730.7	99	48961.9	154754	70
02000S	2337.5	539994.3	6313037	56725.3	99	48960.5	154814	60
02000S	2350	540005.2	6313043	56718.6	99	48950.6	154838	50
02000S	2362.5	540016	6313049	56738.8	99	48969.6	154906	40
02000S	2375	540026.8	6313055	56713	99	48943.8	154930	40
02000S	2387.5	540037.6	6313062	56711.8	99	48943.3	154958	40
02000S	2400	540048.5	6313068	56706.4	99	48939.3	155018	30
02000S	2412.5	540059.3	6313074	56703.4	99	48935.2	155042	50
02000S	2425	540070.1	6313080	56689.3	99	48921.5	155106	80
02000S	2437.5	540080.9	6313087	56691.9	99	48923.7	155122	90
02000S	2450	540091.8	6313093	56655.4	99	48887.3	155142	2600
02000S	2462.5	540102.6	6313099	56728.6	99	48959.3	155202	80
02000S	2475	540113.4	6313105	56674.6	99	48906.3	155226	110
02000S	2487.5	540124.2	6313112	56695.4	99	48929.1	155250	150
02000S	2500	540135.1	6313118	56698.3	99	48929.3	155310	60
02000S	2512.5	540145.9	6313124	56713.4	99	48944.8	155342	60
02000S	2525	540156.7	6313130	56726.2	99	48957.4	155410	70
02000S	2537.5	540167.5	6313137	56675.9	99	48904.5	155430	80
02000S	2550	540178.4	6313143	56664.4	99	48893.6	155450	60
02000S	2562.5	540189.2	6313149	56677.1	99	48909.6	155534	70
02000S	2575	540200	6313155	56678.1	99	48906.4	155554	120
02000S	2587.5	540210.8	6313162	56696.9	99	48925.6	155614	60
02000S	2600	540221.7	6313168	56693.5	99	48924.5	155634	60
02000S	2612.5	540232.5	6313174	56713	99	48940.8	155658	60
02000S	2625	540243.3	6313180	56741.2	99	48969.9	155722	80
02000S	2637.5	540254.1	6313187	56696.4	99	48925.4	155738	58
02000S	2650	540265	6313193	56697.1	99	48924.2	155754	60
02000S	2662.5	540275.8	6313199	56717	99	48945.8	155818	60
02000S	2675	540286.6	6313205	56688.4	99	48915.1	155842	70
02000S	2687.5	540297.4	6313212	56667.7	99	48894.2	155906	80
02000S	2700	540308.3	6313218	56710.1	99	48937.5	155926	50
02000S	2712.5	540319.1	6313224	56692.2	99	48918.2	160014	60
02000S	2725	540329.9	6313230	56714.1	99	48941.2	160038	70
02000S	2737.5	540340.7	6313237	56709.5	99	48935.5	160102	120
02000S	2750	540351.6	6313243	56699.7	99	48926.5	160122	80
02000S	2762.5	540362.4	6313249	56648.5	99	48874.6	160222	100
02000S	2775	540373.2	6313255	56668.5	99	48894.1	160242	90
02000S	2787.5	540384	6313262	56664	99	48888.3	160306	80
02000S	2800	540394.9	6313268	56716	99	48939.6	160322	140
02000S	2812.5	540405.7	6313274	56726.8	99	48952.3	160338	60
02000S	2825	540416.5	6313280	56708.2	99	48933	160406	60
02000S	2837.5	540427.3	6313287	56741.2	99	48965.9	160430	60
02000S	2850	540438.2	6313293	56748.5	99	48970.5	160446	65
02000S	2862.5	540449	6313299	56765.7	99	48989.5	160510	70
02000S	2875	540459.8	6313305	56740.3	99	48962.3	160530	70
02000S	2887.5	540470.6	6313312	56688.2	99	48912.6	160550	70
02000S	2900	540481.5	6313318	56689.7	99	48909.8	160614	60

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000S	2912.5	540492.3	6313324	56696.3	99	48921.4	160634	50
02000S	2925	540503.1	6313330	56689.4	99	48909.9	160658	45
02000S	2937.5	540513.9	6313337	56660	99	48881.1	160718	50
02000S	2950	540524.8	6313343	56821.4	99	49043.4	160734	60
01000S	-2850	535001.8	6311309	57509.2	99	49776.5	92826	78
01000S	-2837.5	535012.7	6311315	56034.9	99	48299.4	93222	47
01000S	-2825	535023.5	6311322	55658.2	99	47921	93446	80
01000S	-2812.5	535034.3	6311328	62085.8	38	54347.7	93542	58
01000S	-2800	535045.1	6311334	58791.1	49	51053.7	93750	62
01000S	-2787.5	535056	6311340	56919.8	99	49182.6	93902	55
01000S	-2775	535066.8	6311347	57468.6	99	49732.9	94022	77
01000S	-2762.5	535077.6	6311353	61446.1	69	53710.9	94150	61
01000S	-2750	535088.4	6311359	59719.3	99	51983.8	94410	28
01000S	-2737.5	535099.3	6311365	59306.6	49	51570.8	94558	93
01000S	-2725	535110.1	6311372	59323	49	51583.9	94854	141
01000S	-2712.5	535120.9	6311378	59282.2	99	51540.6	95106	122
01000S	-2700	535131.7	6311384	57727.2	99	49983.9	95206	63
01000S	-2687.5	535142.6	6311390	57730.3	99	49986.4	95350	78
01000S	-2675	535153.4	6311397	57161.8	99	49418.4	95506	113
01000S	-2662.5	535164.2	6311403	57498.9	99	49754.5	95526	-
01000S	-2650	535175	6311409	56732.6	99	48987.9	95602	67
01000S	-2637.5	535185.9	6311415	56821.7	99	49079	95710	41
01000S	-2625	535196.7	6311422	57087.2	99	49345.9	100514	47
01000S	-2612.5	535207.5	6311428	58845	99	51109	100902	50
01000S	-2600	535218.3	6311434	59378.9	49	51644.8	100954	74
01000S	-2587.5	535229.2	6311440	56784.2	99	49049.6	101038	71
01000S	-2575	535240	6311447	56528.5	99	48791.9	101138	120
01000S	-2562.5	535250.8	6311453	57913.7	99	50177.3	101442	114
01000S	-2550	535261.6	6311459	58596.4	99	50857.7	101546	344
01000S	-2537.5	535272.5	6311465	58459.2	99	50720.5	101626	93
01000S	-2525	535283.3	6311472	57642.1	99	49903.5	101654	171
01000S	-2512.5	535294.1	6311478	58190.6	69	50453.1	101734	180
01000S	-2500	535304.9	6311484	58420.4	99	50683.3	101806	176
01000S	-2487.5	535315.8	6311490	58707.6	99	50971.6	101846	113
01000S	-2475	535326.6	6311497	58057.4	99	50318.8	101954	143
01000S	-2462.5	535337.4	6311503	57665.8	99	49928.3	102050	205
01000S	-2450	535348.2	6311509	57316.5	99	49578.5	102142	202
01000S	-2437.5	535359.1	6311515	57200.3	99	49461.3	102322	231
01000S	-2425	535369.9	6311522	56950.7	99	49213.3	102358	145
01000S	-2412.5	535380.7	6311528	56834.4	99	49095.5	102426	155
01000S	-2400	535391.5	6311534	56976.2	99	49237.7	102506	147
01000S	-2387.5	535402.4	6311540	57579	99	49838.3	102646	163
01000S	-2375	535413.2	6311547	57364.3	99	49624	102718	151
01000S	-2362.5	535424	6311553	56637.8	99	48896.7	102818	149
01000S	-2350	535434.8	6311559	56770.7	99	49030.5	102858	136
01000S	-2337.5	535445.7	6311565	56873.8	99	49134.2	102954	143
01000S	-2325	535456.5	6311572	57128.2	99	49387.6	103214	181
01000S	-2312.5	535467.3	6311578	57101.8	99	49361.4	103242	-
01000S	-2300	535478.1	6311584	57030.3	99	49290.1	103302	157
01000S	-2287.5	535489	6311590	56887.5	99	49147.1	103358	147
01000S	-2275	535499.8	6311597	56882	99	49142.8	103522	152
01000S	-2262.5	535510.6	6311603	56961.8	99	49223.6	103626	101
01000S	-2250	535521.4	6311609	56778.5	99	49039.9	103714	144
01000S	-2237.5	535532.3	6311615	56722	99	48984.8	103802	133
01000S	-2225	535543.1	6311622	56739.3	99	49001.6	103922	144
01000S	-2212.5	535553.9	6311628	56676.9	99	48938.5	103950	177
01000S	-2200	535564.7	6311634	56667.1	99	48930	104018	171
01000S	-2187.5	535575.6	6311640	56700.7	99	48960.9	104234	143
01000S	-2175	535586.4	6311647	56642.1	99	48901.1	104438	124
01000S	-2162.5	535597.2	6311653	56640.2	99	48900.5	104530	-
01000S	-2150	535608	6311659	56560.9	99	48820.5	104606	98
01000S	-2137.5	535618.9	6311665	56568.5	99	48826.8	104838	196
01000S	-2125	535629.7	6311672	56581.4	99	48839.3	104958	103



Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
01000S	-2112.5	535640.5	6311678	56559.7	99	48816.8	105026	131
01000S	-2100	535651.3	6311684	56505	99	48762.6	105058	103
01000S	-2087.5	535662.2	6311690	56496.2	99	48753.8	105226	92
01000S	-2075	535673	6311697	56467.5	99	48724.1	105306	104
01000S	-2062.5	535683.8	6311703	56445.1	99	48703.3	105410	89
01000S	-2050	535694.6	6311709	56428	99	48686.2	105446	151
01000S	-2037.5	535705.5	6311715	56368.6	99	48627.9	111238	125
01000S	-2025	535716.3	6311722	56306.3	99	48563.7	111330	133
01000S	-2012.5	535727.1	6311728	56267.3	99	48525.4	111426	171
01000S	-2000	535737.9	6311734	56231.1	99	48680.2	111510	131
01000S	-1987.5	535748.8	6311740	56523.4	99	48782.6	112002	147
01000S	-1975	535759.6	6311747	56251.8	99	48510.6	112058	176
01000S	-1962.5	535770.4	6311753	56214.3	99	48473.1	112138	161
01000S	-1950	535781.3	6311759	56125.9	99	48385	112226	151
01000S	-1937.5	535792.1	6311765	55798.7	99	48057.9	112502	186
01000S	-1912.5	535813.7	6311778	56809	99	49068.6	112814	-
01000S	-1900	535824.6	6311784	57079.3	69	49338.9	112958	296
01000S	-1887.5	535835.4	6311790	56086.8	99	48345.2	113146	262
01000S	-1875	535846.2	6311797	56076.9	99	48334	113254	176
01000S	-1862.5	535857	6311803	56670.6	99	48928	113442	175
01000S	-1850	535867.9	6311809	56225.1	99	48481.9	113534	127
01000S	-1837.5	535878.7	6311815	55986.7	99	48243.4	113650	112
01000S	-1825	535889.5	6311822	56111.5	99	48368.8	113722	161
01000S	-1812.5	535900.3	6311828	55889.1	99	48145.7	113750	182
01000S	-1800	535911.2	6311834	58116.4	79	50373.3	113830	128
01000S	-1775	535932.8	6311847	58302.3	59	50563.9	114442	96
01000S	-1762.5	535943.6	6311853	56201.1	99	48461.9	114514	111
01000S	-1750	535954.5	6311859	56088.6	99	48349	114646	101
01000S	-1737.5	535965.3	6311865	56460.7	99	48720.8	115110	110
01000S	-1725	535976.1	6311872	56582	99	48843.5	115146	141
01000S	-1712.5	535986.9	6311878	57594.3	99	49855.9	115302	209
01000S	-1700	535997.8	6311884	58320.8	99	50582.3	115334	278
01000S	-1687.5	536008.6	6311890	57382.8	99	49641.9	115714	193
01000S	-1675	536019.4	6311897	57124.4	99	49384.2	120054	165
01000S	-1662.5	536030.2	6311903	56678.9	99	48937.2	120626	108
01000S	-1650	536041.1	6311909	56368.9	99	48627.6	120658	390
01000S	-1637.5	536051.9	6311915	56337.2	99	48594.9	120722	198
01000S	-1625	536062.7	6311922	56303.4	99	48561.2	120850	167
01000S	-1612.5	536073.5	6311928	56341.8	99	48598.8	120910	201
01000S	-1600	536084.4	6311934	56304.7	99	48562.6	120938	189
01000S	-1587.5	536095.2	6311940	56450.2	99	48708.4	121006	167
01000S	-1575	536106	6311947	56349.4	99	48607.4	121030	202
01000S	-1562.5	536116.8	6311953	56310.6	99	48567.5	121058	211
01000S	-1550	536127.7	6311959	56296.6	99	48554.5	121130	198
01000S	-1537.5	536138.5	6311965	56298.1	99	48554.2	121206	205
01000S	-1525	536149.3	6311972	56360.9	99	48617.4	121234	311
01000S	-1512.5	536160.1	6311978	56346.7	99	48603.8	121302	191
01000S	-1500	536171	6311984	56403.2	99	48659.6	121330	347
01000S	-1487.5	536181.8	6311990	56706	99	48962.4	121434	205
01000S	-1475	536192.6	6311997	56490.2	99	48749.4	123542	828
01000S	-1462.5	536203.4	6312003	56321.6	99	48581.7	123622	270
01000S	-1450	536214.3	6312009	56248.4	99	48505.3	123646	197
01000S	-1437.5	536225.1	6312015	56285.2	99	48542.4	123710	320
01000S	-1425	536235.9	6312022	56292.6	99	48549.9	123802	247
01000S	-1412.5	536246.7	6312028	56242	99	48497.8	123826	220
01000S	-1400	536257.6	6312034	56298.1	99	48554.9	123902	154
01000S	-1387.5	536268.4	6312040	56323.9	99	48579.6	124006	159
01000S	-1375	536279.2	6312047	56390.9	99	48644.7	124046	171
01000S	-1362.5	536290	6312053	56280.9	99	48536.9	124110	163
01000S	-1350	536300.9	6312059	56297	99	48553.2	124142	176
01000S	-1337.5	536311.7	6312065	56310.7	99	48565.9	124218	339
01000S	-1325	536322.5	6312072	56339.4	99	48595.6	124414	353
01000S	-1312.5	536333.3	6312078	56320.2	99	48577.3	124506	1090

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
01000S	-1300	536344.2	6312084	56840.7	69	49096.8	124538	525
01000S	-725	536842.1	6312372	56699.1	99	48951	143010	80
01000S	-712.5	536853	6312378	56783.9	99	49037.8	143038	90
01000S	-700	536863.8	6312384	56476.8	99	48730.2	143102	70
01000S	-687.5	536874.6	6312390	56461.1	99	48714.7	143126	90
01000S	-675	536885.4	6312397	56552	99	48805.3	143150	90
01000S	-662.5	536896.3	6312403	56573	99	48825.1	143218	90
01000S	-650	536907.1	6312409	56568.4	99	48821.4	143238	80
01000S	-637.5	536917.9	6312415	56577.2	99	48830.3	143302	90
01000S	-625	536928.7	6312422	56609	99	48862.7	143322	85
01000S	-612.5	536939.6	6312428	56628.6	99	48882.9	143354	70
01000S	-600	536950.4	6312434	56612	99	48865.7	143418	80
01000S	-587.5	536961.2	6312440	56679.6	99	48933.8	143438	80
01000S	-575	536972	6312447	56956.4	99	49211.2	143502	70
01000S	-562.5	536982.9	6312453	57090.5	99	49346.3	143526	70
01000S	-550	536993.7	6312459	57642	99	49897.3	143550	50
01000S	-537.5	537004.5	6312465	57017.2	99	49270.4	143614	50
01000S	-525	537015.3	6312472	57623.2	99	49877.2	143634	50
01000S	-512.5	537026.2	6312478	57467.7	99	49720.3	143658	30
01000S	-500	537037	6312484	57853.2	99	50108.3	143722	30
01000S	-487.5	537047.8	6312490	58084.8	99	50339.6	143742	40
01000S	-475	537058.6	6312497	57826.3	99	50081.1	143806	35
01000S	-387.5	537134.4	6312540	57323.1	99	49556	150118	45
01000S	-375	537145.2	6312547	57154	99	49386	150150	650
01000S	-362.5	537156.1	6312553	56715.8	99	48949.2	150258	150
01000S	-350	537166.9	6312559	56705.6	99	48936.4	150522	105
01000S	-337.5	537177.7	6312565	56991.7	99	49224.1	150610	390
01000S	-325	537188.5	6312572	57079.1	99	49311	150642	120
01000S	-312.5	537199.4	6312578	56674.5	99	48907.3	150702	170
01000S	-300	537210.2	6312584	56663	99	48895.7	150726	110
01000S	-287.5	537221	6312590	56613.7	99	48847	150750	100
01000S	-275	537231.8	6312597	56594	99	48828.3	150818	110
01000S	-262.5	537242.7	6312603	56542.4	99	48777.9	150842	110
01000S	-250	537253.5	6312609	56481.4	99	48716.3	150902	120
01000S	-237.5	537264.3	6312615	56678.1	99	48912.7	150930	105
01000S	-225	537275.1	6312622	56739.5	99	48972.8	151002	120
01000S	-212.5	537286	6312628	56558.7	99	48792.1	151026	95
01000S	-200	537296.8	6312634	56506.6	99	48740	151046	90
01000S	-187.5	537307.6	6312640	56531.5	99	48764.8	151114	100
01000S	-175	537318.4	6312647	56610.3	99	48844	151202	80
01000S	-162.5	537329.3	6312653	56636.3	99	48870.4	151230	90
01000S	-150	537340.1	6312659	56536.8	99	48772.1	151306	180
01000S	-137.5	537350.9	6312665	56594.9	99	48829.2	151346	110
01000S	-125	537361.7	6312672	56579.2	99	48813.4	151414	130
01000S	-112.5	537372.6	6312678	56618.8	99	48854.2	151442	110
01000S	-100	537383.4	6312684	56575.7	99	48810.1	151506	90
01000S	-87.5	537394.2	6312690	56539.3	99	48773.4	151534	80
01000S	-75	537405	6312697	56595	99	48829.1	151558	0
01000S	-62.5	537415.9	6312703	56554.9	99	48790.1	151618	70
01000S	-50	537426.7	6312709	56454.3	99	48689.6	151642	75
01000S	-37.5	537437.5	6312715	56471.3	99	48705.7	151702	90
01000S	-25	537448.3	6312722	56406.9	99	48642.3	151726	85
01000S	-12.5	537459.2	6312728	56397.2	99	48632.5	151750	90
01000S	0	537470	6312734	56430.9	99	48665.5	151814	115
01000S	12.5	537480.8	6312740	56381.8	99	48617.1	151842	90
01000S	25	537491.7	6312747	56482.2	99	48715.7	151930	80
01000S	37.5	537502.5	6312753	57726.9	99	49960.7	151950	80
01000S	50	537513.3	6312759	56620.4	99	48854.9	152010	110
01000S	62.5	537524.1	6312765	56407.5	99	48642.2	152034	100
01000S	75	537535	6312772	56526.7	99	48761.6	152058	110
01000S	87.5	537545.8	6312778	56536.1	99	48769	152122	90
01000S	100	537556.6	6312784	56514.7	99	48747.8	152138	110
01000S	112.5	537567.4	6312790	57778.9	59	50013.4	152202	100

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
01000S	125	537578.3	6312797	56428.3	99	48662.4	152226	60
01000S	137.5	537589.1	6312803	56355.6	99	48588.5	152246	50
01000S	150	537599.9	6312809	56301	99	48534.9	152310	55
01000S	162.5	537610.7	6312815	56388	99	48623.2	152602	45
01000S	175	537621.6	6312822	56387.6	99	48622.6	152630	80
01000S	187.5	537632.4	6312828	56381.3	99	48615	152650	80
01000S	200	537643.2	6312834	56409.5	99	48643.7	152706	90
01000S	212.5	537654	6312840	56380.2	99	48614.8	152734	90
01000S	225	537664.9	6312847	56438.8	99	48673.4	152754	80
01000S	237.5	537675.7	6312853	56437.9	99	48672.4	152814	120
01000S	250	537686.5	6312859	56393.5	99	48627.8	152830	50
01000S	262.5	537697.3	6312865	56430.6	99	48664.9	152854	50
01000S	275	537708.2	6312872	56421	99	48655.2	152914	50
01000S	287.5	537719	6312878	56526.3	99	48760.3	153002	130
01000S	300	537729.8	6312884	56444.3	99	48677.3	153022	100
01000S	312.5	537740.6	6312890	56425.9	99	48657.1	153042	70
01000S	325	537751.5	6312897	56403.3	99	48635.3	153110	110
01000S	337.5	537762.3	6312903	56399.5	99	48630.4	153246	110
01000S	350	537773.1	6312909	56467.5	99	48692	153830	-
01000S	700	538076.2	6313084	56911.4	99	49173.1	93038	210
01000S	712.5	538087	6313090	57029.3	99	49289.8	93210	110
01000S	725	538097.9	6313097	57199.8	99	49461	93254	110
01000S	737.5	538108.7	6313103	57762.5	99	50023.6	93358	100
01000S	750	538119.5	6313109	58575	99	50836.3	93438	130
01000S	762.5	538130.3	6313115	58852.5	99	51114.2	93542	110
01000S	775	538141.2	6313122	58762.4	99	51024	93618	90
01000S	787.5	538152	6313128	58937.2	99	51198.7	93714	145
01000S	800	538162.8	6313134	59482.7	99	51743.7	93842	150
01000S	812.5	538173.6	6313140	59478.9	99	51739.9	93930	130
01000S	825	538184.5	6313147	57293	99	49553.7	94058	140
01000S	837.5	538195.3	6313153	55600.5	99	47862.7	94142	115
01000S	850	538206.1	6313159	56303.8	99	48565.6	94222	110
01000S	862.5	538216.9	6313165	56464.4	99	48726.4	94314	35
01000S	875	538227.8	6313172	56530.3	99	48791.8	94414	40
01000S	887.5	538238.6	6313178	56581.5	99	48843.5	94434	-
01000S	900	538249.4	6313184	56680.3	99	48942.1	94502	40
01000S	912.5	538260.2	6313190	56751	99	49012.3	94538	60
01000S	925	538271.1	6313197	57129.8	99	49390.3	94622	90
01000S	937.5	538281.9	6313203	57287.3	99	49548.2	94758	-
01000S	950	538292.7	6313209	57058.7	99	49319	94910	115
01000S	962.5	538303.5	6313215	57045.3	99	49304.8	95014	120
01000S	975	538314.4	6313222	56885.2	99	49145.2	95242	130
01000S	987.5	538325.2	6313228	57416.8	99	49677.6	95306	110
01000S	1000	538336	6313234	57119.6	99	49380.5	95330	95
01000S	1012.5	538346.9	6313240	57072.4	99	49333.7	95406	145
01000S	1025	538357.7	6313247	56809.9	99	49072.2	95558	130
01000S	1037.5	538368.5	6313253	56841.9	99	49104.5	95618	180
01000S	1050	538379.3	6313259	56795.9	99	49057.4	95634	135
01000S	1062.5	538390.2	6313265	56943.3	99	49204.5	95842	125
01000S	1075	538401	6313272	56747.2	99	49008.5	95918	135
01000S	1087.5	538411.8	6313278	56805.1	99	49066	100006	175
01000S	1100	538422.6	6313284	56962.2	99	49223.5	100046	120
01000S	1112.5	538433.5	6313290	57153.9	99	49415.3	100122	135
01000S	1125	538444.3	6313297	56792.7	99	49055	100158	200
01000S	1137.5	538455.1	6313303	56790.2	99	49051.6	100246	100
01000S	1150	538465.9	6313309	56650.5	99	48912.1	100318	100
01000S	1162.5	538476.8	6313315	56624.1	99	48883.3	100934	-
01000S	1175	538487.6	6313322	56627.6	99	48887.2	101018	95
01000S	1187.5	538498.4	6313328	56763.6	99	49023.3	101050	105
01000S	1200	538509.2	6313334	56869.8	99	49127.8	101242	75
01000S	1212.5	538520.1	6313340	56765	99	49022.8	101342	110
01000S	1225	538530.9	6313347	56785.1	99	49042.3	101438	120
01000S	1237.5	538541.7	6313353	56805.5	99	49063.3	101530	115

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
01000S	1250	538552.5	6313359	56865.8	99	49123.4	101650	150
01000S	1262.5	538563.4	6313365	56785.2	99	49043	101822	140
01000S	1275	538574.2	6313372	56832.2	99	49089.3	101858	120
01000S	1287.5	538585	6313378	56982.4	99	49239.5	101930	130
01000S	1300	538595.8	6313384	56822.5	99	49078.9	102154	120
01000S	1312.5	538606.7	6313390	56755.3	99	49013.2	102246	160
01000S	1325	538617.5	6313397	56838.8	99	49094.8	102322	135
01000S	1337.5	538628.3	6313403	56779.8	99	49038.3	102418	140
01000S	1350	538639.1	6313409	56821.5	99	49079.7	102522	120
01000S	1362.5	538650	6313415	56766.1	99	49023.5	102638	220
01000S	1375	538660.8	6313422	56852.2	99	49111	102734	190
01000S	1387.5	538671.6	6313428	56782.1	99	49040	102830	120
01000S	1400	538682.4	6313434	56790.1	99	49047.5	102922	175
01000S	1412.5	538693.3	6313440	56754.2	99	49011.8	103034	200
01000S	1425	538704.1	6313447	56959.2	99	49219.1	103114	125
01000S	1437.5	538714.9	6313453	56772.3	99	49030.5	103214	130
01000S	1450	538725.7	6313459	56765.4	99	49022.5	103326	150
01000S	1462.5	538736.6	6313465	56737	99	48994.1	103414	125
01000S	1475	538747.4	6313472	56804.6	99	49062.3	103714	110
01000S	1487.5	538758.2	6313478	56802.7	99	49060.2	103742	135
01000S	1500	538769	6313484	56747.6	99	49005.7	103810	140
01000S	1512.5	538779.9	6313490	56788.7	99	49046.6	103850	145
01000S	1525	538790.7	6313497	56764.9	99	49023.7	103958	130
01000S	1537.5	538801.5	6313503	56784	99	49043.2	104046	120
01000S	1550	538812.3	6313509	56772.6	99	49030.8	104210	250
01000S	1562.5	538823.2	6313515	56822.5	99	49080.6	104254	230
01000S	1575	538834	6313522	56778.4	99	49034.7	104406	110
01000S	1587.5	538844.8	6313528	56788.1	99	49045.4	104702	120
01000S	1600	538855.6	6313534	56822.7	99	49079.8	104838	130
01000S	1612.5	538866.5	6313540	56788.3	99	49046.6	104914	110
01000S	1625	538877.3	6313547	56818.3	99	49075.8	105014	160
01000S	1637.5	538888.1	6313553	56793.9	99	49051.5	105114	115
01000S	1650	538898.9	6313559	56781.9	99	49040.2	105242	230
01000S	1662.5	538909.8	6313565	56772.5	99	49030.7	105442	80
01000S	1675	538920.6	6313572	56766.4	99	49023.7	105546	130
01000S	1687.5	538931.4	6313578	56849.3	99	49106.9	105622	145
01000S	1700	538942.2	6313584	56885.5	99	49144	105710	190
01000S	1712.5	538953.1	6313590	56902.4	99	49160.7	105738	230
01000S	1725	538963.9	6313597	56862.9	99	49120.7	105842	150
01000S	1737.5	538974.7	6313603	56816.3	99	49074.6	105930	120
01000S	1750	538985.5	6313609	56802.5	99	49060.9	110018	155
01000S	1762.5	538996.4	6313615	56852.9	99	49109	110110	560
01000S	1775	539007.2	6313622	56871	99	49128.4	110142	280
01000S	1787.5	539018	6313628	56817.1	99	49075.8	110234	180
01000S	1800	539028.8	6313634	56808.4	99	49065.8	110354	150
01000S	1812.5	539039.7	6313640	56821	99	49077.5	110642	80
01000S	1825	539050.5	6313647	56847.4	99	49104.2	110706	90
01000S	1900	539115.4	6313684	56793.5	99	49051.8	114838	230
01000S	1912.5	539126.3	6313690	56748.2	99	49006.5	115022	90
01000S	1925	539137.1	6313697	56748.4	99	49005.8	115058	185
01000S	1937.5	539147.9	6313703	56777.6	99	49034.3	115126	120
01000S	1950	539158.7	6313709	56770.6	99	49028	115246	110
01000S	1962.5	539169.6	6313715	56706.1	99	48962.3	115326	125
01000S	1975	539180.4	6313722	56726.2	99	48983.9	115434	120
01000S	1987.5	539191.2	6313728	56730.4	99	48987.8	115742	140
01000S	2000	539202.1	6313734	56714.3	99	48972.3	115802	200
01000S	2012.5	539212.9	6313740	56725.4	99	48982.2	122318	165
01000S	2025	539223.7	6313747	56714.3	99	48970.6	122438	110
01000S	2037.5	539234.5	6313753	56757.9	99	49013.9	122526	260
01000S	2050	539245.4	6313759	56708.7	99	48966	122614	120
01000S	2062.5	539256.2	6313765	56719.2	99	48976.1	122654	160
01000S	2075	539267	6313772	56745	99	49002.5	122726	160
01000S	2087.5	539277.8	6313778	56734.8	99	48991	122802	-

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
01000S	2100	539288.7	6313784	56759.6	99	49016.3	122850	205
01000S	2112.5	539299.5	6313790	56732.2	99	48987.8	122938	120
01000S	2125	539310.3	6313797	56787.3	99	49043	123014	70
01000S	2137.5	539321.1	6313803	56727.5	99	48984	123046	100
01000S	2150	539332	6313809	56714.8	99	48972.2	123134	100
01000S	2162.5	539342.8	6313815	56722.5	99	48979.1	123246	70
01000S	2175	539353.6	6313822	56726.1	99	48982.8	123358	105
01000S	2187.5	539364.4	6313828	56732.7	99	48989.9	123626	80
01000S	2200	539375.3	6313834	56727.4	99	48984.8	123722	95
01000S	2212.5	539386.1	6313840	56755.4	99	49011.9	123754	115
01000S	2225	539396.9	6313847	56714	99	48970	123842	90
01000S	2237.5	539407.7	6313853	56759.4	99	49016.4	123958	90
01000S	2250	539418.6	6313859	56698.6	99	48954.8	124114	75
00000S	1750	538485.5	6314475	56792.1	99	49048.5	92710	110
00000S	1737.5	538474.7	6314469	56799.5	99	49055	92742	80
00000S	1725	538463.9	6314463	56792.4	99	49048.5	92826	60
00000S	1712.5	538453.1	6314456	56885	99	49141.8	92858	40
00000S	1700	538442.2	6314450	56819.2	99	49076.3	92926	40
00000S	1687.5	538431.4	6314444	56846.4	99	49103.6	92958	30
00000S	1675	538420.6	6314438	56787.5	99	49044.8	93022	30
00000S	1662.5	538409.8	6314431	56816.1	99	49073.5	93054	40
00000S	1650	538398.9	6314425	56833.9	99	49091	93114	30
00000S	1637.5	538388.1	6314419	56890	99	49147.1	93138	30
00000S	1625	538377.3	6314413	56864	99	49121.7	93202	50
00000S	1612.5	538366.5	6314406	56881.6	99	49138.6	93222	90
00000S	1600	538355.6	6314400	56899.6	99	49157.2	93242	105
00000S	1587.5	538344.8	6314394	56847.6	99	49104.5	93314	160
00000S	1575	538334	6314388	56809.5	99	49068	93334	250
00000S	1562.5	538323.2	6314381	56890.4	99	49148	93358	130
00000S	1550	538312.3	6314375	56828	99	49087	93422	210
00000S	1537.5	538301.5	6314369	56863.2	99	49121.8	93446	320
00000S	1525	538290.7	6314363	56921.1	99	49180.2	93510	200
00000S	1512.5	538279.9	6314356	56869.4	99	49127.5	93534	130
00000S	1500	538269	6314350	56889.7	99	49148.6	93559	140
00000S	1487.5	538258.2	6314344	56809.3	99	49068.5	93614	120
00000S	1475	538247.4	6314338	56836	99	49094.4	93634	130
00000S	1462.5	538236.6	6314331	56842.7	99	49102.6	93702	160
00000S	1450	538225.7	6314325	56804.3	99	49064.1	93818	160
00000S	1437.5	538214.9	6314319	56796.4	99	49055.4	93846	170
00000S	1425	538204.1	6314313	56922.9	99	49180.5	93906	180
00000S	1412.5	538193.3	6314306	56847.1	99	49106.2	93930	150
00000S	1400	538182.4	6314300	56834.7	99	49093.3	93950	150
00000S	1387.5	538171.6	6314294	56826.2	99	49086.3	94010	140
00000S	1375	538160.8	6314288	56876.6	99	49136.2	94034	210
00000S	1362.5	538150	6314281	56858.2	99	49117.1	94106	70
00000S	1350	538139.1	6314275	56864.8	99	49123.8	94138	110
00000S	1337.5	538128.3	6314269	56777.2	99	49036.7	94206	120
00000S	1325	538117.5	6314263	56846.5	99	49104.7	94250	100
00000S	1312.5	538106.7	6314256	56768.2	99	49026.8	94414	110
00000S	1300	538095.8	6314250	57736.8	49	49995	94434	130
00000S	1287.5	538085	6314244	56935.2	99	49194.2	94458	100
00000S	1275	538074.2	6314238	56917.8	99	49177.5	94518	110
00000S	1262.5	538063.4	6314231	56843.6	99	49103	94546	100
00000S	1250	538052.5	6314225	56784.9	99	49046	94638	110
00000S	1237.5	538041.7	6314219	56771.2	99	49032.4	94718	80
00000S	1225	538030.9	6314213	56784.7	99	49045.7	94810	180
00000S	1212.5	538020.1	6314206	56797.1	99	49058.3	94910	100
00000S	1200	538009.2	6314200	56867.7	99	49129.1	95050	110
00000S	1187.5	537998.4	6314194	56828.1	99	49088.6	95454	60
00000S	1175	537987.6	6314188	56760	99	49020.5	95538	140
00000S	1162.5	537976.8	6314181	56752.9	99	49014.3	95626	150
00000S	1150	537965.9	6314175	56767.8	99	49028.5	95726	130
00000S	1137.5	537955.1	6314169	56797.3	99	49057.9	95758	170

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
00000S	1125	537944.3	6314163	56724	99	48984.4	95830	170
00000S	1112.5	537933.5	6314156	56809.6	99	49069.3	95858	190
00000S	1100	537922.6	6314150	56762.1	99	49022.3	95926	220
00000S	1087.5	537911.8	6314144	56687.3	99	48946.6	100002	140
00000S	1075	537901	6314138	56759.3	99	49019.5	100058	80
00000S	950	537792.7	6314075	56934.1	99	49190.3	102722	220
00000S	937.5	537781.9	6314069	56800.5	99	49057.1	102754	150
00000S	925	537771.1	6314063	56719.9	99	48976.6	102814	110
00000S	912.5	537760.2	6314056	56700.8	99	48958.8	102834	130
00000S	900	537749.4	6314050	56763.5	99	49019.5	102850	160
00000S	887.5	537738.6	6314044	56695.6	99	48952.8	103346	400
00000S	875	537727.8	6314038	56830.1	99	49087.8	103418	450
00000S	862.5	537716.9	6314031	57035.3	99	49293.5	103502	400
00000S	850	537706.1	6314025	56897.7	99	49155.6	103526	180
00000S	837.5	537695.3	6314019	56769.8	99	49026.8	103746	450
00000S	825	537684.5	6314013	56799	99	49055.2	103810	200
00000S	812.5	537673.6	6314006	56776.3	99	49033.2	103858	220
00000S	800	537662.8	6314000	56881.2	99	49136.6	103926	50
00000S	787.5	537652	6313994	56779.6	99	49036.7	104010	50
00000S	775	537641.2	6313988	56650.6	99	48906.8	104038	80
00000S	762.5	537630.3	6313981	56670.1	99	48926.5	104110	130
00000S	750	537619.5	6313975	56617.3	99	48872.6	104134	160
00000S	737.5	537608.7	6313969	56567	99	48823.2	104210	150
00000S	725	537597.9	6313963	56718.2	99	48974.5	104246	120
00000S	712.5	537587	6313956	56845.7	99	49101.9	104326	120
00000S	700	537576.2	6313950	56823.4	99	49078.9	104434	810
00000S	687.5	537565.4	6313944	56630.6	99	48886	104502	140
00000S	675	537554.6	6313938	56577.7	99	48832.3	104538	130
00000S	662.5	537543.7	6313931	56482.8	99	48738.4	104610	160
00000S	650	537532.9	6313925	56261.1	99	48516.5	104634	140
00000S	637.5	537522.1	6313919	56609	99	48864.6	104702	130
00000S	625	537511.3	6313913	57148.5	99	49403.3	104802	930
00000S	612.5	537500.4	6313906	57221.3	89	49476.2	104838	130
00000S	600	537489.6	6313900	57197	99	49452	104930	210
00000S	587.5	537478.8	6313894	57044.3	99	49299	105054	900
00000S	425	537338.1	6313813	56947.6	99	49203	110422	100
00000S	412.5	537327.2	6313806	56986.8	99	49242	110438	130
00000S	400	537316.4	6313800	56956.8	99	49212.1	110454	120
00000S	387.5	537305.6	6313794	56932.4	99	49187.5	110526	110
00000S	375	537294.8	6313788	56877.1	99	49131.9	110558	100
00000S	362.5	537283.9	6313781	56694.3	99	48949.6	110626	80
00000S	350	537273.1	6313775	56675.9	99	48931.4	110702	110
00000S	337.5	537262.3	6313769	56619.1	99	48874.4	110726	120
00000S	325	537251.5	6313763	56731	99	48985.8	110750	110
00000S	312.5	537240.6	6313756	56631	99	48885.5	110818	100
00000S	300	537229.8	6313750	56495.9	99	48750.7	110838	100
00000S	287.5	537219	6313744	56508.1	99	48763	111014	50
00000S	275	537208.2	6313738	56656.2	99	48912	111114	90
00000S	262.5	537197.3	6313731	56840.1	99	49095.9	111134	230
00000S	250	537186.5	6313725	56822.3	99	49077.7	111210	60
00000S	237.5	537175.7	6313719	56736.6	99	48992.9	111230	-
00000S	225	537164.9	6313713	56713.3	99	48969.3	111250	160
00000S	212.5	537154	6313706	56735.2	99	48991.2	111310	230
00000S	200	537143.2	6313700	56675	99	48932.1	111334	100
00000S	187.5	537132.4	6313694	56574.4	99	48831.3	111550	120
00000S	175	537121.6	6313688	56496.7	99	48753.4	111626	90
00000S	162.5	537110.7	6313681	56546.1	99	48802.6	111734	2050
00000S	150	537099.9	6313675	56476.7	99	48731.7	111806	110
00000S	137.5	537089.1	6313669	56585	99	48841.2	111838	65
00000S	125	537078.3	6313663	56592	99	48847.7	111910	60
00000S	112.5	537067.4	6313656	56708.4	99	48963.7	111950	120
00000S	100	537056.6	6313650	56697.3	99	48952	112030	80
00000S	87.5	537045.8	6313644	56565.2	99	48819.9	112106	120

