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GEOLOGY AND LITHOGEOCHEMISTRY, RAGLAN PROJECT, CAPE SMITH FOLD BELT, KOZMO PROPERTY

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Énergie et Ressources naturelles
Québec

RAGLAN PROJECT

Cape Smith Fold Belt

Kozmo Property

REÇU AU MRNFP
12 AVR. 2005
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Part A: Geology and Lithogeochemistry

NovaWest Resources Incorporated
and
Cascadia International Resources Incorporated

Summer 2004

Prepared by Dr. B. O. Dressler, January 2005

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SUMMARY

Geological mapping, sampling, prospecting work and diamond drilling were performed by a team of geologists, drillers, and prospectors working for NovaWest Resources Incorporated (the company) and Cascadia International Resources Incorporated on the NovaWest Raglan Project properties in the Cape Smith Fold Belt, Ungava region, northern Quebec, during the summer of 2004. NovaWest Resources Incorporated acted as project operator.

The company owns four claim blocks in the fold belt. The Kozmo (formerly Maverick) Property is subject of this report. It is 74 km^2 large and lies to the west of the central Main Block, which is 596 km^2 in size. The smallest block, the Thunder Property, lies to the northeast of the central area and is 7.5 km^2 in size. The fourth, the True North Property is jointly owned by NovaWest Resources Inc. (35%), Cascadia International Resources Inc. (35%), and Minera Capital Corp. (30%). It also lies northeast of the central claim block and is 174 km^2 in size. All properties are underlain by rocks of the central portion of the Cape Smith Fold Belt and are located in a highly magnetic portion of the belt.

Based on public assessment records, government aeromagnetic and geological data, and by 1997, 1998, 2003, and 2004 geological field work and 2003/4 airborne geophysical surveys of NovaWest Resources Incorporated it is apparent that the NovaWest ground is underlain by a folded and faulted, in places tectonically strongly transposed assemblage of mafic and minor felsic pyroclastic rocks and associated volcanoclastic sediments, various sedimentary rocks, basalt, felsic and minor intermediate volcanic rocks, gabbro, pyroxenite, peridotite and minor quartz gabbro. Carbonatites and lamprophyres also occur, but are of minor significance. This assemblage is associated with several strong, west-southwest trending aeromagnetic and electromagnetic anomalies.

The Kozmo Property is underlain by rocks of the Povungnituk Group, an assemblage of metavolcanic and metasedimentary rocks intruded by Katiniq peridotites, pyroxenites, and gabbros.

In 2004, geological fieldwork and prospecting was carried out on all four of NovaWest's properties. The Kozmo area was revisited to collect additional information and assay samples. As in previous years, efforts were concentrated on prospective terrain underlain by mafic-ultramafic sills accompanied by geophysical anomalies. 21 field samples were taken for geochemical analysis, 16 of which were for assays and 5 for whole-rock analysis to help in better identification of some specific rock units. Several holes were diamond drilled. Results obtained from fieldwork and drilling warrant further exploration efforts in future years.

This report is presented in three parts. The present Part A describes the 2004 geological mapping and prospecting efforts and the lithogeochemical investigations. Part B deals with the 2004 drilling campaign. In Part C of the report on the central, main claim block,

the geochemical assay certificates of ALS CHEMEX of Vancouver, BC., for all four properties are reproduced. A fourth part of the report, on geophysical ground surveys, has been prepared by Crone Geophysics and Exploration Ltd. of Mississauga. Ontario.

INTRODUCTION

General

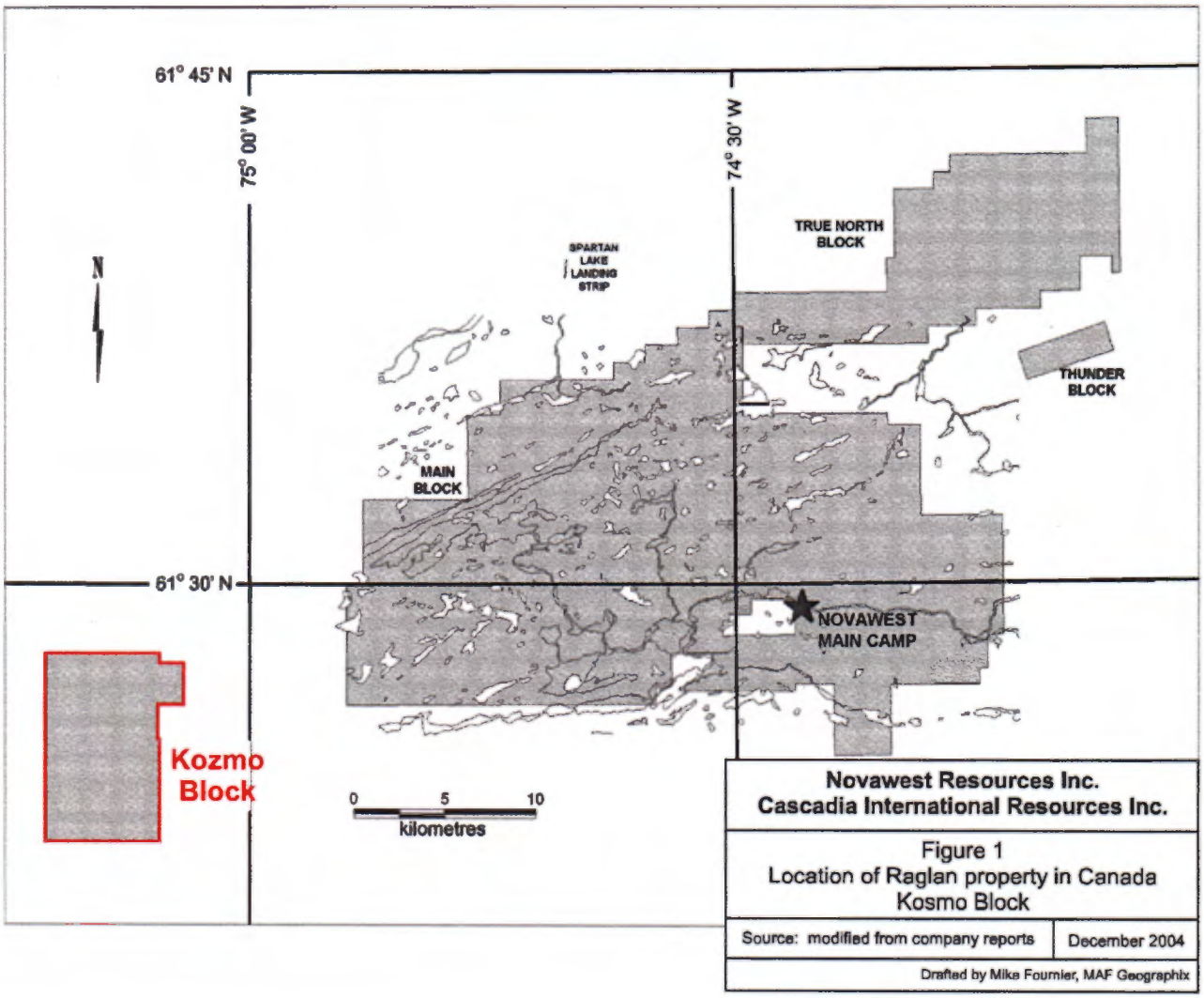
The purpose of Part A of this report is to present the results of geological and prospecting field work and geochemical studies done during the summer months of 2004 on NovaWest Resources Incorporated properties, located within the Cape Smith Fold Belt. The work was performed by personnel of NovaWest Resources Incorporated of Vancouver, B.C. and consisted of geological mapping, prospecting, and sampling at various scales, and petrographic and petrochemical follow-up. A few holes were diamond drilled in the Kozmo Property to test geophysical anomalies or to investigate at depth mineralized surface showings accompanied by geophysical anomalies (see Part B of this report).

Maps and reports of a helicopter-borne AeroTem geophysical survey flown for NovaWest Resources Incorporated in 2003 have previously been submitted for assessment credit and are not part of this report. The geophysical survey maps show a large number of anomalies that warrant testing by drilling wherever they coincide with prospective lithologies, mineralized surface showings, and/or lithogeochemical anomalies. Geophysical ground surveys over several prospective areas were also conducted. Results are presented in the report by Crone Geophysics and Exploration Ltd. submitted for assessment credits.

2004 Properties of NovaWest Resources Inc.

The four NovaWest/Cascadia exploration properties are located in Northern Quebec (Fig. 1). The main, central claim block is covered by NTS sheets 35 G/7 E and W, 35G/8E and W, 35G/9E and W, and 35G10E and W. The Thunder property is located in map area 35G/9E, the Kozmo (Maverick) Property in 35G6E. The main block is centered at approximately 61° 32' N, 74° 33' W and covers 596 km^2. The Kozmo block is about 74 km^2, the Thunder area approximately 7.5 km^2 in size. The centre of the Kozmo area is located at 61° 25' N, 75° 09' W, that of the Thunder block at about 61° 36' N and 74° 09' W. The True North Property is approximately 124.5 km^2 in size. Its centre lies at approximately Lat. 61° 39' 31" N and Long. 74° 15" W in NTS sheet 35G/9 W.

Three of the four properties are owned 100% by NovaWest Resources Incorporated of Vancouver, B.C. Cascadia International Resources Incorporated of Calgary, Alberta, has an option to earn up to 50 percent interest in NovaWest's Raglan Project. The fourth, the True North Property is jointly owned by NovaWest Resources Inc. (35%), Cascadia International Resources Inc. (35%), and Minera Capital Corp. (30%).



Novawest Resources Inc.
Cascadia International Resources Inc.

Figure 1
Location of Raglan property in Canada
Kosmo Block

Source: modified from company reports | December 2004

Drafted by Mike Fournier, MAF Geographix

Location and Access

The Kozmo Property is located approximately 80 km south-southeast of the coastal town of Salluit, Nunavic, Ungava Peninsula, Province of Quebec. Regional access is provided by scheduled air service to Kuujjuaq, P.Q. and from Kuujjuaq to Salluit. Scheduled flights are also available from Ottawa and Montreal to Iqaluit, Baffin Island, Nunavut, approximately 400 km northeast of the property. A public dirt airstrip at Spartan Lake usable by Twin Otter or similar fixed-wing aircraft is approximately 11 km northwest of the northern-most part of the central property (for location of this airstrip see Fig. 1). The Kozmo Property can be reached by helicopter and float-equipped fixed-wing aircraft or, in the winter, by ski equipped aircraft. Supplies are best brought in by sealift to Salluit or Deception Bay during July to October and then shuttled to the Spartan Lake air strip by Twin Otter or by helicopter or float-equipped aircraft to locations within the project area itself. A landing strip on ice on Cecilia Lake in the Main Block was constructed and used in late winter of 2003/2004 to deliver helicopter and diesel fuel to the area. Chartered aircraft is available in Iqaluit and in Kuujjuaq.

Physiography, Climate, and Fauna

The physiography of the land is characterized by rolling hills with scattered steep-sided hills and a few cliffs. Elevation above sea level ranges between 450 m in the southwestern part of the project areas and 530 m of the highest hill in the Thunder Property. Most of the land is between 490 m and 515 m elevation. The Povungnituk River flows through the southern part of the Kozmo Property. Outcrops make up 5 to 20 % of the Kozmo area, which is considerably less than in the other three properties of the company. Outcrop is especially sparse in the north and west-central parts of the property, making mapping efforts difficult. Except for some year-round snow banks the ground is snow-free from early July to mid-September. Due to some exceptional snowfall in late spring of 2004, snow disappeared only in mid-July from many parts of the area. Permafrost extends to several hundred meters below the surface and renders diamond drilling difficult.

The season for geological fieldwork is restricted to the time between mid-June and mid-September, for drilling between May and late October. Weather is unpredictable throughout the year with occasional strong winds both from the north, west and east. First snowfalls are to be expected in the second half of August and are not uncommon in September when fog, freezing rain and strong wind also render exploration activities difficult. Flora and fauna are typical of the arctic tundra. Caribou migrate through the area in mid-summer and large flocks of Canada geese and snow geese use the area for resting and feeding in September before continuation of their migration south.

Previous Work

The regional exploration history of the Cape Smith Fold Belt begins in the 1930s and reached its first peak in the mid- to late 1950s at which time most of the belt was staked, prospected and in part mapped by the government. F.C. Taylor of the Geological Survey

of Canada mapped the central portion of the belt in 1973 (Taylor, 1982). An aeromagnetic survey was flown by the Federal Government at 800 m line spacing.

Local exploration within the area of the permit was most active in the 1950s at which time the area was mapped by exploration companies. Pre-2000 results of reconnaissance mapping and compilation results by several companies can be viewed in assessment files available from the Quebec Ministère des Ressources naturelles, Québec City, Québec. Acquisitor Resources Ltd., Asarco Nickel Company Ltd, Cominco Ltd., Falconbridge Ltd, Imperial Platinum Corporation, Nuvilik Mines Limited, Ressources Oasis Ltd., and Tazin Mines (Quebec) Limited are among the companies that conducted exploration projects in the areas presently under investigation by NovaWest/Cascadia and in neighbouring areas. For example, Tazin Mines (Quebec) Limited explored an area west of Latitude 74° 30' W including the 1998 SUB permit of NovaWest Resources Incorporated which is part of the present NovaWest ground. Nuvilik Mines Limited conducted a helicopter-borne electromagnetic and magnetic survey in 1971 over part of NovaWest's ground. The company did not report on any significant follow-up ground surveys (Quebec Min. Richesses naturelles; GM 27641). An extensive exploration program was conducted by Falconbridge Limited over an area of 333 km^2 in 1986. The work covered part of NovaWest's 2004 project areas and consisted of total Mag, HEM and VLF geophysical surveys and systematic geochemical hard rock sampling. The company reported several Mag/EM anomalies. Not all these anomalies coincide with exposures of ultramafic sills but with areas mapped as basalt. (Quebec Min. Energ. Ress.; GM 44880). A geological map (Region du Lac Beauparlant, Bande de Cap Smith-Maricourt, DP84-32, feuille sud) by the Quebec Government is available for the permit area. Several other compilation maps have been published in recent years at a scale of 1:50 000, also by the provincial government (Lac des Deux –Iles, SI-35G09-C3G—1F; Lac Dumas, SI-35G07-C3G; Lac Forcier, Si-35G08-C3G-98F; Lacs Nuvilic, SI-35G10-PG3-02A compiled by D. Lamothe, J. Nadeau, and S. Dufour, 1998a, b, 2000a, b, c, 2001a, b, 2002). These maps and the results of the present and previous field investigations by NovaWest Resources Incorporated personnel were used to compile the geological map that accompanies the present report (back pocket of this report). In 2004, the author of this report, H. Pitson, and M. Brisebois mapped parts of the Kozmo area that were not mapped by NovaWest personnel in 1997, 1998, and 2003. J. Forbes prospected much of the south-central parts of the property.

2004 Work Program

The 2004 summer field program in the NovaWest Resources Incorporated Raglan properties was a geological exploration, prospecting, sampling, and drilling program. It was conducted from mid-June to mid- September from a base camp located at the bank of the Little Puvungnituk River close to the Delta property of Falconbridge Limited. In 2003, a helicopter magnetic- electromagnetic "AeroTem" survey was flown over three of the four properties of NovaWest. A fourth AeroTem survey was flown over the True North Property in August of 2004. Ground geophysical surveys over a few prospective areas were performed by a crew of Crone Geophysics and Exploration Ltd. to aid in selecting drill targets.

In 2004, Dr. Burkhard Dressler, was supervisor of the mapping and prospecting program and is also submitting the present assessment report. Detailed prospecting was performed by 3 geologists, occasionally with the help of a student assistant, and one prospector concentrating on areas marked by strong magnetic and electromagnetic anomalies. Rock samples were taken from outcrops and from sulphide-mineralized float or frost heave.

In 2004, 21 rock samples were collected from a large number of investigated locations (outcrop, outcrop areas, and frost heave). All samples were analyzed for Ni, Cu, Co, major platinum group elements and a range of standard silicate mineral-forming elements. Table 1 lists the 2004 mapping stations and in Table 2 and 3 assays and whole rock analyses are presented. A fourth table contains petrographic notes of a small number of rock samples. Anomalous assays for the elements that are the main focus of the present exploration effort, namely nickel, copper, and the platinum group elements platinum and palladium are high-lighted in the tables. Table 1 provides the NAD 27 UTM coordinates for all mapping stations and for the analyzed samples. The reader is referred to Part C of the report on the central claim block of the company for a complete compilation of all geochemical data. – The UTM coordinates were obtained by using modern hand-held global positioning system instruments with an accuracy of +/- 5 m.

Results of the drilling campaign are documented in Part B of this report.

Format of Data Presentation

A geology map of the property is in a back-pocket of the report. Four tables list mapping station descriptions, geochemical data, and petrographic notes. Locations from where anomalous assay samples were collected are shown on the geological map.

GEOLOGY

The Cape Smith Fold Belt: Exploration History and Ni/Cu/PGE Mineralization

Taylor (1982), in a report on reconnaissance mapping performed in 1973, provides a summary of previous work until 1980. He notes the first mention of volcanic rocks in the region (1902) and the first prospecting in the 1930's. In the 1950's, prospecting resumed and Quebec provincial geologists started their long and detailed mapping association with the belt. Asbestos was found in the late 1950's, and nickel was found at the Donaldson property (Raglan Lake). Prospecting has also yielded other interesting properties in the region. Taylor (ibid, p.29) suggests that "further nickel prospecting should be concentrated in the lower parts of the ultramafic sills in the high magnesium basalts". Subsequently, development has gone ahead on the Katiniq deposit, situated at this geological position. Taylor also suggested that "rocks in the area east of Chukotat Lake, west of Lake Watts and south of Nuvilik Lakes are compatible with exhalative concepts

of mineral deposition because chert, carbonates and felsic volcanics are commonly present".

The eastern part of the belt was mapped by St. Onge and Lucas (1990) at 1:50,000 scale in 1986. Quebec provincial geologists have been active in the Raglan Project area. Their 1:20,000-scale mapping resulted in the publication of a number of maps at a scale of 1:50, 000 (D. Lamothe, J. Nadeau, and S. Dufour; 1998a, b, 2000a, b, c, 2001a, b, 2002) and of several geoscience reports (e.g. Lamothe, 1984; Giovenazzo, 1985a, b). Latest prospecting in the area focused on PGEs. Much research work has focused on the magnesian extrusives and intrusives and their associated mineral deposits. Other studies have focused on the tectonic history of the area.

A comprehensive report on the Proterozoic mafic and ultramafic intrusive rocks of the central part of the belt based on field work carried out in 1986-88 provides a current summary of the previous work, petrography, geochemistry and mineral deposits in the general region of the NovaWest Raglan Project (Picard et al, 1994). Briefly, Picard et al. conclude that three horizons of mineralized ultramafic dikes and sills are present, from bottom to top: a) Vaillant Horizon in the Dumas Formation, b) Delta Horizon in the Lac Cecilia Formation, c) Raglan Horizon at the interface between the Puvungnituk and the overlying magnesian (komatiitic) Chukotat Groups. In particular they note two types of magmatic mineralization:

a) Well differentiated mafic-ultramafic sills have low content of sulphides except in thin reefs of sulphides in the gabbroic part.

b) Feeder dikes for ultramafic sills that are not differentiated may contain, near their base, sulphides enriched in Ni and PGE. They further note that later remobilization has played a major role in concentrating the sulphides richer in copper and palladium near shears and other tectonic elements.

Regional Geology and Mapping

NovaWest's claim blocks are located in the centre of the Cape Smith (Fold) Belt or Fosse de l'Ungava. The overall architecture and major subdivisions of the belt are briefly outlined followed by a short discussion of the exploration potential of different strata of the belt.

The Cape Smith Belt is an east-west trending Proterozoic fold belt in the Ungava Peninsula of northern Quebec that lies between the Superior Province to the south and the Churchill Province to the north. In a cartoon sketch dated 1996 the QDM presents a recent overview of the fold belt. The basic structural elements are readily apparent: a supracrustal belt traversed by east-west striking, north dipping faults cutting blocks of north dipping supracrustal rocks. A northern, more highly metamorphosed domain is separated from a less metamorphosed southern domain by a postulated fault (Bergeron Fault).

Attention will be focused on the southern domain since it is better understood and all the claim blocks of the 2003 NovaWest Raglan Project, including the present Kozmo Property, are within it. The southern domain is subdivided into 3 major groups: Lamarche, Povungnituk and the Chukotat Groups. From the bottom (south) to the top (north) the lithostratigraphic sequence is as follows:

Lamarche Group:

Conglomerate, sandstone, dolomite, quartzite, phyllite and locally iron formation. The Lamarche Group overlies Archean gneisses of the Superior Province.

Povungnituk Group:

Dumas Formation: Basal sediments cut by diabase sills, overlain by massive tholeiitic basalt.
Beauparlant Formation (Beauparlant Subgroup of Lamothe et al., 1983): Continental tholeiitic basalt with intercalations of siltstone and volcanoclastics.
Cecilia Formation: Local lenses of volcanoclastics (basic and felsic), locally alkalic, with local felsic domes. Topped by greywacke and siltstone.
Nuvilik Formation: Local lenses of volcanoclastics overlain by greywacke and graphitic and sulphidic siltstones.

Chukotat Group:

Lies structurally on top of the Puvungnituk Formation.
Pillowed basalts grading from olivine rich flows to pyroxene basalt. Associated with the Chukotat are 3 horizons of ultramafic dikes and sills (feeders?). Detailed work by Picard et al. (ibid) shows that several magma pulses with slightly different compositions formed intrusions (ultramafic horizons in the Povungnituk) and coeval extrusions (Chukotat).

Mafic and ultramafic sills of the so-called Katiniq Intrusive suite of St. Onge and Lucas (1990b) are hosted by volcanic and sedimentary rocks of the Povungnituk and Chukotat groups and are interpreted to be consanguineous. St. Onge and Lucas have obtained a U/Pb radiometric age on baddeleyite of 1920 Ma for the sills. The sills can be arranged, from oldest to youngest, as follows:

a) diabase dikes in tholeiites (Povungnituk, plagioclase-phyric).

b) initial magma (15%), differentiated peridotite-gabbro-ferro gabbro: Delta 1 and 3, Romeo.

c) dikes and sills of peridotite and pyroxenite (Mequillon, Bravo, Delta 2b, -2c, -4 deposits) and horizon of Raglan (Cross Lake, Katiniq, Donaldson deposits) and the horizon at Vaillant are related to Chukotat: A more magnesian (19% MgO) pulse includes Delta 2b and Delta 4 as well as lava lake at Katiniq: A

less magnesian (17% MgO) pulse is responsible for differentiated sills at Vaillant, perhaps at Cross Lake and komatiitic basalt in the Chukotat Group.

d) differentiated sills with gabbro and ferrogabbro near Lac Dumas are coeval with plagioclase-phyric basalt of the Chukotat Group.