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
00000S	75	537035	6313638	56567	99	48821.5	112142	140
00000S	62.5	537024.1	6313631	56462	99	48716.9	112218	170
00000S	50	537013.3	6313625	56370.3	99	48625.5	112246	130
00000S	37.5	537002.5	6313619	56340	99	48594.5	112322	90
00000S	25	536991.7	6313613	57205.1	99	49460.5	112358	100
00000S	12.5	536980.8	6313606	56754	99	49009.4	112442	100
00000S	0	536970	6313600	56792.1	99	49045.5	112522	110
00000S	-12.5	536959.2	6313594	56988.7	99	49244.4	113626	110
00000S	-25	536948.3	6313588	56352	99	48607.1	113646	100
00000S	-37.5	536937.5	6313581	56476.5	99	48730.1	113710	110
00000S	-50	536926.7	6313575	56623.6	99	48877.8	113730	120
00000S	-62.5	536915.9	6313569	56642.4	99	48896.3	113754	190
00000S	-75	536905	6313563	56660.2	99	48915.3	113814	720
00000S	-87.5	536894.2	6313556	56556.8	99	48811.8	113834	130
00000S	-100	536883.4	6313550	56507.6	99	48761.8	113854	120
00000S	-112.5	536872.6	6313544	56484	99	48738.5	113914	120
00000S	-125	536861.7	6313538	56426.3	99	48681.2	113938	110
00000S	-137.5	536850.9	6313531	56425	99	48680.2	113958	110
00000S	-150	536840.1	6313525	56406.6	99	48663.7	114014	120
00000S	-162.5	536829.3	6313519	56465.1	99	48721.3	114038	100
00000S	-175	536818.4	6313513	56455.2	99	48711.7	114058	110
00000S	-187.5	536807.6	6313506	56427.4	99	48681.1	114118	100
00000S	-200	536796.8	6313500	56397.4	99	48652.7	114130	90
00000S	-212.5	536786	6313494	56423.7	99	48679.1	114210	150
00000S	-225	536775.1	6313488	56437.5	99	48694.6	114234	80
00000S	-237.5	536764.3	6313481	56546.3	99	48802	114250	80
00000S	-250	536753.5	6313475	56532.1	99	48787.7	114310	90
00000S	-262.5	536742.7	6313469	56533.1	99	48789.8	114334	70
00000S	-275	536731.8	6313463	56485.7	99	48741.2	114354	70
00000S	-287.5	536721	6313456	56463.4	99	48720.8	114418	100
00000S	-300	536710.2	6313450	56461.6	99	48719.5	114458	120
00000S	-312.5	536699.4	6313444	56446.8	99	48703.6	114522	90
00000S	-325	536688.5	6313438	56406.7	99	48663.3	114554	110
00000S	-337.5	536677.7	6313431	56388.8	99	48644.4	114626	150
00000S	-350	536666.9	6313425	56381.5	99	48637.1	114706	120
00000S	-362.5	536656.1	6313419	56414.9	99	48669	114742	120
00000S	-375	536645.2	6313413	56369.2	99	48624.5	114818	150
00000S	-387.5	536634.4	6313406	56390.3	99	48644.6	114838	140
00000S	-400	536623.6	6313400	56385.2	99	48638.4	114958	2000
00000S	-412.5	536612.8	6313394	56402.6	99	48657.1	115030	270
00000S	-425	536601.9	6313388	56427.2	99	48681.6	115110	190
00000S	-437.5	536591.1	6313381	57079.9	99	49334.8	115146	210
00000S	-450	536580.3	6313375	56605	99	48858.9	115218	110
00000S	-462.5	536569.5	6313369	56471.3	99	48726.1	115250	110
00000S	-475	536558.6	6313363	56463.2	99	48717.8	115322	130
00000S	-487.5	536547.8	6313356	56531.4	99	48785.7	115350	110
00000S	-500	536537	6313350	56494.6	99	48748.7	115418	100
00000S	-512.5	536526.2	6313344	56482	99	48737.1	115454	180
00000S	-525	536515.3	6313338	56495.6	99	48750.9	115514	120
00000S	-537.5	536504.5	6313331	56482	99	48735.8	115550	130
00000S	-550	536493.7	6313325	56518.6	99	48773.3	115638	140
00000S	-562.5	536482.9	6313319	56543.1	99	48798.2	115714	80
00000S	-575	536472	6313313	56483	99	48737.3	115750	120
00000S	-587.5	536461.2	6313306	56497.6	99	48751.9	115826	90
00000S	-600	536450.4	6313300	56549.7	99	48804	115854	80
00000S	-612.5	536439.6	6313294	56513.7	99	48767.2	115926	90
00000S	-625	536428.7	6313288	56682	99	48936.8	115950	60
00000S	-637.5	536417.9	6313281	56523.4	99	48779.4	120026	-
00000S	-650	536407.1	6313275	56483.8	99	48739.1	120154	100
00000S	-662.5	536396.3	6313269	56577.1	99	48831.9	120242	100
00000S	-675	536385.4	6313263	56581.5	99	48838.1	120326	190
00000S	-687.5	536374.6	6313256	56495	99	48750.5	120354	200
00000S	-700	536363.8	6313250	56522.9	99	48778.9	120434	150

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
00000S	-712.5	536353	6313244	56582.2	99	48837.6	120718	140
00000S	-725	536342.1	6313238	56573	99	48828	120746	250
00000S	-737.5	536331.3	6313231	56731.8	99	48986.5	120850	120
00000S	-750	536320.5	6313225	56728.7	99	48985.4	123414	220
00000S	-762.5	536309.7	6313219	57057.8	99	49313	123458	130
00000S	-775	536298.8	6313213	57132.1	99	49389.8	123534	360
00000S	-787.5	536288	6313206	56643.1	99	48897.9	123614	230
00000S	-800	536277.2	6313200	56715.3	99	48969.8	123710	140
00000S	-812.5	536266.4	6313194	56911.2	99	49166.7	123742	170
00000S	-825	536255.5	6313188	57054.8	99	49311.4	123758	240
00000S	-837.5	536244.7	6313181	57267	99	49522.8	123826	180
00000S	-850	536233.9	6313175	57563.9	99	49819.3	123922	200
00000S	-862.5	536223.1	6313169	57160	99	49415.9	123946	210
00000S	-875	536212.2	6313163	57753.6	99	50010.2	124022	160
00000S	-887.5	536201.4	6313156	56714.4	99	48969.6	124122	930
00000S	-900	536190.6	6313150	56595.8	99	48849.8	124214	210
00000S	-912.5	536179.8	6313144	56822.8	99	49077.6	124410	1030
00000S	-925	536168.9	6313138	56877.6	99	49131.6	124506	130
00000S	-937.5	536158.1	6313131	56407.6	99	48661.9	124542	130
00000S	-950	536147.3	6313125	56584.5	99	48839.8	124618	140
00000S	-962.5	536136.5	6313119	59363.7	59	51617.5	124658	120
00000S	-975	536125.6	6313113	57588.9	99	49842	124742	120
00000S	-987.5	536114.8	6313106	58798.1	99	51053.4	124814	130
00000S	-1000	536104	6313100	62195.9	59	54450.8	124842	120
00000S	-1012.5	536093.1	6313094	62718.1	39	54973.4	124922	130
00000S	-1025	536082.3	6313088	60759.1	99	53013.4	124954	120
00000S	-1062.5	536049.8	6313069	62034.9	99	54287.7	125354	130
00000S	-1075	536039	6313063	61984.3	99	54239.4	125454	80
00000S	-1087.5	536028.2	6313056	63252.5	99	55505.5	125526	100
00000S	-1100	536017.4	6313050	65495	99	57748.8	125622	130
00000S	-1112.5	536006.5	6313044	66419.3	79	58671.9	125658	290
00000S	-1125	535995.7	6313038	65165.7	59	57419.6	125734	210
00000S	-1137.5	535984.9	6313031	63821.9	69	56075.5	125902	2000
00000S	-1150	535974.1	6313025	63986.3	59	56239.9	125934	300
00000S	-1162.5	535963.2	6313019	62444.2	99	54698	130010	230
00000S	-1175	535952.4	6313013	61212.1	99	53466.6	130102	1300
00000S	-1187.5	535941.6	6313006	60592.6	99	52845.7	130138	500
00000S	-1200	535930.8	6313000	58325.1	99	50579.6	130306	820
00000S	-1212.5	535919.9	6312994	56996.5	99	49252	130350	230
00000S	-1225	535909.1	6312988	56401.4	99	48656.3	130430	340
00000S	-1237.5	535898.3	6312981	55939.6	99	48194.3	130602	240
00000S	-1250	535887.5	6312975	57268.2	99	49521.6	130626	300
00000S	-1262.5	535876.6	6312969	57004	99	49257.7	130718	250
00000S	-1275	535865.8	6312963	56135.9	99	48392.7	130802	390
00000S	-1287.5	535855	6312956	56222.5	99	48477.3	130842	290
00000S	-1300	535844.2	6312950	56065.2	99	48320.1	130910	250
00000S	-1312.5	535833.3	6312944	55921	99	48175.5	131010	600
00000S	-1325	535822.5	6312938	55518.3	99	47773.4	131042	360
00000S	-1337.5	535811.7	6312931	55497.3	99	47752	131138	1050
00000S	-1350	535800.9	6312925	55091.8	99	47349.1	131238	360
00000S	-1362.5	535790	6312919	55649.8	99	47906.2	131354	830
00000S	-1375	535779.2	6312913	56070.1	89	48326	131414	210
00000S	-1387.5	535768.4	6312906	56356.6	99	48612.5	131502	380
00000S	-1400	535757.6	6312900	55652.4	99	47908.7	131542	270
00000S	-1412.5	535746.7	6312894	55638	99	47897.2	131630	210
00000S	-1425	535735.9	6312888	55785.7	99	48041.9	131718	150
00000S	-1437.5	535725.1	6312881	55964.6	99	48219.1	131810	140
00000S	-1450	535714.3	6312875	56071.5	99	48324.7	132014	120
00000S	-1462.5	535703.4	6312869	56434.1	99	48689.9	132054	150
00000S	-1475	535692.6	6312863	56437.6	99	48691.3	132142	150
00000S	-1487.5	535681.8	6312856	56175.7	99	48428.4	132230	150
00000S	-1500	535671	6312850	56308.9	99	48564.2	132322	250
00000S	-1512.5	535660.1	6312844	56774.7	99	49031.1	132350	210



Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
00000S	-1525	535649.3	6312838	56961.1	99	49216	132426	190
00000S	-1537.5	535638.5	6312831	57168.2	99	49424	132502	300
00000S	-1550	535627.7	6312825	56367.1	99	48622.6	132550	230
00000S	-1562.5	535616.8	6312819	55991.7	99	48247.8	132642	150
00000S	-1575	535606	6312813	55905.7	99	48161.4	132710	170
00000S	-1587.5	535595.2	6312806	55961.9	99	48218.7	132734	180
00000S	-1600	535584.4	6312800	56017.1	99	48274	132826	150
00000S	-1612.5	535573.5	6312794	56300.5	99	48559.4	132902	180
00000S	-1625	535562.7	6312788	55950.7	99	48205.7	132926	330
00000S	-1637.5	535551.9	6312781	55886.6	99	48142.6	132954	180
00000S	-1650	535541.1	6312775	55792.9	99	48047.2	133026	190
00000S	-1662.5	535530.2	6312769	55759	99	48015.1	133102	180
00000S	-1675	535519.4	6312763	55993.6	99	48248.4	133134	200
00000S	-1687.5	535508.6	6312756	56840.2	59	49097	133202	160
00000S	-1700	535497.8	6312750	55964.1	99	48217.1	133234	200
00000S	-1712.5	535486.9	6312744	56022.5	99	48275.9	133334	220
00000S	-1725	535476.1	6312738	56084.7	99	48338	133350	220
00000S	-1737.5	535465.3	6312731	56791	69	49043.3	133414	240
00000S	-1750	535454.5	6312725	56069.8	99	48322.4	133438	230
00000S	-1762.5	535443.6	6312719	56234.2	99	48487.1	133518	220
00000S	-1775	535432.8	6312713	56373.7	99	48626.5	133546	140
00000S	-1787.5	535422	6312706	56424.7	99	48675.8	133622	390
00000S	-1800	535411.2	6312700	56257	99	48508.1	133718	200
00000S	-1812.5	535400.3	6312694	56288.1	99	48540.8	133746	350
00000S	-1825	535389.5	6312688	56182.1	29	48434.7	133826	120
00000S	-1837.5	535378.7	6312681	56304.7	99	48557.1	133854	70
00000S	-1850	535367.9	6312675	57161.7	99	49412.5	133914	80
00000S	-1862.5	535357	6312669	56446.5	99	48698.9	133942	100
00000S	-1875	535346.2	6312663	56597.7	99	48847	134006	140
00000S	-1887.5	535335.4	6312656	56555.6	99	48808.9	134038	120
00000S	-1900	535324.6	6312650	55941.7	99	48193.1	134058	250
00000S	-1912.5	535313.7	6312644	56248.3	99	48500.4	134218	200
00000S	-1925	535302.9	6312638	56971.8	99	49224.6	134250	300
00000S	-1937.5	535292.1	6312631	56471.1	99	48723.5	134314	170
00000S	-1950	535281.3	6312625	56640	99	48891.3	134338	290
00000S	-1962.5	535270.4	6312619	55731.6	99	47983.7	134422	140
00000S	-1975	535259.6	6312613	56076.1	99	48328.4	134502	240
00000S	-1987.5	535248.8	6312606	56109.7	99	48361.3	134530	150
00000S	-2000	535237.9	6312600	56458.6	99	48711.3	134554	210
00000S	-2012.5	535227.1	6312594	56216.4	99	48466.9	134630	170
00000S	-2025	535216.3	6312588	56352.2	99	48603	134702	180
00000S	-2037.5	535205.5	6312581	56370.3	99	48622	134754	260
00000S	-2050	535194.6	6312575	56385.9	99	48636.5	134902	190
00000S	-2062.5	535183.8	6312569	56378.5	98	48629.8	134918	160
00000S	-2075	535173	6312563	56440.7	99	48690.7	134950	90
00000S	-2087.5	535162.2	6312556	56657	99	48909.6	135018	100
00000S	-2100	535151.3	6312550	56637.7	99	48888.3	135102	100
00000S	-2112.5	535140.5	6312544	56560.9	99	48814.4	135146	100
00000S	-2125	535129.7	6312538	56468.1	99	48717.8	135326	210
00000S	-2137.5	535118.9	6312531	56577.4	99	48827.4	135434	470
00000S	-2150	535108	6312525	56554.2	99	48805.7	135510	440
00000S	-2162.5	535097.2	6312519	56523.5	99	48770.3	135802	600
00000S	-2175	535086.4	6312513	56586.8	99	48838.6	135946	240
00000S	-2187.5	535075.6	6312506	56597.2	99	48846.3	140046	350
00000S	-2200	535064.7	6312500	56591.4	99	48842	140114	310
00000S	-2212.5	535053.9	6312494	56658.7	99	48906.9	140246	1500
00000S	-2225	535043.1	6312488	56600.4	99	48847.8	140326	340
00000S	-2237.5	535032.3	6312481	56700.5	99	48948.2	140354	280
00000S	-2250	535021.4	6312475	56702.4	99	48951.5	140426	220
00000S	-2262.5	535010.6	6312469	56613	99	48860.2	140518	250
00000S	-2275	534999.8	6312463	56872.9	99	49123.4	140554	200
00000S	-2287.5	534989	6312456	56707.2	99	48954.4	140702	1350
00000S	-2300	534978.1	6312450	56761.1	99	49007.7	140722	120

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
00000S	-2312.5	534967.3	6312444	56800.2	99	49046.7	141242	190
00000S	-2325	534956.5	6312438	56781.9	99	49028.6	141346	16
00000S	-2337.5	534945.7	6312431	56838.2	99	49084.7	141442	160
00000S	-2350	534934.8	6312425	57218	99	49463.3	141526	140
00000S	-2362.5	534924	6312419	57005.6	99	49252.2	141606	90
00000S	-2375	534913.2	6312413	57031.1	99	49275.9	141638	120
00000S	-2387.5	534902.4	6312406	56994.3	99	49239.9	141714	200
00000S	-2400	534891.5	6312400	57144.2	99	49389.9	141802	200
00000S	-2412.5	534880.7	6312394	57149.4	99	49393.9	141838	150
00000S	-2425	534869.9	6312388	58219	99	50466.5	141902	100
00000S	-2437.5	534859.1	6312381	59059.2	99	51304.5	141930	90
00000S	-2450	534848.2	6312375	59422.1	99	51666.7	141950	90
00000S	-2462.5	534837.4	6312369	59149.7	99	51394.5	142010	70
00000S	-2475	534826.6	6312363	57802.8	99	50048	142034	60
00000S	-2487.5	534815.8	6312356	58752.4	99	50998.1	142102	90
00000S	-2500	534804.9	6312350	59402.2	99	51647.7	142122	90
00000S	-2512.5	534794.1	6312344	60781.4	99	53026.9	142206	80
00000S	-2525	534783.3	6312338	61124.6	99	53368.9	142250	90
00000S	-2537.5	534772.5	6312331	60158.7	99	52404	142330	90
00000S	-2550	534761.6	6312325	61520.4	99	53764.2	142446	80
00000S	-2562.5	534750.8	6312319	61671.7	99	53916.4	142514	100
00000S	-2575	534740	6312313	60932.4	99	53176.8	142602	70
00000S	-2587.5	534729.2	6312306	61326.8	99	53570.7	142646	70
00000S	-2600	534718.3	6312300	59834.6	99	52079.6	142738	70
00000S	-2612.5	534707.5	6312294	59096.6	99	51340	142810	60
00000S	-2625	534696.7	6312288	58295.1	99	50538.8	142842	50
00000S	-2637.5	534685.9	6312281	59900.4	59	52143.1	142934	50
00000S	-2650	534675	6312275	61803.8	99	54046	142958	50
00000S	-2662.5	534664.2	6312269	58801.8	69	51044.8	143046	40
00000S	-2675	534653.4	6312263	61486.9	99	53729.2	143130	50
00000S	-2687.5	534642.6	6312256	59460.4	79	51703.7	143214	60
00000S	-2700	534631.7	6312250	57428.1	99	49673.2	143306	50
00000S	-2712.5	534620.9	6312244	58420.3	99	50662.4	143354	50
00000S	-2725	534610.1	6312238	58246.2	99	50489.7	143426	60
00000S	-2737.5	534599.3	6312231	57817.2	99	50060.2	143502	60
00000S	-2750	534588.4	6312225	57893.4	99	50136.1	143546	60
00000S	-2762.5	534577.6	6312219	58220.7	99	50464.2	143734	70
00000S	-2775	534566.8	6312213	60119.1	99	52363.1	144018	80
00000S	-2787.5	534556	6312206	60663.6	99	52908.1	144234	60
00000S	-2800	534545.1	6312200	61145.4	69	53388.4	144302	60
00000S	-2812.5	534534.3	6312194	61706.8	99	53951.1	144338	40
00000S	-2825	534523.5	6312188	61010.1	99	53253.7	144414	40
00000S	-2837.5	534512.7	6312181	60729.4	99	52973	144450	40
00000S	-2850	534501.8	6312175	59703.6	99	51948.5	144542	75
00000S	-2862.5	534491	6312169	57682.2	99	49926.4	144714	120
00000S	-2875	534480.2	6312163	57494.4	99	49736	145130	140
00000S	-2887.5	534469.4	6312156	58214.5	99	50456.7	145210	90
00000S	-2900	534458.5	6312150	58256.4	99	50499.2	145250	220
00000S	-2912.5	534447.7	6312144	56733.5	99	48974.4	145330	180
00000S	-2925	534436.9	6312138	56873.8	99	49117.3	145410	150
00000S	-2937.5	534426.1	6312131	57221.2	99	49463.6	145434	70
00000S	-2950	534415.2	6312125	56143.2	99	48384.7	145458	70
00000S	-2962.5	534404.4	6312119	56117.8	99	48359.6	145526	70
00000S	-2975	534393.6	6312113	56141.5	99	48381.7	145550	160
00000S	-2987.5	534382.7	6312106	56105.6	99	48346.2	145622	90
00000S	-3000	534371.9	6312100	56103.7	99	48344.6	145706	60
00000S	-3012.5	534361.1	6312094	59007.8	79	51248.3	145738	110
00000S	-3025	534350.3	6312088	57218.3	99	49458	145802	90
00000S	-3037.5	534339.4	6312081	56742.2	99	48982	145838	100
00000S	-3050	534328.6	6312075	56430	99	48670.7	145858	90
00000S	-3062.5	534317.8	6312069	56260.8	99	48500.4	145918	60
00000S	-3075	534307	6312063	56162	99	48402.5	145946	60
00000S	-3087.5	534296.1	6312056	56084.5	99	48325.3	150042	50

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
00000S	-3100	534285.3	6312050	56141.3	99	48380.9	150118	60
00000S	-3112.5	534274.5	6312044	56093.8	99	48333.5	150146	60
00000S	-3125	534263.7	6312038	56093.2	99	48334.7	150218	60
00000S	-3137.5	534252.8	6312031	56101.3	99	48342.3	150238	60
00000S	-3150	534242	6312025	56092.1	99	48333.1	150318	60
00000S	-3162.5	534231.2	6312019	56089.3	99	48330	150430	60
00000S	-3175	534220.4	6312013	56056	99	48299.1	150546	85
00000S	-3187.5	534209.5	6312006	56084.5	99	48327.2	150610	60
00000S	-3200	534198.7	6312000	56156.9	99	48397.8	150634	40
01000N	2300	538461.9	6315616	56679.3	99	48948.1	220026	60
01000N	2287.5	538451	6315610	56681.9	99	48950.4	220154	62
01000N	2275	538440.2	6315604	56694.5	99	48963.3	220434	52
01000N	2262.5	538429.4	6315597	56723.7	99	48991.6	220526	46
01000N	2250	538418.6	6315591	56712	99	48979.7	220550	53
01000N	2237.5	538407.7	6315585	56845.1	99	49112.9	220638	74
01000N	2225	538396.9	6315579	56693.3	99	48961.3	220734	50
01000N	2212.5	538386.1	6315572	56727.3	99	48996.9	220810	52
01000N	2200	538375.3	6315566	56786	99	49055.6	220842	60
01000N	2187.5	538364.4	6315560	56704	99	48974.5	220922	54
01000N	2175	538353.6	6315554	56715.3	99	48985.1	221002	45
01000N	2162.5	538342.8	6315547	56739.5	99	49008.6	221030	42
01000N	2150	538332	6315541	56709.5	99	48978.4	221054	60
01000N	2137.5	538321.1	6315535	56759.9	99	49030.9	221118	62
01000N	2125	538310.3	6315529	56743.9	99	49012.9	221146	94
01000N	2112.5	538299.5	6315522	56735.6	99	49005.2	221234	83
01000N	2100	538288.7	6315516	56739	99	49008.7	221246	60
01000N	2087.5	538277.8	6315510	56742.1	99	49010.7	221302	66
01000N	2075	538267	6315504	56732.3	99	49001.7	221326	90
01000N	2062.5	538256.2	6315497	56766.3	99	49034.7	221350	42
01000N	2050	538245.4	6315491	56751.6	99	49022	221422	50
01000N	2037.5	538234.5	6315485	56764.5	99	49033.4	221446	46
01000N	2025	538223.7	6315479	56751.3	99	49020.9	221506	54
01000N	2012.5	538212.9	6315472	56721.4	99	48990.3	221522	48
01000N	2000	538202.1	6315466	56773.2	99	49041.2	221542	30
01000N	1987.5	538191.2	6315460	56863	99	49129.7	221558	30
01000N	1975	538180.4	6315454	56773.1	99	49042	221622	26
01000N	1962.5	538169.6	6315447	56739.7	99	49006.1	221642	53
01000N	1950	538158.7	6315441	56726.5	99	48991.8	221706	52
01000N	1937.5	538147.9	6315435	56763.7	99	49027.6	221738	41
01000N	1925	538137.1	6315429	56781.8	99	49047.8	221806	46
01000N	1912.5	538126.3	6315422	56765.3	99	49028.9	221834	54
01000N	1900	538115.4	6315416	56773.5	99	49038.3	221846	51
01000N	1887.5	538104.6	6315410	56776.1	99	49039.8	221902	62
01000N	1875	538093.8	6315404	56786	99	49051.1	221922	53
01000N	1862.5	538083	6315397	56824.7	99	49089.5	221938	48
01000N	1850	538072.1	6315391	56798.8	99	49063.1	221958	64
01000N	1837.5	538061.3	6315385	56774.7	99	49038.6	222026	61
01000N	1825	538050.5	6315379	56790.7	99	49055.7	222050	54
01000N	1812.5	538039.7	6315372	56754.1	99	49019.4	222118	82
01000N	1800	538028.8	6315366	56787.8	99	49052.7	222146	144
01000N	1787.5	538018	6315360	56808.8	99	49074.9	222218	132
01000N	1775	538007.2	6315354	56812.6	99	49079.5	222322	135
01000N	1762.5	537996.4	6315347	56805.5	99	49072.5	222346	142
01000N	1750	537985.5	6315341	56823	99	49089.9	222406	148
01000N	1737.5	537974.7	6315335	56811.7	99	49079.7	222454	206
01000N	1725	537963.9	6315329	56827.2	99	49095.6	222550	163
01000N	1712.5	537953.1	6315322	56818.4	99	49086.4	222606	123
01000N	1700	537942.2	6315316	56801.8	99	49072.4	222626	154
01000N	1687.5	537931.4	6315310	56825.8	99	49095	222654	138
01000N	1675	537920.6	6315304	56802.5	99	49070.3	222718	120
01000N	1662.5	537909.8	6315297	56811.3	99	49078.3	222742	98
01000N	1650	537898.9	6315291	56799.7	99	49065.7	222806	95
01000N	1637.5	537888.1	6315285	56805.7	99	49071.5	222830	104

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (n)T	Time (hhmmss)	CPS
01000N	1625	537877.3	6315279	56884.9	99	49150.1	222906	98
01000N	1612.5	537866.5	6315272	56832.1	99	49097.5	222946	120
01000N	1600	537855.6	6315266	56837	99	49100.3	223038	115
01000N	1587.5	537844.8	6315260	56838.6	99	49101.1	223102	120
01000N	1575	537834	6315254	56838.1	99	49101.2	223130	206
01000N	1562.5	537823.2	6315247	56837	99	49099.1	223202	190
01000N	1550	537812.3	6315241	56818.9	99	49081.3	223230	154
01000N	1537.5	537801.5	6315235	56890	99	49153	223250	160
01000N	1525	537790.7	6315229	56848.6	99	49112.9	223314	138
01000N	1512.5	537779.9	6315222	56842.3	99	49107.8	223334	128
01000N	1500	537769	6315216	56843.4	99	49110.5	223354	104
01000N	1487.5	537758.2	6315210	56865.1	99	49134.3	223414	93
01000N	1475	537747.4	6315204	56857.3	99	49127	223434	98
01000N	1462.5	537736.6	6315197	56826.7	99	49097.8	223450	138
01000N	1450	537725.7	6315191	56856.1	99	49127.8	223506	125
01000N	1437.5	537714.9	6315185	56884	99	49157.1	223526	104
01000N	1425	537704.1	6315179	56893.4	99	49164.5	223550	75
01000N	1412.5	537693.3	6315172	56811.1	99	49081.8	223614	72
01000N	1400	537682.4	6315166	56884.4	99	49154.2	223650	36
01000N	1325	537617.5	6315129	56897.8	99	49160.2	225402	64
01000N	1312.5	537606.7	6315122	56876.2	99	49138.3	225442	48
01000N	1300	537595.8	6315116	56963.7	99	49226.2	225510	80
01000N	1287.5	537585	6315110	56858.3	99	49121.4	225538	94
01000N	1275	537574.2	6315104	56857.4	99	49120.6	225602	110
01000N	1262.5	537563.4	6315097	56902.7	99	49164.7	225626	98
01000N	1250	537552.5	6315091	56888.3	99	49150.4	225646	120
01000N	1237.5	537541.7	6315085	56919.1	99	49181.8	225718	25
01000N	1225	537530.9	6315079	56889.8	99	49152.7	225754	116
01000N	1212.5	537520.1	6315072	56925.8	99	49188.9	225826	142
01000N	1200	537509.2	6315066	56903.6	99	49166.1	225854	98
01000N	1187.5	537498.4	6315060	56824.6	99	49088	225918	80
01000N	1175	537487.6	6315054	56980.9	99	49243.4	225954	117
01000N	1162.5	537476.8	6315047	56991.7	99	49253.6	230014	43
01000N	1150	537465.9	6315041	56830	99	49091.8	230038	34
01000N	1137.5	537455.1	6315035	56930.2	99	49191.5	230106	35
01000N	1125	537444.3	6315029	56936.2	99	49198	230134	45
01000N	1112.5	537433.5	6315022	56961.6	99	49222.6	230154	44
01000N	1100	537422.6	6315016	56856.8	99	49116.9	230222	66
01000N	1087.5	537411.8	6315010	56908.9	99	49169.2	230250	68
01000N	1075	537401	6315004	56895.8	99	49155.6	230326	70
01000N	1062.5	537390.2	6314997	56884.3	99	49144.3	230350	81
01000N	1050	537379.3	6314991	56860.4	99	49119.6	230414	76
01000N	1037.5	537368.5	6314985	56936.2	99	49195.4	230446	63
01000N	1025	537357.7	6314979	56879.6	99	49139.3	230522	72
01000N	1012.5	537346.9	6314972	56930.5	99	49190.9	230550	122
01000N	1000	537336	6314966	56872.3	99	49133.2	230622	115
01000N	987.5	537325.2	6314960	56859.9	99	49120.8	230642	133
01000N	975	537314.4	6314954	56856.6	99	49118.2	230706	53
01000N	962.5	537303.5	6314947	56919.6	99	49180.3	230726	58
01000N	950	537292.7	6314941	56861.7	99	49123.8	230742	50
01000N	937.5	537281.9	6314935	56905.8	99	49168	230802	75
01000N	925	537271.1	6314929	56945.9	99	49207.3	230830	83
01000N	912.5	537260.2	6314922	56920.6	99	49183.7	230846	76
01000N	900	537249.4	6314916	56936.5	99	49199.3	230902	112
01000N	887.5	537238.6	6314910	56851.1	99	49113.5	230926	78
01000N	875	537227.8	6314904	56849.6	99	49112.2	230958	138
01000N	862.5	537216.9	6314897	56794.7	99	49059	231014	94
01000N	850	537206.1	6314891	56915.4	99	49178.3	231038	100
01000N	837.5	537195.3	6314885	56952	99	49215.1	231058	93
01000N	825	537184.5	6314879	56856.9	99	49121.1	231122	73
01000N	812.5	537173.6	6314872	56856.1	99	49119.3	231154	98
01000N	800	537162.8	6314866	56784.8	99	49049.7	231218	79
01000N	787.5	537152	6314860	56858.2	99	49121.5	231254	60

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
01000N	775	537141.2	6314854	56809.9	99	49074	231318	87
01000N	762.5	537130.3	6314847	56876.2	99	49138.7	231338	85
01000N	750	537119.5	6314841	56787	99	49049.7	231358	84
01000N	737.5	537108.7	6314835	56769.9	99	49032.5	231422	99
01000N	725	537097.9	6314829	56847.4	99	49109.4	231450	104
01000N	712.5	537087	6314822	56815.5	99	49076.6	231510	90
01000N	700	537076.2	6314816	56755.3	99	49017.7	231526	98
01000N	687.5	537065.4	6314810	56752.9	99	49014.6	231554	97
01000N	675	537054.6	6314804	56913.7	99	49174.8	231654	144
01000N	662.5	537043.7	6314797	56828.3	99	49090.1	231714	121
01000N	650	537032.9	6314791	56943.5	99	49205.7	231738	194
01000N	637.5	537022.1	6314785	56977.7	99	49239.7	231826	115
01000N	625	537011.3	6314779	56938.7	99	49201.5	231854	112
01000N	612.5	537000.4	6314772	56895.2	99	49157.8	231914	104
01000N	600	536989.6	6314766	57057.5	99	49320.7	231942	126
01000N	587.5	536978.8	6314760	56988.2	99	49250.5	232022	211
01000N	575	536968	6314754	57025.5	99	49288.9	232102	314
01000N	562.5	536957.1	6314747	56999.2	99	49263.1	232118	137
01000N	550	536946.3	6314741	56990.2	99	49254.4	232130	114
01000N	537.5	536935.5	6314735	56958.3	99	49224	232146	161
01000N	525	536924.7	6314729	56749.1	99	49013.3	232226	123
01000N	512.5	536913.8	6314722	56883.3	99	49147.6	232250	112
01000N	500	536903	6314716	56904	99	49167.4	232322	124
01000N	487.5	536892.2	6314710	56976.8	99	49242.8	232346	109
01000N	475	536881.4	6314704	56495	99	48760.2	232410	124
01000N	462.5	536870.5	6314697	56789.2	99	49053.2	232442	131
01000N	450	536859.7	6314691	56815.4	99	49077.6	232518	124
01000N	437.5	536848.9	6314685	56781.6	99	49046.3	232546	90
01000N	425	536838.1	6314679	56582.8	99	48846	232610	86
01000N	412.5	536827.2	6314672	56664.2	99	48928.3	232650	84
01000N	400	536816.4	6314666	56677.4	99	48941	232738	107
01000N	387.5	536805.6	6314660	56658.1	99	48920.8	232802	86
01000N	375	536794.8	6314654	56679.9	99	48941.4	232830	73
01000N	362.5	536783.9	6314647	56662.8	99	48924.8	232850	68
01000N	350	536773.1	6314641	56635	99	48897.4	232922	76
01000N	337.5	536762.3	6314635	56478.2	99	48741	232946	94
01000N	325	536751.5	6314629	56445.3	99	48706.9	233006	53
01000N	312.5	536740.6	6314622	56715.4	99	48977.5	233022	38
01000N	300	536729.8	6314616	56731	99	48992.4	233050	42
01000N	287.5	536719	6314610	56716	99	48976	233114	35
01000N	275	536708.2	6314604	56829.3	99	49089.9	233214	20
01000N	262.5	536697.3	6314597	56974.7	99	49237.2	233358	25
01000N	250	536686.5	6314591	56978.3	99	49239.8	233414	24
01000N	237.5	536675.7	6314585	56952	99	49215.5	233506	26
01000N	225	536664.9	6314579	56801.7	99	49065.9	233546	35
01000N	212.5	536654	6314572	56694.7	99	48958.9	233610	67
01000N	200	536643.2	6314566	56711.4	99	48975.9	233638	86
01000N	187.5	536632.4	6314560	56718.9	99	48983	233706	72
01000N	175	536621.6	6314554	56722.9	99	48987.9	233730	76
01000N	162.5	536610.7	6314547	56665.3	99	48930.2	233750	70
01000N	150	536599.9	6314541	56603.1	99	48868.4	233806	86
01000N	137.5	536589.1	6314535	56718.7	99	48983.1	233854	78
01000N	125	536578.3	6314529	56866.3	99	49129.8	233922	80
01000N	112.5	536567.4	6314522	56727.7	99	48990.5	233942	82
01000N	100	536556.6	6314516	56693.6	99	48957.5	234002	73
01000N	87.5	536545.8	6314510	56705.2	99	48967.6	234030	97
01000N	75	536535	6314504	56485	99	48747.6	234138	128
01000N	62.5	536524.1	6314497	56488.2	99	48750.7	234202	120
01000N	50	536513.3	6314491	56355.1	99	48616.6	234246	121
01000N	37.5	536502.5	6314485	56391.7	99	48651.9	234342	143
01000N	25	536491.7	6314479	57370.7	99	49632.4	234414	148
01000N	12.5	536480.8	6314472	58142.5	99	50404.9	234442	103
01000N	0	536470	6314465	58414.7	99	50677.6	234502	102