According to St.Onge and Lucas (1994) and other researchers, the nickel-copper-platinum group element mineralization in the Ungava Fold Belt is hosted by these mafic and differentiated mafic-ultramafic bodies that form sills and dikes, lava lakes and channelized lava flows. Apparently, the Raglan and Delta horizons are the principal ore-bearing zones. The Raglan is found near the tectonic boundary between the Povungnituk and Chukotat groups. The Delta horizon lies within the Povungnituk Group. "Deposits in the Raglan horizon are associated with relatively distal sedimentary units of the Povungnituk Group. In contrast, the Delta horizon occurs in more proximal (quartz-rich) facies of the Povungnituk Groups which is interlayered with volcanic rocks and marked by a profound decrease in the proportion of fine-grained, sulphide beds relative to the Raglan horizon." On the basis of sulfur isotope studies, the sulfur of the ore bodies was probably derived primarily from the melting and assimilation of sulphide-bearing sedimentary rocks during the emplacement of the mafic/ultramafic igneous bodies. The spatial association of mafic/ultramafic igneous rocks with sulphide-bearing sedimentary rocks, therefore, is considered to represent potential exploration targets. During the present investigation, emphasis was placed on prospecting this association. Diamond drilling by the company (Hole NW03-13) has shown that substantial footwall mineralization can occur beneath the ultramafic sills, where they may form dike-like bodies or more irregularly shaped bodies. These bodies probably represent sulphide accumulations derived from the overlying sills.

Local Geology

General

The four properties of NovaWest/Cascadia provide an almost complete north-south section across a central part of the Cape Smith Fold Belt and are located just west of an area where Falconbridge Limited owns three commercial ore bodies, namely the Katiniq, Donaldson, and Cross Lake bodies, the latter one lying only a few hundred meters to the east of the NovaWest Main Block Property. Both the Thunder and True North properties are located very close to Falconbridge's Cross Lake deposits.

No attempt has been made to subdivide the rock units investigated into the various lithostratigraphic units briefly described above. The following summary descriptions are listed in the same sequence as the rock units in the legend of the geological map that accompanies the present report (in back-pocket). The sequence does not imply a stratigraphic order. All rocks were subjected to greenschist facies metamorphic overprint. Intrusive bodies are commonly bordered by thin zones of hornfelsed rocks.

Rock Units

The following main rock units have been recognized:

Map Unit 1: Basalt

Basalts are the most common rocks in the area of investigation. They are gray to greenish gray in colour and fine grained. Pillowed basalts are common. Pillow breccias and flow breccias have been observed. Contacts between individual flows have been noted but were not mapped in any detail. They commonly trend more or less parallel to the general trend of rock units and, at least in places, the trend may reflect tectonic transposition. Sedimentary interflow units are not common and consist commonly of gray siltstones and mudstones. Mafic pyroclastic rocks (Map unit 2) also form interlayers in basalt but commonly also have not been differentiated on the geological map.

Map Unit 2: Mafic Pyroclastic Rocks

Mafic pyroclastic rocks occur as minor interbeds in map unit 1 but also underlie large parts of the area, mainly in the south-central sector of the Kozmo claim block.

Pyroclastic rocks are commonly carbonate-rich and, in many places, deformed. Interbeds of siltstone, mudstone, and dolomite have been noted.

Map Unit 3: Rhyolite

Felsic metavolcanic rocks occur in the area and are relatively common in the southern part of the Kozmo Property.

The rocks of map-unit 3 have all been classified as "rhyolite". No attempt has been made to geochemically classify felsic volcanic rocks.

Map Unit 4: Intermediate metavolcanics

These rocks have not been identified in the Kozmo Property.

Map Unit 5: Metasedimentary rocks

Outcrops of metasedimentary rocks are scarce in the area described in this report. Very few outcrops of these rocks have been noted in the central and northern part of the property. However, siltstone was encountered in a drill hole near the centre of the property (see Part B of this report), In the southern portion of the property, sedimentary rocks are somewhat more common (see geological map that accompanies this report). Siltstone, chert, dolomite, mudstone, shale, and ironstone have been noted.

Katiniq Intrusive Rocks (Map Units 6, 7, and 8)

It is beyond the scope of this assessment report to provide a comprehensive account on the petrography of the ultramafic and mafic igneous rocks in the area. For more information, the reader is referred to a most-detailed report authored by Picard et al. (1994). The rocks form long, in places folded sills that, in places, cut across most of the main NovaWest claim block. They are strongly magnetic causing significant magnetic anomalies. In most of NovaWest's properties, they are also associated with strong electromagnetic anomalies. However, commonly these electromagnetic responses may, in total or in part, be the result of graphitic and/or sulphide-bearing sedimentary rocks in contact with the sills and not caused by conductive minerals in the sills themselves. Magnetic, mafic and ultramafic rocks, not associated with electromagnetic responses, are present too. This may be a result of the absence of sulphide-bearing rocks in contact with them or of the absence of sulphides close to surface within the sills. The three common sill forming rocks are peridotite (+/_ dunite), pyroxenite and gabbro. They commonly form composite sills. Sills consisting of gabbro or peridotite only also occur.

Map Unit 6: Peridotite

Peridotites are commonly strongly serpentinized, dark greenish gray and brown weathering. Serpentinization results in the release of magnetite that in addition to primary magnetic constituents of the peridotite makes the rock strongly magnetic. No attempt has been made in the field to differentiate for the production of the map of Figs. 2, 3, and 4 peridotite from dunite, defined as a rock originally containing >90% of olivine. For more detail see Picard et al. (1994).

Map Unit 7: Pyroxenite

Pyroxenite is volumetrically less abundant than the peridotite. Normally, the original rock texture can be more easily distinguished than that of peridotite. Altered pyroxenes are normally less than 0.5 to 1 cm in size. Coarser pseudomorphs after pyroxene have been observed. For more detail, see Picard et al. (1994).

Map-Unit 8: Gabbro

Gabbros form the upper layer of differentiated sills, but sills/dikes consisting of gabbro only have also been observed. In comparison with peridotites and pyroxenites, they commonly clearly exhibit their pristine rock texture despite a pervasive greenschist facies metamorphic overprint. The gabbros are fine- to medium-, rarely coarse grained. Leucocratic gabbro occurs but is not common. – Again, for more details the reader is referred to Picard et al. (1994).

Carbonatite and Carbonatitic Pyroclastic Rocks

In the south-central sector of Kozmo, several outcrops of a carbonate-rich pyroclastic rock were noted that have interlayers of a grey, in places flow-layered, carbonate-bearing rock. These interlayers are up to 50 cm thick. Within the pyroclastic rock, small nodules were observed that are aphanitic and light greenish grey. They contain ilmenite crystals and a light pinkish translucent, yet not identified mineral, both up to about 1.5 mm in size. Table 3 lists whole rock analyses of the carbonate-bearing interlayers. - It is not unlikely that some of the carbonate-bearing tuffs (mapped as part of map-unit 2 in NovaWest's properties) actually represent carbonatite tuffs. – No specific map unit has been used to identify the map location of these potential carbonatitc rock. They were noted in a few places marked by the word "carbonatitic" on the geology map (back pocket of the report).

In Fig. 2, scanned images of standard-size thin sections of selected samples are presented. Table 4 lists corresponding descriptions.

Structural Geology

The area is characterized by long, roughly west-southwest trending lithological units in the southern part of the Kozmo claim block. In the central part of the property, the rock units are folded in places (see geological map in back pocket). A few, mainly northeasterly trending faults have been mapped.

LITHOGEOCHEMISTRY

There are virtually several hundred electromagnetic conductors on historic airborne geophysical survey maps published with various company reports submitted for assessment credit and the recent survey maps acquired by NovaWest from AeroQuest of Milton, Ontario. It is impractical and would be extremely expensive to explore all these anomalies by drilling. For these reasons, NovaWest Resources Incorporated initiated an intensive lithogeochemical sampling program in 1997, hopefully, to discover mineralized haloes around non-exposed ore bodies. In 1997, 1998, 2003, and 2004 more than two thousand samples were collected by the company for geochemical analysis. In 2004, a relatively small number of 21 field samples were collected by one prospectors and three geologists in the Kozmo area. Analytical services were provided by ALS CHEMEX of Vancouver, BC. Table 2 lists all 2004 ground sample assay results for Ni, Cu, Pt, and Pd. In this Table, the UTM locations of all analyzed samples are also listed. Table 3 presents several whole rock analyses obtained to properly identify uncommon rock units. All 2004 lithogeochemical results are presented in the original laboratory certificates of Part C of the report on the central, Main Block of NovaWest/Cascadia. Analytical methods are noted in the first row of the certificates.

GEOPHYSICS

In general, Katiniq intrusive rocks are characterized by causing strong magnetic and, in places, electromagnetic responses. Strong electromagnetic anomalies are also associated with graphitic and/or sulphide-rich, and, therefore, conductive metasedimentary rocks that in many places form the host rocks of mafic/ultramafic sills.

Sulphide deposits are the target of NovaWest's exploration efforts. They occur within and in close proximity to host rocks of the mafic/ultramafic sills. Because of similar electromagnetic signatures of sulphide and/or graphite-bearing metasedimentary rocks and of sulphide deposits in mafic and ultramafic sills, electromagnetic anomalies are difficult to interpret by the exploration geoscientist. Interpretation of magnetic anomalies is further complicated by the fact that some unlikely rocks are associated with strong magnetic anomalies. NovaWest personnel have noted very magnetic basalts and rhyolites that cause magnetic anomalies comparable in strength and distribution to those over ultramafic lithologies. A strongly magnetic dolomite has been noted in the Main Block. – In the Kozmo Property outcrop density is considerably weaker than in the other three properties investigated. Wherever possible, magnetic map trends were used to extend rock units on the geological map across areas with little or no outcrop.

Airborne AeroTem survey by AeroQuest.

A magnetic/electromagnetic helicopter-borne survey has been conducted by AeroQuest Ltd. on behalf of NovaWest Resources Inc. during the summer of 2003. It covers the three 2003 properties of the company. The survey was flown at 100 m flight path spacing. Results of the surveys have been submitted for assessment credit in 2003. Fig. 3 is the second vertical derivative mag map derived from the 2003 AeroTem survey.

Ground Pulse EM

Personnel of Crone Geophysics and Exploration Ltd. of Mississauga, Ontario, conducted pulse-EM ground surveys over a small number of grids in the Kozmo Property. Results are presented in a report by Crone submitted for assessment credit under separate cover.

EXPLORATION MODEL

The deposits the NovaWest team is looking for is a Raglan-type Ni-Cu-PGE sulphide concentration in ultramafic sills or flows, i.e. flow-concentrated sulphide bodies in pyroxenite-peridotite-dunite sills and flows, and footwall mineralization in sedimentary and volcanic rocks in close proximity to mafic/ultramafic sills. Massive sulphide zones at the base of sills may be the result of in-situ magmatic differentiation or may represent early intrusive or even extrusive sulphide magma. Assimilation of sulphide-rich

sedimentary host rocks is thought to have facilitated sulphide mineral formation and segregation. The occurrence of disseminated sulphides above vein-type sulphide overlying massive sulphide bodies in known Raglan deposits is suggestive of magmatic differentiation. Massive sulphide bodies without vein-type and disseminated sulphide mineralization in their hanging wall may represent sulphide magma derived from differentiated magma chambers at depth. A significant observation is that PGE concentrations are commonly associated with fine-grained, disseminated sulphides and that these deposits may elude geophysical approaches in mineral exploration.

Other exploration models have been developed for Raglan deposits, including one that considers the emplacement of sulfide magma from deep seated magma chambers into ultramafic sills. Interpretations that favour sulphide deposition due to thermal erosion and assimilation of sulphide-rich sediments have been forwarded. Recent exploration work by one of NovaWest/Cascadia's neighbour in the Raglan Belt advocates sulphide emplacement in late ultramafic dikes.

Exploration tools applied by NovaWest Resources Incorporated include magnetic and electromagnetic surveys, detailed geological mapping of prospective areas such as those that have sulphide-rich supracrustal rocks in contact with mafic/ultramafic units, and lithogeochemistry. Lithogeochemistry is believed to help in identifying enrichment haloes around economic deposits that are not exposed on surface. It also helps to direct exploration efforts towards specific geophysical anomalies among a very large number of magnetic and electromagnetic anomalies identified by NovaWest's 2003 airborne survey.