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
01000N	-12.5	536459.2	6314460	59382.4	99	51644.1	2422	91
01000N	-25	536448.3	6314454	59005.2	99	51267.4	2446	111
01000N	-37.5	536437.5	6314447	58316.3	99	50578.1	2510	108
01000N	-50	536426.7	6314441	58395.4	99	50657.6	2534	98
01000N	-62.5	536415.9	6314435	58091.6	99	50354.1	2614	131
01000N	-75	536405	6314429	58959.9	99	51222.4	2646	138
01000N	-87.5	536394.2	6314422	59383.4	99	51646.2	2710	174
01000N	-100	536383.4	6314416	59669.1	99	51932.3	2742	246
01000N	-112.5	536372.6	6314410	59849.8	99	52110.1	2822	164
01000N	-125	536361.7	6314404	60477.2	99	52738.9	2858	130
01000N	-137.5	536350.9	6314397	59919.3	99	52180.4	2914	-
01000N	-150	536340.1	6314391	58302.8	99	50564	2934	136
01000N	-162.5	536329.3	6314385	57883.6	99	50144.5	3506	49
01000N	-175	536318.4	6314379	57250.7	99	49512.9	3534	138
01000N	-187.5	536307.6	6314372	57350.2	99	49611.8	3554	98
01000N	-200	536296.8	6314366	57351.8	99	49613.3	3618	148
01000N	-212.5	536286	6314360	57470.3	99	49732.4	3642	254
01000N	-225	536275.1	6314354	57026.2	99	49289.1	3706	192
01000N	-237.5	536264.3	6314347	56727.2	99	48989.2	3730	163
01000N	-250	536253.5	6314341	56649.5	99	48912.1	3746	129
01000N	-262.5	536242.7	6314335	56588.8	99	48851.5	3810	131
01000N	-275	536231.8	6314329	56581.3	99	48843.4	3830	199
01000N	-287.5	536221	6314322	56613.2	99	48875.6	3850	202
01000N	-300	536210.2	6314316	56654.7	99	48917	3910	117
01000N	-312.5	536199.4	6314310	56657.8	99	48921.4	3930	142
01000N	-325	536188.5	6314304	56689.3	99	48952.9	3954	134
01000N	-337.5	536177.7	6314297	56842.3	99	49106.5	4014	125
01000N	-350	536166.9	6314291	56652.6	99	48916.5	4034	128
01000N	-362.5	536156.1	6314285	56661	99	48924.2	4054	134
01000N	-375	536145.2	6314279	56614.2	99	48877.4	4114	106
01000N	-387.5	536134.4	6314272	56644.2	99	48907.3	4138	130
01000N	-400	536123.6	6314266	56717.4	99	48980.4	4202	125
01000N	-412.5	536112.8	6314260	56653.2	99	48916.9	4222	98
01000N	-425	536101.9	6314254	56651.4	99	48914	4246	98
01000N	-437.5	536091.1	6314247	56635.9	99	48897.8	4306	112
01000N	-450	536080.3	6314241	56630.6	99	48893.1	4330	177
01000N	-462.5	536069.5	6314235	56624.1	99	48887.3	4402	229
01000N	-475	536058.6	6314229	56775.1	99	49036.8	4426	138
01000N	-487.5	536047.8	6314222	56860.4	99	49122.7	4450	150
01000N	-500	536037	6314216	56964	99	49225.2	4514	220
01000N	-512.5	536026.2	6314210	56631.8	99	48894.5	4538	200
01000N	-525	536015.3	6314204	56611.1	99	48873.9	4602	360
01000N	-537.5	536004.5	6314197	56571.6	99	48833.1	4630	238
01000N	-550	535993.7	6314191	56568.2	99	48830	4658	364
01000N	-562.5	535982.9	6314185	56571	99	48832.5	4718	190
01000N	-575	535972	6314179	56575.8	99	48838	4746	163
01000N	-587.5	535961.2	6314172	56580.3	99	48843.3	4802	125
01000N	-600	535950.4	6314166	57176.5	99	49437.1	4822	108
01000N	-612.5	535939.6	6314160	56870.7	99	49132.6	4854	199
01000N	-625	535928.7	6314154	56973.1	99	49234.1	4930	210
01000N	-637.5	535917.9	6314147	57586	99	49848.6	5002	200
01000N	-650	535907.1	6314141	57478.4	99	49739.7	5046	450
01000N	-662.5	535896.3	6314135	56923.3	99	49184.7	5114	230
01000N	-675	535885.4	6314129	56768.4	99	49031.4	5142	263
01000N	-687.5	535874.6	6314122	56853.9	99	49115.6	5206	202
01000N	-700	535863.8	6314116	56956.4	99	49216.8	5234	333
01000N	-712.5	535853	6314110	56945.4	99	49207.3	5302	188
01000N	-725	535842.1	6314104	57058.4	99	49320	5330	229
01000N	-737.5	535831.3	6314097	57295.1	99	49556.3	5430	148
01000N	-750	535820.5	6314091	57605.6	99	49867.5	5502	111
01000N	-762.5	535809.7	6314085	57152.6	99	49413.9	5534	145
01000N	-775	535798.8	6314079	56740.8	99	49004.4	5818	138
01000N	-787.5	535788	6314072	56780.9	99	49044.1	5910	248

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
01000N	-800	535777.2	6314066	56734.3	99	48997.7	5946	250
01000N	-812.5	535766.4	6314060	56725.7	99	48988.4	10002	215
01000N	-825	535755.5	6314054	56767.7	99	49030.9	10022	246
01000N	-837.5	535744.7	6314047	56781.1	99	49043.7	10046	300
01000N	-850	535733.9	6314041	56746.3	99	49008.5	10106	195
01000N	-862.5	535723.1	6314035	56789.9	99	49050.6	10126	209
01000N	-875	535712.2	6314029	56762.1	99	49023	10154	215
01000N	-887.5	535701.4	6314022	56720.6	99	48980.3	10222	205
01000N	-900	535690.6	6314016	56770.8	99	49031.5	10250	198
01000N	-912.5	535679.8	6314010	56792.1	99	49051.3	10314	275
01000N	-925	535668.9	6314004	56802	99	49061.3	10402	273
01000N	-937.5	535658.1	6313997	56793.3	99	49051.8	10434	247
01000N	-950	535647.3	6313991	56777.8	99	49037.3	10506	362
01000N	-962.5	535636.5	6313985	56747.4	99	49007.4	10530	1251
01000N	-975	535625.6	6313979	56884.2	99	49142	10602	1950
01000N	-987.5	535614.8	6313972	56896.4	99	49155.4	10626	372
01000N	-1000	535604	6313966	56816.4	99	49075.9	10654	321
01000N	-1012.5	535593.1	6313960	56816.2	99	49077	10722	290
01000N	-1025	535582.3	6313954	56836.2	99	49096.8	10814	239
01000N	-1037.5	535571.5	6313947	56834	99	49095.1	10922	310
01000N	-1050	535560.7	6313941	56815.8	99	49077.4	10954	455
01000N	-1062.5	535549.8	6313935	56790.1	99	49050.5	11026	222
01000N	-1075	535539	6313929	56792.9	99	49053.4	11102	286
01000N	-1087.5	535528.2	6313922	56816.2	99	49077.1	11130	364
01000N	-1100	535517.4	6313916	56809	99	49069.4	11202	268
01000N	-1112.5	535506.5	6313910	56785.3	99	49045	11234	255
01000N	-1125	535495.7	6313904	56771.4	99	49030.7	11258	304
01000N	-1137.5	535484.9	6313897	56725.8	99	48984.9	11322	246
01000N	-1150	535474.1	6313891	56753.3	99	49012.3	11346	248
01000N	-1250	535387.5	6313841	56786.7	99	49046.2	12010	188
01000N	-1262.5	535376.6	6313835	56877.1	99	49137.1	12038	275
01000N	-1275	535365.8	6313829	56909	99	49167.5	12106	232
01000N	-1287.5	535355	6313822	56900.5	99	49159	12130	420
01000N	-1300	535344.2	6313816	56870.5	99	49128.6	12150	386
01000N	-1312.5	535333.3	6313810	57033.1	99	49291.6	12222	480
01000N	-1325	535322.5	6313804	56907.3	99	49165.5	12250	295
01000N	-1337.5	535311.7	6313797	56899.1	99	49156.5	12310	331
01000N	-1350	535300.9	6313791	56891.2	99	49149.2	12330	300
01000N	-1362.5	535290	6313785	56970.5	99	49228.3	12350	308
01000N	-1375	535279.2	6313779	56940.4	99	49197.3	12422	238
01000N	-1387.5	535268.4	6313772	56951.3	99	49208.2	12446	233
01000N	-1400	535257.6	6313766	57175.6	99	49433.3	12514	425
01000N	-1700	534997.8	6313616	57792.8	99	50045.2	30706	154
01000N	-1712.5	534986.9	6313610	58042.9	99	50296.6	30722	300
01000N	-1725	534976.1	6313604	58525.3	99	50777.6	30746	277
01000N	-1737.5	534965.3	6313597	59030.1	99	51282.7	30802	300
01000N	-1750	534954.5	6313591	59110.2	99	51361.9	30818	328
01000N	-1762.5	534943.6	6313585	58605.6	99	50857	30834	315
01000N	-1775	534932.8	6313579	58081.3	99	50334.4	30854	312
01000N	-1787.5	534922	6313572	57799	99	50052.9	30914	348
01000N	-1800	534911.2	6313566	58411.8	99	50664.8	30930	305
01000N	-1812.5	534900.3	6313560	57915.5	99	50168.1	30946	395
01000N	-1825	534889.5	6313554	58118.4	99	50370.9	31002	524
01000N	-1837.5	534878.7	6313547	58067.9	99	50320.9	31022	335
01000N	-1850	534867.9	6313541	58027.2	99	50281.1	31034	490
01000N	-1862.5	534857	6313535	58322.6	99	50577.3	31050	380
01000N	-1875	534846.2	6313529	57794.7	99	50050.9	31106	530
01000N	-1887.5	534835.4	6313522	58540	99	50791.9	31126	320
01000N	-1900	534824.6	6313516	58669.9	99	50926.1	31142	285
01000N	-1912.5	534813.7	6313510	58508.9	99	50763.2	31202	315
01000N	-1925	534802.9	6313504	58029.7	99	50284	31222	336
01000N	-1937.5	534792.1	6313497	58398.3	99	50653.3	31242	415
01000N	-1950	534781.3	6313491	57802.7	99	50056.6	31310	304

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
01000N	-1962.5	534770.4	6313485	56974.8	99	49229.6	31354	320
01000N	-1975	534759.6	6313479	57186.9	99	49439.7	31414	281
01000N	-1987.5	534748.8	6313472	57905.4	99	50158.6	31438	215
01000N	-2000	534737.9	6313466	57765.5	99	50017	31458	460
01000N	-2012.5	534727.1	6313460	57375.6	99	49628.6	31522	100
01000N	-2025	534716.3	6313454	57487.1	99	49739.2	31550	354
01000N	-2037.5	534705.5	6313447	57561.1	99	49814.1	31610	221
01000N	-2050	534694.6	6313441	56970.3	99	49221.5	31630	245
01000N	-2062.5	534683.8	6313435	57017.7	99	49269.9	31646	132
01000N	-2075	534673	6313429	57139.2	99	49391.5	31706	104
01000N	-2087.5	534662.2	6313422	57089.9	99	49342	31726	143
01000N	-2100	534651.3	6313416	57647.8	99	49900	31750	108
01000N	-2112.5	534640.5	6313410	57653	99	49906.6	31810	74
01000N	-2125	534629.7	6313404	58267.9	99	50520.3	31830	90
01000N	-2137.5	534618.9	6313397	57998.5	99	50251.9	31846	111
01000N	-2150	534608	6313391	58524.3	99	50778.1	31902	96
01000N	-2162.5	534597.2	6313385	58277	99	50529.6	31918	82
01000N	-2175	534586.4	6313379	58840.1	99	51091.7	31934	84
01000N	-2187.5	534575.6	6313372	58492.1	89	50745.2	31950	64
01000N	-2200	534564.7	6313366	58844.1	99	51097.9	32006	62
01000N	-2212.5	534553.9	6313360	58979.2	99	51231.2	32022	76
01000N	-2225	534543.1	6313354	59497.5	99	51750.3	32246	51
01000N	-2237.5	534532.3	6313347	58771	99	51025.8	32314	54
01000N	-2250	534521.4	6313341	59778.9	99	52032.7	32346	56
01000N	-2262.5	534510.6	6313335	60237.8	99	52492.7	32418	52
01000N	-2275	534499.8	6313329	60107.5	99	52360.6	32438	64
01000N	-2287.5	534489	6313322	59506.4	99	51759.7	32458	47
01000N	-2300	534478.1	6313316	60945	99	53198.1	32514	53
01000N	-2312.5	534467.3	6313310	59419.1	99	51672.4	32538	50
01000N	-2325	534456.5	6313304	58782	69	51034.8	32558	56
01000N	-2337.5	534445.7	6313297	57797.6	99	50050.5	32618	62
01000N	-2350	534434.8	6313291	57747	99	49998.2	32638	53
01000N	-2362.5	534424	6313285	60666.2	99	52918.9	32710	44
01000N	-2375	534413.2	6313279	60864.6	99	53117.3	32734	62
01000N	-2387.5	534402.4	6313272	61902.6	59	54153.3	32754	66
01000N	-2400	534391.5	6313266	60277.8	99	52529	32814	58
01000N	-2412.5	534380.7	6313260	58643	99	50894.5	32834	30
01000N	-2425	534369.9	6313254	59636.7	99	51887	32850	25
01000N	-2437.5	534359.1	6313247	58914.3	99	51166	32906	20
01000N	-2450	534348.2	6313241	60226.4	99	52478.4	33042	22
01000N	-2462.5	534337.4	6313235	59465.4	99	51717.9	33058	26
01000N	-2475	534326.6	6313229	58716	89	50967.6	33122	25
01000N	-2487.5	534315.8	6313222	60002	69	52254	33146	70
01000N	-2500	534304.9	6313216	61377.3	89	53628.5	33202	50
01000N	-2512.5	534294.1	6313210	61352.6	99	53604.2	33230	55
01000N	-2525	534283.3	6313204	58684.8	99	50937.2	33254	66
01000N	-2537.5	534272.5	6313197	59116.7	99	51369	33330	71
01000N	-2550	534261.6	6313191	58298.6	99	50551.1	33354	94
01000N	-2562.5	534250.8	6313185	58440.7	99	50693.1	33418	92
01000N	-2575	534240	6313179	58317.9	99	50570.8	33446	90
01000N	-2587.5	534229.2	6313172	58053.6	99	50306.2	33510	77
01000N	-2600	534218.3	6313166	57578.4	99	49830.7	33550	83
01000N	-2612.5	534207.5	6313160	57835.8	99	50089.1	33614	65
01000N	-2625	534196.7	6313154	58597.6	99	50850.6	33638	71
01000N	-2637.5	534185.9	6313147	59610.1	99	51861.5	33658	52
01000N	-2650	534175	6313141	60266	99	52518.8	33718	73
01000N	-2662.5	534164.2	6313135	60770.6	99	53024	33738	64
01000N	-2675	534153.4	6313129	60054.5	99	52308.3	33802	85
01000N	-2687.5	534142.6	6313122	61242.6	99	53494	33822	84
01000N	-2700	534131.7	6313116	61025.9	99	53278.3	33842	79
01000N	-2712.5	534120.9	6313110	60577.7	99	52829.7	33902	68
01000N	-2725	534110.1	6313104	61847.9	89	54099.4	33930	99
01000N	-2737.5	534099.3	6313097	62811.9	59	55064.8	33958	86



Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
01000N	-2750	534088.4	6313091	60169.5	79	52422.5	34022	206
01000N	-2762.5	534077.6	6313085	59046.8	99	51299.9	34050	275
01000N	-2775	534066.8	6313079	60210.2	69	52463.7	34110	130
01000N	-2787.5	534056	6313072	57879.4	99	50133.6	34138	156
01000N	-2800	534045.1	6313066	59912	69	52166.4	34158	162
01000N	-2812.5	534034.3	6313060	59166.1	99	51419.6	34218	161
01000N	-2825	534023.5	6313054	57128.3	99	49381.2	34242	168
01000N	-2837.5	534012.7	6313047	56128.6	99	48382.2	34310	262
01000N	-2850	534001.8	6313041	55910.3	99	48164.4	34334	240
01000N	-2862.5	533991	6313035	56150.6	99	48404.1	34354	131
01000N	-2875	533980.2	6313029	56180.2	99	48433.8	34422	136
01000N	-2887.5	533969.4	6313022	57258.2	99	49510.3	35150	154
01000N	-2900	533958.5	6313016	56848.1	99	49101.8	35206	133
01000N	-2912.5	533947.7	6313010	56383.7	99	48637.8	35230	92
01000N	-2925	533936.9	6313004	56255.5	99	48509.3	35254	104
01000N	-2937.5	533926.1	6312997	56356.7	99	48608.8	35314	90
01000N	-2950	533915.2	6312991	56506.5	99	48759.1	35338	98
02000N	1087.5	536911.8	6315876	56880.8	99	49142	233430	91
02000N	1075	536901	6315870	56890.1	99	49152.4	233802	82
02000N	1062.5	536890.2	6315863	56960.2	99	49221.1	233830	75
02000N	1050	536879.3	6315857	56903.6	99	49165.3	233850	65
02000N	1037.5	536868.5	6315851	56933.6	99	49195.4	233902	140
02000N	1025	536857.7	6315845	56929	99	49191.1	233918	94
02000N	1012.5	536846.9	6315838	56946.3	99	49207	233938	85
02000N	1000	536836	6315832	57031.7	99	49293.8	234006	120
02000N	987.5	536825.2	6315826	56900.9	99	49162	234034	95
02000N	975	536814.4	6315820	56972.1	99	49232.8	234058	110
02000N	962.5	536803.5	6315813	56878.6	99	49140.8	234122	85
02000N	950	536792.7	6315807	57029.4	99	49291.6	234326	200
02000N	937.5	536781.9	6315801	56980.1	99	49239.5	234402	315
02000N	925	536771.1	6315795	56940.8	99	49202.1	234522	280
02000N	912.5	536760.2	6315788	56951.5	99	49211.5	234558	200
02000N	900	536749.4	6315782	57181.4	99	49442.1	234650	180
02000N	887.5	536738.6	6315776	56959.5	99	49219.5	234830	184
02000N	875	536727.8	6315770	57048	99	49307.9	234930	150
02000N	862.5	536716.9	6315763	57123.5	99	49384.9	235118	120
02000N	850	536706.1	6315757	57001.4	99	49261.8	235230	100
02000N	837.5	536695.3	6315751	57044.1	99	49304.5	235310	160
02000N	825	536684.5	6315745	57023.2	99	49284.8	235410	60
02000N	812.5	536673.6	6315738	57020.3	99	49280.1	235454	80
02000N	800	536662.8	6315732	56988.4	99	49248.3	235546	90
02000N	787.5	536652	6315726	56993.3	99	49252.8	235634	70
02000N	775	536641.2	6315720	57078.8	99	49338.7	235834	90
02000N	762.5	536630.3	6315713	57094.1	99	49353.6	235922	100
02000N	750	536619.5	6315707	57097.1	99	49356.1	10	120
02000N	650	536532.9	6315657	56983.3	99	49242.3	734	70
02000N	637.5	536522.1	6315651	57145.2	99	49404.8	802	60
02000N	625	536511.3	6315645	57198.5	99	49456.8	1114	100
02000N	612.5	536500.4	6315638	57156.8	99	49415.2	1146	140
02000N	600	536489.6	6315632	57094	99	49352.7	2734	130
02000N	587.5	536478.8	6315626	57166.2	99	49423.4	2818	70
02000N	575	536468	6315620	57155.9	99	49413.6	3022	125
02000N	562.5	536457.1	6315613	57143	99	49401.2	3122	140
02000N	550	536446.3	6315607	57112.1	99	49371	3158	120
02000N	537.5	536435.5	6315601	57093.1	99	49351.2	3318	130
02000N	525	536424.7	6315595	57166.7	99	49425.3	3414	85
02000N	512.5	536413.8	6315588	57089.3	99	49348	3506	150
02000N	500	536403	6315582	57073.5	99	49332.3	3654	90
02000N	487.5	536392.2	6315576	57105.1	99	49364.7	3750	85
02000N	475	536381.4	6315570	57127.2	99	49387.3	3902	90
02000N	462.5	536370.5	6315563	57156.5	99	49414.7	4202	90
02000N	450	536359.7	6315557	57072.4	99	49329.9	4418	100
02000N	437.5	536348.9	6315551	57038.4	99	49295.7	4610	95

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000N	425	536338.1	6315545	57721.1	59	49980.5	4822	90
02000N	412.5	536327.2	6315538	56547.2	99	48805.1	4854	180
02000N	400	536316.4	6315532	58183.4	99	50442.3	5038	110
02000N	387.5	536305.6	6315526	58379.6	99	50638.6	5158	120
02000N	375	536294.8	6315520	57301.6	99	49560.9	5414	90
02000N	362.5	536283.9	6315513	57121.5	99	49380.8	5442	130
02000N	350	536273.1	6315507	57172.1	99	49431.9	11014	80
02000N	337.5	536262.3	6315501	57445.4	99	49705.4	11346	160
02000N	325	536251.5	6315495	57573.9	99	49835.6	11422	110
02000N	312.5	536240.6	6315488	57284.3	99	49545	11458	100
02000N	300	536229.8	6315482	57938.5	69	50200.1	11538	90
02000N	287.5	536219	6315476	57683.8	99	49943.9	11634	110
02000N	275	536208.2	6315470	57482	99	49743	11714	90
02000N	262.5	536197.3	6315463	57312.4	99	49574.5	11802	110
02000N	250	536186.5	6315457	57214.7	99	49475	11906	100
02000N	237.5	536175.7	6315451	57232.7	99	49491.6	14358	110
02000N	225	536164.9	6315445	57438.3	99	49696.2	14430	90
02000N	212.5	536154	6315438	57701.1	99	49959.2	14454	100
02000N	200	536143.2	6315432	57591.6	99	49849.6	14522	160
02000N	187.5	536132.4	6315426	57658.3	99	49916.1	14738	90
02000N	175	536121.6	6315420	57017.3	99	49275.3	14814	60
02000N	162.5	536110.7	6315413	56913.7	99	49171.1	15310	50
02000N	150	536099.9	6315407	56881.9	99	49140.7	15334	40
02000N	137.5	536089.1	6315401	56971.3	99	49229.2	15354	40
02000N	125	536078.3	6315395	56991.4	99	49249	15418	50
02000N	112.5	536067.4	6315388	57208.9	99	49467	15502	95
02000N	100	536056.6	6315382	57196.6	99	49454.3	15534	130
02000N	87.5	536045.8	6315376	57007.8	99	49264.6	15622	100
02000N	75	536035	6315370	56903	99	49160.5	15702	110
02000N	62.5	536024.1	6315363	56967.3	99	49225.2	15734	140
02000N	50	536013.3	6315357	56846.5	99	49103.4	15802	100
02000N	37.5	536002.5	6315351	56788.4	99	49045.3	15830	130
02000N	25	535991.7	6315345	57398.1	99	49655.5	15858	125
02000N	12.5	535980.8	6315338	56987.4	99	49245.8	20246	130
02000N	0	535970	6315332	56948.5	99	49206.1	20310	110
02000N	-12.5	535959.2	6315326	56879	99	49136.9	20334	220
02000N	-25	535948.3	6315320	56906.1	99	49163.4	20354	130
02000N	-37.5	535937.5	6315313	56925.7	99	49183.4	20418	130
02000N	-50	535926.7	6315307	56897.7	99	49155.7	20450	150
02000N	-62.5	535915.9	6315301	56951.8	99	49209.4	20518	200
02000N	-75	535905	6315295	57047.2	99	49305.4	20546	150
02000N	-87.5	535894.2	6315288	57029.9	99	49287	20618	145
02000N	-100	535883.4	6315282	57030.4	99	49287.7	20638	140
02000N	-112.5	535872.6	6315276	56668.4	99	48925.1	20702	150
02000N	-125	535861.7	6315270	57140.4	99	49397.8	20742	100
02000N	-137.5	535850.9	6315263	57424.7	99	49682.4	20826	100
02000N	-150	535840.1	6315257	57328.4	99	49586.1	20946	90
02000N	-162.5	535829.3	6315251	57401.9	99	49658.6	21026	100
02000N	-175	535818.4	6315245	58231.8	99	50489.5	21058	120
02000N	-187.5	535807.6	6315238	58278.7	99	50536.3	21130	100
02000N	-200	535796.8	6315232	58054.6	99	50312.4	21154	110
02000N	-212.5	535786	6315226	57849.5	99	50107.7	21214	110
02000N	-237.5	535764.3	6315213	57257.7	99	49514.5	21306	200
02000N	-250	535753.5	6315207	56829.9	99	49087.3	21334	140
02000N	-262.5	535742.7	6315201	56884.2	99	49141.3	21430	150
02000N	-275	535731.8	6315195	57112.7	99	49370	21506	150
02000N	-287.5	535721	6315188	57492.8	99	49751.5	21530	-
02000N	-300	535710.2	6315182	57966.7	99	50224.1	21558	120
02000N	-312.5	535699.4	6315176	59098.1	99	51355.9	21634	80
02000N	-325	535688.5	6315170	59384.4	99	51641.9	21722	100
02000N	-337.5	535677.7	6315163	60857.3	99	53114.2	21854	200
02000N	-350	535666.9	6315157	61098.4	99	53355.8	22122	130
02000N	-362.5	535656.1	6315151	60857.7	99	53114.8	22210	140

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
02000N	-375	535645.2	6315145	59055.9	99	51313.8	22730	200
02000N	-387.5	535634.4	6315138	57584.6	99	49842.1	22758	150
02000N	-400	535623.6	6315132	56931.4	99	49189.4	23442	145
02000N	-412.5	535612.8	6315126	56670.2	99	48928.5	23506	150
02000N	-425	535601.9	6315120	56619.4	99	48876.2	23618	140
02000N	-437.5	535591.1	6315113	56608.5	99	48865.2	23702	180
02000N	-450	535580.3	6315107	56560.9	99	48818	23750	200
02000N	-462.5	535569.5	6315101	56617.1	99	48873.5	23914	190
02000N	-475	535558.6	6315095	56679.3	99	48936.2	24014	140
02000N	-487.5	535547.8	6315088	56722.7	99	48979.3	24054	120
02000N	-500	535537	6315082	56743.8	99	49001.2	24150	140
02000N	-512.5	535526.2	6315076	56848.3	99	49105.9	24222	120
02000N	-525	535515.3	6315070	56971.5	99	49229	24406	130
02000N	-537.5	535504.5	6315063	56866.1	99	49124.4	24438	110
02000N	-550	535493.7	6315057	56841.5	99	49099.8	24658	400
02000N	-562.5	535482.9	6315051	56795.8	99	49052.8	24754	200
02000N	-575	535472	6315045	56896.9	99	49154.3	24910	160
02000N	-587.5	535461.2	6315038	56899.4	99	49156.1	24950	120
02000N	-600	535450.4	6315032	56971.8	99	49229	25154	130
02000N	-612.5	535439.6	6315026	57020.6	99	49277.7	25230	200
02000N	-625	535428.7	6315020	56975.4	99	49232.5	25306	190
02000N	-637.5	535417.9	6315013	57006.4	99	49263.3	25346	160
02000N	-650	535407.1	6315007	57011.4	99	49269.2	25430	400
02000N	-662.5	535396.3	6315001	57061.6	99	49321.1	25546	170
02000N	-675	535385.4	6314995	57125	99	49383.1	25926	230
02000N	-687.5	535374.6	6314988	57113.1	99	49371.5	30002	200
02000N	-700	535363.8	6314982	57138.7	99	49395.6	30114	200
02000N	-712.5	535353	6314976	57105	99	49361.7	30142	140
02000N	-725	535342.1	6314970	56987.4	99	49246.7	30242	180
02000N	-737.5	535331.3	6314963	56964	99	49222.5	30310	160
02000N	-750	535320.5	6314957	56957.9	99	49216.5	30558	230
02000N	-762.5	535309.7	6314951	56952.2	99	49211.3	30638	170
02000N	-775	535298.8	6314945	57202.8	99	49463.2	30750	340
02000N	-787.5	535288	6314938	57329.7	99	49586.8	30842	230
02000N	-800	535277.2	6314932	57282.3	99	49538.5	31026	240
02000N	-812.5	535266.4	6314926	56970.8	99	49227.2	31130	210
02000N	-825	535255.5	6314920	56578.7	99	48836.6	31242	250
02000N	-837.5	535244.7	6314913	56490.1	99	48747.2	31318	180
02000N	-850	535233.9	6314907	56508.3	99	48766.5	31346	150
02000N	-862.5	535223.1	6314901	56849.6	99	49108.6	31414	130
02000N	-875	535212.2	6314895	56573.6	99	48831.5	31442	200
02000N	-887.5	535201.4	6314888	56519.5	99	48778.4	31522	150
02000N	-900	535190.6	6314882	56517.5	99	48776	31546	180
02000N	-912.5	535179.8	6314876	56677.3	99	48935	31630	200
02000N	-925	535168.9	6314870	56678	99	48937.7	31658	400
02000N	-937.5	535158.1	6314863	57275.2	99	49533.3	31714	770
02000N	-950	535147.3	6314857	57232.8	99	49491.4	31730	480
02000N	-962.5	535136.5	6314851	56346	99	48603.1	31750	220
02000N	-975	535125.6	6314845	56524.4	99	48782.8	31810	360
02000N	-987.5	535114.8	6314838	56575.7	99	48834.9	31826	400
02000N	-1000	535104	6314832	56662.5	99	48920.5	31850	200
02000N	-1012.5	535093.1	6314826	56735.1	99	48995	32006	250
02000N	-1025	535082.3	6314820	56849.4	99	49108.5	32026	500
02000N	-1037.5	535071.5	6314813	57022.8	99	49280.5	32050	240
02000N	-1050	535060.7	6314807	57141.6	99	49400.8	32114	310
02000N	-1062.5	535049.8	6314801	57127.8	99	49385.4	32134	280
02000N	-1075	535039	6314795	57080	99	49338.2	32158	270
02000N	-1087.5	535028.2	6314788	57184.6	99	49441.9	32218	440
02000N	-1100	535017.4	6314782	57355.6	99	49614.3	32242	300
02000N	-1112.5	535006.5	6314776	57549.1	99	49805.6	32306	260
02000N	-1125	534995.7	6314770	57893.1	99	50152	32326	270
02000N	-1137.5	534984.9	6314763	57836	99	50094.6	32350	100
02000N	-1150	534974.1	6314757	58298.2	99	50554.9	32418	200

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000N	-1162.5	534963.2	6314751	58671.6	99	50930	32442	220
02000N	-1175	534952.4	6314745	58219.2	99	50476.2	32506	200
02000N	-1187.5	534941.6	6314738	57418.5	99	49677	32606	210
02000N	-1200	534930.8	6314732	57166.1	99	49424	32630	240
02000N	-1212.5	534919.9	6314726	57081.1	99	49338.7	32654	210
02000N	-1225	534909.1	6314720	57457.6	99	49715.3	32910	140
02000N	-1237.5	534898.3	6314713	57541.4	99	49799.3	33026	250
02000N	-1250	534887.5	6314707	57221.7	99	49480.8	33234	200
02000N	-1262.5	534876.6	6314701	57218.4	99	49476.6	33330	220
02000N	-1275	534865.8	6314695	57681.9	99	49940.5	33402	200
02000N	-1287.5	534855	6314688	58264.7	99	50525.7	33446	210
02000N	-1300	534844.2	6314682	58130.8	99	50388.1	33618	230
02000N	-1312.5	534833.3	6314676	57619.7	99	49879	33834	220
02000N	-1325	534822.5	6314670	57017.8	99	49275.1	33902	150
02000N	-1337.5	534811.7	6314663	56895.8	99	49153.7	33922	180
02000N	-1350	534800.9	6314657	57833.5	99	50091.1	33946	160
02000N	-1362.5	534790	6314651	57882.5	99	50138.9	34014	230
02000N	-1375	534779.2	6314645	56770.5	99	49028.2	34110	160
02000N	-1387.5	534768.4	6314638	56144.1	99	48400.8	34146	140
02000N	-1400	534757.6	6314632	57247.7	99	49507.2	34206	150
02000N	-1412.5	534746.7	6314626	56749.6	99	49008.2	35010	130
02000N	-1425	534735.9	6314620	57794.5	99	50050.2	35038	130
02000N	-1437.5	534725.1	6314613	56661.1	99	48916.4	35902	160
02000N	-1450	534714.3	6314607	57151	99	49406.7	35918	230
02000N	-1462.5	534703.4	6314601	56845.5	99	49101.8	35934	200
02000N	-1475	534692.6	6314595	58199	99	50454.8	35954	170
02000N	-1487.5	534681.8	6314588	56937.7	99	49194.6	40018	240
02000N	-1500	534671	6314582	56904.5	99	49160.3	40042	190
02000N	-1512.5	534660.1	6314576	57361	99	49617	40058	170
02000N	-1525	534649.3	6314570	56913.8	99	49170.2	40122	240
02000N	-1537.5	534638.5	6314563	56703.6	99	48959.1	40142	200
02000N	-1550	534627.7	6314557	57632.5	99	49888.9	40158	230
02000N	-1562.5	534616.8	6314551	57146.7	99	49402.4	40218	290
02000N	-1575	534606	6314545	56859.6	99	49115.9	40238	210
02000N	-1587.5	534595.2	6314538	56742.4	99	49000.1	40302	220
02000N	-1600	534584.4	6314532	57166.5	99	49423.7	40322	230
02000N	-1612.5	534573.5	6314526	56988.4	99	49245.4	40342	380
02000N	-1625	534562.7	6314520	56299.4	99	48556.5	40402	190
02000N	-1637.5	534551.9	6314513	55891.1	99	48148.1	40426	150
02000N	-1650	534541.1	6314507	56829.3	99	49085.3	40502	140
02000N	-1662.5	534530.2	6314501	57339.6	99	49598	40522	130
02000N	-1675	534519.4	6314495	57191.1	99	49448.7	40558	120
02000N	-1687.5	534508.6	6314488	56801.9	99	49059	40622	150
02000N	-1700	534497.8	6314482	56694	99	48952.7	41318	250
02000N	-1712.5	534486.9	6314476	56534.3	99	48791.4	41514	210
02000N	-1725	534476.1	6314470	57790.3	99	50047.4	41638	300
02000N	-1737.5	534465.3	6314463	57806.5	99	50063.6	41710	480
02000N	-1750	534454.5	6314457	57756.4	99	50014.2	41746	210
02000N	-1762.5	534443.6	6314451	57542.6	99	49799.4	41842	120
02000N	-1775	534432.8	6314445	57580.3	99	49835.8	41930	160
02000N	-1787.5	534422	6314438	57472.8	99	49729.3	42002	130
02000N	-1800	534411.2	6314432	57419.9	99	49675.6	42046	180
02000N	-1812.5	534400.3	6314426	56710.9	99	48967.4	42214	100
02000N	-1825	534389.5	6314420	57049.1	99	49305.6	42254	100
02000N	-1837.5	534378.7	6314413	57143.4	99	49399.8	42342	130
02000N	-1850	534367.9	6314407	56678.6	99	48935.9	42526	70
02000N	-1862.5	534357	6314401	56315.9	99	48572.9	42638	100
02000N	-1875	534346.2	6314395	56530.7	99	48789.4	42722	100
02000N	-1887.5	534335.4	6314388	56119.8	99	48375.6	42806	80
02000N	-1900	534324.6	6314382	56481.1	99	48736.6	42850	90
02000N	-1912.5	534313.7	6314376	56438.1	99	48693.8	43006	90
02000N	-1925	534302.9	6314370	56218.7	99	48473.2	43050	85
02000N	-1937.5	534292.1	6314363	56587.8	99	48843.7	43134	70

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
02000N	-1950	534281.3	6314357	57044.9	99	49299.6	43606	75
02000N	-1962.5	534270.4	6314351	56640.3	99	48896.9	43630	80
02000N	-1975	534259.6	6314345	57164.9	99	49419.7	43754	90
02000N	-1987.5	534248.8	6314338	58389.2	99	50644.9	43818	70
02000N	-2000	534237.9	6314332	58738.5	99	50994	43846	80
02000N	-2012.5	534227.1	6314326	58117.3	99	50373.1	43934	70
02000N	-2025	534216.3	6314320	56244.7	99	48501.6	44054	90
02000N	-2037.5	534205.5	6314313	56606	99	48862.3	44122	80
02000N	-2050	534194.6	6314307	57314.4	99	49570.8	44150	60
02000N	-2062.5	534183.8	6314301	58087.1	99	50341.3	44254	90
02000N	-2075	534173	6314295	57640.1	99	49894.9	44318	60
02000N	-2087.5	534162.2	6314288	57325.4	99	49581.4	44338	70
02000N	-2100	534151.3	6314282	57174.7	99	49431.2	44358	70
02000N	-2112.5	534140.5	6314276	57467.4	99	49722.2	44418	85
02000N	-2125	534129.7	6314270	57746	99	50002.3	44442	80
02000N	-2137.5	534118.9	6314263	57177.4	99	49434.2	44502	65
02000N	-2150	534108	6314257	56840	99	49094.9	44530	70
02000N	-2162.5	534097.2	6314251	56974.8	99	49231.7	44554	85
02000N	-2175	534086.4	6314245	57380.2	99	49636.3	44610	75
02000N	-2187.5	534075.6	6314238	57073.4	99	49328.3	44634	70
02000N	-2200	534064.7	6314232	57701.6	79	49957.1	44710	70
02000N	-2212.5	534053.9	6314226	58461.4	99	50716.4	44734	70
02000N	-2225	534043.1	6314220	58813.1	99	51067	44802	80
02000N	-2237.5	534032.3	6314213	59174.4	99	51429.7	44822	55
02000N	-2250	534021.4	6314207	58838	99	51092.3	44846	60
02000N	-2262.5	534010.6	6314201	58764	99	51018.6	44942	70
02000N	-2275	533999.8	6314195	58547.6	99	50800.1	45002	25
02000N	-2287.5	533989	6314188	56728.8	99	48984	45022	20
02000N	-2300	533978.1	6314182	56992.1	99	49245.8	45046	20
02000N	-2312.5	533967.3	6314176	57277.8	99	49531.9	45110	10
02000N	-2325	533956.5	6314170	58091.5	99	50345.2	45138	25
02000N	-2337.5	533945.7	6314163	58465	99	50719.5	45158	30
02000N	-2350	533934.8	6314157	58511.8	99	50766	45214	30
02000N	-2362.5	533924	6314151	58317.9	99	50572.7	45354	35
02000N	-2375	533913.2	6314145	58460.8	99	50714.4	45418	30
02000N	-2387.5	533902.4	6314138	58709.5	99	50963.8	45446	30
02000N	-2400	533891.5	6314132	58028.3	99	50282.2	45514	50
02000N	-2412.5	533880.7	6314126	58467.2	99	50721.4	45538	70
02000N	-2425	533869.9	6314120	58454.2	99	50708	45602	60
02000N	-2437.5	533859.1	6314113	58134.9	99	50387.5	45618	70
02000N	-2450	533848.2	6314107	59526.7	99	51780.7	50302	80
02000N	-2462.5	533837.4	6314101	59812	99	52065.9	50326	80
02000N	-2475	533826.6	6314095	60165.6	99	52418.9	50346	70
02000N	-2487.5	533815.8	6314088	60163.7	99	52415.9	50406	65
02000N	-2500	533804.9	6314082	59752.7	99	52006.2	50426	80
02000N	-2512.5	533794.1	6314076	60119.3	99	52372	50438	110
02000N	-2525	533783.3	6314070	60190.9	99	52443.4	50454	90
02000N	-2537.5	533772.5	6314063	60550.2	99	52803	50510	100
02000N	-2550	533761.6	6314057	59295.1	99	51547.7	50530	90
02000N	-2562.5	533750.8	6314051	59977	99	52230.1	50554	110
02000N	-2575	533740	6314045	60372.4	99	52626.2	50614	90
02000N	-2587.5	533729.2	6314038	59796.4	99	52048.9	50630	75
02000N	-2600	533718.3	6314032	58782	99	51034.4	50646	120
02000N	-2612.5	533707.5	6314026	58563.2	99	50814.8	50706	100
02000N	-2625	533696.7	6314020	59152.5	99	51407.3	50722	120
02000N	-2637.5	533685.9	6314013	59204.6	99	51458.4	50738	240
02000N	-2650	533675	6314007	59929.6	99	52185	50930	260
02000N	-2662.5	533664.2	6314001	60045.3	99	52298.7	50946	90
02000N	-2675	533653.4	6313995	60891	99	53145.1	51006	80
02000N	-2687.5	533642.6	6313988	62089.6	79	54343.4	51026	50
02000N	-2700	533631.7	6313982	60833.7	99	53086.4	51050	50
02000N	-2712.5	533620.9	6313976	60833.7	99	53087.2	51114	70
02000N	-2725	533610.1	6313970	61196.6	99	53450.2	51130	80

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
02000N	-2737.5	533599.3	6313963	61379.2	99	53632	51146	100
02000N	-2750	533588.4	6313957	60902.3	99	53154.5	51202	80
02000N	-2762.5	533577.6	6313951	60794	99	53046.2	51230	85
02000N	-2775	533566.8	6313945	60419.2	99	52671.8	51246	85
02000N	-2787.5	533556	6313938	59160.9	99	51413.6	51306	90
02000N	-2800	533545.1	6313932	57569.2	99	49821.8	51338	95
02000N	-2812.5	533534.3	6313926	56965.5	99	49219.2	51354	80
02000N	-2825	533523.5	6313920	56506.1	99	48759.7	51414	85
02000N	-2837.5	533512.7	6313913	56595.9	99	48849.8	51438	50
02000N	-2850	533501.8	6313907	57809.3	99	50062.8	51458	40
02000N	-2862.5	533491	6313901	59293.9	99	51546.7	51518	40
02000N	-2875	533480.2	6313895	57996.1	99	50249.6	51542	60
02000N	-2887.5	533469.4	6313888	57158.3	99	49412.2	51610	90
02000N	-2900	533458.5	6313882	56937.7	99	49191.1	51714	70
02000N	-2912.5	533447.7	6313876	57382.4	99	49636.6	51734	100
02000N	-2925	533436.9	6313870	57164.9	99	49420.1	51750	130
02000N	-2937.5	533426.1	6313863	57403.3	99	49658	51810	360
02000N	-2950	533415.2	6313857	57546.9	99	49801.2	51838	180
03000N	1650	536898.9	6317023	56644.9	99	48911.3	220858	70
03000N	1637.5	536888.1	6317017	56612.8	99	48881.4	221042	70
03000N	1625	536877.3	6317011	56729.8	99	48999.2	221114	65
03000N	1612.5	536866.5	6317004	56685.7	99	48953.7	221146	80
03000N	1600	536855.6	6316998	56641.2	99	48910.5	221246	80
03000N	1587.5	536844.8	6316992	56629.3	99	48899.6	221314	60
03000N	1575	536834	6316986	56623.5	99	48892.9	221350	70
03000N	1562.5	536823.2	6316979	56668.4	99	48939.3	221422	65
03000N	1550	536812.3	6316973	56612.7	99	48883.2	221442	40
03000N	1537.5	536801.5	6316967	56646.9	99	48917.6	221622	30
03000N	1525	536790.7	6316961	56608.4	99	48879.5	221650	30
03000N	1512.5	536779.9	6316954	56689.5	99	48961	221714	30
03000N	1500	536769	6316948	56676.3	99	48948.4	221738	40
03000N	1487.5	536758.2	6316942	56692.5	99	48964.9	221802	60
03000N	1475	536747.4	6316936	56697	99	48968.6	221822	100
03000N	1462.5	536736.6	6316929	56691.3	99	48964.2	221850	85
03000N	1450	536725.7	6316923	56771.3	99	49043.7	221910	75
03000N	1437.5	536714.9	6316917	56739.6	99	49012.6	221930	70
03000N	1425	536704.1	6316911	56758.8	99	49032.5	221958	90
03000N	1412.5	536693.3	6316904	56759.3	99	49030.2	222026	80
03000N	1400	536682.4	6316898	56815.6	99	49086.3	222102	70
03000N	1387.5	536671.6	6316892	56785.4	99	49054.9	222130	75
03000N	1375	536660.8	6316886	56582.6	99	48852.6	222158	80
03000N	1362.5	536650	6316879	56315.3	99	48587.8	223034	70
03000N	1350	536639.1	6316873	56444.5	99	48714.7	223102	90
03000N	1337.5	536628.3	6316867	56606.2	99	48875.4	223122	80
03000N	1325	536617.5	6316861	56513.5	99	48782.8	223150	90
03000N	1312.5	536606.7	6316854	56578.7	99	48847.3	223214	80
03000N	1300	536595.8	6316848	56531.9	99	48800.5	223234	90
03000N	1287.5	536585	6316842	56511.9	99	48779.5	223254	75
03000N	1275	536574.2	6316836	56737.5	99	49006.5	223318	90
03000N	1262.5	536563.4	6316829	56824.4	99	49093.1	223342	80
03000N	1250	536552.5	6316823	56788.6	99	49057.9	223418	90
03000N	1237.5	536541.7	6316817	56787	99	49059.3	223510	250
03000N	1225	536530.9	6316811	57364.5	99	49636.2	223546	200
03000N	1212.5	536520.1	6316804	58748.8	99	51021.6	223614	115
03000N	1200	536509.2	6316798	57166.3	99	49439.4	223634	80
03000N	1187.5	536498.4	6316792	57095.9	99	49368.9	223658	90
03000N	1175	536487.6	6316786	57065	99	49338.9	223726	80
03000N	1162.5	536476.8	6316779	56893.1	99	49166.4	223750	80
03000N	1150	536465.9	6316773	56816.9	99	49091.6	223810	85
03000N	1137.5	536455.1	6316767	56594.5	99	48871.4	223838	140
03000N	1125	536444.3	6316761	56575.8	99	48850.3	223910	100
03000N	1112.5	536433.5	6316754	56658.5	99	48933.1	223942	90
03000N	1100	536422.6	6316748	57076.1	99	49350.3	224006	80

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
03000N	1087.5	536411.8	6316742	58110.1	99	50384.1	224038	100
03000N	1075	536401	6316736	57897.8	39	50172.6	224126	90
03000N	1062.5	536390.2	6316729	56731.9	99	49005.4	224218	120
03000N	1050	536379.3	6316723	57126.5	99	49398.6	224246	80
03000N	1037.5	536368.5	6316717	56773.6	99	49046.8	224318	120
03000N	1025	536357.7	6316711	56733.9	99	49005.1	224406	110
03000N	1012.5	536346.9	6316704	56753.1	99	49024.4	224430	90
03000N	1000	536336	6316698	56827.7	99	49098	224446	100
03000N	987.5	536325.2	6316692	56828	99	49098.4	224518	100
03000N	975	536314.4	6316686	56844.6	99	49114.4	224538	90
03000N	962.5	536303.5	6316679	56783	99	49052.4	224606	90
03000N	950	536292.7	6316673	56893.7	99	49160.7	224630	100
03000N	937.5	536281.9	6316667	56858.4	99	49125.4	224714	90
03000N	925	536271.1	6316661	56867.2	99	49132	224758	80
03000N	912.5	536260.2	6316654	56898.8	99	49163.8	224834	100
03000N	900	536249.4	6316648	56873.8	99	49136.9	224854	150
03000N	887.5	536238.6	6316642	56808.3	99	49071.5	224918	100
03000N	875	536227.8	6316636	56830.8	99	49093.3	225002	100
03000N	862.5	536216.9	6316629	56849.5	99	49112.2	225038	130
03000N	850	536206.1	6316623	56867.4	99	49129.6	225054	150
03000N	837.5	536195.3	6316617	56971.3	99	49232.5	225126	160
03000N	825	536184.5	6316611	56871	99	49132.7	225154	110
03000N	812.5	536173.6	6316604	56813.8	99	49074.3	225218	100
03000N	800	536162.8	6316598	56840.1	99	49101.2	225242	90
03000N	787.5	536152	6316592	56823.8	99	49084.1	225438	120
03000N	775	536141.2	6316586	56821.2	99	49081.3	225502	100
03000N	762.5	536130.3	6316579	56792.2	99	49051.7	225526	300
03000N	750	536119.5	6316573	56575.2	99	48834	225554	100
03000N	737.5	536108.7	6316567	56723.4	99	48983.5	230154	130
03000N	725	536097.9	6316561	57475.9	99	49734.2	230234	100
03000N	712.5	536087	6316554	57423	99	49682.5	230250	90
03000N	700	536076.2	6316548	57164.3	99	49424.3	230310	100
03000N	687.5	536065.4	6316542	56706.3	99	48966.2	230350	110
03000N	675	536054.6	6316536	56559.4	99	48818.9	230414	120
03000N	662.5	536043.7	6316529	56688.7	99	48947.7	230430	120
03000N	650	536032.9	6316523	56782.1	99	49042.4	230502	100
03000N	637.5	536022.1	6316517	56836	99	49096.8	230610	110
03000N	625	536011.3	6316511	56874.5	99	49135.7	230654	110
03000N	612.5	536000.4	6316504	56913.5	99	49174.7	230718	120
03000N	600	535989.6	6316498	56879	99	49138.8	230902	115
03000N	587.5	535978.8	6316492	56901.8	99	49160.5	230942	120
03000N	575	535968	6316486	56887.2	99	49146.4	231006	125
03000N	562.5	535957.1	6316479	56890.8	99	49151.2	231046	140
03000N	550	535946.3	6316473	56839.7	99	49098.8	231106	110
03000N	537.5	535935.5	6316467	56784.2	99	49044.9	231130	80
03000N	525	535924.7	6316461	56714.4	99	48973.4	231154	75
03000N	512.5	535913.8	6316454	56412	99	48672	231218	80
03000N	500	535903	6316448	56656.3	99	48916.8	231330	120
03000N	487.5	535892.2	6316442	56699.2	99	48960.5	231358	110
03000N	475	535881.4	6316436	57090.1	89	49350	231442	200
03000N	462.5	535870.5	6316429	56818	99	49077.1	231510	95
03000N	450	535859.7	6316423	56837.9	99	49096.9	231538	90
03000N	437.5	535848.9	6316417	56837.9	99	49099.3	231618	170
03000N	425	535838.1	6316411	56907	99	49167.9	231646	120
03000N	412.5	535827.2	6316404	56890.4	99	49151.9	231718	150
03000N	400	535816.4	6316398	56909	99	49169.4	231742	220
03000N	387.5	535805.6	6316392	56934.4	99	49194.1	231818	170
03000N	375	535794.8	6316386	56976.1	99	49237.3	231854	120
03000N	362.5	535783.9	6316379	56944.2	99	49204.1	231926	130
03000N	350	535773.1	6316373	56971.8	99	49232.2	231954	210
03000N	337.5	535762.3	6316367	56953.5	99	49213.4	232030	140
03000N	325	535751.5	6316361	56957.6	99	49218.6	232118	110
03000N	312.5	535740.6	6316354	57039.8	99	49301.1	232150	100

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
03000N	300	535729.8	6316348	57039	99	49299.6	232210	110
03000N	287.5	535719	6316342	57061.1	99	49321.6	232254	150
03000N	275	535708.2	6316336	56944.4	99	49205.5	232314	140
03000N	262.5	535697.3	6316329	56733.9	99	48994.2	232338	90
03000N	250	535686.5	6316323	56854.3	99	49115.1	232358	90
03000N	237.5	535675.7	6316317	57095.9	99	49356.3	232422	150
03000N	225	535664.9	6316311	57133.2	99	49395	232450	130
03000N	212.5	535654	6316304	57174.2	99	49435.9	232514	110
03000N	200	535643.2	6316298	57089	99	49349.8	232542	120
03000N	187.5	535632.4	6316292	57068.8	99	49329.3	232602	150
03000N	175	535621.6	6316286	57182.2	99	49442.7	232630	80
03000N	162.5	535610.7	6316279	57725.9	99	49986	232658	120
03000N	150	535599.9	6316273	57714.3	99	49974.3	232718	100
03000N	137.5	535589.1	6316267	57226.3	99	49486.4	232834	130
03000N	125	535578.3	6316261	57211.1	99	49471.8	232950	200
03000N	112.5	535567.4	6316254	57406.5	99	49666.6	233014	100
03000N	100	535556.6	6316248	57345.2	99	49604.9	233038	85
03000N	87.5	535545.8	6316242	57093.1	99	49350.1	233106	100
03000N	75	535535	6316236	56994.9	99	49253.9	233138	80
03000N	62.5	535524.1	6316229	56848	99	49105.9	233210	80
03000N	50	535513.3	6316223	57016.8	99	49275.2	233242	120
03000N	37.5	535502.5	6316217	57035.5	99	49293.8	233310	110
03000N	25	535491.7	6316211	57176.5	99	49433	233358	80
03000N	12.5	535480.8	6316204	57065.4	99	49321.8	233422	109
03000N	0	535470	6316198	56995.6	99	49253.2	233450	110
03000N	-12.5	535459.2	6316192	57042.4	99	49305.2	234210	90
03000N	-25	535448.3	6316186	56982.7	99	49247	234242	110
03000N	-37.5	535437.5	6316179	56968.3	99	49231.8	234338	90
03000N	-50	535426.7	6316173	56955.3	99	49218.3	234410	110
03000N	-62.5	535415.9	6316167	56839.5	99	49101.8	234442	130
03000N	-75	535405	6316161	56728.3	99	48990.6	234534	130
03000N	-87.5	535394.2	6316154	56399.8	99	48659.7	234614	80
03000N	-100	535383.4	6316148	57280.7	99	49541.2	234634	240
03000N	-112.5	535372.6	6316142	56858.1	99	49119.2	234706	215
03000N	-137.5	535350.9	6316129	57359.2	99	49616.9	234818	120
03000N	-150	535340.1	6316123	57022.5	99	49281.8	234838	125
03000N	-162.5	535329.3	6316117	56973.6	99	49230.9	234858	120
03000N	-175	535318.4	6316111	56886.4	99	49143.3	234926	140
03000N	-187.5	535307.6	6316104	56876.4	99	49133.5	234950	130
03000N	-200	535296.8	6316098	56876.7	99	49133.9	235010	160
03000N	-212.5	535286	6316092	56884.9	99	49140.2	235038	140
03000N	-225	535275.1	6316086	56940.8	99	49195.5	235130	140
03000N	-237.5	535264.3	6316079	57022.9	99	49278.1	235214	130
03000N	-250	535253.5	6316073	56984.8	99	49240.7	235246	230
03000N	-262.5	535242.7	6316067	56915.9	99	49171.9	235306	240
03000N	-275	535231.8	6316061	56885.7	99	49142.2	235338	480
03000N	-287.5	535221	6316054	56980.2	99	49237.2	235414	90
03000N	-300	535210.2	6316048	57072.3	99	49327	235450	90
03000N	-312.5	535199.4	6316042	57058.5	99	49314.8	235526	110
03000N	-325	535188.5	6316036	56926	99	49183.1	235626	220
03000N	-337.5	535177.7	6316029	56994.1	99	49250.3	235654	300
03000N	-350	535166.9	6316023	57008.5	99	49265.8	235714	280
03000N	-362.5	535156.1	6316017	56981.2	99	49238.7	235742	220
03000N	-375	535145.2	6316011	56966.4	99	49224	235814	450
03000N	-387.5	535134.4	6316004	56939.2	99	49195.3	235834	240
03000N	-400	535123.6	6315998	56991.4	99	49249.6	235858	200
03000N	-412.5	535112.8	6315992	56967	99	49222.3	235934	240
03000N	-425	535101.9	6315986	56942.9	99	49199.8	6	210
03000N	-437.5	535091.1	6315979	56951.8	99	49207.7	26	380
03000N	-450	535080.3	6315973	57035.1	99	49292.5	46	220
03000N	-462.5	535069.5	6315967	57009.6	99	49267.4	118	220
03000N	-475	535058.6	6315961	57022.5	99	49279.6	154	250
03000N	-487.5	535047.8	6315954	56986.4	99	49244.6	226	200



Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
03000N	-500	535037	6315948	56906.9	99	49165.2	246	180
03000N	-512.5	535026.2	6315942	57011.4	99	49269.7	314	280
03000N	-525	535015.3	6315936	57256.2	99	49514.9	358	170
03000N	-537.5	535004.5	6315929	57582.8	99	49840	418	240
03000N	-550	534993.7	6315923	58699.7	99	50957.3	438	195
03000N	-562.5	534982.9	6315917	56288.5	99	48546.8	510	250
03000N	-575	534972	6315911	56398.5	99	48658	538	300
03000N	-587.5	534961.2	6315904	56789.4	99	49048.7	558	210
03000N	-600	534950.4	6315898	57228.3	99	49487.3	622	255
03000N	-612.5	534939.6	6315892	56813.3	99	49071.4	4526	150
03000N	-625	534928.7	6315886	57028.3	99	49287.2	4606	155
03000N	-637.5	534917.9	6315879	57045.6	99	49304.7	4658	160
03000N	-650	534907.1	6315873	57200.8	99	49460.7	4730	200
03000N	-662.5	534896.3	6315867	57612.7	99	49871	4758	210
03000N	-675	534885.4	6315861	58352.2	99	50612.4	4826	320
03000N	-687.5	534874.6	6315854	57206.1	99	49463.1	4858	210
03000N	-700	534863.8	6315848	56949.7	99	49208.1	4914	185
03000N	-712.5	534853	6315842	56614.3	99	48872.6	4946	210
03000N	-725	534842.1	6315836	56705.8	99	48962.9	5010	160
03000N	-737.5	534831.3	6315829	56803.6	99	49060.7	5038	140
03000N	-750	534820.5	6315823	56828.5	99	49085.8	5054	200
03000N	-762.5	534809.7	6315817	56858.4	99	49115.7	5122	130
03000N	-775	534798.8	6315811	56909.6	99	49167.9	5154	250
03000N	-787.5	534788	6315804	56985.8	99	49244.5	5222	120
03000N	-800	534777.2	6315798	57056.6	99	49314.2	5538	300
03000N	-812.5	534766.4	6315792	57166.2	99	49425.8	5726	170
03000N	-825	534755.5	6315786	57294.3	99	49552.3	5810	340
03000N	-837.5	534744.7	6315779	57510.6	99	49768.7	5858	300
03000N	-850	534733.9	6315773	57550.4	99	49809.5	5942	320
03000N	-862.5	534723.1	6315767	58784.7	99	51042.2	10030	190
03000N	-875	534712.2	6315761	58362.2	99	50620.1	10122	190
03000N	-887.5	534701.4	6315754	57707.5	99	49964.8	10142	170
03000N	-900	534690.6	6315748	57685.9	99	49941.9	10754	200
03000N	-912.5	534679.8	6315742	57875.8	99	50134.4	10838	160
03000N	-925	534668.9	6315736	58140	99	50398.4	10906	160
03000N	-937.5	534658.1	6315729	58337.5	99	50596.4	10934	210
03000N	-950	534647.3	6315723	58317.8	99	50574.5	10950	200
03000N	-962.5	534636.5	6315717	58278.5	99	50535.7	11034	220
03000N	-975	534625.6	6315711	58360.1	99	50616.2	11106	200
03000N	-987.5	534614.8	6315704	58489	99	50744.9	11214	160
03000N	-1000	534604	6315698	58130.1	99	50386.5	13818	160
03000N	-1200	534430.8	6315598	58120.4	99	50377.5	14110	330
03000N	-1212.5	534419.9	6315592	58272.6	99	50527.6	14422	400
03000N	-1225	534409.1	6315586	58463.6	99	50719.5	14454	250
03000N	-1237.5	534398.3	6315579	58406.9	99	50661.7	14534	420
03000N	-1250	534387.5	6315573	58806.6	99	51061.2	14722	210
03000N	-1262.5	534376.6	6315567	58762.2	99	51017.3	14854	220
03000N	-1275	534365.8	6315561	58764	99	51020	14930	260
03000N	-1287.5	534355	6315554	59117.9	99	51372.3	15014	150
03000N	-1300	534344.2	6315548	59514.5	99	51770.5	15126	280
03000N	-1312.5	534333.3	6315542	58947.4	99	51203.4	15158	290
03000N	-1337.5	534311.7	6315529	59571.6	99	51826.6	15314	310
03000N	-1350	534300.9	6315523	59354.2	79	51610.8	15334	360
03000N	-1362.5	534290	6315517	56903.3	99	49158.8	15358	360
03000N	-1375	534279.2	6315511	56413.8	99	48669.7	15434	450
03000N	-1387.5	534268.4	6315504	56898	99	49153.3	15522	450
03000N	-1400	534257.6	6315498	56672	99	48927.6	15606	850
03000N	-1412.5	534246.7	6315492	56742.2	99	48997.7	15646	600
03000N	-1425	534235.9	6315486	56766.6	99	49022.9	15718	400
03000N	-1437.5	534225.1	6315479	56766.1	99	49021	15758	300
03000N	-1450	534214.3	6315473	56797	99	49053.4	15854	200
03000N	-1462.5	534203.4	6315467	57148.7	99	49404.5	15918	320
03000N	-1475	534192.6	6315461	57374.3	99	49628.8	15938	250

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
03000N	-1487.5	534181.8	6315454	57918.7	99	50174.3	20026	200
03000N	-1500	534171	6315448	57451.6	99	49707.1	20154	250
03000N	-1512.5	534160.1	6315442	58458.2	99	50713.5	20250	260
03000N	-1525	534149.3	6315436	58526.2	99	50781.7	20334	160
03000N	-1537.5	534138.5	6315429	57898.9	99	50154.5	20410	140
03000N	-1550	534127.7	6315423	58096.9	99	50351.5	20454	100
03000N	-1562.5	534116.8	6315417	58367.1	99	50622.3	20526	100
03000N	-1575	534106	6315411	58387.2	99	50643.1	20606	100
03000N	-1587.5	534095.2	6315404	56932.7	99	49188.7	20650	90
03000N	-1600	534084.4	6315398	56987.3	99	49243.2	20730	80
03000N	-1612.5	534073.5	6315392	57526.1	99	49782.8	20750	100
03000N	-1625	534062.7	6315386	57084	99	49339.1	20842	100
03000N	-1637.5	534051.9	6315379	57653.1	99	49906.9	21038	110
03000N	-1650	534041.1	6315373	57503.5	99	49758.5	21114	100
03000N	-1662.5	534030.2	6315367	57130.7	99	49387.3	21138	90
03000N	-1675	534019.4	6315361	57280.5	99	49537.6	21214	160
03000N	-1687.5	534008.6	6315354	57182.8	99	49436.9	21250	200
03000N	-1700	533997.8	6315348	56876.4	99	49128.7	21342	180
03000N	-1712.5	533986.9	6315342	56729.8	99	48982.4	21446	80
03000N	-1725	533976.1	6315336	57434.1	99	49685	21530	90
03000N	-1737.5	533965.3	6315329	57462.1	99	49712.1	21610	100
03000N	-1750	533954.5	6315323	57674.2	99	49925.3	21642	120
03000N	-1762.5	533943.6	6315317	56837.8	99	49090.6	21942	100
03000N	-1775	533932.8	6315311	55971.8	99	48227.6	22226	110
03000N	-1787.5	533922	6315304	55596.8	99	47852.4	22350	100
03000N	-1800	533911.2	6315298	55498.6	99	47752.9	22426	120
03000N	-2150	533608	6315123	56455.4	99	48705.4	31602	45
03000N	-2162.5	533597.2	6315117	56286.2	99	48534.2	31802	40
03000N	-2175	533586.4	6315111	56337.5	99	48586.5	31942	30
03000N	-2187.5	533575.6	6315104	56521.6	99	48769.3	32010	50
03000N	-2200	533564.7	6315098	56552.7	99	48800.8	32038	35
03000N	-2212.5	533553.9	6315092	56329.6	99	48578.5	32106	50
03000N	-2225	533543.1	6315086	56171.5	99	48420.9	32154	40
03000N	-2237.5	533532.3	6315079	56300.8	99	48548.4	32234	40
03000N	-2250	533521.4	6315073	56685.3	99	48932.3	32322	50
03000N	-2262.5	533510.6	6315067	56557.6	99	48806	32346	50
03000N	-2275	533499.8	6315061	56381	99	48627.2	32434	50
03000N	-2287.5	533489	6315054	56356.4	99	48603.4	32454	50
03000N	-2300	533478.1	6315048	56148.2	99	48393.6	32522	60
03000N	-2312.5	533467.3	6315042	56160.9	99	48407.4	32554	50
03000N	-2325	533456.5	6315036	56850.6	49	49097.2	32722	60
03000N	-2337.5	533445.7	6315029	56289	99	48535.5	32750	60
03000N	-2350	533434.8	6315023	56225.8	99	48472.2	32834	60
03000N	-2362.5	533424	6315017	56358	99	48603.2	32910	50
03000N	-2375	533413.2	6315011	56761.2	99	49004.4	32958	70
03000N	-2387.5	533402.4	6315004	56517	99	48761	33042	30
03000N	-2400	533391.5	6314998	56367	99	48609.4	33202	80
03000N	-2412.5	533380.7	6314992	56327.5	99	48569.2	33230	70
03000N	-2425	533369.9	6314986	56128.8	99	48370.9	33314	50
03000N	-2437.5	533359.1	6314979	56244	99	48483.2	33506	20
03000N	-2450	533348.2	6314973	55918.7	99	48155.3	33610	35
03000N	-2462.5	533337.4	6314967	56102.6	99	48339.1	33634	40
03000N	-2475	533326.6	6314961	56607.1	99	48841.7	33714	65
03000N	-2487.5	533315.8	6314954	57153.8	99	49389.9	33742	60
03000N	-2500	533304.9	6314948	57919.5	99	50155.7	33810	45
03000N	-2512.5	533294.1	6314942	58751	99	50983.2	34138	40
03000N	-2525	533283.3	6314936	58537.3	99	50770.8	34158	30
03000N	-2537.5	533272.5	6314929	58422.8	99	50655.3	34218	40
03000N	-2550	533261.6	6314923	58049.6	99	50281.3	34302	30
03000N	-2562.5	533250.8	6314917	56278.4	99	48508.8	34358	140
03000N	-2575	533240	6314911	55431.9	99	47664.1	34446	80
03000N	-2587.5	533229.2	6314904	55966.2	99	48196.1	34510	90
03000N	-2600	533218.3	6314898	56358.3	99	48587.8	34534	80

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
03000N	-2612.5	533207.5	6314892	56545.6	99	48775.1	34602	70
03000N	-2625	533196.7	6314886	56732.5	99	48962.2	34634	85
03000N	-2637.5	533185.9	6314879	57540.5	99	49767.6	34702	100
03000N	-2650	533175	6314873	58635.4	49	50862.9	34734	100
03000N	-2662.5	533164.2	6314867	58989.3	99	51217	34822	160
03000N	-2675	533153.4	6314861	59628.2	99	51855.1	34934	110
03000N	-2687.5	533142.6	6314854	60186.5	99	52413.1	35014	100
03000N	-2700	533131.7	6314848	59912.6	99	52140.3	35038	140
03000N	-2712.5	533120.9	6314842	60686.4	79	52912.8	35118	130
03000N	-2725	533110.1	6314836	59754.9	99	51981.3	35146	100
03000N	-2737.5	533099.3	6314829	59768.1	99	51994.3	35218	120
03000N	-2750	533088.4	6314823	59514.3	99	51742.9	35310	90
03000N	-2762.5	533077.6	6314817	59809.8	99	52037.5	35354	100
03000N	-2775	533066.8	6314811	59449	99	51674.5	35530	130
03000N	-2787.5	533056	6314804	59401.8	99	51627.4	35550	140
03000N	-2800	533045.1	6314798	59709.8	99	51935.4	35746	120
04000N	1562.5	536323.2	6317845	56823.1	99	49074.5	223802	-
04000N	1550	536312.3	6317839	56827.1	99	49078.1	223902	-
04000N	1537.5	536301.5	6317833	56884.3	99	49139.9	223934	-
04000N	1525	536290.7	6317827	56842.3	99	49094.9	224018	-
04000N	1512.5	536279.9	6317820	56829.3	99	49083.2	224050	-
04000N	1500	536269	6317814	56861.2	99	49116.5	224114	-
04000N	1487.5	536258.2	6317808	56878	99	49133	224142	-
04000N	1475	536247.4	6317802	56713.9	99	48971.4	224206	-
04000N	1462.5	536236.6	6317795	56763.7	99	49023.1	224226	-
04000N	1450	536225.7	6317789	56789.9	99	49046.9	224246	-
04000N	1437.5	536214.9	6317783	56777.3	99	49035.2	224310	-
04000N	1425	536204.1	6317777	56866	99	49123.7	224338	-
04000N	1412.5	536193.3	6317770	56946.1	99	49206	224402	-
04000N	1400	536182.4	6317764	56907.2	99	49169.2	224426	-
04000N	1387.5	536171.6	6317758	56560.4	99	48818.8	224450	-
04000N	1375	536160.8	6317752	56741.1	99	49002.4	224514	-
04000N	1362.5	536150	6317745	56820.9	99	49081.4	224530	-
04000N	1350	536139.1	6317739	56822.1	99	49082.9	224542	-
04000N	1337.5	536128.3	6317733	56876.3	99	49133.9	224558	-
04000N	1325	536117.5	6317727	56915.2	99	49175.7	224622	-
04000N	1312.5	536106.7	6317720	56844.9	99	49102.8	224642	-
04000N	1300	536095.8	6317714	56822.8	99	49081.8	224702	-
04000N	1287.5	536085	6317708	56837.4	99	49098.1	224722	-
04000N	1275	536074.2	6317702	56990.2	99	49250.1	224742	-
04000N	1262.5	536063.4	6317695	56842.7	99	49101.6	224810	-
04000N	1250	536052.5	6317689	56761.5	99	49020.8	224830	-
04000N	1237.5	536041.7	6317683	56821.7	99	49082.6	224846	-
04000N	1225	536030.9	6317677	57039.7	99	49297	224910	-
04000N	1212.5	536020.1	6317670	56563.8	99	48823.3	224934	-
04000N	1200	536009.2	6317664	56709.9	99	48967.4	224950	-
04000N	1187.5	535998.4	6317658	58383.9	99	50640.5	225006	-
04000N	1175	535987.6	6317652	57166	99	49422.8	225030	-
04000N	1162.5	535976.8	6317645	57181.1	99	49435.8	225102	-
04000N	1150	535965.9	6317639	56902.6	99	49155.3	225134	-
04000N	1137.5	535955.1	6317633	56802.3	99	49054.6	225154	-
04000N	1125	535944.3	6317627	56610.6	99	48858.3	225454	-
04000N	1112.5	535933.5	6317620	56700.4	99	48947	225518	-
04000N	1100	535922.6	6317614	56764.7	99	49013.4	225534	-
04000N	1087.5	535911.8	6317608	56757.1	99	49005.1	225634	-
04000N	1075	535901	6317602	56728.8	99	48975.5	225658	-
04000N	1062.5	535890.2	6317595	56763.9	99	49010.6	225718	-
04000N	1050	535879.3	6317589	56714.3	99	48961.8	225742	-
04000N	1037.5	535868.5	6317583	56724.3	99	48971.6	225806	-
04000N	1025	535857.7	6317577	56713.5	99	48960.4	225822	-
04000N	1012.5	535846.9	6317570	56677.2	99	48922.6	225838	-
04000N	1000	535836	6317564	56861.5	99	49109.9	225854	-
04000N	987.5	535825.2	6317558	56756.5	99	49002.2	225910	-

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
04000N	975	535814.4	6317552	56702.5	99	48948.2	225934	-
04000N	962.5	535803.5	6317545	56763.9	99	49009.8	225958	-
04000N	950	535792.7	6317539	56647	99	48893.8	230018	-
04000N	937.5	535781.9	6317533	56734.1	99	48978.9	230038	-
04000N	925	535771.1	6317527	56737.7	99	48984	230054	-
04000N	912.5	535760.2	6317520	56833.4	99	49078.9	230126	-
04000N	900	535749.4	6317514	56878.5	99	49124.6	230146	-
04000N	887.5	535738.6	6317508	56962.5	99	49207	230206	-
04000N	875	535727.8	6317502	56986.1	99	49232.6	230226	-
04000N	862.5	535716.9	6317495	57011.2	99	49257.2	230246	-
04000N	850	535706.1	6317489	57008.1	99	49254.4	230310	-
04000N	837.5	535695.3	6317483	57027.6	99	49270.2	230330	-
04000N	825	535684.5	6317477	57072	99	49320.2	230442	-
04000N	812.5	535673.6	6317470	57078.6	99	49322.5	230506	-
04000N	800	535662.8	6317464	57082	99	49326.7	230534	-
04000N	787.5	535652	6317458	57144.5	99	49391.4	230558	-
04000N	775	535641.2	6317452	57091.7	99	49334.8	230618	-
04000N	762.5	535630.3	6317445	57062.4	99	49306.3	230658	-
04000N	750	535619.5	6317439	57166.6	99	49409.1	230722	-
04000N	737.5	535608.7	6317433	57038.6	99	49282.4	230758	-
04000N	725	535597.9	6317427	57027.9	99	49271	230910	-
04000N	712.5	535587	6317420	56956.8	99	49199.1	230934	-
04000N	700	535576.2	6317414	56946.3	99	49189.6	231002	-
04000N	687.5	535565.4	6317408	56916.3	99	49161.6	231026	-
04000N	675	535554.6	6317402	56936.1	99	49178.4	231054	-
04000N	662.5	535543.7	6317395	56901.2	99	49143.5	231118	-
04000N	650	535532.9	6317389	56842.4	99	49083.7	231146	-
04000N	637.5	535522.1	6317383	56863.4	99	49104.8	231206	-
04000N	625	535511.3	6317377	56882.3	99	49124	231234	-
04000N	612.5	535500.4	6317370	56819.6	99	49061.7	231258	-
04000N	600	535489.6	6317364	56775.7	99	49016.1	231322	-
04000N	587.5	535478.8	6317358	56762.5	99	49002	231346	-
04000N	575	535468	6317352	56725.6	99	48967.1	231414	-
04000N	562.5	535457.1	6317345	56701.4	99	48945.1	231434	-
04000N	550	535446.3	6317339	56725.3	99	48965.6	231454	-
04000N	537.5	535435.5	6317333	56743.5	99	48984.9	231514	-
04000N	525	535424.7	6317327	56645.7	99	48887.4	231538	-
04000N	512.5	535413.8	6317320	56636.2	99	48876.5	231630	-
04000N	500	535403	6317314	56611.4	99	48854.8	231650	-
04000N	487.5	535392.2	6317308	56602.8	99	48844.2	231714	-
04000N	475	535381.4	6317302	56615.8	99	48857.5	231738	-
04000N	462.5	535370.5	6317295	56602.2	99	48844	231802	-
04000N	450	535359.7	6317289	56626.1	99	48867.6	231818	-
04000N	437.5	535348.9	6317283	56674.8	99	48917.5	231842	-
04000N	425	535338.1	6317277	56661.2	99	48906.6	231906	-
04000N	412.5	535327.2	6317270	56738.6	99	48982	231926	-
04000N	400	535316.4	6317264	56642.7	99	48886.2	232014	-
04000N	387.5	535305.6	6317258	56629.5	99	48873.4	232042	-
04000N	375	535294.8	6317252	56675.1	99	48919.4	232106	-
04000N	362.5	535283.9	6317245	56646.9	99	48890.8	232130	-
04000N	350	535273.1	6317239	56740.3	99	48986.5	232150	-
04000N	337.5	535262.3	6317233	56786.3	99	49031.7	232210	-
04000N	325	535251.5	6317227	56837.6	99	49082.1	232238	-
04000N	312.5	535240.6	6317220	56839.3	99	49083.5	232302	-
04000N	300	535229.8	6317214	56760.3	99	49006.2	232322	-
04000N	287.5	535219	6317208	57290	99	49534.8	232346	-
04000N	275	535208.2	6317202	56756.2	99	49003.4	232430	-
04000N	262.5	535197.3	6317195	56974.3	99	49222.2	232458	-
04000N	250	535186.5	6317189	56764.8	99	49013.5	232522	-
04000N	237.5	535175.7	6317183	56812.3	99	49058.7	232542	-
04000N	225	535164.9	6317177	56803.5	99	49049.6	232618	-
04000N	212.5	535154	6317170	56769.1	99	49018.4	232806	-
04000N	200	535143.2	6317164	56725.4	99	48974.5	232830	-