Discussion of Regional Geology of Ni-Cu-PGE – Bearing Rock Units

Two opposing views exist on the most favourable Ni-Cu-PGE mineralization environments in the Cape Smith Fold Belt, one advocated by Picard et al. (1994), the other by St. Onge et al. (1986). The opposing views are based on different interpretations of the regional geology west of Cross Lake near the northeastern corner of the Main Block property of NovaWest/Cascadia. The first group of authors believes that the Raglan horizon continues west of this lake, while the second group of authors advocated that there is only one horizon present, repeated by thrusting.

The practical consequence of this disagreement is profound. If St. Onge et al. (1986) are correct, all the Ni-Cu deposits are found in the same horizon, and the horizon hosting the Cross Lake, Katiniq and Raglan deposits in the Cape Smith Fold Belt is terminated to the west by folded thrusts cut by later thrusts, and is, therefore, not present west of Cross Lake. If, on the other hand, the interpretation of the other researchers is correct, then the showings in the strata that extend from Lac Nuvilik to Lac Chukotat have good economic potential, since they would occur in the same horizon as the Raglan horizon.

The critical rock units sketched by St.Onge et al. (1986) are hidden under a thick esker. GSC aeromagnetic maps do not support these authors' interpretation as magnetic trends apparently are not terminated across the supposed thrust. Traverses by Giovanezzo (1985) also suggest that the units continue to the west and that there is no folded thrust to

terminate the horizon. Our own work supports the interpretation of the regional geology forwarded by Giovanezzo (1985) and Picard et al. (1994).

The Ni-Cu-PGE mineralizations of the Cape Smith Fold Belt are associated with ultramafic/mafic sills. They are either products of differentiation after sill emplacement or represent sulphide magmas differentiated at depth that where emplaced more or less at the same time as the sills in form of sulphide flows. These flows may have meandered and pooled in places to form economic and sub-economic ore bodies. The verdict on the two mineralization models is still outstanding. Therefore, both models have to be taken in consideration in any exploration effort.

Whereas most significant Ni – Cu – PGE mineralization is associated with mafic and ultramafic rocks, substantial values of PGM have been recognized to be associated with chloritized lithologies, for example at the western end of the Bravo Sill, where a 1-m-thick zone rich in chlorite and sulphide is developed (Daxl, 1986). This material has been interpreted to be of hydrothermal origin (Daxl, 1988).

In 2003, NovaWest drilled several holes in the Echo and Bravo sills in the southern portion of the main claim group (see Part B of this report), where Barnes and Giovanezzo (1990) conducted a detailed study on the platinum group elements in the Bravo intrusion. The authors provided a model in which they interpreted the sill and associated mineralization to have formed through a series of intrusive pulses followed by hydrothermal alteration. In 2004, several more holes were drilled at Echo and Bravo, in addition to about 40 other holes in three of the four properties. No drilling was conducted in the only recently acquired True North property in 2004.

RECOMMENDATIONS FOR FUTURE EXPLORATION

Geological and geophysical investigations in 2004 and previous years by the company considerably advanced the understanding of NovaWest properties, including the Kozmo Property. The company now owns a very valuable and comprehensive data base that will form the basis for exploration efforts in 2005 and future years.

It is recommended that the company focuses on the following tasks:

Pre-field-season office and laboratory investigations:

Study distribution pattern of anomalous lithogeochemical assay results.

Investigate whether enrichment in Ni, Cu, and PGE is related to geological environment, such as host rocks and alteration and whether tectonism may have had an influence in the formation or destruction of sulphide mineralization.

Comparison of lithogeochemistry of ultramafic rocks associated with Ni, Cu, and PGE-bearing sulphides with that of ultramafic rocks associated with barren sulphides.

Based on surface and drilling geology and lithogeochemistry, pre-select targets for drilling in 2005.

Using 2003 and 2004 geophysical data, pre-select geophysical targets for additional drilling in 2005.

Compare pre-selected geological drill targets with pre-selected geophysical drill targets and decide on where to place the main emphasis of the 2005 campaign.

2005 field work:

Map prospective parts of the company's properties not investigated in sufficient detail in 2004.

Continue prospecting where warranted by results of previous prospecting.

Check pre-selected geological and geophysical drill sites before spotting drill holes. Where necessary, conduct ground geophysical surveys over potential targets.

Diamond drilling of promising targets.

Test drill intersections with down-hole geophysical methods.

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(2000b): Lac Dumas, geological compilation, 1:50 000; SI-35G07-C3G-00H

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1997 Exploration:

a) Raglan Project, Delta East, Delta West, Sub, Lac Nuvilik, Voisin, Expo West, Expo East, and Scoop Properties; GM 56113

1998 Exploration

a) Raglan Project P.E.M. 1052 'Delta East'
b) Raglan Project P.E.M. 1058 'Delta West'; GM 56229
c) Raglan Project P.E.M 1312 'Eastbridge'; GM 56137
d) Raglan Project P.E.M. 1073 'Lac Nuvilik'; GM 56230
e) Raglan Project P.E.M. 1083 'Maverick'; GM 56080
f) Raglan Project P.E.M. 1063 'Sub'; GM 56228

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List of Figures

List of Tables

Much of the detailed information gathered during the 2004 filed operation is summarized in four tables of the present report; they are:

STATEMENTS

Dr. Burkhard Dressler

185 Romfield Circuit
Thornhill, Ontario
L3T 3H7

STATEMENT

I, Dr. Burkhard Dressler, hereby state that I personally have participated in the geological field mapping and lithogeochemical sampling in the 2004 True North Property of NovaWest Resources Incorporated described in this report during the field season of 2004. I have examined part of the rock exposures of various rock types, mineralized showings, and geological structures of the project areas. I supervised other geologists, prospectors and helpers. I wrote the present report.

The purpose of the 2004 exploration project was to find economic concentrations of Ni/Cu/PGE mineralization associated with mafic-ultramafic sills within the Cape Smith Fold Belt of northern Quebec and to provide data for future exploration efforts.

Dr. Burkhard Dressler
January 2005

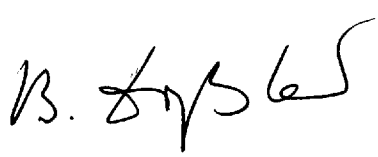
Dr. Burkhard Dressler
Consulting Geologist
185 Romfield Circuit
Thornhill, ON
L3T 3H7

STATEMENT

I, Dr. Burkhard Dressler, of Thornhill, Ontario, hereby declare that I am a professional geologist educated at the University of Munich, Germany, and that I have practiced my profession since 1970, mainly in Canada and to a minor extent in the USA, Mexico, and South Africa.

I am a professional geologist registered in the Province of Quebec, registration number 888.

I do not hold nor do I expect to receive an interest of any kind in NovaWest Resources Inc. or Cascadia International Resources Inc.



Dr. Burkhard Dressler
January 2005

Geological Map

The geological map (in back pocket) is mainly based on 1997, 1998, 2003, and 2004 field work by NovaWest Resources Inc. staff. Despite this multi-year effort, the map still represents "work in progress." Several areas with little outcrop have not been visited yet. In future years, efforts should be concentrated on regions where geophysical anomalies occur that have not yet tied to specific rock units.

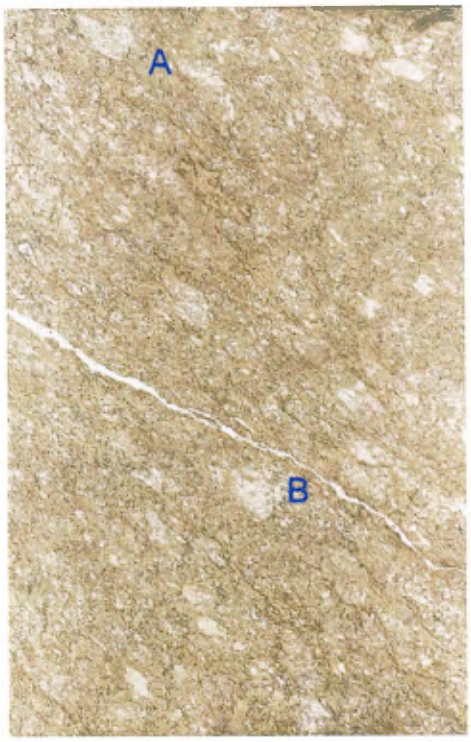
Appendix

Petrography of selected samples

The geology of the Kozmo Property is relatively complex. Mafic-ultramafic sills, basalts, pyroclastic rocks, felsic volcanics, a variety of metasedimentary rocks and possibly rocks related to carbonatite activity occur in the area.

Several thin sections were prepared from representative samples from several locations. 8 Images of some of these sections are shown in Fig. 2. All images are 4 cm long.

Petrographic summaries describing thin section samples are provided in Table 4 on the last page of this report.



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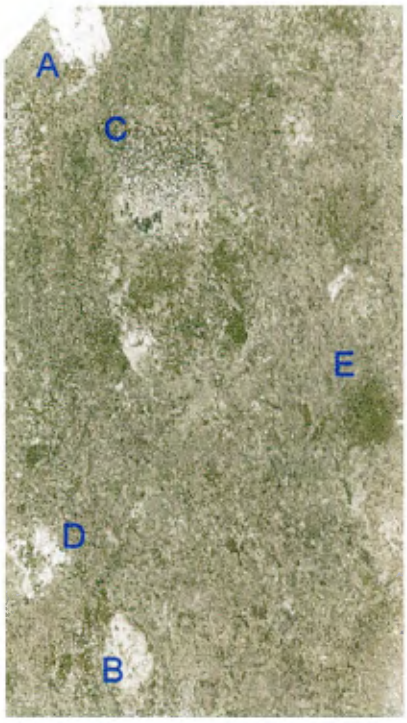
BD04-1075 (B373132)



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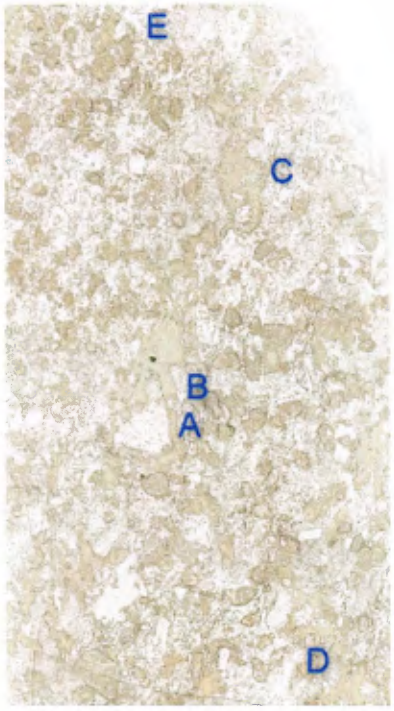
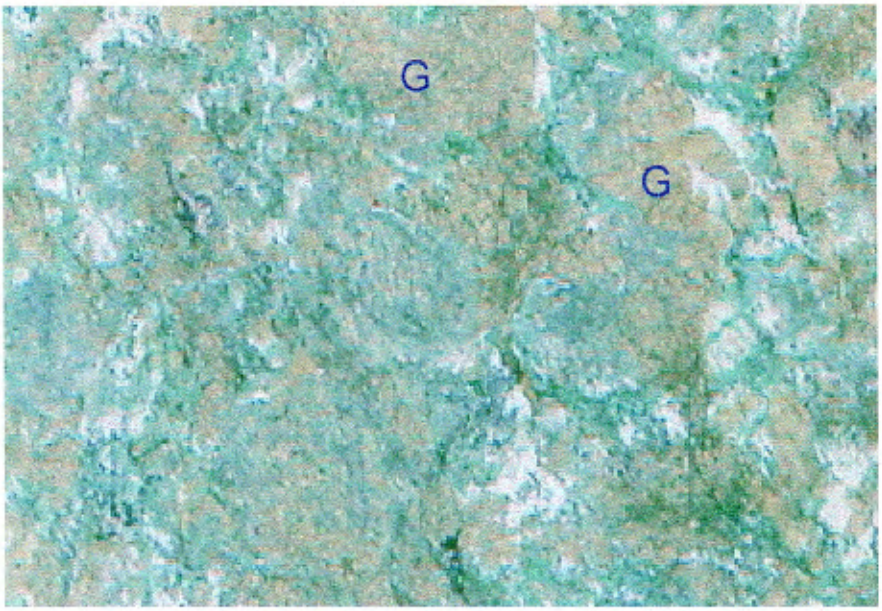


04BD-1098B (B373135)

Fig. 2

04BD-959A



04BD-959a, enlarged, false colours

G: Garnet (at these locations and elsewhere)

Fig. 2, cont.