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
04000N	187.5	535132.4	6317158	56710.8	99	48959.5	232906	-
04000N	175	535121.6	6317152	56726.6	99	48976.8	233002	-
04000N	162.5	535110.7	6317145	56737	99	48988.5	233034	-
04000N	150	535099.9	6317139	56740.1	99	48998.2	234118	-
04000N	137.5	535089.1	6317133	56687.7	99	48946.1	234158	-
04000N	125	535078.3	6317127	56658.9	99	48915.9	234238	-
04000N	112.5	535067.4	6317120	56884.6	99	49141.1	234302	-
04000N	100	535056.6	6317114	56981.1	99	49239.4	234602	-
04000N	87.5	535045.8	6317108	56777.1	99	49035.9	234654	-
04000N	75	535035	6317102	56722.7	99	48981.6	234734	-
04000N	62.5	535024.1	6317095	56707.4	99	48967	234758	-
04000N	50	535013.3	6317089	56748.6	99	49005.9	234818	-
04000N	37.5	535002.5	6317083	56809.2	99	49066.7	234846	-
04000N	25	534991.7	6317077	56620.5	99	48876.5	234918	-
04000N	12.5	534980.8	6317070	56610.4	99	48867.2	234946	-
04000N	0	534970	6317064	56524.2	99	48781.1	235006	-
04000N	-12.5	534959.2	6317058	56481.5	99	48736.8	235038	-
04000N	-25	534948.3	6317052	56306.5	99	48562.1	235110	-
04000N	-37.5	534937.5	6317045	56448.5	99	48704.7	235138	-
04000N	-50	534926.7	6317039	57089.8	99	49345.2	235218	-
04000N	-62.5	534915.9	6317033	59233.9	69	51487.9	235250	-
04000N	-75	534905	6317027	57236	99	49490.8	235314	-
04000N	-87.5	534894.2	6317020	55211.8	99	47467.2	235350	-
04000N	-100	534883.4	6317014	55972.9	99	48227.6	235410	-
04000N	-112.5	534872.6	6317008	56844.3	99	49099.9	235526	-
04000N	-125	534861.7	6317002	56650.9	99	48904.9	6	-
04000N	-137.5	534850.9	6316995	56771	99	49026.1	154	-
04000N	-150	534840.1	6316989	56813	99	49065.9	434	-
04000N	-162.5	534829.3	6316983	56839.9	99	49094.3	506	-
04000N	-175	534818.4	6316977	56973.4	99	49227.8	546	-
04000N	-187.5	534807.6	6316970	56804.3	99	49057	742	-
04000N	-200	534796.8	6316964	56716	99	48967.7	834	-
04000N	-212.5	534786	6316958	56701.8	99	48955.5	910	-
04000N	-225	534775.1	6316952	56846.9	99	49099.5	1006	-
04000N	-237.5	534764.3	6316945	56795.7	99	49048.3	1034	-
04000N	-250	534753.5	6316939	56817.5	99	49073.3	1214	-
04000N	-262.5	534742.7	6316933	56810.2	99	49064.2	1450	-
04000N	-275	534731.8	6316927	56870.7	99	49124	1610	-
04000N	-287.5	534721	6316920	56917.1	99	49169.4	1638	-
04000N	-300	534710.2	6316914	57057	99	49313	1830	-
04000N	-312.5	534699.4	6316908	57125.8	99	49381.1	2054	-
04000N	-325	534688.5	6316902	57192.7	99	49450.8	2134	-
04000N	-337.5	534677.7	6316895	57346.2	99	49602.6	2254	-
04000N	-350	534666.9	6316889	57750.7	99	50005.4	2326	-
04000N	-362.5	534656.1	6316883	58256.3	99	50511.6	2350	-
04000N	-375	534645.2	6316877	57857.3	99	50113.5	2442	-
04000N	-387.5	534634.4	6316870	56724.2	99	48980.2	2506	-
04000N	-400	534623.6	6316864	56420.6	99	48674	2530	-
04000N	-412.5	534612.8	6316858	56248.5	99	48504	2558	-
04000N	-425	534601.9	6316852	56467.3	99	48720.6	2642	-
04000N	-437.5	534591.1	6316845	56704.9	99	48960.8	2710	-
04000N	-450	534580.3	6316839	56761.1	99	49015.4	2734	-
04000N	-462.5	534569.5	6316833	56830.9	99	49084.5	2814	-
04000N	-475	534558.6	6316827	56896.6	99	49147.8	2842	-
04000N	-487.5	534547.8	6316820	56848.1	79	49099.8	2910	-
04000N	-500	534537	6316814	57075.4	99	49327.8	2950	-
04000N	-512.5	534526.2	6316808	57016	99	49267.2	3018	-
04000N	-525	534515.3	6316802	56772.9	99	49024.7	3050	-
04000N	-537.5	534504.5	6316795	56646.3	99	48896.6	3110	-
04000N	-550	534493.7	6316789	56621.3	99	48869.8	3142	-
04000N	-562.5	534482.9	6316783	56522.5	99	48776.2	3222	-
04000N	-575	534472	6316777	56485.9	99	48737.6	3302	-
04000N	-587.5	534461.2	6316770	56501.1	99	48754.1	3330	-

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
04000N	-600	534450.4	6316764	56457.5	99	48708.7	3402	-
04000N	-612.5	534439.6	6316758	56524.4	99	48776.7	3422	-
04000N	-625	534428.7	6316752	56598.3	99	48850.1	3950	-
04000N	-637.5	534417.9	6316745	56670.1	99	48924.1	4034	-
04000N	-650	534407.1	6316739	56702	99	48955.7	4134	-
04000N	-662.5	534396.3	6316733	56845.6	99	49101.2	4218	-
04000N	-675	534385.4	6316727	56965.2	99	49218.5	11830	-
04000N	-687.5	534374.6	6316720	57163.3	99	49416.8	11902	-
04000N	-700	534363.8	6316714	58164.5	99	50417.4	12218	-
04000N	-712.5	534353	6316708	58700.8	99	50953.6	12246	-
04000N	-725	534342.1	6316702	59681.5	99	51935.1	12314	-
04000N	-737.5	534331.3	6316695	56587.9	99	48842.7	12342	-
04000N	-750	534320.5	6316689	57197.7	99	49453.2	12406	-
04000N	-762.5	534309.7	6316683	56931.7	99	49186	12510	-
04000N	-775	534298.8	6316677	56300.2	99	48552.7	12530	-
04000N	-787.5	534288	6316670	56011.1	99	48266.6	14050	-
04000N	-800	534277.2	6316664	56019	99	48273.8	14058	-
04000N	-812.5	534266.4	6316658	56014.6	99	48269.6	14110	-
04000N	-825	534255.5	6316652	56019.5	99	48275.1	14118	-
04000N	-837.5	534244.7	6316645	56017.1	99	48273.5	14126	-
04000N	-850	534233.9	6316639	56019.3	99	48275.2	14150	-
04000N	-862.5	534223.1	6316633	56014.5	99	48270	14210	-
04000N	-875	534212.2	6316627	56012.5	99	48270	14214	-
04000N	-887.5	534201.4	6316620	56017.5	99	48272.5	14222	-
04000N	-900	534190.6	6316614	56016.5	99	48271.2	14230	-
04000N	-912.5	534179.8	6316608	56008.9	99	48263.8	14238	-
04000N	-925	534168.9	6316602	56019.6	99	48275.4	14242	-
04000N	-937.5	534158.1	6316595	56021	99	48277.3	14250	-
04000N	-950	534147.3	6316589	56018.9	99	48274.3	14254	-
04000N	-962.5	534136.5	6316583	55907.2	99	48166.5	14326	-
04000N	-975	534125.6	6316577	55666	99	47923.1	14406	-
04000N	-987.5	534114.8	6316570	56413.8	99	48669.8	14506	-
04000N	-1000	534104	6316564	56896	99	49153.2	14530	-
04000N	-1012.5	534093.1	6316558	57359.2	99	49615	15214	-
04000N	-1025	534082.3	6316552	57150.7	99	49407.6	15346	-
04000N	-1037.5	534071.5	6316545	56997.2	99	49254	15406	-
04000N	-1050	534060.7	6316539	56981.3	99	49237.9	15418	-
04000N	-1062.5	534049.8	6316533	57186.9	99	49442.4	15434	-
04000N	-1075	534039	6316527	57109.6	99	49365.4	15458	-
04000N	-1087.5	534028.2	6316520	57255.3	99	49512.7	15530	-
04000N	-1100	534017.4	6316514	56839.7	99	49096.6	15614	-
04000N	-1112.5	534006.5	6316508	56510.2	99	48765.6	15638	-
04000N	-1125	533995.7	6316502	56208.6	99	48464.8	15702	-
04000N	-1137.5	533984.9	6316495	56613.4	99	48868.5	15734	-
04000N	-1150	533974.1	6316489	57705.3	99	49960.5	15802	-
04000N	-1162.5	533963.2	6316483	59231.2	99	51486.1	15826	-
04000N	-1175	533952.4	6316477	59406.6	99	51662.1	15846	-
04000N	-1187.5	533941.6	6316470	59901.8	99	52158.1	15906	-
04000N	-1200	533930.8	6316464	60989.3	99	53244	15922	-
05000N	550	534946.3	6318205	56836.2	99	49069.2	41550	-
05000N	562.5	534957.1	6318211	56797.9	99	49031.3	41626	-
05000N	575	534968	6318218	56906	99	49137.7	41658	-
05000N	587.5	534978.8	6318224	56817.6	99	49048.9	41742	-
05000N	600	534989.6	6318230	56886.4	99	49118.7	41810	-
05000N	612.5	535000.4	6318236	56886.1	99	49119.8	41838	-
05000N	625	535011.3	6318243	56903.2	99	49136.4	41934	-
05000N	637.5	535022.1	6318249	56950.2	99	49180.1	41958	-
05000N	650	535032.9	6318255	57202.3	99	49434.9	42054	-
05000N	662.5	535043.7	6318261	57251.3	99	49484.6	42134	-
05000N	675	535054.6	6318268	57222.8	99	49453.6	42214	-
05000N	687.5	535065.4	6318274	57236.3	99	49467.2	42246	-
05000N	700	535076.2	6318280	57427.3	99	49657.2	42310	-
05000N	712.5	535087	6318286	57276.1	99	49506.8	42346	-

Line	Station	Easting	Northing	Magnetic Field (n)T	sq	Correction (nT)	Time (hhmmss)	CPS
05000N	725	535097.9	6318293	57258.7	99	49488.4	42410	-
05000N	737.5	535108.7	6318299	57228.6	99	49459.5	42438	-
05000N	750	535119.5	6318305	57257.7	99	49488.1	42514	-
05000N	762.5	535130.3	6318311	57356.2	99	49588.9	42546	-
05000N	775	535141.2	6318318	57484.9	99	49716	42610	-
05000N	787.5	535152	6318324	57470.8	99	49701.6	42630	-
05000N	800	535162.8	6318330	57527.5	99	49758.5	42650	-
05000N	812.5	535173.6	6318336	57567.8	99	49798.7	42758	-
05000N	825	535184.5	6318343	57554.6	99	49785.6	42838	-
05000N	837.5	535195.3	6318349	57525.9	99	49755.8	42910	-
05000N	850	535206.1	6318355	57188.1	99	49422.1	43022	-
05000N	862.5	535216.9	6318361	57299.8	99	49531.4	43102	-
05000N	875	535227.8	6318368	57246.7	99	49476.5	43134	-
05000N	887.5	535238.6	6318374	57193.7	99	49425.1	43202	-
05000N	900	535249.4	6318380	57299.4	99	49528.7	43222	-
05000N	912.5	535260.2	6318386	57256.2	99	49485.4	43250	-
05000N	925	535271.1	6318393	57215.4	99	49444.6	43318	-
05000N	937.5	535281.9	6318399	57212.4	99	49442.5	43354	-
05000N	950	535292.7	6318405	57200.1	99	49429.2	43422	-
05000N	962.5	535303.5	6318411	57261.5	99	49490.3	43446	-
05000N	975	535314.4	6318418	57267.4	99	49496.1	43506	-
05000N	987.5	535325.2	6318424	57242.8	99	49471.5	43534	-
05000N	1000	535336	6318430	57208.2	99	49437.4	43554	-
05000N	1012.5	535346.9	6318436	57178	99	49407.5	43618	-
05000N	1025	535357.7	6318443	57132.9	99	49361.7	43654	-
05000N	1037.5	535368.5	6318449	57054.2	99	49283.5	43806	-
05000N	1050	535379.3	6318455	57014.3	99	49243	43834	-
05000N	1062.5	535390.2	6318461	57042.4	99	49270.9	43914	-
05000N	1075	535401	6318468	57051.5	99	49280.7	44026	-
05000N	1087.5	535411.8	6318474	56996.7	99	49225.1	44206	-
05000N	1100	535422.6	6318480	56993.9	99	49222.4	44234	-
05000N	1112.5	535433.5	6318486	56951.7	99	49180	44254	-
05000N	1125	535444.3	6318493	56926.4	99	49155.5	44322	-
05000N	1137.5	535455.1	6318499	56970.8	99	49198.1	44338	-
05000N	1150	535465.9	6318505	56916.3	99	49144.7	44354	-
05000N	1162.5	535476.8	6318511	56920	99	49147.8	44414	-
05000N	1175	535487.6	6318518	56888.3	99	49117.2	44442	-
05000N	1187.5	535498.4	6318524	56989.3	99	49216.7	44502	-
05000N	1200	535509.2	6318530	56856.3	99	49084.1	44514	-
05000N	1212.5	535520.1	6318536	56838.7	99	49066.6	44538	-
05000N	1225	535530.9	6318543	56828.2	99	49056	44606	-
05000N	1237.5	535541.7	6318549	56830.7	99	49058.6	44626	-
05000N	1250	535552.5	6318555	57092.1	99	49319.5	44646	-
05000N	1262.5	535563.4	6318561	56909.8	99	49140.9	44706	-
05000N	1275	535574.2	6318568	56383.7	99	48610.8	44726	-
05000N	1287.5	535585	6318574	56744.7	99	48973.3	44746	-
05000N	1300	535595.8	6318580	57017.1	99	49243.5	44802	-
05000N	1312.5	535606.7	6318586	57262.4	99	49491.3	44826	-
05000N	1325	535617.5	6318593	56691.3	99	48919.8	44850	-
05000N	1337.5	535628.3	6318599	56671.8	99	48901.1	44918	-
05000N	1350	535639.1	6318605	56691.8	99	48921.1	44954	-
05000N	1362.5	535650	6318611	56764.7	99	48995	45022	-
05000N	1375	535660.8	6318618	56668.8	99	48898.7	45042	-
05000N	1387.5	535671.6	6318624	56745.3	99	48974.1	45102	-
05000N	1400	535682.4	6318630	56663.3	99	48893.4	45122	-
05000N	1412.5	535693.3	6318636	56693	99	48925	45142	-
05000N	1425	535704.1	6318643	56711.8	99	48941.1	45202	-
05000N	1437.5	535714.9	6318649	56703.8	99	48935.2	45226	-
05000N	1450	535725.7	6318655	56696.5	99	48926.7	45246	-
05000N	1462.5	535736.6	6318661	56678.4	99	48908.7	45310	-
05000N	1475	535747.4	6318668	56623.5	99	48856	45334	-
05000N	1487.5	535758.2	6318674	56637	99	48867.4	45458	-
05000N	1500	535769	6318680	56628.9	99	48860.5	45546	-

Line	Station	Easting	Northing	Magnetic Field (nT)	sq	Correction (nT)	Time (hhmmss)	CPS
05000N	1512.5	535779.9	6318686	56646.6	99	48878.4	45614	-
05000N	1525	535790.7	6318693	56643.1	99	48872.3	45642	-
05000N	1537.5	535801.5	6318699	56632.8	99	48863	45658	-
05000N	1550	535812.3	6318705	56636.4	99	48865.9	45714	-
05000N	1562.5	535823.2	6318711	56568	99	48798.9	45906	-
05000N	1575	535834	6318718	56567.8	99	48798.2	45946	-
05000N	1587.5	535844.8	6318724	56608.1	99	48837.4	50006	-
05000N	1600	535855.6	6318730	56607.8	99	48836.8	50042	-
05000N	1612.5	535866.5	6318736	56626.1	99	48856.1	50110	-
05000N	1625	535877.3	6318743	56602.4	99	48833.4	50130	-
05000N	1637.5	535888.1	6318749	56612.4	99	48842.5	50154	-
05000N	1650	535898.9	6318755	56612.3	99	48844.2	50218	-
05000N	1662.5	535909.8	6318761	56600	99	48829.8	50242	-
05000N	1675	535920.6	6318768	56559.5	99	48787.9	50258	-
05000N	1687.5	535931.4	6318774	56618.4	99	48847	50330	-
05000N	1700	535942.2	6318780	56584.8	99	48813.9	50402	-



**APPENDIX 9**

**TUNDRA AIRBORNE SURVEYS LOGISTICAL REPORT (incl. Maps)**

# Logistics Report

for a

## Fixed Wing Aeromagnetic/Radiometric/ VLF-EM Survey

of

## The Eldor Carbonatite

in

## Northern Quebec

carried out on behalf of

**COMMERCE**  
RESOURCES CORP.

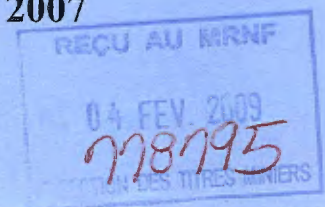


by

**Tundra Airborne Surveys Ltd.**

Project # 200708

September 2007



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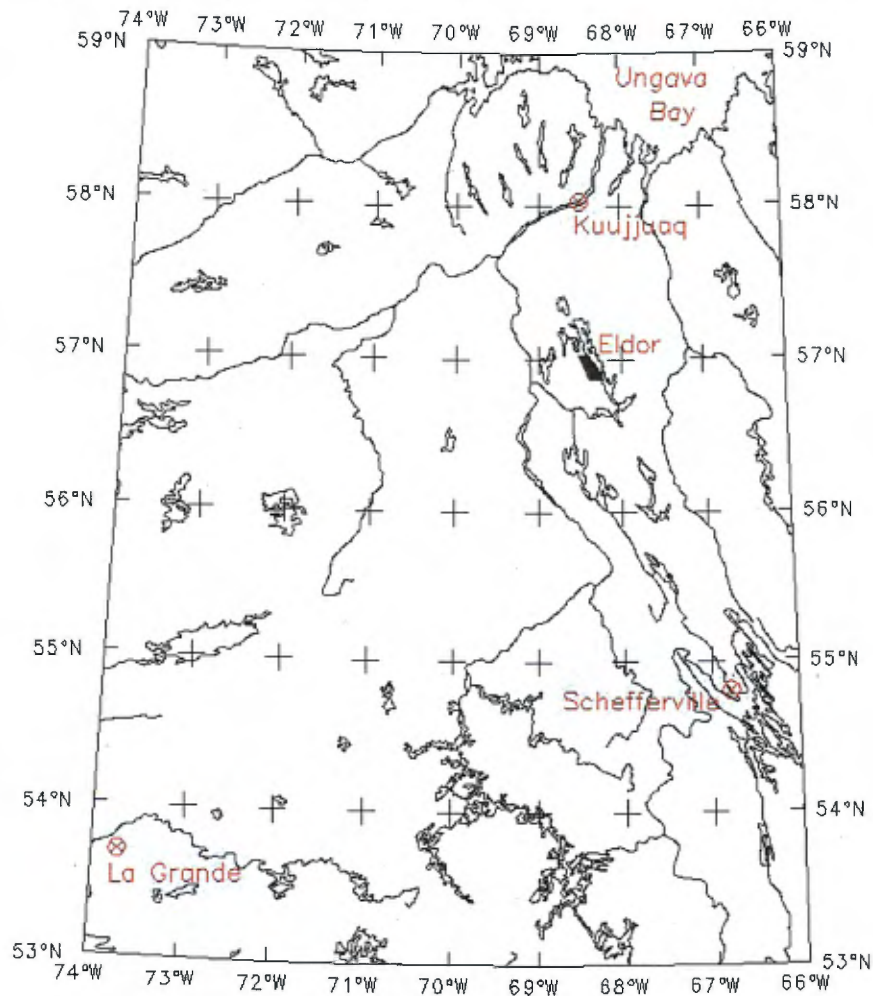
## 1. INTRODUCTION

In August 2007, Tundra Airborne Surveys Ltd. was contracted by Commerce Resources Corp. to fly a fixed wing aeromagnetic/radiometric/VLF-EM survey over the Eldor Carbonatite in Northern Quebec. The technical objective of the survey was to provide high resolution magnetic, radiometric and VLF-EM data for locating anomalous targets and for mapping of bedrock lithologies and structure.

The aircraft, crew and equipment were mobilized to Kujjuuaq, Nunavit on September 21<sup>st</sup>. Survey flights took place on September 26 and 27. The two survey flights collected a total of 862 kilometres of acceptable data.

## 2. LOCATION

The centre of the survey block is located 120 km south of the Hamlet of Kujjuuaq in the Nunavik Region of Northern Quebec. The survey block outline was delivered as an ArcView shape file with coordinates in NAD83, UTM Zone 19N. The block outline was modified to accommodate a minimum line length of 6 km (see Appendix A).



Location Map

### **3. AIRCRAFT AND EQUIPMENT**

#### **3.1 Aircraft**

The survey aircraft was a magnetically clean Beechcraft King Air 65A90 with an extended tail-stinger and two extended wing-tip pods. The separation between the wing-tip pods is 16.26 m and from the centre line of the wing-tips to the tail pod the distance is 10.41 m. The aircraft registration is N41J and is owned and operated by Dynamic Aviation Group, Inc. of Bridgewater, Virginia.



view of the tail and wing tip pods

#### **3.2 Airborne Geophysical System**

##### **3.2.1 Data Acquisition System**

The King Air is equipped with a SDAS-1 data acquisition system from Kroum VS Instruments coupled with a KMAG4 four channel mag counter board and a KANA8 eight channel A-D converter. Analog inputs to the A-D converter included the X, Y, Z components from the fluxgate magnetometer, the radar altimeter, and four VLF-EM channels. The SDAS can simultaneously display any four profiles from the mag counter and/or the A-D converter. Data is time stamped with the GPS time from the primary GPS receiver and synchronized to within 0.05 seconds using the PPS pulse. Data recording is to Compact Flash memory cards for transfer to the processing computer.

##### **3.2.2 Magnetometers**

The magnetometers were a Scintrex CS-2, a CS-3 and a Geometrics G-822A cesium sensor operated in strap down mounts. The orientation of the sensors is adjustable, to provide optimum coupling with the earth's field on reciprocal headings. The measurement range of the magnetometers is 15,000 nT to 100,000 nT with a peak to peak noise envelope of 0.002 nT in the 0.01 to 1 Hz bandwidth.

### **3.2.3 Magnetic Compensation**

A Bartington three axis fluxgate magnetometer was also mounted in the tail stinger. The fluxgate measured the orientation and rates of change of the aircraft's magnetic field with respect to the Earth's magnetic field. Correction coefficients were calculated from a figure of merit (FOM) flight to allow for post flight compensation of the three magnetometers and the cross-track gradient (right wing mag minus left wing mag) using an 18 term software compensation system.

### **3.2.4 VLF-EM System**

A TOTEM-2A VLF-EM system (very low frequency electromagnetic system) recorded the total field and vertical quadrature magnetic components of the electromagnetic fields radiated from two VLF transmitters in the 15 to 25 kHz range. Airborne VLF data are mainly used for the detection of large scale geological features such as faults, shear zones and conductive rock units. Under favourable conditions small scale conductors such as sulphide mineralization can also be detected. The two VLF stations for this survey were NLK Jim Creek, Washington at 24.8 kHz and NAA Cutler, Maine at 24.0 kHz. VLF stations are shut down on a weekly basis for routine maintenance. NLK is "off the air" from 1600 to 2400 UT each Thursday (1500 to 2300 UT during daylight saving time). NAA is "off the air" each Monday from 1000 to 2000 UT. Survey operations were not conducted during station off times.

### **3.2.5 Spectrometer**

The spectrometer was a Pico Envirotec GRS410 intelligent spectrometer coupled with three detector arrays totaling nine 4.2 litre NaI crystals. One of the crystals was upward looking only for possible radon corrections. The other eight crystals constitute the downward array with a total volume of 33.6 litres. The spectrometer outputs the summed 256 channel spectrums for the upward and downward crystal arrays. The spectrums were output once per second.

### **3.2.6 GPS Navigation**

Survey navigation was provided by an AG-NAV LINAV 3D navigation system using a Novatel ProPak-LBplus 12 channel L1/L2/L-band kinematic grade GPS receiver. The LINAV system consists of an integrated computer/monitor console running the navigation software while receiving and storing positioning information and raw range data from the primary GPS receiver. Cross track and vertical (for 3D drape flying) steering information was provided to the pilot via a colour LED digital display (array of 28 by 30 lines). The raw data was used with the base station GPS data for post flight differential corrections that provided a typical accuracy of 1 metre or less for X and Y and the 3 metres or less for Z. The primary GPS receiver also provided GPS time, position and PPS pulse synchronization to both the SDAS and the iCAM video systems. The antenna for the primary GPS is located centre of the airframe on the vertical stabilizer.

### 3.2.7 Radar Altimeter

A King KR10A radar altimeter was operated in the aircraft throughout the survey. The precision of the altimeter is +/- 1 foot. This instrument operates with a linear performance over the range of 40 to 2500 feet. Output from the radar altimeter was fed to the data acquisition system for recording the terrain clearance of the aircraft.

### 3.2.8 Barometric Pressure

The outside air pressure was measured with a Setra model 276 barometric pressure sensor. The range of the sensor is 600 to 1000 mbar with a precision of 0.1 mbar.

### 3.2.9 Video Tracking System

A colour video camera mounted in the belly of the aircraft together with an iCAM digital video system recorded the flight track of the aircraft as MPEG4 AVI movie files on a removable hard drive. The digital movie images have the Project number, flight number and line number overlain on the left side of the image with the GPS UTC time in seconds, latitude and longitude position on the right side of the image. The video was recorded at 3.75 frames per second with the GPS information updating once a second. The video was recorded as separate files for each survey line and are numbered by flight and line number.

The AVI movie files can be viewed with Microsoft Media Player if the AVI codec from DivX is installed. The DivX software is included on the archive DVD. To do a screen capture to the windows clipboard from Media Player, pause the video and then press the 'Prnt Scrn' button on the computer keyboard. In order for this to work you must set up Media Player as follows: in the Tools menu select Options, then Performance, then Advanced. Under Video Accelerator check 'use high quality mode'. The contents of the clipboard can then be pasted into any imaging software (see image following).



### **3.2.10 Digital Recording**

The airborne magnetometers, fluxgate magnetometer, VLF-EM channels and altimeter data was recorded at a sample rate of ten times per second by the data acquisition system onto a flash memory card. The 256 channel radiometric spectrums from the upward and downward crystal arrays, barometric pressure, the GPS computed position, UTC time, and pps data was recorded at a sample rate of once per second by the acquisition system. The raw GPS range data was recorded once per second by the navigation computer.

## **3.3 Ground Monitoring System**

### **3.3.1 Magnetometer**

A Scintrex CS-2 cesium magnetometer was operated at the base of operations to monitor the diurnal fluctuations. The sensitivity of the ground magnetometer is 0.01 nT at a sampling interval of 1.0 sec. Data was recorded continuously throughout the survey flights in digital form and time stamped with the GPS time from the base GPS receiver.

### **3.3.2 GPS Monitor**

A Novatel DL-4plus 12 channel L1/L2 dual frequency GPS receiver with a fixed GPS-702 L1/L2 kinematic antenna was part of the ground monitoring system. Raw satellite data was digitally recorded to enable post differential correction of the corresponding airborne data.

### **3.3.3 Recording**

The output of the magnetic and GPS monitors was recorded digitally by an SDAS-1 data logger onto a flash memory card. A visual record of the last hour of activity was graphically maintained on the PDA screen to provide an up to date appraisal of magnetic activity. At the conclusion of each production flight the raw GPS and magnetic data were transferred to the main compilation computer.

### **3.3.4 Field Compilation System**

Two Pentium laptop computers were used for field data processing and data backup. Processing software included Oasis Montaj, C3NavG2, Praga3 full spectrum radiometric processing system and custom routines.

## **4. PERSONNEL**

### **4.1 Field Operations**

Tundra geophysicist/data processor : John Charlton  
Tundra equipment operator : Ruth Palmer



Dynamic Captain : Dwight Monk  
Dynamic Copilot/engineer : Stephen Dunkley

#### 4.2 Project Management

Commerce/Dahrouge : Jody Dahrouge  
Tundra : John Charlton

### 5. SURVEY PARAMETERS

Traverse Line spacing : 200m.  
Control Line spacing : 2000m.  
Nominal Terrain clearance : 60 metres  
Navigation : Global Positioning System  
Traverse Line direction (UTM) : 090°/270°  
Control Line direction (UTM) : 180°/360°  
Minimum Line length : 6 km.  
Measurement intervals  
Magnetometers and analogue devices : 0.1 sec  
Spectrometer and GPS : 1.0 sec  
Airspeed (nominal) : 136 kts (70m/s)  
Measurement spacing (nominal) : 7.0 meters (70 m spec)  
Airborne Digital Record : Radar Altimeter  
Barometric pressure  
Fluxgate X, Y, Z  
Total Magnetic Field tail, right, left  
VLF-EM line and ortho total field and  
vertical quadrature  
Time (GPS and UTC)  
Raw Global Positioning System (GPS) data  
DAS Fiducials  
256 channel radiometric spectrum up/down  
Base Station Record : Ambient Total Magnetic Field  
Raw Global Positioning System (GPS) data  
GPS Time

### 6. OPERATIONS AND PROCEDURES

#### 6.1 Base Station

The GPS and magnetic base station site was established at the Kujjuaq airport. The general value of the magnetic field at the base magnetometer sensor was 57,1700 nT.

The location of the GPS antenna, from a 24 hour average was:

58° 05' 59.5754" N  
68° 25' 14.5828" W

15.06 m. above the WGS84 spheroid

## 6.2 Flight Planning

The block survey corners were used to create a navigation file which consists of the start and end coordinates for each survey line. The navigation file was used by the airborne navigation computer to provide flight guidance to the pilot.

## 6.3 System Tests

The spectrometer was calibrated to IAEA/GSC specifications on June 12, 2007. This included the concrete pad calibrations to calculate the stripping ratios and the calibration range flight to determine the height attenuation and sensitivity coefficients. The pad calibrations were done at the PROAV hanger in Ottawa using the GSC test pads followed by flying the Breckenridge calibration range at the prescribed altitudes. The radiometric aircraft/cosmic background coefficients were determined from a test flight on June 24<sup>th</sup> over Kasba Lake, NWT. This calibration required flying over the lake from 3000' to 11500' at 1500' intervals for 10 minutes at each height.

The compensation calibration and figure of merit (FOM) was conducted at an altitude of 10,000 feet over a magnetically quiet area just north of the survey block on September 29<sup>th</sup>. The FOM for the tail mag was determined to be 0.6 nT. The radar altimeter was calibrated on a previous survey by flying at 100 foot decrements over the La Ronge runway, starting at 500 feet down to 100 feet. The radar calibration was verified over the Kujjuuaq runway on October 2<sup>nd</sup>. The system lags were determined from an actual survey line with sharp surface anomalies that was flown in opposite directions.

Daily spectrometer checks included a Thorium source and resolution check at the start and end of each days flying.

Test results are displayed in Appendix B and the radiometric coefficients and factors in Appendix C.

## 6.4 Data Compilation

Data recorded by the airborne and base station systems was transferred to the field compilation system after each flight. As each flight was downloaded, the following compilation operations were carried out.

### 6.4.1 Flight Path Correction

The GPS data was differentially corrected to remove any common errors between the base station and airborne receiver. The correction process uses the known fixed location of the base station to calculate the error associated with each satellite. These errors are then removed from the survey GPS data enabling a position to be calculated with an accuracy in the order of one metre in X and Y and three metres in Z, with four or more satellites in view.

The navigational correction process yields a flight path expressed in WGS84 Latitude-Longitude coordinates. Transformation to local NAD83 UTM coordinates, used the following projection parameters:

	Semi-major axis (a)	Flattening (f)
WGS 84	6378137.0	298.2572229
NAD 83	6378137.0	298.2572229

Local datum shifts applied:

Delta X	:	0
Delta Y	:	0
Delta Z	:	0

UTM central meridian = 69° W (Zone 19N)

False Easting	:	500,000
False Northing	:	0

### 6.3.2 Magnetic Corrections

After loading the flight data to the main database, a raw cross track gradient was calculated by subtracting the two wing tip sensors and dividing by the sensor separation of 16.26 m. The raw aeromagnetic data from all three sensors and the cross track gradient was then compensated for permanent, induced and eddy current magnetic noise generated by the aircraft using corrections calculated from the fluxgate mag data and the co-efficients from the compensation test. The 3 sensor data and the cross track gradient was then de-spiked and filtered with a light noise reduction filter.

The traverse line cross track data was leveled using the control line longitudinal data.

The tail data was then leveled using base station subtraction followed by traverse/control line intersection leveling. The data was then gridded with the horizontal gradients to produce a total magnetic field grid. The vertical gradient was calculated from this total field grid.

### 6.3.3 VLF-EM Processing

The total field channels from the two VLF stations were auto-normalized to 100% of the primary field. The channels were then lagged and defaulted where the VLF stations were off the air. The two total field channels were then combined into a single channel using the following weighted average algorithm:

```

if(v1.gt.0.0.and.v2.gt.0.0) then
  vo = (v1*v1+v2*v2)/(v1+v2)
elseif(v1.gt.0.0) then
  vo = v1
elseif(v2.gt.0.0) then

```

```
vo = v2
else
vo = (v1+v2)/2.0
endif
```

where v1 and v2 are the two total field channels and vo is the output combined channel.

#### 6.3.4 Radiometric Corrections

The 256 channel radiometric spectrums were loaded to a database and then processed using the Praga3 full spectrum processing software. The radiometric corrections were to IAEA/GSC standards as follows:

1. dead time correction was not applied as the GRS410 spectrometer dead time is insignificant for counts of 2000 cps or less per each of the eight detectors.
2. spectral noise reduction using the NASVD method (Noise Adjusted Singular Value Decomposition).
3. aircraft and cosmic background corrections.
4. radon background correction using the full spectrum method.
5. Compton stripping corrections.
6. height correction to the nominal survey height of 60 m.
7. reduction to elemental concentrations and dose rate. The counts in the Potassium window are converted to ground concentration by weight (units: %). The counts in the Uranium window are converted to equivalent uranium concentration by weight (the spectrometer directly measures Bi<sup>214</sup>, that is an indirect measure of uranium) (units: ppm). The counts in the Thorium window are converted to equivalent thorium concentration by weight (the spectrometer directly measures Th<sup>208</sup>, that is an indirect measure of thorium) (units: ppm). The Natural Air Absorbed Dose Rate is computed from K (%), eU (ppm), eTh (ppm) concentrations: Absorbed Dose Rate = 13.08 K + 5.43 eU + 2.69 eTh (nGy/h) 'Natural Air Absorbed Dose Rate' is different from the traditional 'Total Count', in that it excludes radiation from man-made contaminants

For a full description of the radiometric processing see section 5 in document IAEA-TECDOC-1363.pdf, 'Guidelines for radiometric mapping using gamma ray spectrometry data', International Atomic Energy Agency, July 2003. This document is included on the archive DVD.

#### 7. Deliverables

Following final processing, two (2) copies of the printed maps, two (2) copies of the digital data and flight videos on a single DVD, and two (2) copies of this logistics report

were delivered to Commerce. One copy of the digital DVD archive was also delivered to Dahrouge Consulting.

## **7.1 Map Products**

Two copies of the following final maps at 1:20,000 scale were plotted. For each product there are two map sheets.

1. Total Magnetic Field colour map with contours, flight path and planimetry
2. Calculated Vertical Magnetic Gradient colour map with contours, flight path and planimetry.
3. Potassium colour map with contours, flight path and planimetry.
4. Equivalent Uranium colour map with contours, flight path and planimetry.
5. Equivalent Thorium colour map with contours, flight path and planimetry.
6. Natural Air Absorbed Dose Rate colour map with contours, flight path and planimetry.
7. VLF-EM Combined Total Field colour map with contours, flight path and planimetry.

## **7.2 Digital Data**

The digital data was archived to a single DVD. The archived data includes the following:


1. Two ASCII XYZ files of the survey line data in Geosoft format. One for the magnetic and VLF data at 10 hz and one for the radiometric data at 1hz.
2. Two Geosoft binary GDB database files of the survey line data. One for the magnetic and VLF data at 10 hz and one for the radiometric data at 1hz.
3. Grid files of the following seven parameters: total magnetic field (mag.grd), calculated vertical magnetic gradient (vg.grd), potassium (k.grd), equivalent uranium (u.grd), equivalent thorium (th.grd), dose rate (tc.grd) and VLF combined total field (VLF\_CTF.grd) in Geosoft format.
4. The HPGL plotter files of all the final map products.
5. Adobe PDF files of all the final map products.
6. A 'readme.txt' file describing the contents of the DVD. See Appendix D.
7. The iCAM digital flight videos in AVI format. There is one file per flight line.

Also included on the digital data DVDs are:

1. A copy of this logistics report, TAS200708\_LogisticsReport.pdf.
2. The DivX codec required by Windows Media Player to view the iCAM AVI digital flight path videos along with the iCAM log and cor files for each flight.

3. A copy of 'Guidelines for radiometric mapping using gamma ray spectrometry data', IAEA-TECDOC-1363.pdf.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John Charlton". The signature is written in a cursive style with a large initial "J".

John P. Charlton, P.Eng.  
November 29, 2007



Professional Engineers  
Ontario

7697014

Expires 31-Dec-2008

**John Paul Charlton, P.Eng.**

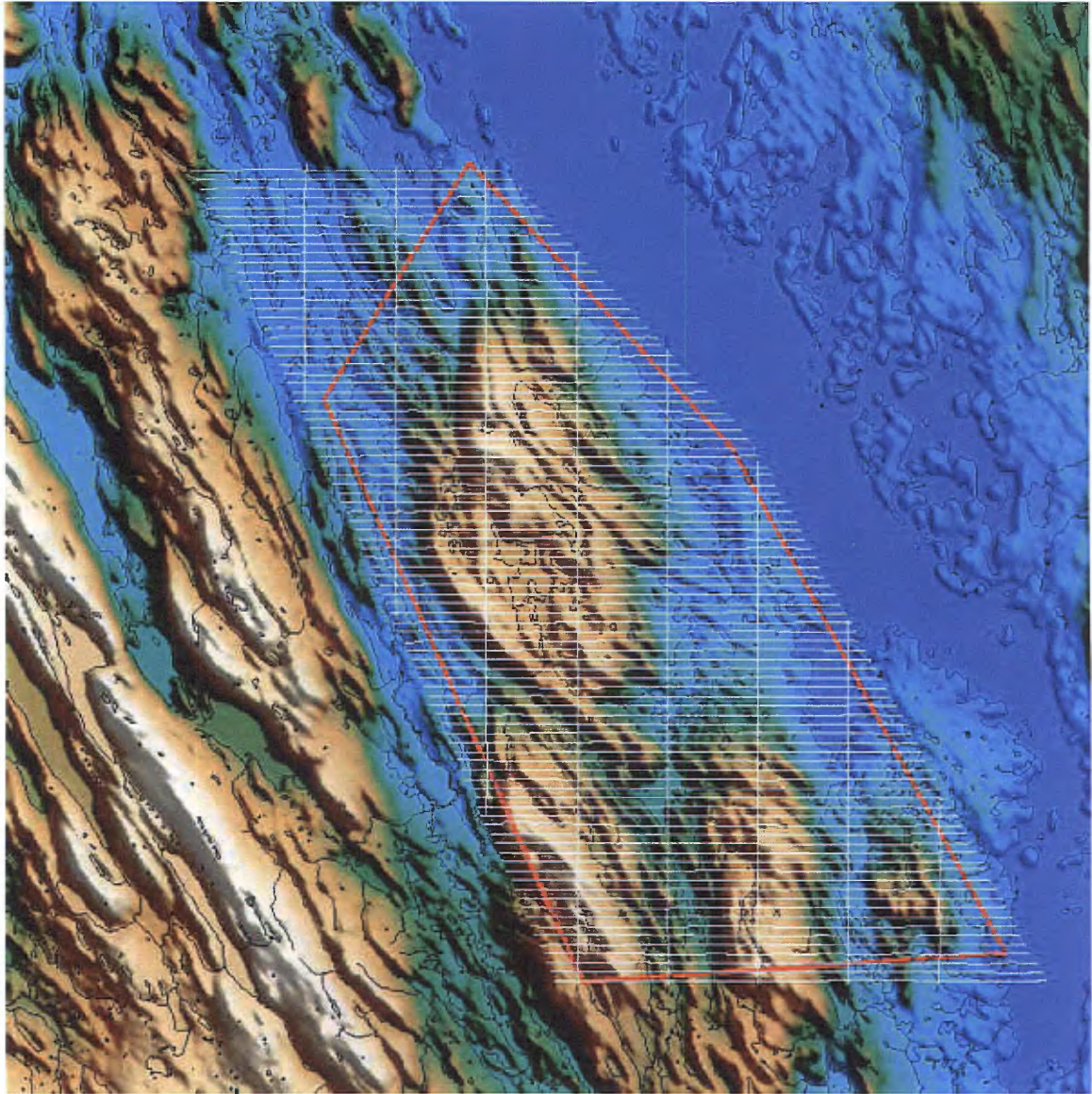
is registered as a **Professional Engineer**  
and is entitled to engage in the practice of professional engineering in the province of Ontario  
under the terms of the *Professional Engineers Act, Revised Statutes of Ontario, 1990, Chapter p 28.*  
Professional Engineers Ontario, 25 Sheppard Ave., W. St. 1080 Toronto, ON, M2N 6S9 416 224-1100

Signature of Licensee

Kim Allen, P.Eng. CEO & Registrar

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## APPENDIX A: Survey Area



Flight Polygon in red, actual flight lines in white.



## APPENDIX B: Test Results

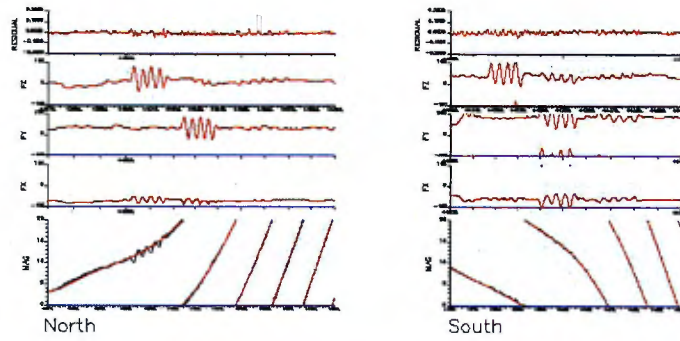
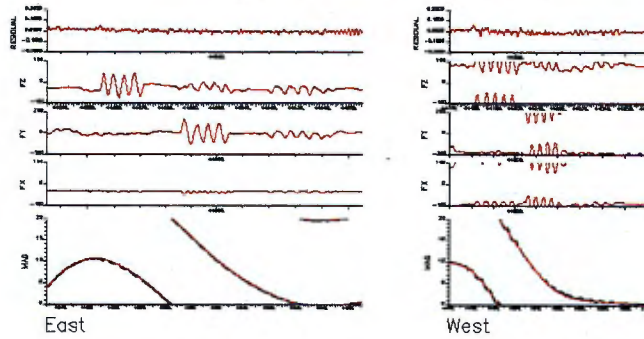


Figure of Merit – Tail Mag



Black trace in Mag window is raw tail mag, red trace is compensated tail mag.

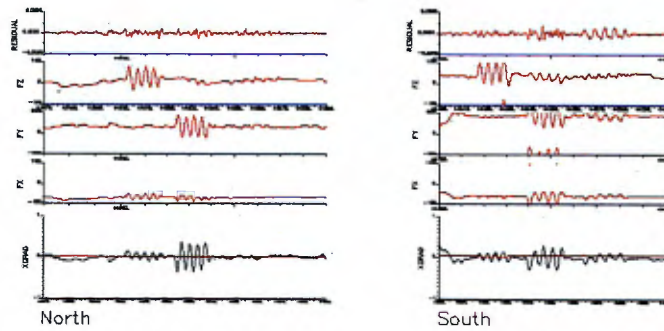
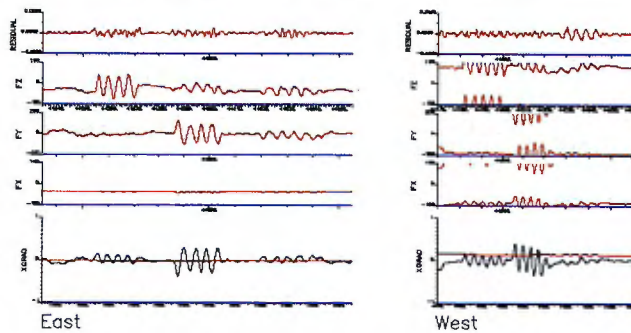
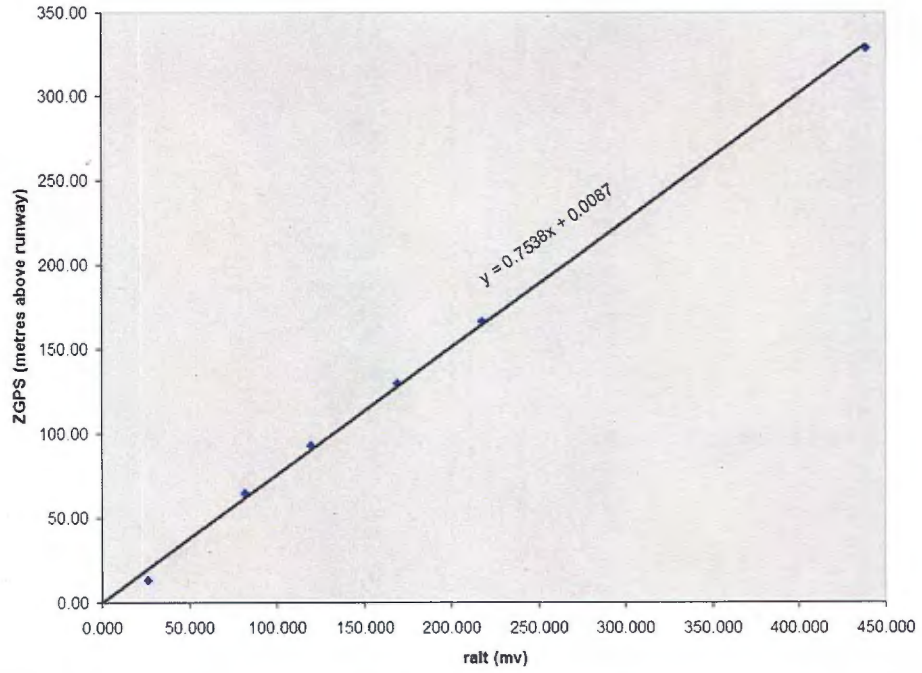


Figure of Merit – Cross Track Gradient



Black trace in Xgrad window is raw cross track gradient, red trace is compensated gradient.

King Air N41J Radar Calibration - April 28, 2007 - La Ronge, SK



The plot shows the linearity of the radar altimeter and the conversion factors from raw millivolts to metres above ground.

## APPENDIX C: Radiometric Coefficients and Factors

### Cosmic coefficients :

$a_{TC} =$	1.6413	$b_{TC} =$	75.938
$a_K =$	0.0902	$b_K =$	9.7265
$a_U =$	0.0703	$b_U =$	3.1815
$a_{Th} =$	0.0882	$b_{Th} =$	0.5992

### Compton Stripping factors

$\alpha =$	0.2510
$\beta =$	0.3997
$\gamma =$	0.7352
$a =$	0.0449
$b =$	0.0027
$g =$	0.0083

### Altitude attenuation coefficients :

$\mu_{TC} =$	-0.007065	$m^{-1}$
$\mu_K =$	-0.008807	$m^{-1}$
$\mu_U =$	-0.008164	$m^{-1}$
$\mu_{Th} =$	-0.007016	$m^{-1}$

Nominal survey terrain clearance =

200 ft. (=60 m)

### Sensitivity factors :

$S_K =$	102.544	cps/%K
$S_U =$	12.4763	cps/ppmU
$S_{Th} =$	5.8472	cps/ppmTh
$S_{TC} =$	33.0536	cps/nGy/h

## APPENDIX D: Digital Archives

Archive Description of a  
Archive Description of a  
High Resolution Fixed Wing Aeromagnetic/Radiometric/VLF-EM Survey  
of The Eldor Carbonatite in Northern Quebec  
for Commerce Resources Corp.  
by Tundra Airborne Surveys Ltd.  
Project #200708, Flown September 2007, Archived November 2007

### Directories on the DVD:

\Documents - TAS200708\_Logistics\_Report.pdf, IAEA-TECDOC-1363.pdf and this 'readme.txt' file.  
\Database\_GDB - Database archive files, Eldor\_spec.GDB and Eldor\_mag.GDB, in Geosoft binary GDB format.  
\Database\_XYZ - Database archive files, Eldor\_spec.XYZ and Eldor\_mag.XYZ, in Geosoft ASCII XYZ format.  
\DivX - DivX installation software. Installs AVI codec needed by Windows Media Player to view iCAM AVI movie files.  
\Flight\_Videos - All iCAM flight path videos as AVI movie files, one file per flight line.  
\Grids - grids in Geosoft format.  
\Map\_HP\_files - All final 1:20,000 scale map files in HP plotter HPGL format.  
\Map\_PDF\_files - All final 1:20,000 scale map files in Adobe PDF format.

---

### Mag/VLF Channel description (GDB and XYZ files, Eldor\_mag.gdb, Eldor\_mag.XYZ):

Date : date as yymmdd  
X : UTM Easting, NAD83 Zone19, Central Meridian 69 West  
Y : UTM Northing, NAD83 Zone19, Central Meridian 69 West  
Fid : UTC time in seconds  
Radar : radar altimeter, metres above ground  
Zgps : GPS height in metres above WGS84 spheroid  
Diurnal : magnetic diurnal variation nT  
mag\_tail : compensated total magnetic field from tail sensor nT  
mag\_right : compensated total magnetic field from right wing tip sensor nT  
mag\_left : compensated total magnetic field from left wing tip sensor nT  
mag\_level : leveled total magnetic field from tail sensor nT  
Xgrad : cross track magnetic gradient, nT/m  
Agrad : along track magnetic gradient, nT/m  
NLK\_TF : VLF-EM total field, station NLK, %  
NLK\_VQ : VLF-EM vertical quadrature, station NLK, %  
NLK\_TF\_final : VLF-EM total field, station NLK, normalized, defaulted, leveled, %  
NAA\_TF : VLF-EM total field, station NAA, %  
NAA\_VQ : VLF-EM vertical quadrature, station NAA, %  
NAA\_TF\_final : VLF-EM total field, station NAA, normalized, defaulted, leveled, %  
VLF\_CTF : VLF-EM combined total field from stations NLK and NAA, %

---

### Spec Database Channel description (GDB and XYZ files, Eldor\_spec.gdb, Eldor\_spec.XYZ):

X : UTM Easting, NAD83 Zone19, Central Meridian 69 West  
Y : UTM Northing, NAD83 Zone19, Central Meridian 69 West  
Fid : UTC time in seconds  
Radar : radar altimeter, metres above ground  
Zgps : GPS height in metres above WGS84 spheroid  
Temperature : outside air temperature in degrees celsius  
Pressure : outside air pressure in kPa  
STP : height above ground in metres adjusted to standard temperature and pressure  
TC : corrected Total Count as natural air absorbed dose rate in nanoGray/hour (nGy/h)  
K : corrected potassium as equivalent ground concentration by weight in percent (%K)  
U : corrected uranium as equivalent ground concentration by weight in parts per million (eU ppm)  
Th : corrected thorium as equivalent ground concentration by weight in parts per million (eTh ppm)

---

### Grid files in \Grids:

Eldor\_mag.grd - leveled total magnetic field nT.  
Eldor\_vg.grd - calculated vertical magnetic gradient nT/m.  
Eldor\_VLF\_CTF.grd - VLF combined total field from station NLK and NAA

Eldor\_TC.grd - total count dose rate nGy/h  
Eldor\_K.grd - %K  
Eldor\_U.grd - eU ppm  
Eldor\_Th.grd - eTh ppm  
Eldor\_DEM.grd - government digital elevation model covering the survey area

---

There are 2 map sheets per product in HP HPGL plot format in directory Map\_HP\_files:  
MAG20K1.HP - sheet 1 of 2, 1:20,000 scale plot file of total magnetic field (nT).  
VG20K1.HP - sheet 1 of 2, 1:20,000 scale plot file of calculated vertical gradient (nT/m).  
VLT20K1.HP - sheet 1 of 2, 1:20,000 scale plot file of VLF-EM Combined total field (%).  
TC20K1.HP - sheet 1 of 2, 1:20,000 scale plot file of total count dose rate (nGy/h).  
K20K1.HP - sheet 1 of 2, 1:20,000 scale plot file of potassium (%).  
U20K1.HP - sheet 1 of 2, 1:20,000 scale plot file of uranium (ppm).  
TH20K1.HP - sheet 1 of 2, 1:20,000 scale plot file of thorium (ppm).

---

There are 2 map sheets per product in Adobe PDF format in directory Map\_PDF\_files:  
MAG20K1.PDF - sheet 1 of 2, 1:20,000 scale plot file of total magnetic field (nT).  
VG20K1.PDF - sheet 1 of 2, 1:20,000 scale plot file of calculated vertical gradient (nT/m).  
VLT20K1.PDF - sheet 1 of 2, 1:20,000 scale plot file of VLF-EM combined total field (%).  
TC20K1.PDF - sheet 1 of 2, 1:20,000 scale plot file of total count dose rate (nGy/h).  
K20K1.PDF - sheet 1 of 2, 1:20,000 scale plot file of potassium (%).  
U20K1.PDF - sheet 1 of 2, 1:20,000 scale plot file of uranium (ppm).  
TH20K1.PDF - sheet 1 of 2, 1:20,000 scale plot file of thorium (ppm).

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**APPENDIX 10**

**ABITIBI INTERPRETATION OF AIRBORNE SURVEY DATA (incl. Maps)**



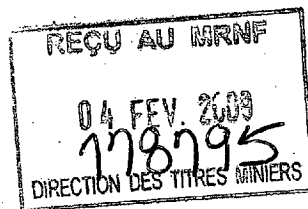
**COMMERCE RESOURCES CORP.**  
FIXED-WING AEROMAGNETIC / RADIOMETRIC  
AND VLF-EM SURVEY  
POST-PROCESSING AND INTERPRETATION REPORT  
**ELDOR CARBONATITE PROJECT**  
LABRADOR AREA  
NORTHERN QUEBEC, CANADA

08N054

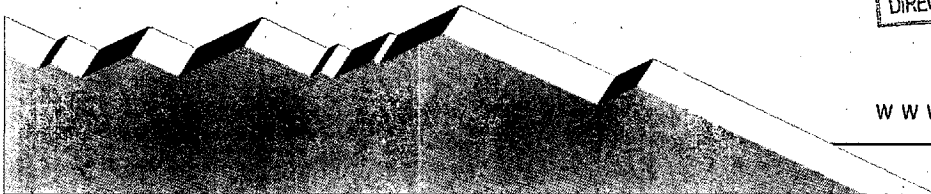
AUGUST 2008

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#### ABSTRACT

*At the request of Commerce Resources Corporation, Abitibi Geophysics Inc. has undertaken to process and interpret the Airborne geophysical survey carried out on the Eldor Carbonatite Complex. Thus, the following report has been prepared to assist the company in the evaluation of the project area and location of new prospective targets.*

*The interpretation included in this report is mainly based on the analysis of the airborne magnetic, radiometric and VLF-EM survey flown by the Tundra Airborne Surveys Ltd. in September 2007 on the Eldor Carbonatite Complex. The goal of the geophysical work is to explore for niobium-tantalum mineralisation and rare earth elements associated with carbonatite bodies and to detect other possible sulphide mineralisation with the VLF-EM survey.*

*Using recently developed magnetic data processing methods, Eldor complex faulting patterns and structural domain were successfully identified. Several lineations indicative of faults have been interpreted at a local scale on the property. These structures possibly control the emplacement of sulphide-bearing mineralization. In addition, three large elongated radiometric anomalies with high levels of thorium and uranium concentrations have been delineated. Mafic dike structures and pipe-like intrusive which could correspond to carbonatite or kimberlite bodies have also been identified. Target locations zones where follow-up is recommended are presented at the end of this report, in order to guide future exploration and to develop exploration drilling program.*

## 1. THE MANDATE

- PROJECT ID** **Eldor Carbonatite Project**  
(Our reference: **08N054**)
  
- GENERAL LOCATION** Labrador area, Northern Quebec, Canada.
  
- CUSTOMER** **Commerce Resources Corp.**  
Suite 1450 – 789 West Pender street  
Vancouver, British Columbia, Canada V6C 1H2  
Telephone: (866) 484-2700 Fax: (604) 681-8240
  
- REPRESENTATIVE** **Mr. Michael Guo, M.Sc., P. Geo.**  
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Edmonton, Alberta, T6E 1X7  
Telephone: (780) 434-9808 Fax: (780) 439-9789  
[Michael@dahrouge.com](mailto:Michael@dahrouge.com)
  
- SURVEY TYPES** **Combined Airborne Magnetic, Radiometric and VLF-EM.**
  
- GEOPHYSICAL OBJECTIVES** Exploration for niobium, tantalum mineralisation and other rare earth elements associated with carbonatite ore bodies.

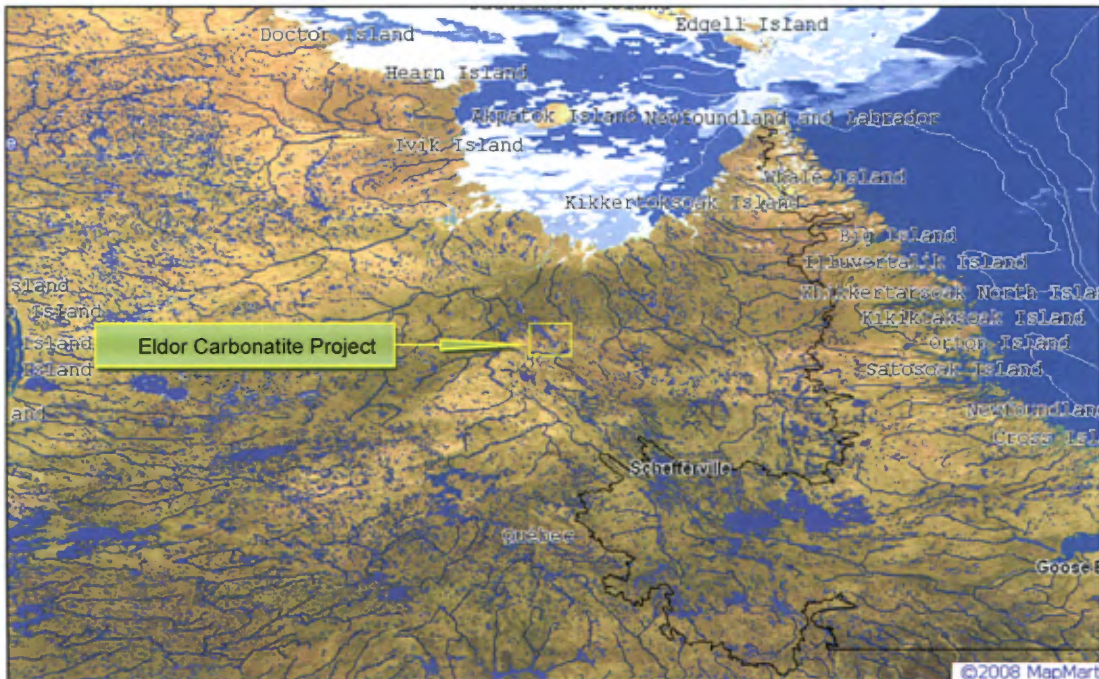


FIGURE 1: GENERAL LOCATION OF THE ELDOR CARBONATITE PROJECT

## 2. THE ELDOR CARBONATITE PROJECT

- LOCATION*

**Labrador area, Northern Quebec, Canada**  
 Centred on 56°56' N and 68°22' W  
 NTS map numbers: **24C/(15 & 16) and 24F/(01 & 02)**
- NEAREST SETTLEMENT*

**Kuujuaq:** approximately 120 km to the North.
- ACCESS*

By helicopter from the Kuujuaq airport.
- GEOMORPHOLOGY*

The topography is rugged towards the south, the SW and in the central portion of the surveyed area. It presents maximum elevation of 170 m above the water level of the lake Le Moyne. Hydrographically, several streams and rivers connected to shallow lakes partially cover the area.

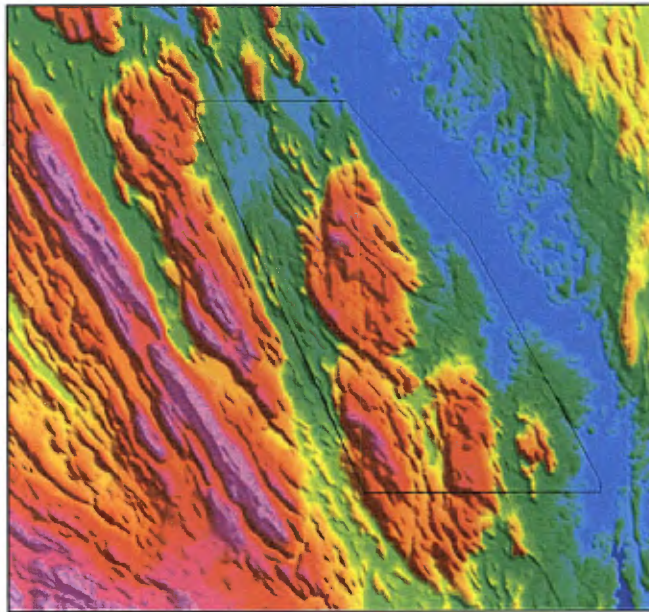


FIGURE 2: DIGITAL ELEVATION MODEL OF THE ELDOR CARBONATITE PROJECT

- CULTURAL FEATURES*

No artificial structures were encountered throughout the survey area.
- LAND TENURE*

The claim numbers encompassed in the present survey are illustrated on page 5. All claims are wholly owned by Commerce Resources Corp.
- COORDINATE SYSTEM*

Projection : Universal Transverse Mercator (UTM)  
 Datum: NAD 83  
 Zone : 19N

□ **SURVEY GRID**

The geophysical data was obtained from a Fixed Wing airborne survey (200 m traverse line spacing) flown by *Tundra Airborne Surveys Ltd.* in 2007. The technical objective of the survey was to provide high resolution magnetic, radiometric and VLF-EM data for locating anomalous targets and for mapping bedrock lithologies and structure. The region of interest of the present project covers 862 line-km and is delimited by the following UTM coordinates:

ELDOR CARBONATITE PROJECT		
Point	UTM X	UTM Y
1	536 495 mE	6 320 788 mN
2	542 232 mE	6 314 566 mN
3	548 387 mE	6 303 376 mN
4	548 404 mE	6 302 841 mN
5	537 314 mE	6 302 841 mN
6	529 420 mE	6 320 152 mN
7	529 436 mE	6 320 771 mN

□ **CARBONATITE DEPOSITES**

**Deposit geology**

Carbonatite are intrusive carbonate-mineral-rich igneous rocks, many of which contain distinctive abundances of apatite, magnetite, barite and fluorite, that may contain economic or anomalous concentrations of rare earth elements, phosphorus, niobium, uranium, thorium, copper, iron, titanium, barium, fluorine, zirconium, and other rare or incompatible elements. Carbonatite occur as irregular, centrally located rounded masses or continuous to semicontinuous concentric rings and dikes, commonly within more extensive alkali-silicate complexes.

Rocks constituting carbonatite deposits may include varieties of carbonatite, including calcite-rich (sövite), dolomite-rich (rauhaugite), iron-rich carbonatite, silico-carbonatite, etc.

**Exploration geophysics**

The geophysical signature of carbonatite complexes is variable. Some complexes contain major amounts of magnetite, ilmenite, and/ or perovskite, which result in positive magnetic anomalies. Abundant thorium and uranium bearing minerals, such as thorite, monazite, perovskite, and apatite may result in large positive radiometric anomalies (generally carbonatite contain < 50 ppm thorium, but some contain higher concentrations). All the carbonatite appear spatially related to deep-seated faults and are characterised on (and discovered by) the basis of marked magnetic anomalies. Therefore, magnetic and gamma ray spectrometry techniques can all be applied to exploration for carbonatite deposits.

## **NUMÉRIQUE**

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### 3. TUNDRA AIRBORNE GEOPHYSICAL SURVEY

- TYPE OF SURVEY**

A combined airborne magnetic, radiometric and VLF-EM was carried out by Tundra Airbornes Surveys Ltd. in September 2007 over the Eldor Carbonatite complex.
- MEASUREMENTS**

  - Total Field magnetic tail, right, left
  - Fluxgate X, Y, Z
  - Total field and vertical quadrature magnetic components of the electromagnetic fields
  - 256 channel radiometric spectrum
  - GPS data
  - Time (GPS and UTC)
  - DAS Fiducials
  - Radar altimeter
  - Barometric pressure
- DATA ACQUISITION**

September 26<sup>th</sup>, 2007.
- PLATFORM**

Fixed-wing aircraft (Beechcraft King Air 65A90).
- SURVEY SPECIFICATIONS**

  - Traverse Line spacing: 200 m
  - Control Line spacing: 2000 m
  - Nominal terrain clearance: 60 m
  
  - Traverse Line direction (UTM): 090°/270°
  
  - Control Line direction: 180°/360°
  
  - Navigation: Global Positioning System
  - Measurement intervals:
    - Magnetometers: 0.1 sec
    - Spectrometer and GPS: 1.0 sec
  - Airspeed (nominal): 70 m/s
  - Nominal measurement spacing: 7.0 m (70 m radiometric)
- MAG SYSTEM SPECIFICATIONS**

**Scintrex CS-2, CS-3** and a **Geometrics G-822A** cesium sensor operated in strap down mounts. The orientation of the sensors is adjustable, to provide optimum coupling with the earth's field. The measurement range of the magnetometers is 15 000 nT to 100 000 nT with a peak to peak noise envelope of 0.002 nT in the 0.01 to 1 Hz bandwidth.

*MAGNETIC COMPENSATION:*

A **Bartington** three axis fluxgate magnetometer was also mounted in the tail stinger to measure the orientation and rates of change of the aircraft's magnetic field with respect to the Earth's





magnetic field. Correction coefficients were calculated from a figure of merit (FOM) flight to allow for post flight compensation of the three magnetometers and the cross-track gradient using an 18 term software compensation system.

*BASE STATION MAGNETOMETER:*

A **Scintrex CS-2** cesium magnetometer was used to record diurnal variations of the earth's magnetic field. Data was recorded continuously throughout the survey flights in digital form and time stamped with the GPS time from the base GPS receiver. The sensitivity of the ground magnetometer is 0.01 nT at a sampling interval of 1.0 sec. The GPS and magnetic base station site was established at the Kuujuaq airport.

*VLF-EM SYSTEM*

**Herz Industries TOTEM 2A VLF-EM** system (very low frequency electromagnetic system), recorded the total field and the vertical quadrature magnetic components of the electromagnetic fields radiated from two VLF transmitters in the 15 to 25 kHz range.

VLF transmitter is designated "Line". The line station is in a direction from the survey area, ideally, normal to the flight line direction.

The transmitters used in this survey are:

- NLK Jim Creek, Washington at 21.4 kHz :
- NAA Cutler, Maine at 24.0 kHz :

*GAMMA-RAY SPECTROMETER SYSTEM*

**Pico Envirotec GRS410** intelligent spectrometer model coupled with three detector arrays totalling nine 4.2 litre NaI crystals. One of the crystals upward looking for possible radon corrections (atmospheric detector). The other eight crystals constitute the downward array (main detector) with a total volume of 33.6 litres. The spectrometer outputs the summed 256 channel spectrums for the upward and downward crystal arrays. The spectrums were output once per second.

*ANCILLARY SYSTEM*

**Radar Altimeter:** A King KRA-10A radar altimeter was used to record terrain clearance. This instrument operates with a linear performance over the range of 40 to 2500 feet. The precision of the altimeter is  $\pm 1$  foot.

**Video Tracking System:** A colour video camera mounted in the belly of the aircraft together with an iCAM digital video system recorded the flight track of the aircraft as MPEG4 AVI movie files on a removable hard drive. The video at 3.75 frames per second with the GPS information updating once a second. The video was recorded as separate files for each survey line and are numbered by flight and line number.

**GPS Navigation:** Survey navigation was provided by an AG-NAV LINAV 3D navigation system using a Novatel ProPak-LBplus 12 channel L1/L2/L-band kinematic grade GPS receiver. The primary GPS receiver also provided GPS time, position and PPS pulse synchronization to both the SDAS and the iCAM video systems. The raw data used with the base station GPS data for post flight differential corrections to provide a typical



accuracy of 1 m or less for X and Y and 3 m or less for Z.

**Barometric Pressure:** The outside air pressure was measured with a Setra model 276 barometric pressure sensor. The range of the sensor is 600 to 100 mbar with a precision of 0.1 mbar.

**Digital Recording:** The airborne magnetometers, fluxgate magnetometer, VLF-EM channels and altimeter data was recorded at a sample rate of ten times per second by the data acquisition system on a flash memory card. The 256 channel radiometric spectrums from the upward and downward crystal arrays, barometric pressure, the GPS computed position, UTC time, and PPS data was recorded at a sample rate of once per second by the acquisition system.

## 4. DATA PROCESSING AND RESULTS

### □ SUMMARY OF TUNDRA DATA PROCESSING

Data recorded by the airborne and base station systems was transferred to the field compilation system after each flight. As each flight was downloaded, the following compilation operations were carried out.

#### **Magnetic Corrections**

After loading the flight data to the main database, a raw cross track gradient was calculated by subtracting the two wing tip sensors and dividing by the sensor separation of 16.26 m. The raw aeromagnetic data from all three sensors and the cross track gradient was then compensated for permanent, induced and eddy current magnetic noise generated by the aircraft using corrections calculated from the fluxgate MAG data and the coefficient from the compensation test. The three sensor data and the cross track gradient was then de-spiked and filtered with a light noise reduction filter. The traverse line cross track data was levelled using the control line longitudinal data. The tail data was then levelled using base station subtraction followed by traverse/control line intersection levelling. The data was then gridded with the horizontal gradients to produce a total magnetic field grid.

#### **VLF-EM Processing**

The total field channels from the two VLF stations were auto-normalized to 100% of the primary field. The channels were then lagged and defaulted where the VLF stations were off the air. The two total field channels were then combined into a single channel using a special weighted average algorithm.

#### **Radiometric Corrections**

The 256 channel radiometric spectrums were loaded to a database and then processed using the *Praga3* full spectrum processing software. The radiometric corrections were to IAEA/GSC standards as follows:

- dead time correction was not applied as the GRS410 spectrometer dead time is insignificant for counts of 2000 cps or less for each of the eight detectors.
- spectral noise reduction using the NASVD method (Noise Adjusted Singular Value Decomposition).
- aircraft and cosmic background corrections.
- radon background correction using the full spectrum method.
- Compton stripping corrections.
- height correction to the nominal survey height of 60 m.
- reduction to elemental concentrations and dose rate. The counts in the Potassium window are converted to ground concentration by weight (units: %). The counts in the Uranium window are converted to equivalent uranium concentration by weight (the spectrometer directly measures  $\text{Bi}^{214}$ , that is an indirect measure of uranium) (units: ppm). The counts in the Thorium window are converted to equivalent thorium concentration by weight (the spectrometer directly measures  $\text{Ti}^{208}$ , that is an indirect measure of thorium) (units: ppm). The natural Air Absorbed



Dose Rate (ADRN) is computed from K (%), eU (ppm) and eTh (ppm) concentrations as following formulas:

$$\text{ADRN} = 13.08 \text{ K} + 5.43 \text{ eU} + 2.49 \text{ eTh} , (\text{nGy/h})$$

Note that ADRN is different from the traditional 'Total Count', in that it excludes radiation from man-made contaminants.

#### **Flight Path Correction**

The GPS data was differentially corrected to remove any common errors between the base station and airborne receiver. The correction process uses the known fixed location of the base station to calculate the error associated with each satellite. These errors are then removed from the survey GPS data enabling a position to be calculated with an accuracy in the order of one metre in X and Y and three metres in Z, with four or more satellites in view. The navigation correction process yields a flight path expressed in WGS84 Latitude-Longitude coordinates.

#### **ADVANCED POST-PROCESSING**

The post-processing of the geophysical data was focused on the combined Airborne magnetic, radiometric and VLF-EM survey flown by Tundra Airborne (2007). Different processes were applied to the total magnetic field and to the gamma ray spectrometric data in particular to enhance the magnetic response of near-surface features and to eliminate unwanted effect of environment factors, such as soil moisture, topography and vegetation on radiometric response. These tools are valuable for lithological, structural mapping and orebody detection, using state-of-the art geophysical data processing and imaging techniques. Thus, new derived products were computed.