04BD -747

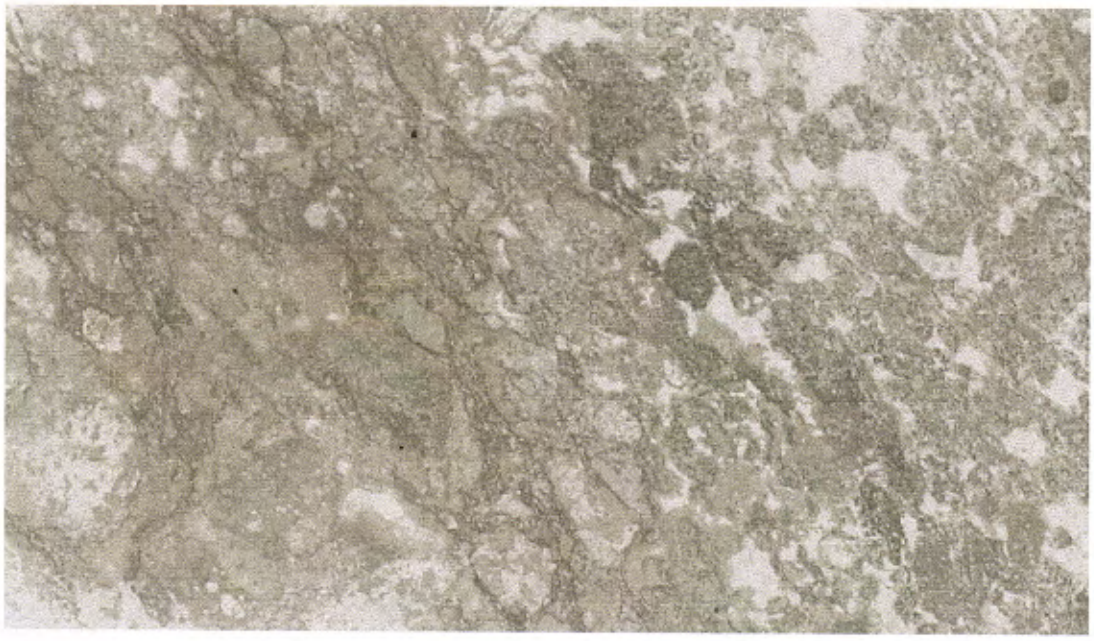
04BD-1033

04BD-1078

04BD-1158

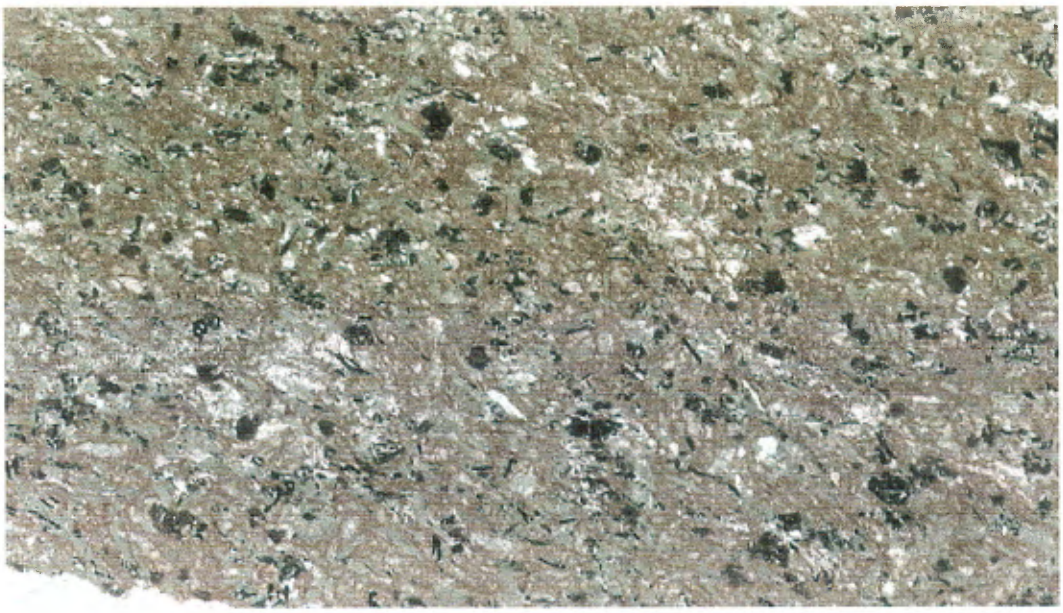
Fig. 2 cont.

04BD-1096A2

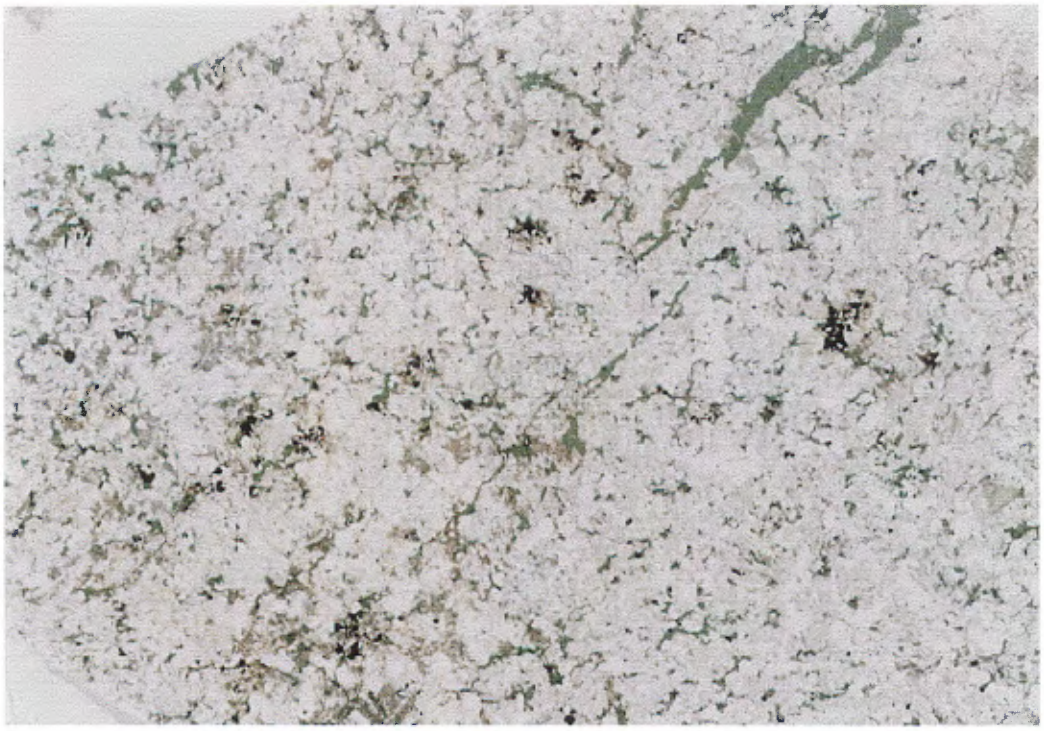


04BD-1096ii

Fig. 2 cont.



04MS-A136



04MS-A169 Fig. 2 cont.

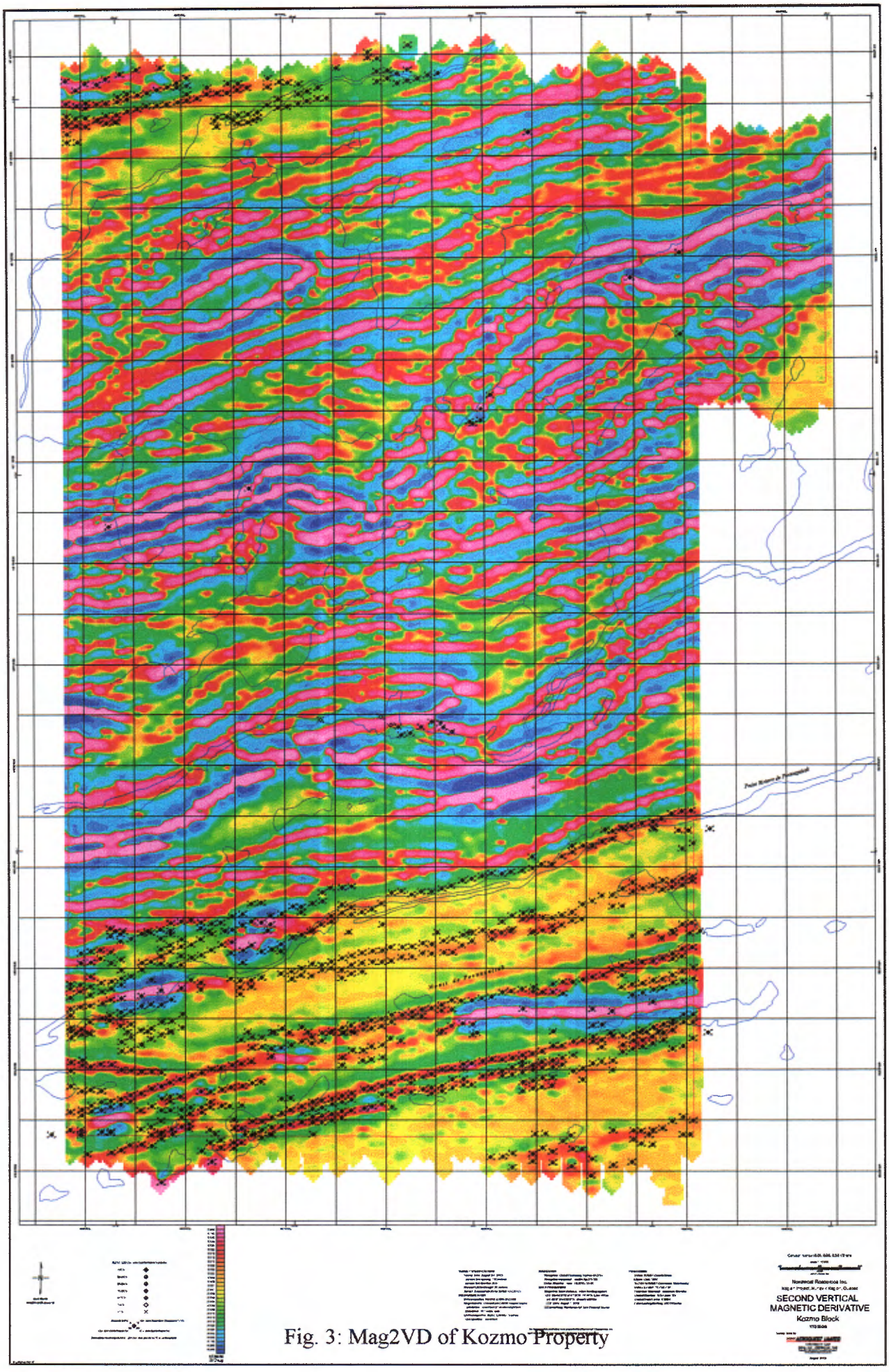


Fig. 3: Mag2VD of Kozmo Property

Table 1: Mapping Stations - Kozmo Property

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
BD Mapping Stations					
698	490317	6810448	peridotite		no
699	490221	6810499	peridotite	north edge of peridotite sill	no
700	490140	6810612	basalt	mafic schist def @285/90	no
701	490308	6810430	peridotite/gabbro		no
702	490292	6810377	gabbro	from here to 701	no
703	490429	6810187	siltstone	laminated, grey	no
704	490382	6809944	peridotite	uphill to 490383-6809914	no
705	490393	6809883	gabbro	med gr; all the way to station 707	no
706	490390	6809691	gabbro	med gr; 50 m from shore of large lake	no
707	490758	6810072	gabbro	meg gr	no
708	490838	6810030	gabbro	from 708 to 709 all gabbro, no peridotite	no
709	490968	6810286	gabbro		no
710	490860	6810294	peridotite	peridotite from 710 to 71	no
711	490927	6810390	peridotite		no
712	490936	6810380	gabbro	uphill from 711; gabbro all the way from station 712 back to 709	no
713	491075	6810481	gabbro	gabbro all the way from 709	no
714	491005	6810513	gabbro		no
715	490992	6810563	gabbro		no
716	490962	6810566	peridotite		no
717	491042	6810606	peridotite		no
718	491177	6810578	peridotite		no
719	491138	6810617	peridotite		no
720	491079	6810644	peridotite		no
721	491069	6810679	gabbro	this is the gabbro of 711	no
722	491064	6810695	peridotite	this is peridotitr; it connects with 698 and 701	no
723	491044	6810765	peridotite	north edge of sill	no
724	491028	6810879	basalt	def mmv	no
725	491166	6810684	gabbro	30x30m, just south of peridotite sill. This is "termination" of o/c of peridotite 698 and gabbro 701 eastward because of overburden	no
726	491254	6810531	peridotite	10x20 m o/c	no
727	491247	6810513	gabbro		no
728	491343	6810455	gabbro	eastermost o/c of gabbro	no
729	491233	681-223	peridotite		no
730	491195	6810204	gabbro		no
731	491413	6810210	peridotite	all the way from 729	no
732	491528	6810535	peridotite	30x50 m o/c	no
733	491759	6810505	peridotite		no
734	491831	6810455	peridotite		no
735	491954	6810722	basalt	def @ 250/60; felsic inclusions up to 6x10 cm; connects with 724	no
736	492053	6810655	peridotite		no
737	492075	6810684	gabbro	large o/c area	no
738	492213	6810676	gabbro	all the way from 737	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
739	492210	6810688	basalt	mmv/fault between 738 and 739//250/65	no
740	492277	6810766	basalt	all the way from 739	no
741	492329	6810574	peridotite	20x30m o/c	no
742	492364	6810500	gabbro	meg gr;30 m o/c	no
743	492508	6810560	basalt	schistose mmv, in places felsic inclusions	no
744	492441	6810613	peridotite	frost heave	no
745	492998	6811071	gabbro	large o/c	no
746	493030	6811191	gabbro	coarse - pegmatitic	no
747	492996	6811280	gabbro	def @ 50/70; probably def gabbro	yes
826	493682	6811012	gabbro	med gr	no
827	493772	6810904	gabbro	fg	no
828	493786	6810843	peridotite		no
829	493834	6810793	peridotite	between 828 and 829 perpendicular across width of sill	no
830	493905	6810774	gabbro	med gr	no
831	493961	6810762	siltstone	5 m wide, bedded at 70/75	no
832	493984	6810744	basalt		no
833	493970	6810816	gabbro	med gr	no
834	493900	6810960	gabbro	fgr	no
835	494172	6811191	peridotite	35 m to 436	no
836	494202	6811182	gabbro	contact with peridotite here probably at 240/85; see sketch in note book	no
837	494330	6811118	siltstone/ gabbro	contact is at 90/75; siltstone is hornfelsed	no
838	494334	6811097	peridotite	all from 437	no
839	493868	6811366	peridotite	frost heave at shoreline	no
840	493970	6811546	peridotite	frost heave and outcrop at shore of lake	no
841	493844	6811642	gabbro	med gr	no
842	493799	6811754	gabbro	leucocratic, med gr.	no
843	493754	6811815	gabbro	med - coarse gr	no
844	493528	6812123	peridotite	o/c 30x50 m	no
845	493452	6812327	siltstone	frostheaved blocks	no
846	493429	6812538	peridotite/gabbro	contact between gabbro and peridotite at 50/65	no
847	493378	6812552	peridotite	edge of peridotite	no
849	493297	6812483	peridotite/gabbro	contact between peridotite and gabbro	no
850	493246	6812458	peridotite/gabbro	contact between peridotite and gabbro	no
851	493208	6812458	gabbro	schistose	no
852	493195	6812399	peridotite/gabbro	contact between peridotite and gabbro	no
853	493080	6812253	peridotite	all across ridge to 854	no
854	493058	8612335	peridotite	width of ridge: 853-854	no
855	493017	6812318	basalt	schistose	no
856	492998	6812271	peridotite/basalt	contact between peridotite and basalt	no
857	492956	6812242	peridotite/gabbro	contacy between peridotite and gabbro and end of peridotite exposure	no
858	492895	6812204	gabbro		no
859	492847	6812171	gabbro	coarse gr	no
860	492581	6811914	basalt	def schisose at 215/85	no
861	492321	6811869	basalt	def	no
862	492051	6811566	pyroclastic	mafic schist; def at280/70	no
863	491858	6811336	schist	fissle; huge frost heave	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
864	492153	6810776	peridotite		no
865	492230	6810719	basalt/gabbro	contact between gabbro and basalt at about 90/??	no
866	492592	6810650	basalt	pillows still recogn.	no
867	492621	6810674	pyroclastics	schistose at 250/85, all across ridge ridge to 868	no
868	492696	6810732	pyroclastics and basalt		no
869	492786	6810734	basalt	pillowed	no
870	492942	6811473	peridotite	very close to proposed drill target	no
871	490044	6812681	gabbro	med-gr, upper northern rigde of structure	no
872	490445	6812875	peridotite	20-30% pyroxene visible on weathered surface	no
873	490442	6812893	peridotite	prominent joints dip 40 degrees towardscentre of structure	no
874	490435	6812919	peridotite	all from 873	no
875	490381	6812922	basalt	def; possibly only float	no
876	490370	6812945	siltstone	o/c 1.5x20 m step, laminated at 80/75	no
877	490464	6813385	schist	mafic, schistosity @ 105/85	no
878	490450	6813431	basalt	mafic schist, schistosity @50/70	no
879	490334	6812930	conglomerate	schistose, granite pebbles are stretched and/or broken up; schistosity @50/65	no
880	490376	6812883	peridotite	fg, dark grey. Contact with overlying "normal" peridotite is wave-like	yes
881	490401	6812838	peridotite	"common" peridotite"	yes
882	490260	6812754	peridotite	pyroxene-rich	yes
883	490268	6812701	gabbro	med gr	no
884	490088	6812629	pyroxenite	at gabbro/pyroxenite contact	yes
885	490034	6812513	gabbro	northern, upper edge of hill	no
886	490109	6812480	gabbro	from station 885 to here all gabbro	no
887	490069	6012383	gabbro	upper edge of south slope	no
888	490030	6812316	peridotite	half-way down the hill; peridotite apparently comes all around nose of structure, dips north	no
889	490183	6812342	peridotite	as at station 884	no
890	490180	6812360	gabbro		no
891	490352	6812367	peridotite	pyroxeneite, if present here, is not exposed, appr. 50 m south of gabbro slope	no
892	490430	6812382	peridotite	igneous layering @215/25	no
893	490419	6812401	pyroxenite	small o?c	no
894	490416	68124426	gabbro		no
895	490543	6812422	peridotite		no
896	490630	6812497	peridotite	all the way from station 895	no
897	490700	6812611	gabbro		no
898	490742	6812579	peridotite		no
899	490939	6812638	peridotite	at upper egde of slope	no
900	490890	6812750	gabbro	connects with o/c 897; 897-900 is contact agains peridotite	no
901	490997	6812789	gabbro	5x10 m o/c in block field	no
902	491049	6812725	peridotite	northern-most peridotite o/c here	no
903	491102	6812736	peridotite	down SE slope to 904 is all peridotite	no
904	491145	6812716	peridotite	this o/c is at bottom of slpoe, asbestos layering 1-3 cm thick	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
905	491277	6812891	peridotite	upper edge of E-facing nose of structure	no
906	491295	6812852	peridotite	igneous layering @185/20; some layers weather recessive	no
907	491072	6812885	gabbro	eastern-most gabbro o/c	no
908	491021	6812951	gabbro		no
909	490926	6813018	peridotite		no
910	490864	6812979	peridotite		no
911	490810	6813026	peridotite		no
912	490420	6812977	basalt	def, frost heaved large blocks	no
913	490432	6812957	schist	mafic, schistosity @ 75/80	no
914	490382	6812922	peridotite	bottom of northern slope, igneous layering at 80/90	no
915	490245	6812787	peridotite	bottom of peridotite slope	no
916	490244	68126678	gabbro		no
917	490239	6812590	gabbro		no
918	490301	6812565	gabbro	f-med gr	yes
919	490526	6812566	gabbro		no
920	494957	6812040	peridotite	blocks near lake shore	no
921	494732	6811728	peridotite	20x20m o/c	no
922	494418	6811501	peridotite		no
923	494510	6811513	peridotite	between 922 and 923 all peridotite	no
924	494529	6811461	peridotite		no
925	494540	6811442	gabbro	f-med gr	no
926	494575	6814422	gabbro	from 925 to 926 all gabbro	no
927	494783	6811496	gabbro	f-med gr, o/c plus frost heave	no
928	494850	6811413	basalt		no
929	495030	6811687	peridotite	ridge base	no
930	495075	6811718	gabbro	top of ridge	no
931	495162	6811767	gabbro	north end of ridge	no
932	495295	6811969	gabbro	leucocratic, med gr.	no
933	495373	6811978	gabbro	30x50 m o/c	no
934	495331	6812103	gabbro	med gr	no
935	495403	6812275	gabbro	med gr	no
936	495422	6812357	peridotite	10x20 m o/c	no
937	495422	6812396	gabbro		no
938	495500	6812409	gabbro	melanocratic	yes
939	495499	6812510	peridotite		no
940	495468	6812581	peridotite		no
941	495511	6812582	peridotite	between 940 and 941 all peridotite	no
942	495476	6812631	peridotite		no
943	495454	6812634	gabbro		no
944	495395	6812763	gabbro		no
945	495433	6812795	gabbro	vfg	no
946	495571	6812915	peridotite		no
947	495588	6812885	gabbro		no
948	495625	6812903	peridotite/gabbro	contact between gabbro and peridotite	no
949	495670	6812914	peridotite	here and 50 m downslope	no
950	495666	6812874	gabbro		no
951	495679	6812828	gabbro		no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
952	495666	6812791	peridotite		no
953	495675	6812767	peridotite	frost heave	no
954	495745	6812815	gabbro	melanocratic	no
955	495765	6812791	peridotite		no
956	495775	6812768	peridotite		no
957	495787	6812808	gabbro		no
958	495845	6812685	schist	mmv, schistosity @70/80	no
959	495904	6812303	schist	mmv, schistosity @50/60	yes
960	495939	6812276	basalt		no
961	496177	6812151	schist	o/c 50x100m	no
962	496223	6812343	gabbro	def @50/50n	
963	496175	6812920	peridotite	20m wide zone, 963 at south edge	no
964	496269	6812889	peridotite		no
965	496306	6812905	schist	mmv, schistosity @70/75; just 5m north of peridotite	no
966	496332	6812909	peridotite	appr. 10 m wide here	no
967	496347	6812893	chert		no
968	496355	6812875	basalt		no
969	496400	6812929	gabbro	leucocratic, med gr., in contact with peridotite here, peridotite is 10-15 m wide here	no
970	496399	6812960	schist	mmv, frost heave	no
971	496328	6813544	siltstone	quartzose, 20x30 m	no
972	496200	6813575	basalt	qtz stockwork; def zone	
973	496055	6814014	schist	mmv. Def @80/90	no
974	495197	6813943	slate	fissile @ 80/90	no
975	494977	6813343	schist	mmv def@60/90	no
976	494444	6812788	peridotite	some large pyroxenes	no
977	494457	6812709	gabbro		no
978	495165	6812795	peridotite	50 m south uphill is gabbro	no
979	495068	6812599	peridotite	20m uphill is gabbro dunite at bottom of peridotite o/c	no
980	495058	6812557	peridotite	halfway up the hill is peridotite below gabbro,	no
981	495012	6812440	peridotite	bottom of hill	no
982	495033	6812443	peridotite/gabbro	contact is up the hill	no
983	495037	6812397	gabbro	leucocratic, med gr, 3x5 m	no
984	494991	6812330	gabbro	leucocratic	yes
985	494987	6812259	gabbro	fg, dark grey. Contact with overlying "normal" peridotite is wave-like	no
986	493527	6812640	peridotite	small o/c, 5x5m	no
987	493564	6812634	gabbro		no
988	493719	6812710	gabbro		no
989	493705	6812746	gabbro		no
990	493704	6812748	peridotite		no
991	493704	6812764	peridotite	22 m between 990 and 991	no
992	493707	6812777	basalt		no
993	493821	6812803	gabbro	gabbro all to 994	no
994	493805	6812835	peridotite/gabbro	contact of gabbro with peridotite here	no
995	493800	6812845	peridotite	at lake shore	no
996	493926	6812867	gabbro		no
997	493881	6812903	peridotite	3x10 m o/c	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
998	494017	6812950	peridotite	2x2 m o/c	no
999	494064	6812965	gabbro	no peridotite o/c north to lake	no
1000	494124	6812992	peridotite		no
1001	494168	6813003	peridotite	3x5 m o/c	no
1002	494070	6812952	gabbro		no
1003	494151	6812874	gabbro	0.5x5m o/c	no
1004	494110	6812856	gabbro	flat, 8x8 m o/c	no
1005	494301	6812798	gabbro		no
1006	494434	6812710	gabbro	no peridotite seen north between 1005 and 1006	no
1007	494586	6812320	gabbro	no peridotite seen around slope.	no
1008	494547	6812086	gabbro	still, around slope only	no
1009	494208	6812057	gabbro		no
1010	494208	6812057	gabbro	coarse grained,	no
1011	494159	6812406	gabbro	fg dark	no
1012	494117	6812400	gabbro	med gr	no
1013	494076	6812385	gabbro	fg	no
1014	493985	6812400	gabbro	vfg	yes
1015	493961	6812414	basalt	or vfg gabbro; <1% po and cpy	B373127
1016	493957	6812415	siltstone	laminated at 225/80; 5 m wide zone	no
1017	493944	6812421	gabbro	med gr	yes
1018	493926	6812438	peridotite	in contact with gabbro, very rapid transition; more or less vertical	no
1020	493830	6812395	peridotite/gabbro	from here the peridotite does not seem to continue south; extremely fg po and cpy; peridotite is 16 m wide on surface; no station 1019	B373128
1021	493841	6812349	basalt	mmv	no
1022	493829	6812365	gabbro		no
1023	493808	6812448	gabbro	gabbro all to 1020	no
1024	493945	6812560	gabbro		no
1025	493032	6813080	basalt		no
1026	492969	6813050	schist	mmv, fissile @ 75/80	no
1027	492872	6813023	pyroclastics	schist; minor basalt	no
1028	492552	6812929	pyroclastics		no
1029	492597	6812460	pyroclastics	schistose @ 220/75	no
1030	492207	6811905	basalt	o/c and frost heave;	no
1031	491983	6811823	sandstone	def @ 280/80	no
1032	491876	6811900	sandstone		no
1033	491858	6811903	sandstone	same rock as 1031 and 1032 but here with small mineral and rock clasts (prob. Granitic)	yes
1034	492928	6812214	peridotite		no
1035	491785	6809447	Basalt	schistose @75/65	no
1036	491406	6809798	siltstone	qtz-rich, schistose @ 70/90	no
1037	491379	6809810	basalt	or vfg gabbr,	no
1038	491110	6809901	siltstone, slate	schistose @235/85	no
1039	491035	6809895	gabbro	coarse gr	no
1040	490875	6809963	gabbro	all the way across ridge from 1039 Chemex sample at 4911056-809985	B373129
1041	491179	6810000	schist/gabbro	contact at 60/70; gabbro all the way from 1040	no
1042	491464	6810017	basalt	breccia	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
1043	491829	6810094	basalt	def @ 80/90n	no
1044	491988	6809929	gabbro	def	no
1045	492094	6809973	gabbro	def @ 90/90; green weathering surface, minior po	B373130
1046	492380	6810041	basalt	pillowed	no
1047	492764	6809890	gabbro	pegmatitic	no
1048	492784	6810062	gabbro		no
1049	492939	6810100	gabbro	f-med gr	no
1050	492840	6810299	gabbro	fg	no
1051	492865	6810363	siltstone	rusty, at base of gabbro at 195/80	no
1052	492818	6810390	gabbro		no
1053	492960	6810523	schist/gabbro	schist at 75/90, see sketch innote book	no
1054	493031	6810579	schist	schistosity 000/90, possibly def gabbro	no
1055	493102	6810901	peridotite		no
1056	493119	6810842	peridotite		no
1057	493149	6810770	peridotite		no
1058	493211	6810716	peridotite		no
1059	493247	6810689	peridotite		no
1060	493244	6810358	gabbro	greenish alteration	no
1061	493469	6810475	peridotite		no
1062	493526	6810491	peridotite	probably nose of a fold here	no
1063	493522	6810430	schist	mmv	no
1064	493551	6810005	gabbro	def med gr	no
1065	493645	6809882	basalt	??, def mafic rock	no
1066	493837	6809675	pyroxenite	o/c and large frost heave, o/c trends about E-W	no
1067	493634	6809373	schist	mafic, frost heave	no
1068	443586	6809086	schist	099/80, interlayered siltstone	no
1069	493148	6808803	pyroclastics/basalt	interlayered sequence, basalt pillowed in places	no
1070	493138	6808708	pyroclastics/basalt	as 1069 but more basalt	no
1071	492874	6808902	basalt	frothy breccia, flow, all the way to 1072	no
1072	492773	680882	basalt	as 1071	no
1073	492521	6809091	basalt	also pyroclastics, large area	no
1074	491932	6809070	basalt	schist at 270/70, large ridge	no
1075	494884	6811114	carbonatite?	fizzes with HCl, siltstone at SE corner of outcrop bedding at90/65	B373131 and B373132
1076	494851	6811099	basalt	?flow top breccia or similar	no
1077	495101	6810964	pyroclastics	or debris flow, bimodal with light grey and greenish grey weathering clasts, clasts up to 2x5 cm in size	no
1078	494579	6810853	carbonatite?	same rock as on 1075 bur here with inclusions in the grey rock	yes
1079	494650	6810087	chert	2x20m o/c, light grey waethering	no
1080	494933	6809918	feldspar-px-phyric flow?	minor po and py	B373133
1081	494844	6809607	gabbro	med gr	no
1082	493981	6810152	pyroclastics	mafic	no
1083	493887	6810543	gabbro	all gabbro to 1084	no
1084	493980	6810510	gabbro		no
1085	493885	6810817	peridotite	visited before	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
1086	493786	6810832	peridotite	visited before	no
1087	493721	6810785	peridotite	visited before	no
1088	493978	6810740	interlayered sequence of tuffs, sandstone, siltstone	see sketch in notebook	no
1089	494029	6810797	as 1088		no
1090	494296	6810701	tuff	greenish grey weathering	no
1091	494306	6810712	tuff and flow?	similar to 1057	no
1092	494329	6810750	pyroclastics	rough coarse frags and tuffaceous; def at 250/75	no
1093	494348	681750	pyroclastics plus	interbeds of sandstone,	no
1094	494392	6810797	tuffs/sandstone	bredding at 240/75; interbedded tuffs of various grain sizes, one 10cm white weathering bed of sandstone.	no
1095	490202	6808498	basalt	pillowed	no
1096	490278	6808459	carbonatite/pyroclastics?	"pyroclastic" (sp1096A) forms massive layers with 10 - 20 cm thick massive carbonatite (sp 1096B), weathering rind like the "carbonatite" of 1075. One small mineral pinkish mineral fragment in pyroclastic found (type ??)	2 yes, and mineral fragment.
1097	490544	6808540	carbonatite, carbonatite pyroclastics	as o/c 1096, here with a 8m wide rock that weathers like a peridotite, but is dark grey aphanitic (Whole rock analysis); all to 490549 - 6808547; The pyroclastics weather a diopside green.	B373134
1098A	489675	6808280	basalt		no
1098B	489665	6808266	carbonatite/carbonatite pyroclastics	the massive carbonatite in places has a texture resembling gabbro (see sp)	B373135
1099	489407	6808344	carbonatite pyroclastics	as 1096 etc, also here weathering a diopside green; the pyroclastics contain small xenolithic "nodules" that may be mantle nodules.	sp of "mantle nodule"
1100	489352	6808381	gabbro	across ridge to 489308 - 6808381; contact between outcrop areas 1099 and 1100 trends about 000	no
1101	488924	6808537	gabbro	to 488907 - 6808541	no
1102	488762	6808662	gabbro		no
1103	488635	6808645	gabbro	prpb. Outside Maverick	no
1104	488689	6809048	gabbro	med gr	no
1105	488868	6809103	gabbro	in places pegmatitic	no
1106	488789	6809169	gabbro	pegmatitic	no
1107	488667	6809177	gabbro	med gr	no
1108	488652	6809192	gabbro	no peridotite here !	no
1109	488812	6809197	gabbro	pegmatitic	no
1110	488795	6809222	pyroxenite	px up to 1-2 cm in size.	yes
1111	488808	6809235	gabbro	pegmatitic	no
1112	488805	6809329	gabbro		no
1113	488707	6809311	peridotite		no
1114	488861	6809442	gabbro	pegmatitic	no
1115	488984	6809399	gabbro	all to 1116	no
1116	489189	6809317	gabbro	all from 1115	no
1117	489207	6809445	gabbro	in contact (90/40) with a ?basaltic rock, weakly mineralized po, cpy	B373136