To achieve the geophysical objectives of the project the following steps were carried out:

1. Reprocess the magnetic data to provide a high quality image of the total magnetic intensity.
2. Generate a range of high resolution normalized derivatives of the TMI and illustrate their effectiveness for structural mapping.
3. Outline the tectonic features of the Eldor Carbonatite Complex.
4. Delineate strong magnetic anomalies which could be related to ultramafic rocks to investigate for possible carbonatite ore bodies.
5. Delineate radiometric anomalies with which niobium and tantalum mineralisation are likely to be associated.
6. Identify zones of mineralisation which tend to be more conductive according to favourable VLF-EM signatures.

#### **MAGNETOMETRIC DATA POST-PROCESSING**

##### **Total Magnetic Intensity (TMI)**

The TMI data obtained after levelling process was gridded using a minimum curvature algorithm with a grid cell size of 50 m. Two passes of a 3x3 Hanning filter were then applied to improve the overall appearance of the final TMI contour map.



The Oasis Montaj color table (Clra64.tbl) was used with linear intervals of 25 nT, from 56 500 nT to 57 800 nT (Map #1.2).

#### **Separation Filtering**

Spectral analysis, using the Fast Fourier Transformation, is a useful tool to analyse the magnetic field data. It provides a high degree of flexibility which allows simultaneous removal of surface-noise effects and long-wavelength anomalies. Therefore, a radial averaged power spectrum of the TMI was calculated using the spectral slope analysis (Spector & Grant, 1970). The slope of each segment provides information about the mean depth-to-top for a group of magnetic sources. In this case four slopes were identified representing four groups of depths below the ground surface. The tangent lines were interactively positioned on the computer screen image (Figure 5) wherein small changes in position can result in depth estimate changes.

The steepest slope I yield to a depth of 500 m representing deep magnetic sources. Slopes II, III represent moderately deep sources, between 100 to 200 m. The fourth slopes IV, represents near-surface sources. These depths, and the bandwidths over which they are computed, were used to design low-pass and band-pass (layer) filter, which were afterwards applied to the TMI.

#### **Residual Magnetic Anomaly**

To isolate the local magnetic anomaly from the regional, a series of upward continuation of the TMI was calculated. The residual anomaly was then obtained by subtracting the transformed field grid which well approximates the regional magnetic field (upward continued to level 5000 m in our case) from the observed total magnetic intensity (Figure 4-B).

#### **Calculated Vertical Derivative**

The first vertical derivative of the TMI was computed to enhance small and weak near-surface anomalies and as an aid to delineate the contacts of the lithologies having contrasting susceptibilities (Figure 7).

#### **Total Horizontal Gradient / Source Edge Detection**

The scalar horizontal gradient maxima derived from the pole reduction of TMI data was computed and plotted as strike-dip symbols (Figure 8). These symbols trace horizontal position of magnetic contacts assuming they have a steep dip. This is an effective tool for mapping contacts. From the horizontal gradient database a 50 m cell size grid was computed using the minimum curvature algorithm.

#### **Total Gradient Amplitude (Analytic Signal)**

The Total Gradient Amplitude is defined as the square root of the squared sum of the vertical and the two horizontal derivatives of the total magnetic field. The resulting signal exhibits a maximum in magnetisation contrasts, independently of the ambient magnetic field and of the direction of magnetisation of the source. Consequently, this tool is an indicator of the location of magnetic formations (Figure 9).

#### **Tilt Derivative (Gradient Tilt Angle)**

Conventional filtering responds primarily to amplitude variations within the data and high-amplitude anomalies often mask more subtle anomalies of interest. When rock magnetisation is weak, anomalies are subdued and a particular filtering and enhancement methods are required. On the Eldor Carbonatite Project, the gradient tilt angle was tested (Figure 10). The tilt derivative is defined as the arctangent of the ratio of the vertical magnetic gradient with respect to the total horizontal gradient of the TMI. The gradient tilt angle has some interesting properties; as a dimensionless ratio, it highlights equally well shallow and deep sources (large dynamic range of amplitudes). The tilt angle is positive over a source and negative elsewhere, so it is much simpler than other normalized derivatives.

This transformation found to be one of the most effective techniques designed to emphasise particular characteristics of the magnetic data.

#### **Apparent Magnetic Susceptibility Map**

From a reduced to the pole (RTP) of the levelled TMI, a magnetisation of an equivalent layer of poles is computed at discrete points assuming there is no remanent magnetisation. The computed magnetisation map can be then transformed into an apparent magnetic susceptibility map by dividing it by the total intensity of the geomagnetic field. The resulting apparent susceptibility map will approximate the true variations in susceptibility if the magnetic sources are caused by a collection of vertical, square-ended prisms of infinite depth extent. In general, this technique produces valuable information to classify and to map variations in rock magnetisation (differentiation in magnetic rock units). Figure 11 illustrates the variation and distribution of the magnetic susceptibility of different rock units over the surveyed grid.

#### **Keating Correlation**

Possible pipe-like intrusive targets have been identified from the analytic signal grid, based on the identification of roughly circular anomalies. This procedure is automated by using a known pattern recognition technique (Keating, 1995), which consists of computing, over a moving window, a first-order regression between a vertical cylinder model anomaly and the gridded analytic signal data. Only the results where the absolute value of the correlation coefficient is above a threshold of 75% were retained.

On the *Geophysical Interpretation Map* (#10.0) and the figure 12, the results are depicted as circular symbols, scaled to reflect the correlation value. The most favourable targets are those that exhibit a cluster of high amplitude solutions. It is important to be aware that other magnetic sources may correlate well with the vertical cylinder model, whereas some pipe-like intrusive of irregular geometry may not. For this reason, the attributes of the identified anomalies must be used in conjunction with the geological setting of the study area in order to prioritize anomalies for follow-up.

The cylinder model parameters used were the following:

- Cylinder diameter: 300 m
- Cylinder length: 1000 m
- Overburden thickness: 20 m
- Sensor height: 60 m
- Magnetic inclination: 77.5°N
- Magnetic declination: 24.0°W
- Model window size: 12 (600mx600m)

#### 2.5-D Magnetic Inversion

To obtain further information about the sources, their depths, dip and physical properties, a 2.5-D inversion technique was performed on different magnetic anomalies (Figure 22). The selected profiles were extracted from the total magnetic grid with the condition that the profile should be long enough to better define the regional component and therefore produce a more reliable result.

#### VLF-EM DATA PROCESSING

Successful use of the VLF requires that the strike of the conductor be in the direction of the transmitting station so that the lines of magnetic field from the transmitter cut the conductor. At the Eldor Property the transmitters used are **NAA** Cutler (Maine), operating on 24.0 kHz, and **NLK** Jim Creek (Washington), transmitting at 21.4 kHz. In VLF processing, only measurement recorded from the Cutler station was utilised due to its ideal orientation with respect to NW-SE geological structures, and good signal strength. The VLF total field anomalies are plotted as stacked profiles on Figure 13-A with 100% base level and with a vertical scale of 20%/cm. Theory of VLF-EM interpretation is quite simple since conductors are located at field strength maxima. It is impossible to determine the quality of conductors with any reliability, using field strength data alone.

#### RADIOMETRIC DATA POST- PROCESSING

The grids of potassium, uranium, thorium and total count (ADRN) were used for imaging as individual element concentration grids (Figures 14, 15, 16 and 17). High potassium with relatively no thorium often indicates a specific alteration environment or rock type. The presence or absence of a thorium response is also often diagnostic. In order to readily recognize and display these signatures, a composite image (ternary map) is generated. It is obtained by assigning each radioelement a primary colour and intensity relative to amplitude. The three primary colour intensities are mixed to give unique colour hues for various radioelement signatures. The latter displays the potassium as red, thorium as green and uranium as blue in the RGB colour model, lighter in the high response areas and darker in the low responses areas (Figure 18).

In addition the standard ratio grids (eU/K and eTh/K) with another special ratio  $[K \times eU]/eTh$  (named as F\_Criteria) were computed to highlight anomalous responses and locate zones of alteration (Figure 19, 20 and 21).



**MAPS PRODUCED**

From the post processing mentioned above, the following colour maps were produced at scale 1:25 000. They are appended or inserted in pouches at the end of this report.

Our Quality System requires that every final map be inspected by at least two qualified persons before being approved and included in a final report.

Map Number	Description	Scale
1.2	Airborne Magnetic Field Survey – Total Magnetic Intensity Contours (nT)	1:25 000
1.4a	Airborne Magnetic Field Survey – Calculated First Vertical Derivative (nT/m)	1:25 000
1.4c	Airborne Magnetic Field Survey – Calculated Total Horizontal Gradient (nT/m ) versus Source Edge Detection	1:25 000
10.0	Geophysical Interpretation	1:25 000

**DIGITAL DATA**

The above-described maps are delivered in the Oasis Montaj map file format on CD-Rom.

A copy of all survey acquisition data (ASCII text format) and processed data (Geosoft Montaj databases) are also delivered on CD-Rom with archive description of all the files (readme.txt).



## 5. GEOPHYSICAL INTERPRETATION

The area of investigation is located between longitudes 68° 12' to 68° 31' W, and latitudes 56° 52' to 57° 02' N. Integrated analysis and interpretation of the airborne magnetic and radiometric data for the Eldor Carbonatite Project have been carried out in order to aid in the mapping of geology as well as to locate carbonatite ore bodies (structures related to niobium and tantalum mineralisation) and to identify new targets that are prospective for sulphide mineralisation according to favourable VLF-EM signatures.

### □ MAGNETIC SURVEY RESULTS

The total field magnetic responses reflect major changes in the magnetite content of the underlying rock units. The amplitude of the magnetic responses relative to the regional background help to assist in identifying specific magnetic and nonmagnetic units. Obviously, several geological sources can produce the same magnetic response. These ambiguities can be reduced if basic geological information on the area is available to the geophysical interpreter. In addition to amplitude variations, magnetic patterns related to the geometry of the particular rock unit also help in determining the probable source of the magnetic response. For instance, long narrow magnetic linears usually reflect mafic intrusive dike structures while semi-circular features with complex magnetic amplitudes may be produced by local plug-like intrusive sources such as carbonatite or kimberlites.

Analysis of the enhanced TMI anomaly map (Figure 4-A) and its derived products allowed the identification of three distinctive magnetic signatures over the Eldor Carbonatite Complex. The magnetic background is interpreted to be approximately 57 000 nT. Amplitudes range from about 900 nT below background to 2800 nT above background.

- Magnetic lineaments: These are the most dominate features recorded in different parts of the survey area. These lineaments consistently oriented NW-SE and many of them are continuous for 7 or more km, and commonly show branching and curving shapes such as on the position 535 120 mE, 6 314 340 mN. The *Geophysical Interpretation Map* (10.0) shows three major elongated anomalies noted A, B and C. The amplitude of the western anomaly (A) ranges from 1650 to 2800 nT and spreads in length for more than 15 km. Eastern lineament (B) appears to have the same signature - fairly quiet but of lower amplitude, varying from 600 to 1200 nT and extends to more 10 km length. Lineament (C) occurs within the northwestern portion of the grid. The elongated anomaly exhibits moderate amplitude of 1300 nT oriented in NW direction with a strike length of approximately 5 km. These anomalies are thought to be possible mafic intrusive dike structures according to their magnetic susceptibility contrast obtained from the 2.5-D magnetic inversion carried out over some selected profiles crossing these lineaments (Figure 22). Following the results of the magnetic inversion, it shows that all the identified structures dip at about 60° to the NE and extends from 50 m to more 150 m depth. The estimated width of the causative sources vary from 220 to 525 m for the lineament (A), from 80 to 200 m for the anomaly (B) and ranging from 100 to 400 m for the lineament (C). Other dike structures could be well observed on the enhanced Tilt derivative map (Figure 10) at the SW part of the survey grid. The strike of these magnetic lineaments is NW-SE, and they also have been identified from the airborne VLF-EM data. The magnetic signature of these lineaments is characterised by low amplitudes raging from 50 to 200 nT
- Semi-circular magnetic anomalies: This category is represented by a group of short wavelength positive anomalies mostly located in the center and in north-eastern part of the survey grid in a low magnetic background of approximately 56 600 nT. These anomalies exhibit moderate to high amplitudes ranging from 300 to 3500 nT. The magnetic signature of these sources is band limited, so a semi-automatic interpretation using special filters and analytic techniques can be used to provide objective information on the attributes of the anomalies. The Keating correlation applied to the analytic signal amplitude was the most useful technique in identification of these targets. Most of the pipe-like intrusive target anomalies have been identified on the property as a possible kimberlite or carbonatite bodies (Map #10.0). These anomalies have been classified

following Keating Correlation Coefficient. Some of them have been quantitatively interpreted. The results of the inversion are presented on Figure 22. In addition, a ring magnetic structure centered at coordinates 533 470 mE, 6 319 000 mN shows fairly quiet positive amplitude of 750 nT to the flanks and a negative response of -300 nT to the center. This type of signature deserves a particular attention, because it is reflect a typical model of plug-like carbonatite intrusive.

- Below background non-magnetic zones are the third type of magnetic signature indicated/ or shaded in blue on the *Geophysical Interpretation Map* (10.0) according to the interpreted apparent magnetic susceptibility map (Figure 11). These zones probably reflecting the alkali-silicate rocks of the Eldor Carbonatite complex. Some other local small negative zones on the survey area can also indicate possible alteration affects.

All relatively high amplitudes and apparent discrete magnetic anomalies were shaded in green on the *Magneto-tectonic Interpretation Map* (Figure 23). The combination of the normalized derivatives (first vertical derivate, the total horizontal derivative with the results of source edge detection superimposed and analytic signal amplitude) were used to track the horizontal position of the magnetic contacts assuming that they are steeply dipping.

#### □ TECTONIC FEATURES

Several lineations that are indicative of faults have been mapped across the property striking in virtually all directions. The lineations cross each other in some areas. Structures is often important for the emplacement of mineralization fluids especially at faults intersection. The fault itself may be an important control in localizing the mineralization, and should be prospected along its strike as well. Furthermore, the results of the separation filtering appear to contain significant information about the reconstruction of the underlying magnetic structures. This technique is also useful to identify different faults episodes, late and early tectonic activity (Figures 6-A, B, C and D). The result of the integration of both techniques is shown on the *Geophysical Interpretation Map* (10.0).

#### □ RADIOMETRIC INTERPRETATION

The radiometric data reflects the radioelement concentrations in the first few cm of the soil. Generally the radiometric images depict a combination of bedrock outcrop (likely with considerable in-situ weathering), bedrock material eroded from nearby outcrop, overburden and alluvial (transported) sediments. It is useful to look at the radiometric images in conjunction with the terrain image to avoid errors in the evaluation of the detected radiometric anomalies.

The airborne gamma-ray spectrometry survey was carried out at the Eldor Carbonatite Complex in order to detect directly the carbonatite ore body structures. Measurement of the radioelement concentrations (Figures 14, 15, 16 and 17) has clearly mapped three large potential zones. The radiometric survey showed pronounced high levels concentrations of thorium, uranium and potassium, in the range of 15 – 75 ppm eTh in a background of 8 ppm, 2.5 – 7 ppm eU in a background of 1.0 ppm and 1.15 – 2.5% K, in a background of 0.7%, respectively. The highest thorium concentration responses (> 50 ppm) in the area are centered on the UTM coordinates 535 720 mE, 6 313 700 mN and 536 120 mE, 6 312 400 mN. For the uranium concentration, the highest responses (> 6 ppm) are centered on the following positions: 535 715 mE, 6 312 610 mN, 537 785 mE, 6 311 390 mN and 538 180 mE, 6 311 050 mN. These high anomalies are spatially associated with the semi-circular magnetic anomalies identified on the central part of the grid. On the *Geophysical Interpretation Map* (10.0), the high levels of the three radioelement concentrations are contoured and superimposed as a total count (ADRN) on the Magneto-tectonic interpretation map (Figure 23).

Several case histories from mining exploration show that alteration associated with the mineralizing process frequently results in a relative enrichment of potassium which can be distinguished from normal lithological potassium variations by their characteristic highs *F\_Criteria* ((K x eU)/eTh ratio) or depletions (low) in the eTh/K ratio. Airborne radiometric data over the Eldor Carbonatite Complex

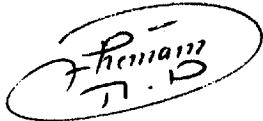


shows several pronounced  $[K \times eU]/eTh$  highs ( $> 2.5 \%$ ) and  $eTh/K$  depletions ( $< 3 \text{ ppm}/\%$ ) that might reflect alteration zones. The delineated probably altered zone were contoured in orange on the *Geophysical Interpretation Map* (10.0).

#### □ VLF-EM INTERPRETATION

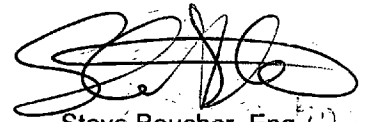
Several conductors have been identified from the VLF-EM survey. The VLF-EM stacked profiles show numerous high amplitude anomalies occurring as lineament axes (Figure 13-A). Some of these lineaments correlate with faults, shear and/ or lithological contacts and magnetic lineaments. The identified conductors are presented on both the *Geophysical Interpretation Map* (10.0) and on the digital elevation model (DEM) of the survey area (Figure 13-B), as a qualitatively character only. The majority of the conductors follow a NW-SE and N-S trends. It cannot be easy to discriminate between possible bedrock conductors (sulphide bodies) and topographic anomalies according to the recorded VLF-EM responses, but it is possible that some of these conductors are associated with the sulphide mineralization.

The interpretation of the geophysical data embodied in this report is essentially a geophysical appraisal of the Eldor Carbonatite Project. As such, it incorporates only as much geoscientific information as the author has on hand at the time. Geologists thoroughly familiar with the area are in a better position to evaluate the geological significance of the various geophysical signatures. Moreover, as time passes and information provided by follow-up programs are compiled, exploration targets recognized in this study might be downgraded or upgraded.

A handwritten signature in black ink, appearing to read "M. Chemam" with "M.Sc." written below it, enclosed in an oval.

Madjid Chemam, MSc.

MC/ 062 #1259

A handwritten signature in black ink, appearing to read "S. Boucher", enclosed in a scribbled oval.

Steve Boucher, Eng.  
Technical director

OIA # 141431

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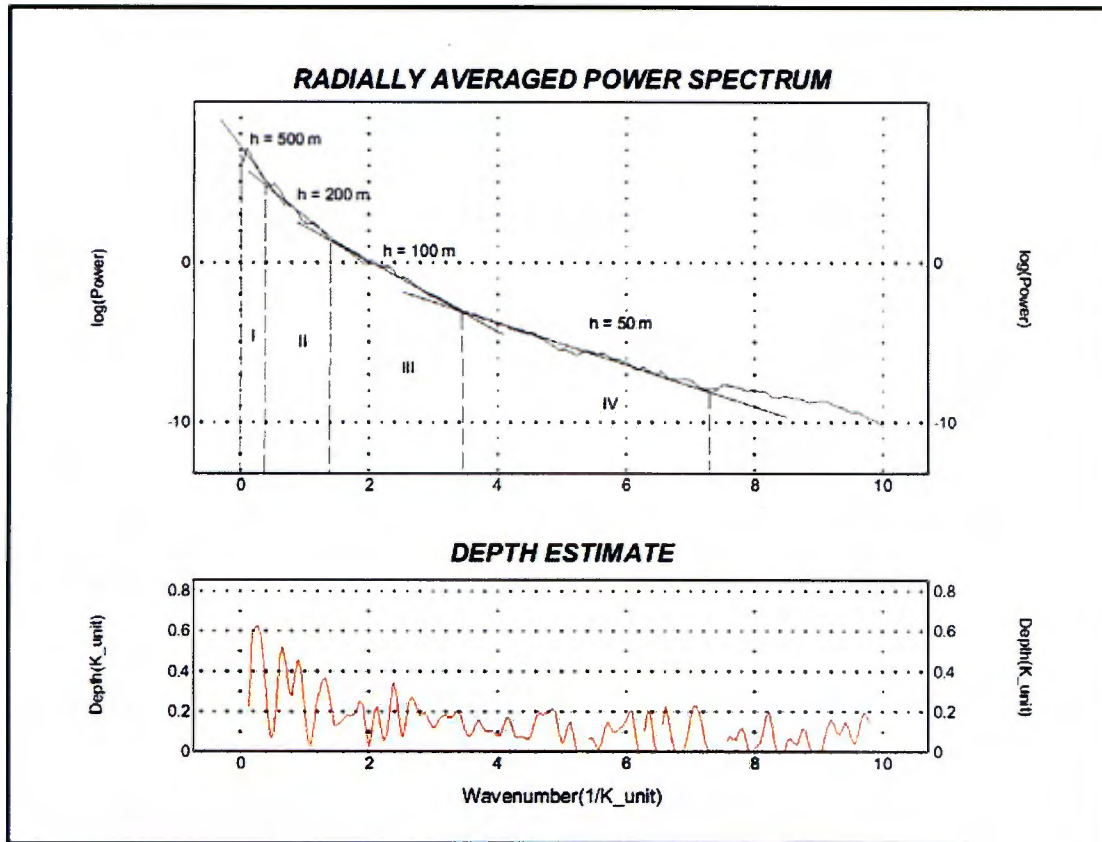


FIGURE 5: THE RADIAL AVERAGED POWER SPECTRUM AND SPECTRAL SLOPE ANALYSIS OF THE TMI.

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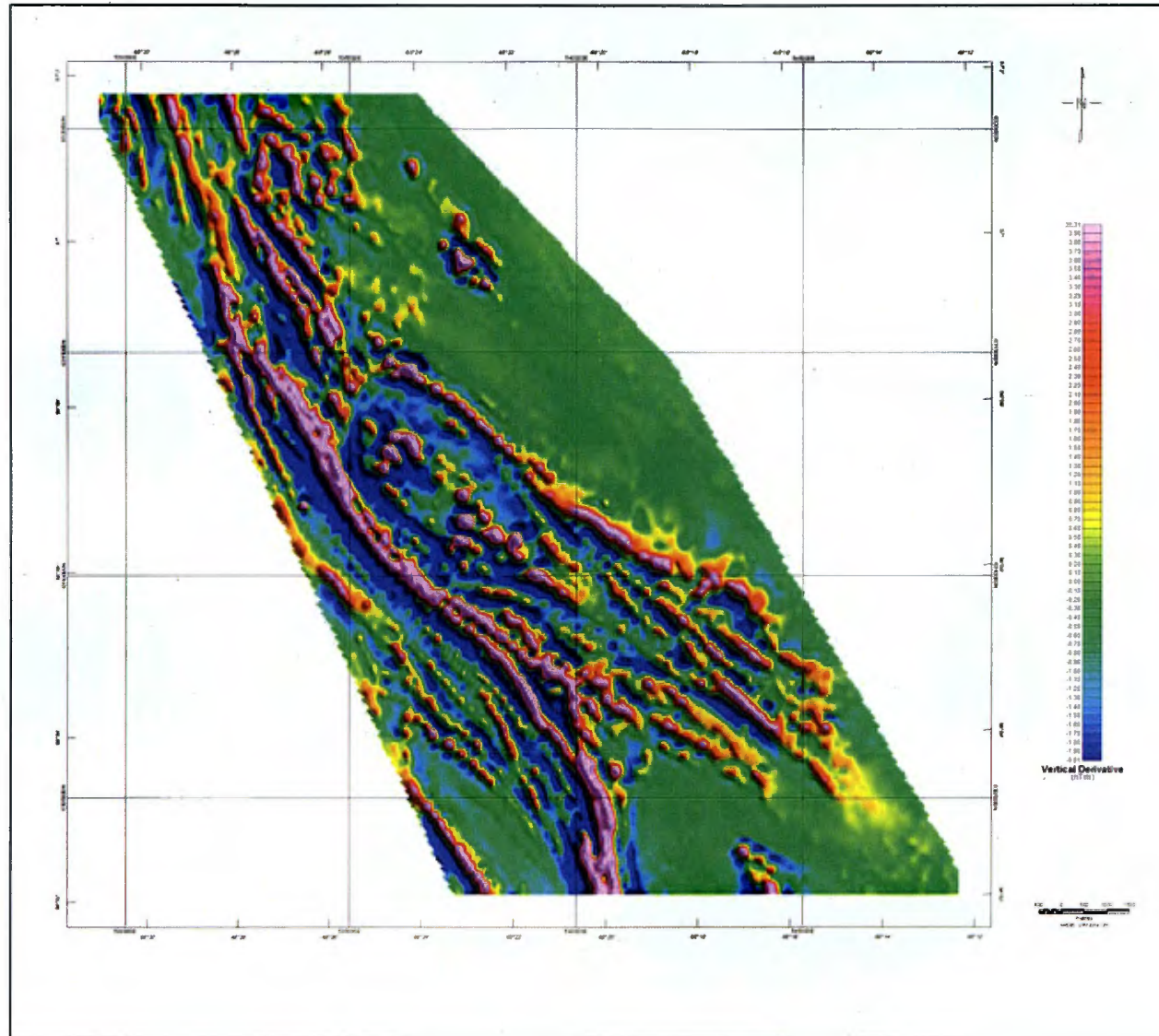
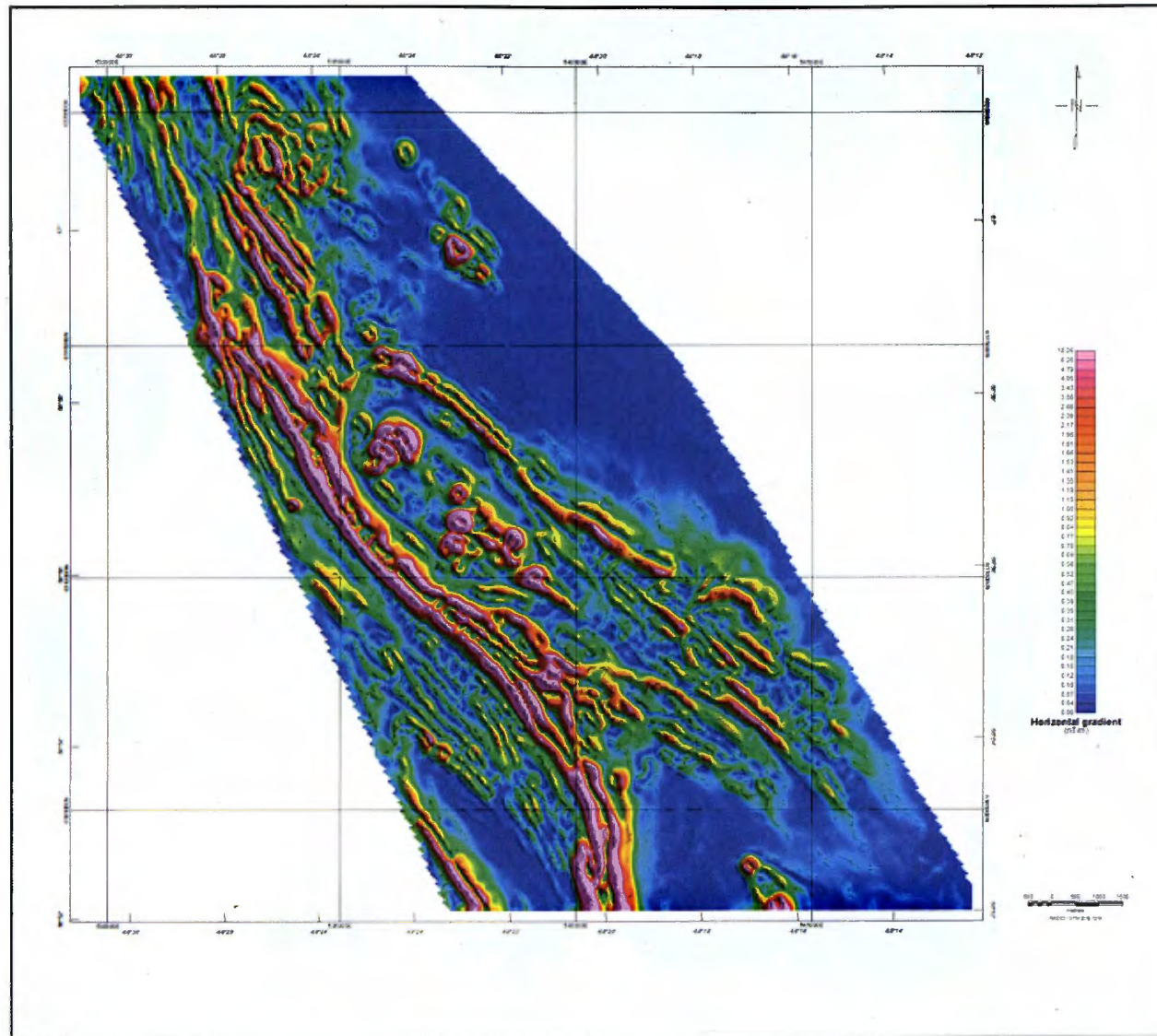


FIGURE 7: FIRST VERTICAL DERIVATIVE MAP OF TMI WITH SUN SHADING FROM THE SOUTHWEST.





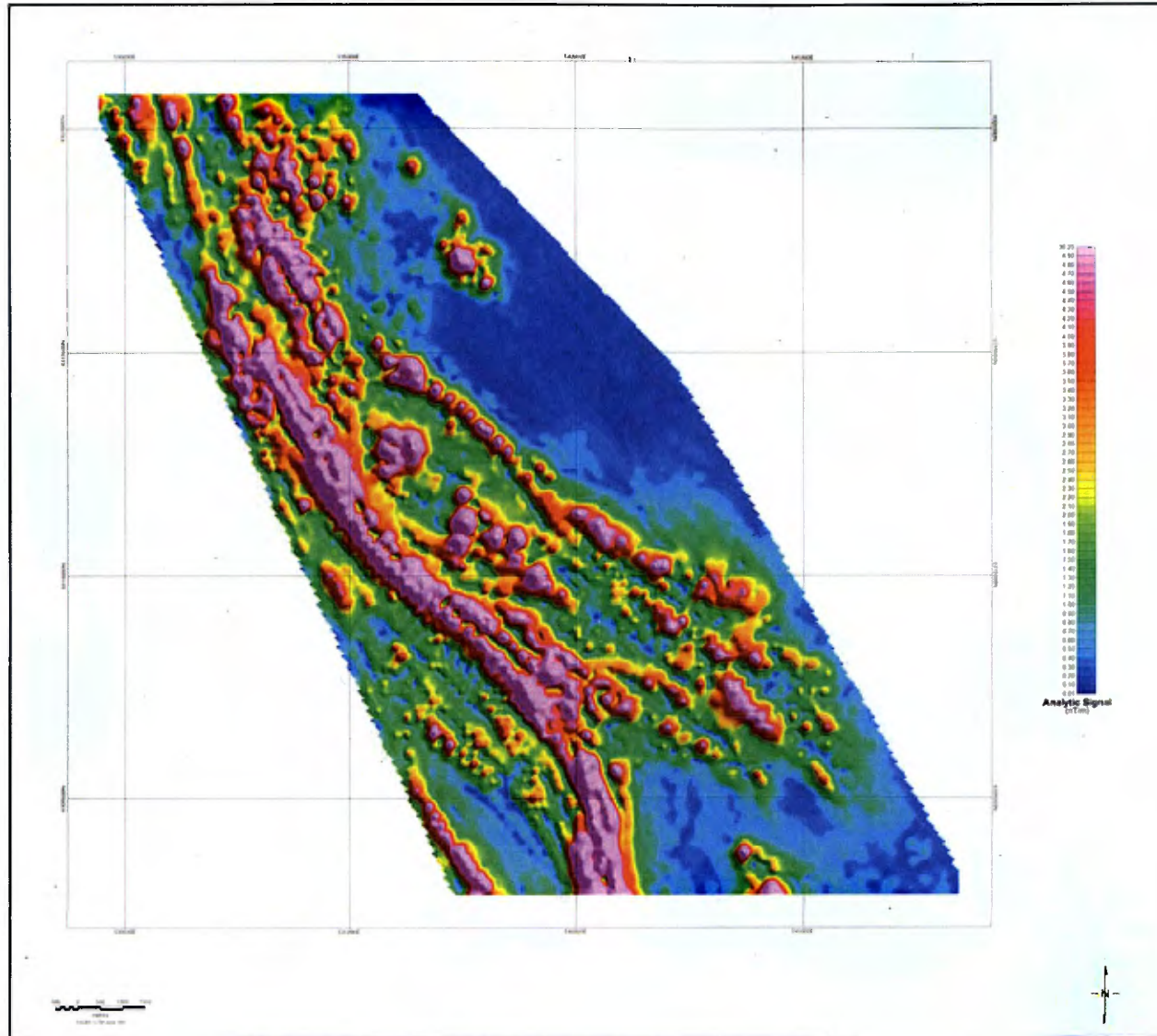


FIGURE 9: TOTAL GRADIENT AMPLITUDE (ANALYTIC SIGNAL) OF THE TMI .

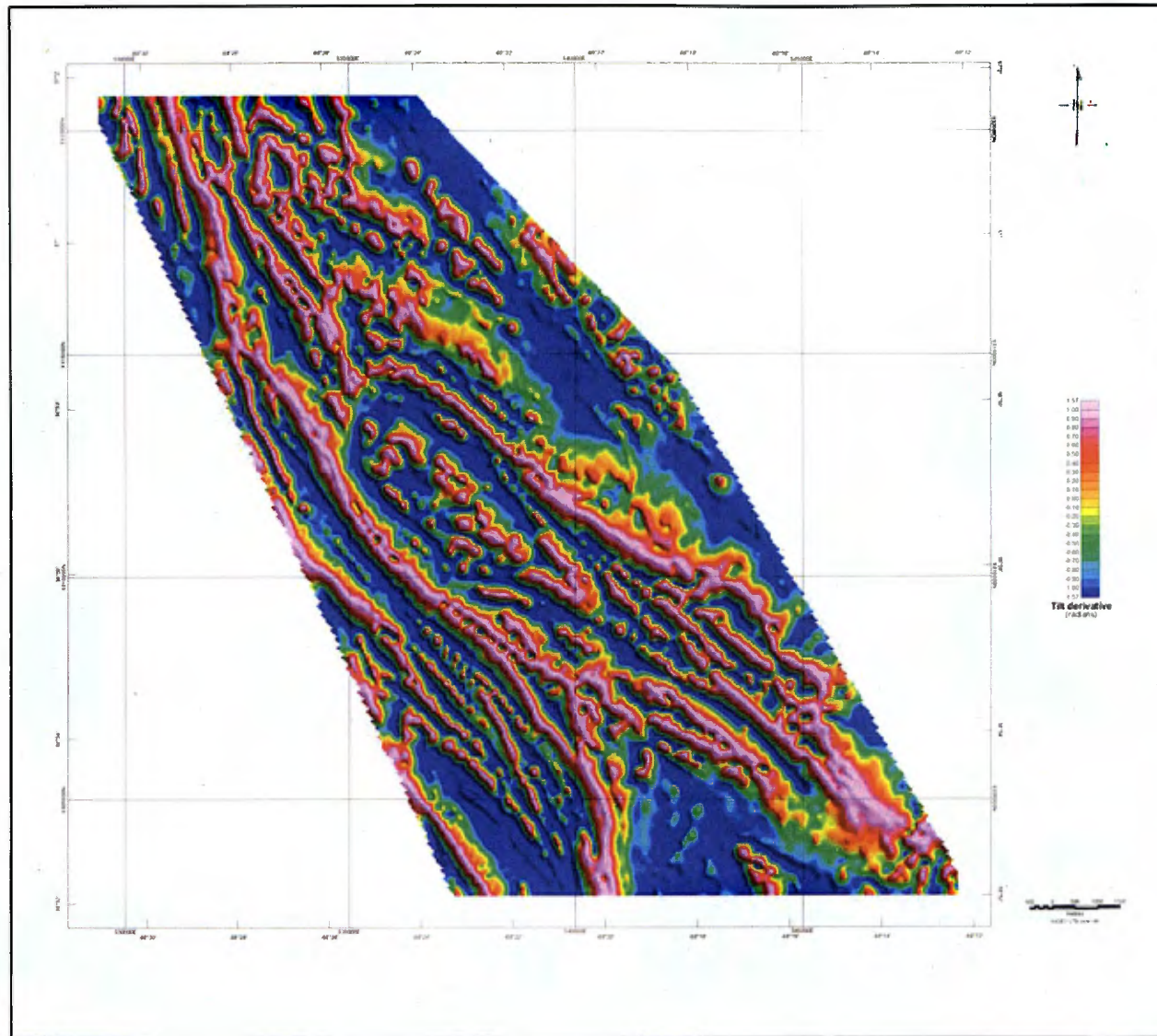


FIGURE 10: TILT DERIVATIVE MAP WITH SUN SHADING FROM THE SOUTHWEST.