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
1118	489529	6809616	gabbro	med gr	no
1119	489561	6809642	peridotite		no
1120	489690	6809875	peridotite	frost heaved	no
1121	489705	6810228	peridotite/gabbro	see sketch in notebook	no
1122	489675	6810291	peridotite/gabbro	northern exposure	no
1123	489673	6810304	siltstone	qtz-rich, massive	no
1124	489818	6810342	peridotite		no
1125	489883	6810539	siltstone		no
1126	489936	6810505	qtz sandstone	all to 489964 - 6810483	no
1127	490016	6810420	peridotite	across trend to 490021 - 6810383	no
1128	490113	6810290	gabbro	leucocratic, med-gr	no
1129	490327	6810380	gabbro	leucratic med gr	no
1130	490888	6810539	peridotite		no
1131	490933	6810456	peridotite	to 490965 - 6810449	no
1133	490969	6810444	gabbro	no 1132	no
1134	490954	6810398	gabbro		no
1135	490883	6810354	peridotite		no
1136	490858	6810290	peridotite		no
1137	490863	6810244	gabbro		no
1138	490765	6810174	peridotite	50x50 m	no
1139	490737	6810090	gabbro		no
1140	490661	6809864	gabbro	large outcrop	no
1141	490551	6809879	gabbro		no
1142	490548	6809893	peridotite		no
1143	490509	6809902	peridotite		no
1144	490491	6809894	pyroxenite		no
1145	490487	6809883	gabbro		no
1146	490940	6809916	gabbro	all the waty from 1139	no
1147	491953	6810727	pyroclastic	bimodal with felsic clasts.\, o/c trends 030	no
1148	492089	6810714	gabbro	leucocratic, o/c trends 030	no
1149	489385	6806979	pyroclastics	mafic, fissile @60/90; a 1m wide dolomitic pyroclastic	no
1150	488847	6806687	siltstone	laminated frost heave	no
1151	488313	6806376	schist	fissile, mafic, frost heave	no
1152	488629	6805583	gabbro	probably outside Maverick	no
1153	489599	6805770	rhyolite/feldspar porphyry	def 255/80	2
1154	489820	6806963	schist	mafic; frost heave; along strike with station 1149	no
1155	490023	6807017	pyroclatics	schistose @ 260/80; fissile; some thin dolomitic layers	no
1156	490062	6807120	pyroclastics	frost heave	no
1157	490084	6807324	schist	mafic, frost heave	no
1158	490158	6807525	rhyolite	o/c; 10x20 m	yes
1159	490281	6807586	rhyolite	def @ 70/80	no
1160	490589	6807845	peridotite	o/c 20x50 m	no
1161	490605	6808229	peridotite	2003 sample 4192 taken here	no
1162	490908	6808084	peridotite	flat o/c	no
1163	491051	6807969	pyroclastics	schistose @55/55, all along to 491141 - 6808032	no
1164	491200	6808039	schist	to 491221 - 6808019; mafic	no
1165	491231	6808005	basalt	pillowed, brecciated flow top - pillow breccia	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
1166	491425	6807341	schist	mafic; frost heave	no
1167	491318	6807246	basalt	schistose @80/90; o/c plus frost heave	no
1168	489741	6805838	basalt	def @ 240/75	no
1169	495468	6809837	peridotite	peridotite cuts across river eastward here	no
1170	495446	6809535	peridotite	large outcrop area	no
1171	495308	6809565	peridotite	5x5 m o/c	no
1172	495269	6809440	peridotite	north edge of large o/c area	no
1173	495218	6809366	peridotite	west end of large o/c area	no
1174	495172	6809300	peridotite		no
1175	495140	6809010	siltstone	laminated, grey, 15 m wide	no
1176	495145	6808965	basalt	def @240/65	no
1177	495054	6808921	basalt	has waethering colour similar to that of peridotite	no
1178	495045	6808865	basalt	interlayered with tuffs, siltstone (@495051-6808898)	no
1179	495051	6808822	basalt	feldspar phenocrysts	no
1180	495049	6808804	siltstone	massive	no
1181	495035	6808762	basalt	def @ 235/90	no
1182	494970	6808655	schist	fissile; some small dolomitic lenses	no
1183	494963	6808471	rhyolite/schist	all to 494961-6808417, northern half of section is schistose, southern half is massive rhyolite	no
1184	494950	6808373	rhyolite	def @ 65/80	yes
1185	494937	6808321	rhyolite	phenocrystic, def, all to 494918 - 6808286	no
1186	494972	6808249	schist	mafic fissile @60/90	no
1187	494974	6808154	schist	mafic	no
1188	494890	6807600	gabbro	100 m north of PUV River, 386 m elevation	no
1189	494443	6807485	slate	frost heave fissile	no
1190	494371	6807893	schist		no
1191	494337	6807941	schist	mafic, all to 494264 - 6807996; frost heave	no
1192	494260	6807996	rhyolite	all to station 1193	no
1193	494160	6808186	schist	mafic	no
1194	494011	6808366	peridotite	50x50 m frost heave in valley	no
1195	494002	6808453	peridotite	all to 49401-6808492	no
1196	493618	6809081	pyroclastic	def @50/85, greenish rough surface	no
1197	494462	6809137	gabbro	med gr; 10x20 m flat o/c	no
1198	494822	6809564	gabbro	30x50 m o/c; med gr, 70 m south of river)	no
1199	495146	6809689	peridotite	5x5 m o/c	no
1200	495139	6809743	gabbro	10x10m med gr.	no
1201	495306	6809803	gabbro	frost heave	no
1202	495310	6809786	peridotite	o/c 2x2 m	no
1346	490548	6814541	gabbro	fg, 5x30 m o/c	no
1347	489789	6814753	gabbro	melanocratic, many angular rusty blocks, appr 3% po	no
1348	489803	6814719	pyroxenite	ridge, trends 60	no
1349	489863	6814376	gabbro	fg, o/c and frost heave	no
1350	489870	6814274	pyroclastics	schistose @ 75/70; mafic	no
1351	489804	6814057	schist	mafic, small 1x1 m o/c	no
1352	489747	6813841	gabbro	fg; columnar jointed; columns are appr. Vertica; south facing 1.5 high 40m long o/c	no
1353	489799	6813908	schist	mafic, def @ 85/65	no
1354	489746	6813660	schist	mafic, def @ 75/70	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
1355	489484	6813370	basalt	50x50 m o/c	no
1356	488938	6812978	basalt	def @ 70/80	no
1357	489009	6812839	pyroclastics	schistose @ 85/90	no
1358	489041	6812648	schist	mafic, frost heave	no
1359	489142	6812285	basalt	frost heave	no
1360	489177	6812190	basalt	several small o/c	no
1361	489202	6812091	schist	mafic and some siltystone	no
1362	489260	6812013	schist	mafic, schistosity @ 70/90	no
1363	489279	6811924	pyroclastics	all the way to station 1364	no
1364	489512	6811718	pyroclastics	schistose @ 95/90	
1365	489163	6811833	pyroxenite	mafic schistose @ 75/75, western-most o/c of this o/c area	no
HP Mapping Stations					
381	488609	6805223	phyllite-sediment	~250m West of property boundary, 2-3m high semi-cliff ~100m long and 1-2m wide, dip slope exposure, South shore of river, medium gray, very fine grained phyllite, probably a sediment, a few 1-2mm sized PY cubes, rock is non-magnetic, prominent parting @ 230/72, about 5-10% of rock consists of 1-5mm thick qtz veinlets, from 381 to Western property boundary and river have some more phyllite otcp locally with 1-3mm flattened qtz "eyes," no otcp @ property boundary along river bank just lots of boulders, rapids are also just boulders	yes
382	488973	6805391	basalt	7x2m otcp/subcrop, highly fracrured, locally vesicular, dark gray, very fine grained basalt, fractures filled with 1-3mm thick veinlets of carbonate (beige weathering, reacts with HCl), rock is non-magnetic, may be pyroclastic but not clear	yes
383	488993	6805210	phyllite-block	from 382 to 383 have only angular blocks (prismatic), some m-sized, rock is phyllitic, medium green-gray, contains 5-15mm sized flattened aggregates of qtz, highly sheared, non-magnetic (BD suggests sheared rhyolite, does not fit geology, it's only a block)	yes
384	488931	6805030	dolomite	no otcp from 383 to 384, @ 384 have 5x10m subcrop/otcp, dark beige weathering, medium gray coloured, very fine to fine grained siliceous dolomite, reacts with HCl, contains ~1% disseminated PO, rock is non-magnetic, in area for ~75m have angular blocks of this same dolomite, rock is also fairly well foliated, looks graphitic but does not dirty fingers, foliation @ 064/80	yes
385	488810	6805001	dolomite	from 384 to 385 and @ 385 have otcp of siliceous dolomite, always well foliated, locally even fissile, @ 385 have ~20x20m otcp area, foliation @ 252/78	no
386	488635	6804356	basalt	Northern flank of ridge, mostly boulders - sparse otcp, @ station have 5x10m otcp, some more otcp towards the West (not visited), otcp consists of massive, medium green, fine grained basalt, contains ~10% 1-3mm sized dark green spots (chlorite-rich clots), locally mm-sized vesicles, some carbonate alteration (carbonate on fracture surfaces, in veinlets, disseminated in rock, rock reacts to HCl), rock is non-magnetic	yes