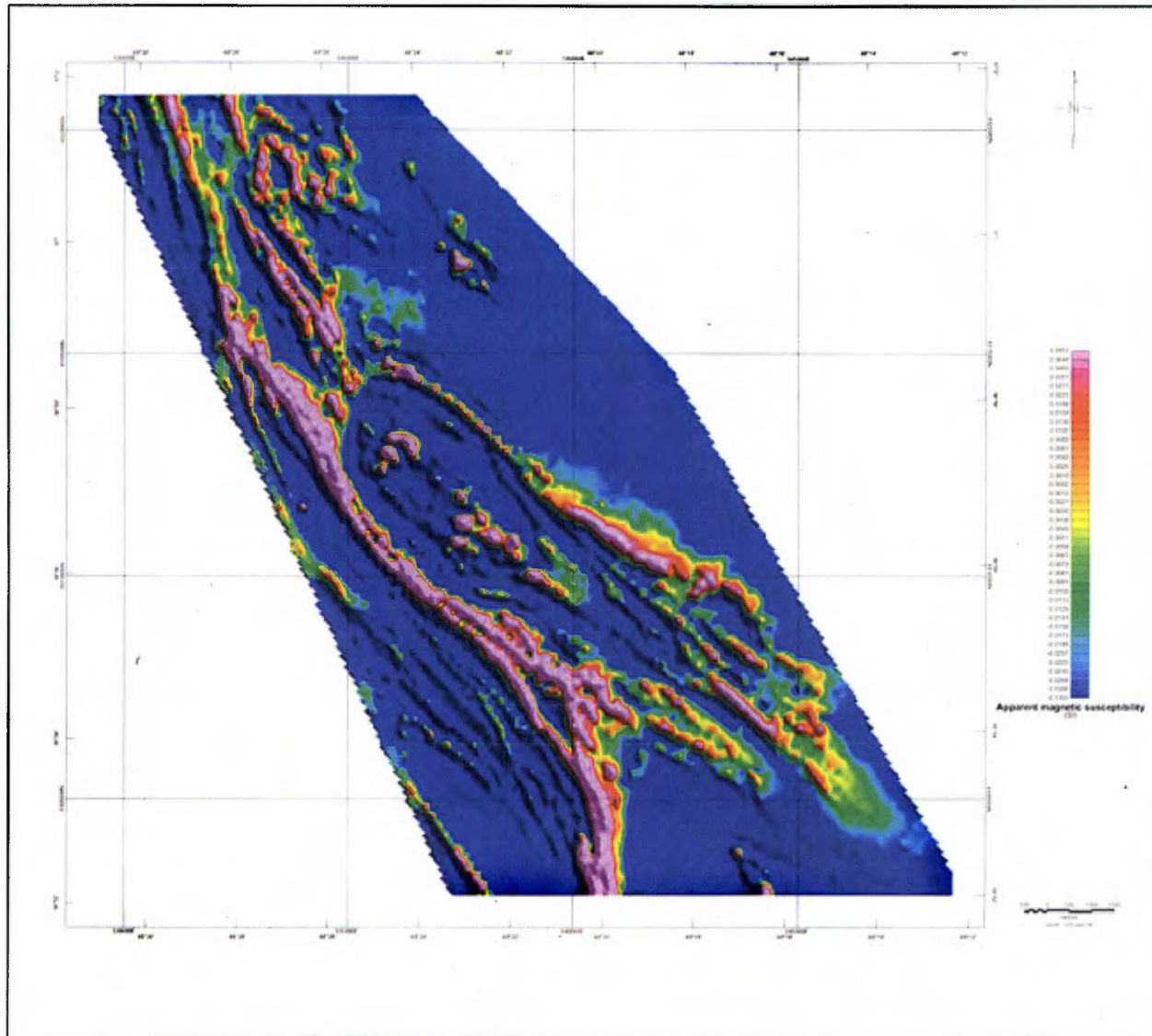


FIGURE 11: APPARENT MAGNETIC SUSCEPTIBILITY MAP WITH SUN SHADING FROM THE SOUTHWEST.

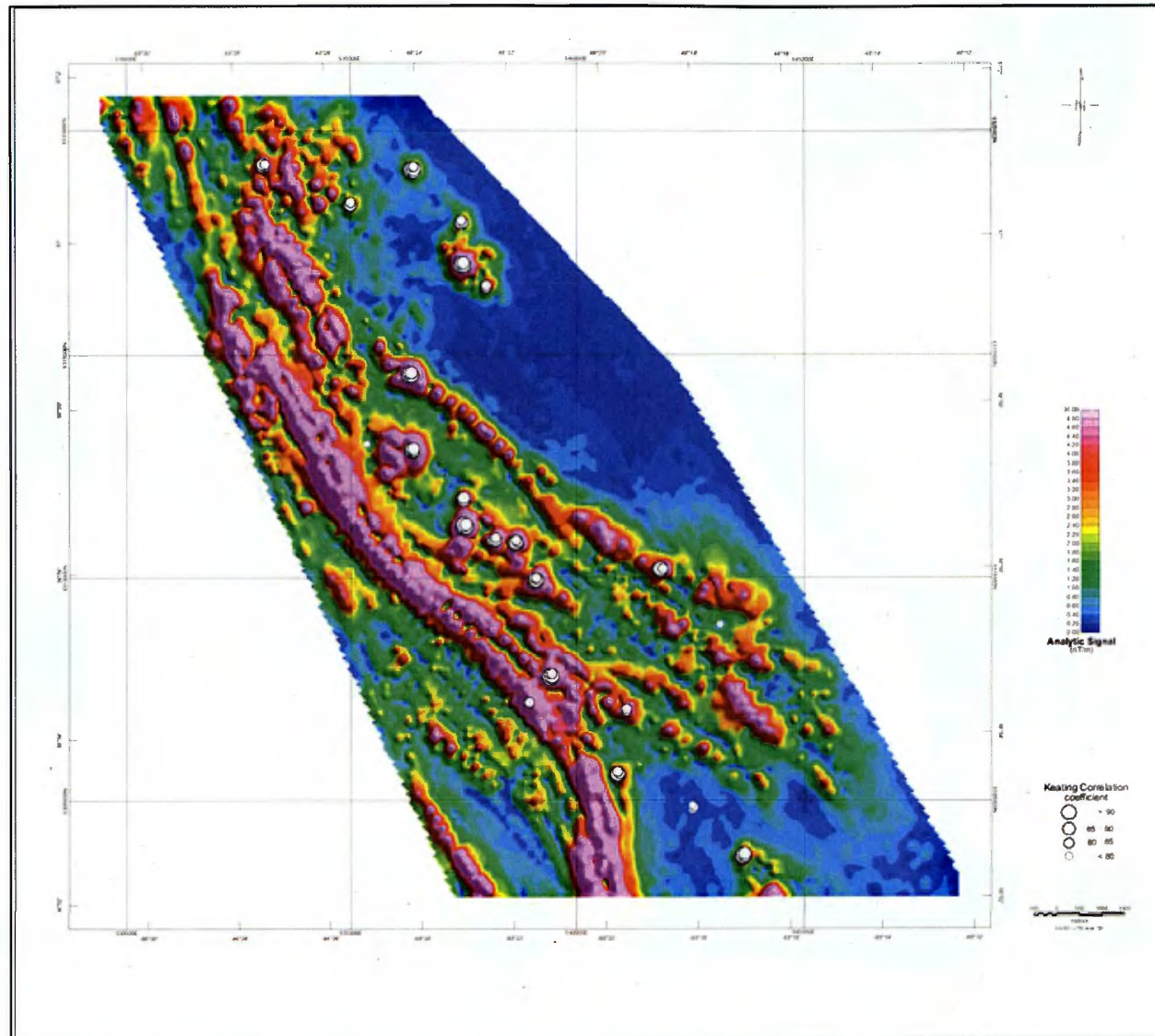


FIGURE 12: SOLUTION FOR THE RECOGNITION OF POSSIBLE PIPE-LIKE INTRUSIVE USING THE KEATING CORRELATION COEFFICIENT ON THE ANALYTIC SIGNAL

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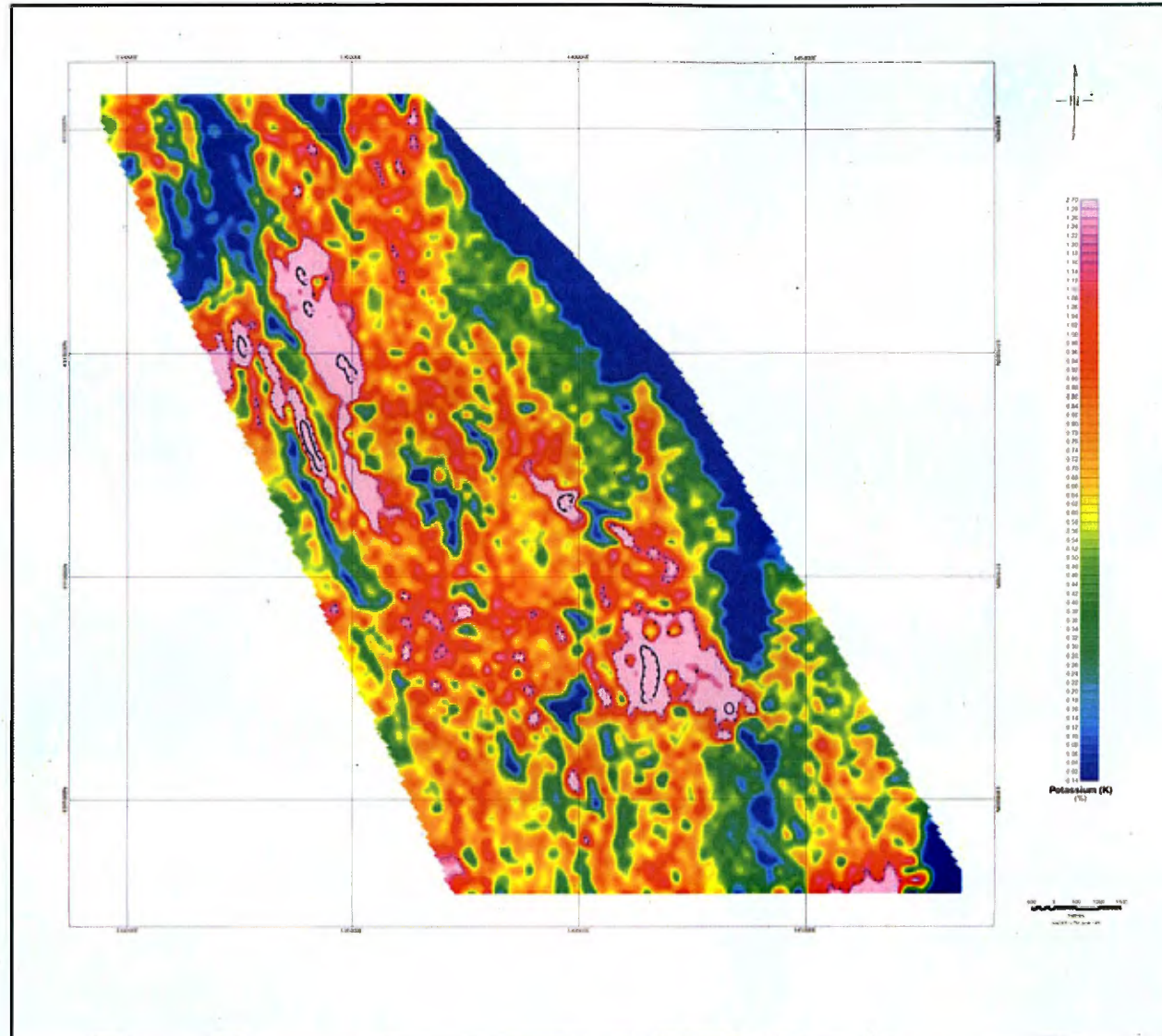


FIGURE 14: POT-POTASSIUM (K, %)

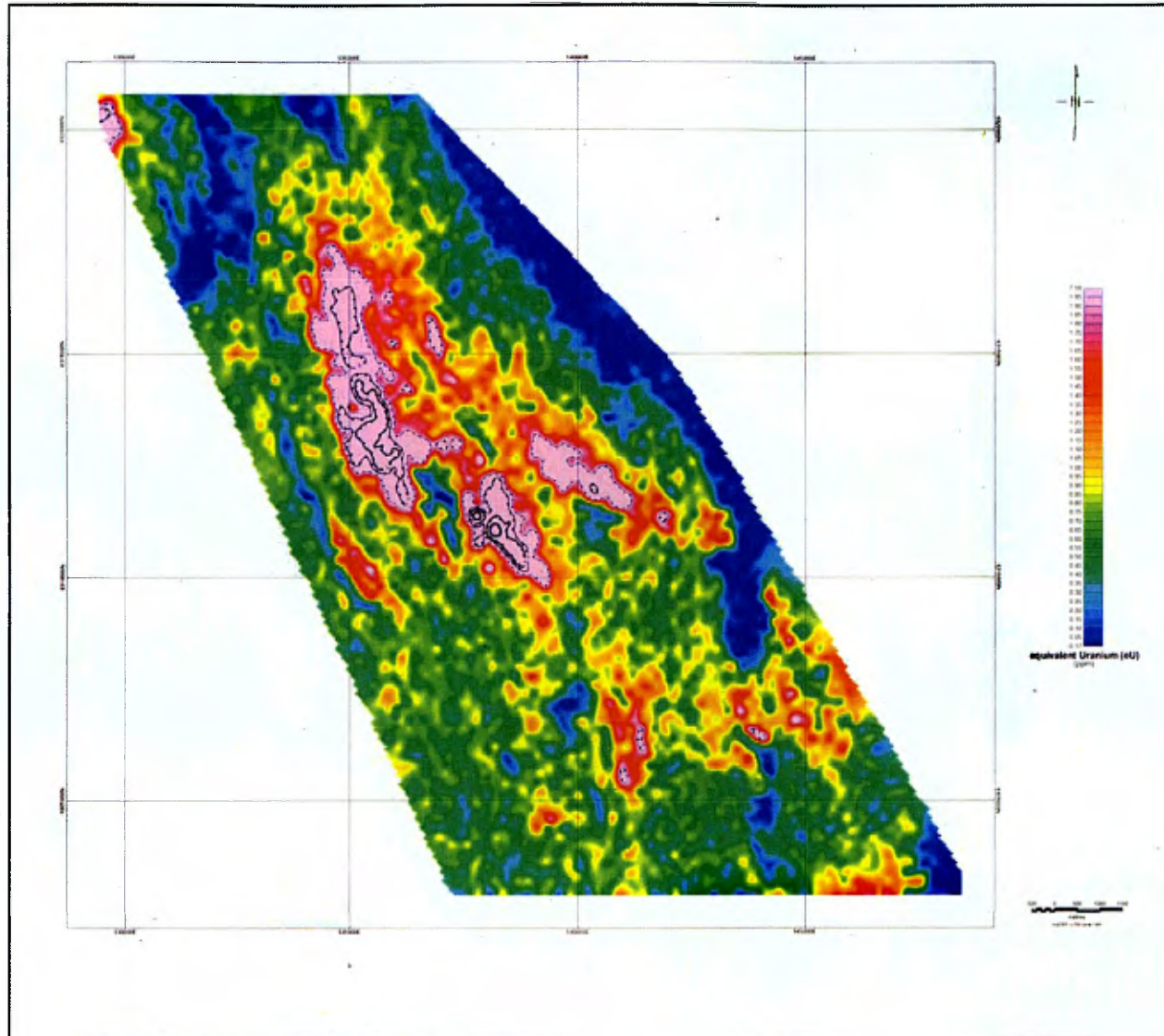


FIGURE 15: URA - EQUIVALENT URANIUM (eU, ppm)



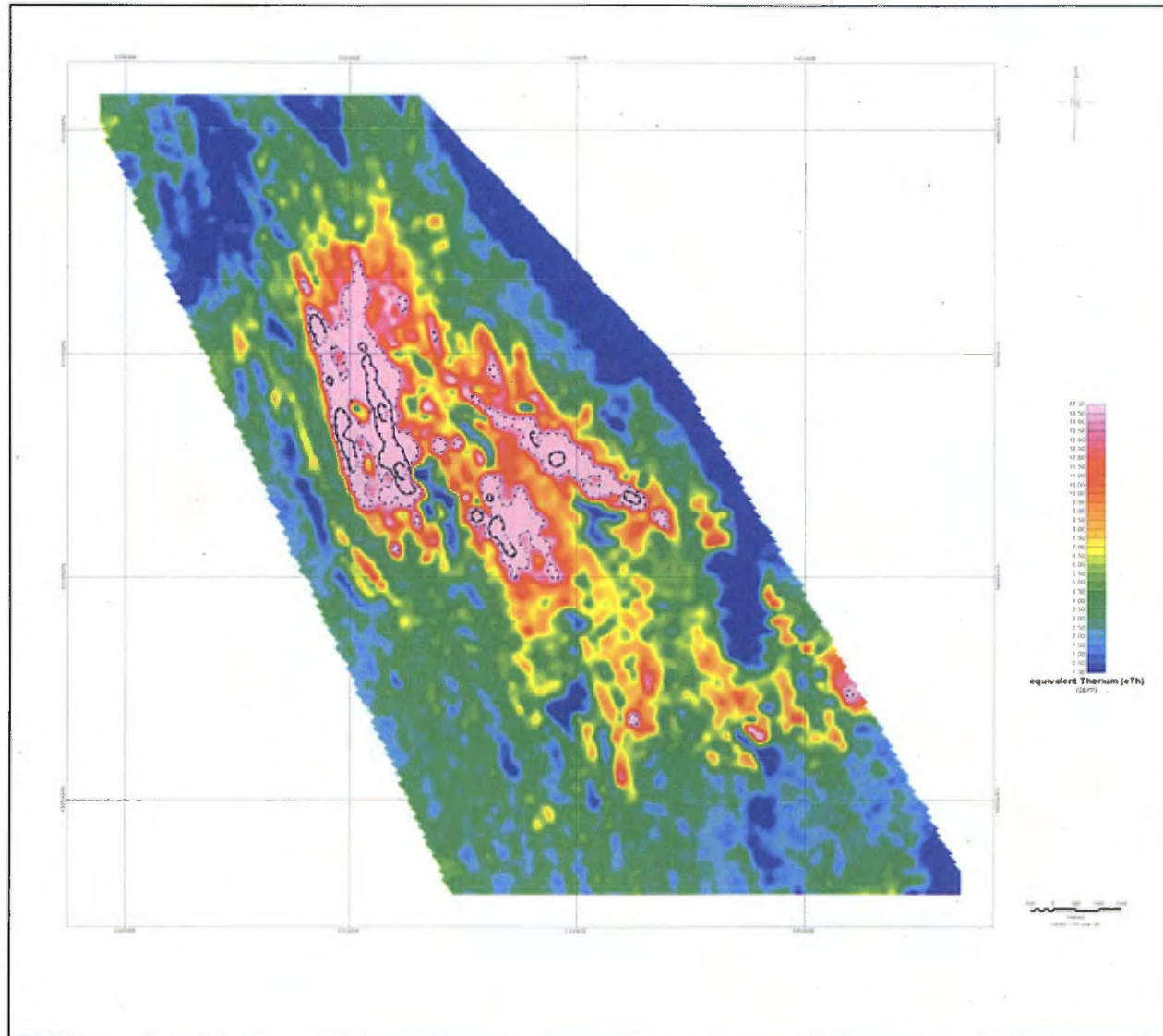


FIGURE 16: THO - EQUIVALENT THORIUM (Th, ppm)

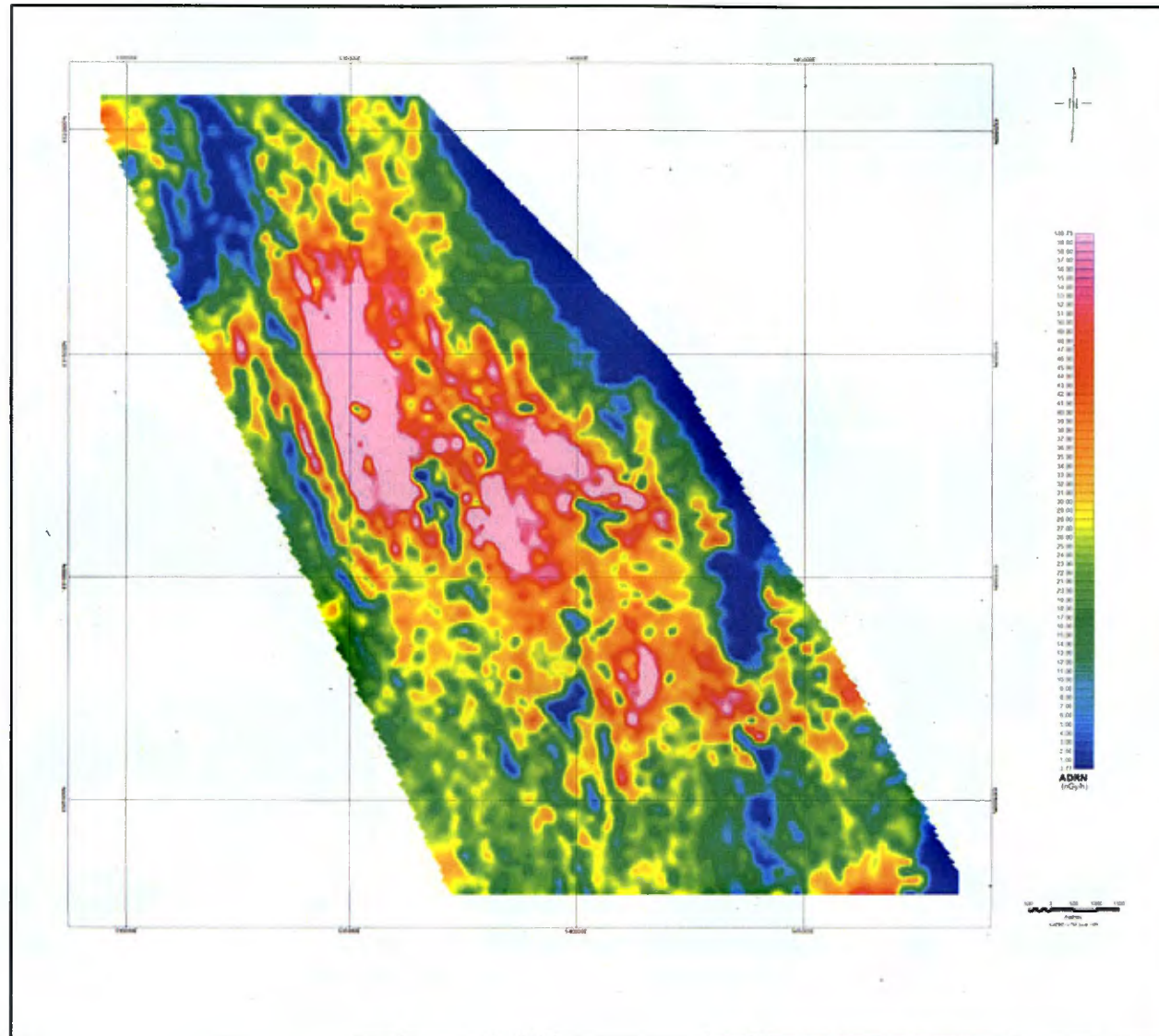


FIGURE 17: ADRN – NATURAL AIR ABSORBED DOSE RATE (nGy/h)

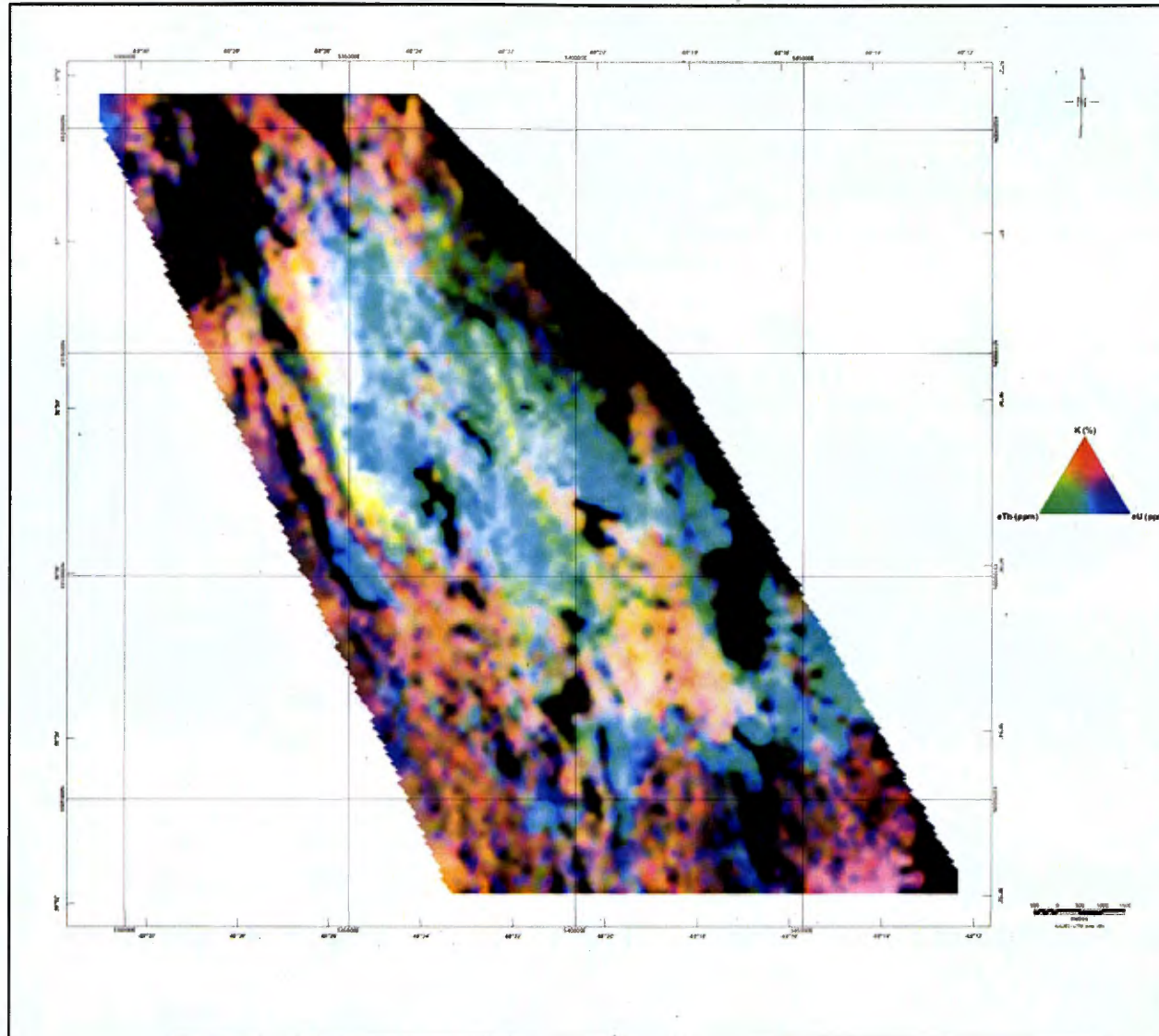


FIGURE 18: TERNARY RADIOELEMENT IMAGE (K = RED, Th = GREEN, U = BLUE)

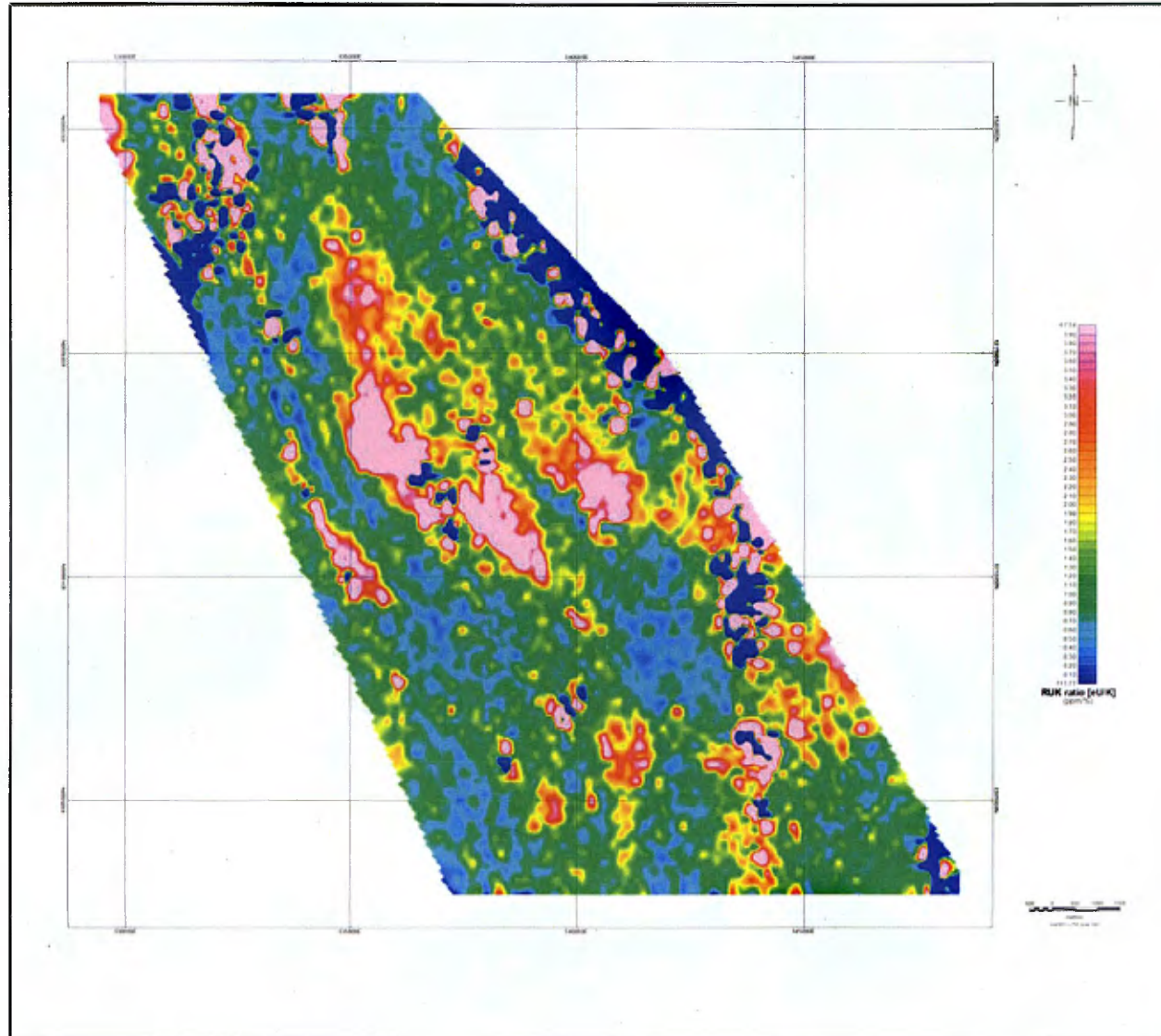


FIGURE 19: RUK- EQUIVALENT URANIUM / POTASSIUM RATIO (eU/K, ppm/%)

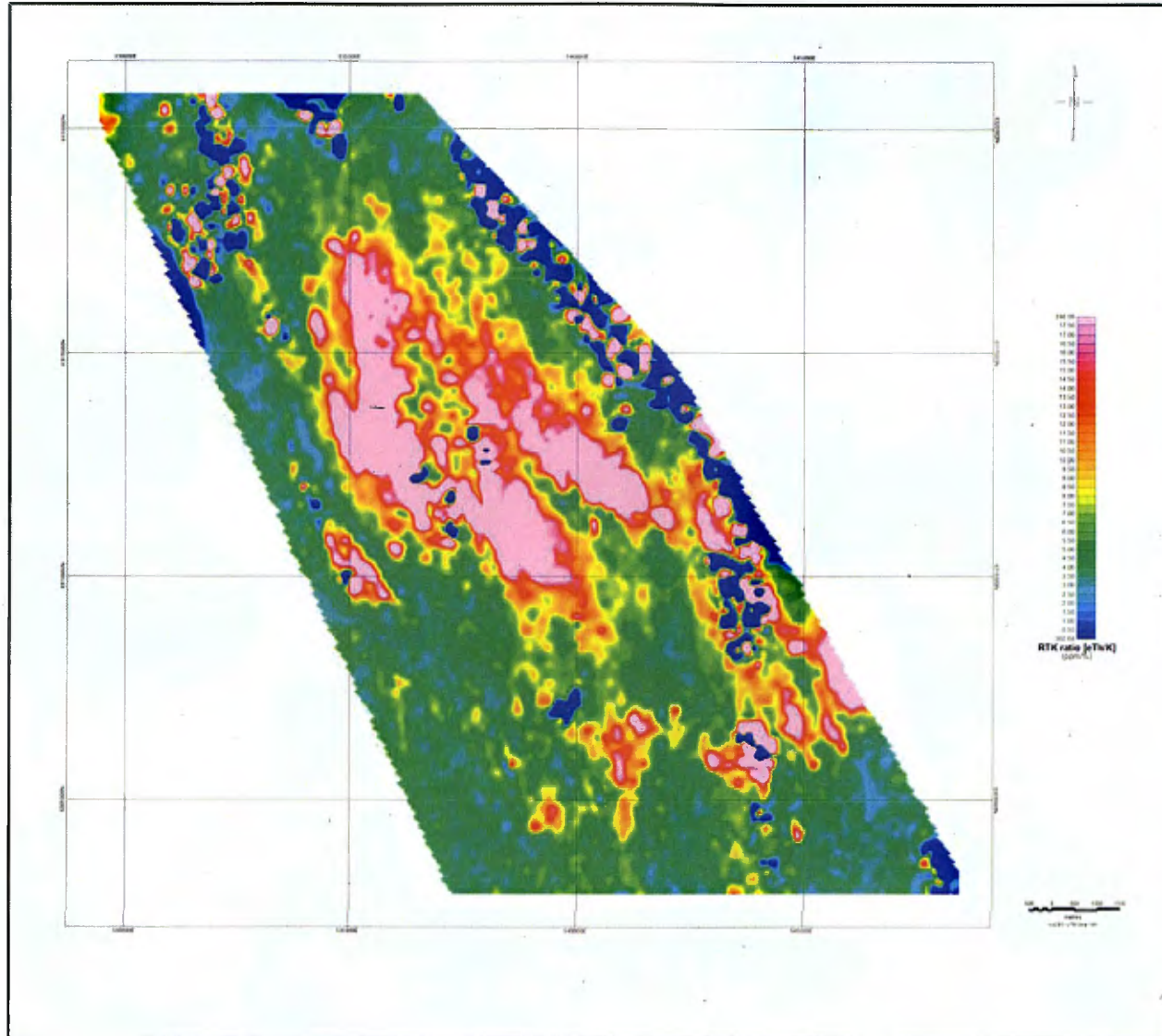


FIGURE 20. RTK- EQUIVALENT THORIUM / POTASSIUM RATIO (eTh/K, ppm/%)

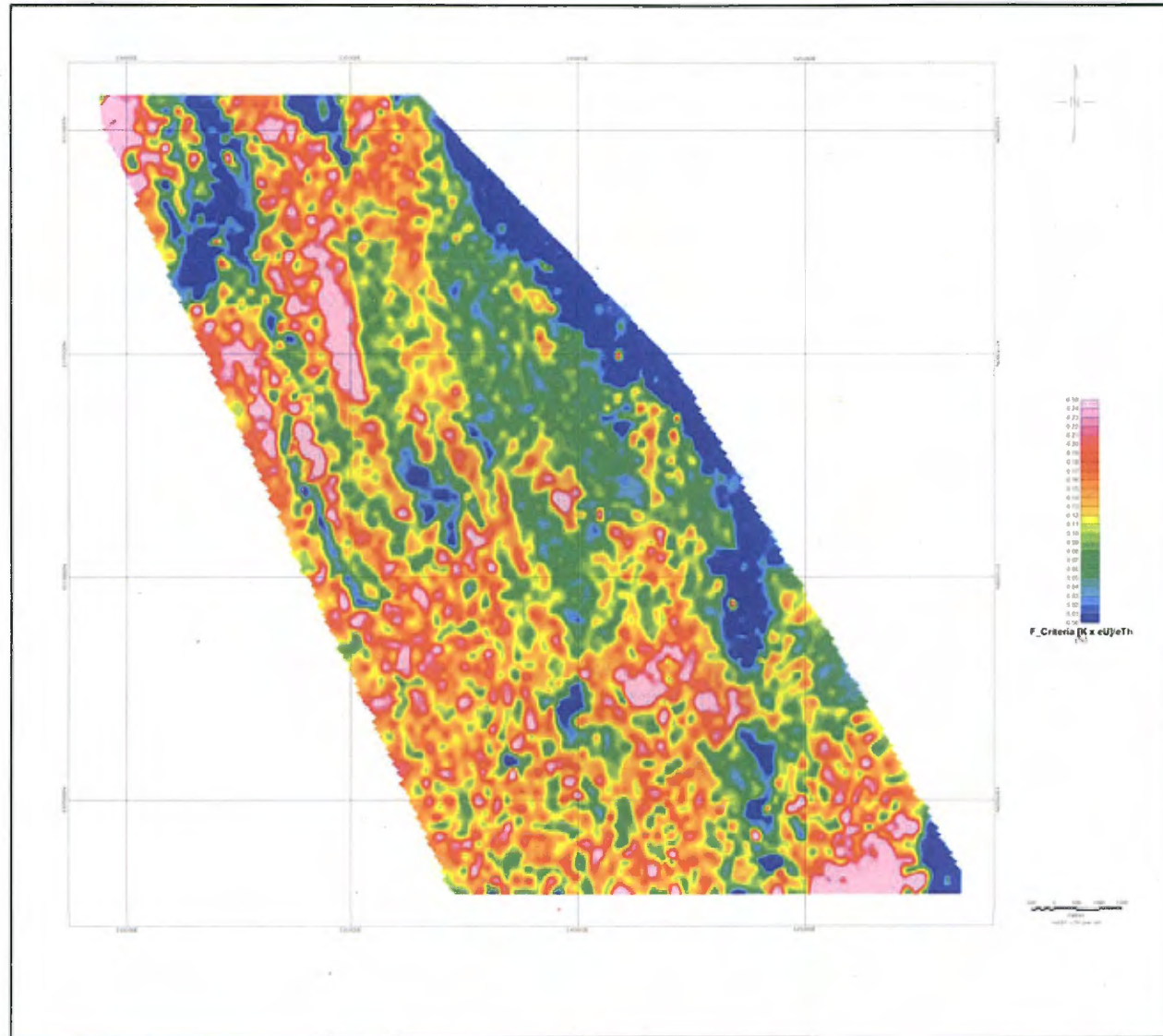


FIGURE 21. F\_CRITERIA RATIO ( $[K \times eU] / eTh, \%$ )