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
387	488870	6804321	rhyolite (with fluorite)	from 386 to 387 Northern side of ridge composed only of boulders (no otcp), @ 387 have 5x5m flat otcp, rock is massive, medium gray porphyritic (fspar - qtz phenocrysts) rhyolite, rock is non-magnetic, some fluorite as well, some secondary carbonate, lots of qtz flooding in otcp, another 5x10m otcp of this rhyolite ~50m East of station 387	yes
388	489141	6804545	basalt	50x100m otcp area, otcp consists of medium green, coarse grained basalt (as opposed to microgabbro), massive, non-magnetic	no
389	489131	6804477	basalt	same otcp area as 388, coarse grained basalt, secondary carbonate (reacts with HCl)	yes
390	489245	6804530	pyroxenite	50x50m otcp area, rusty weathering to dark green weathering, about 20% of otcp is rock containing what appears to be fragments (1-15mm across) that stand out on weathered surface, are white-beige in colour and altered, on fresh surface fragments are pale green in colour and aphanitic, fragments in a matrix composed of coarse chlorite, some fragments have ~square X-sections, rock is probably an altered/deformed plag-rich pyroxenite, rest of otcp resembles pyroxenite (highly altered), no clear or distinct contact relationships between the two rock types, both rocks contain secondary carbonate, both rocks are magnetic, glacial striae @ 005	
391	489386	6804444	rhyolite	10x10m otcp, porphyritic gray rhyolite, fspar phenocrysts up to 5mm across, massive, dark gray in colour	no
392	489383	6804392	rhyolite	2x20m otcp, same rhyolite	no
393	489601	6804401	rhyolite (with fluorite)	30x30m otcp knoll, massive, medium gray amygdaloidal and porphyritic rhyolite, fspar phenocrysts, amygdules filled with qtz and qtz-fluorite, also secondary carbonate in amygdules and in rock	yes
394	489504	6804550	rhyolite	flat 3x5m otcp, strongly foliated medium gray porphyritic rhyolite, <10% phenocrysts - small mm-sized qtz>fspar phenocrysts, rock is non-magnetic, foliation @ 264/90	no
395	489566	6805086	basalt	from 394 to 395 no otcp, @ station have 2x10m otcp near base of Southern flank of ridge, otcp consists of medium green, weakly foliated, very fine grained basalt, rock is non-magnetic	no
396	489510	6805143	basalt	Western edge of otcp ridge, otcp extends East probably >100m, otcp consists of medium green, moderately foliated, very fine grained basalt, foliation more apparent on weathered surface, foliation @ 263/90, rock is non-magnetic	no
397	489693	6805532	basalt	traverse from 396 towards the NNW until river, no otcp, no otcp as well along Southern shore of river until 397, station @ base of semi-cliff ~15m high, still some snow, otcp consists of featureless, massive, medium gray, very fine grained basalt, rock is non-magnetic	no
398	489931	6805602	basalt	traverse along river edge, no otcp, @ 398 have small subcrop/otcp 2x5m in size, otcp is vesicular/amygdaloidal basalt, slightly phyllitic, medium gray, very fine grained	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
399	489955	6805418	phyllite (sed or rhyolite?)	75x30m otcp area, otcp consists of well foliated, medium gray, very fine grained, phyllitic sediment (or rhyolite), contains quite a few <1mm-sized black qtz grains, foliation @ 070/90, locally rock contains up to 5cm-sized dolomite clots and may contain up to 20% dolomite blebs (on strike with MB mapped area rock is more like rhyolite - to be worked on next traverse)	yes
400	490034	6805409	dolomite, phyllite	continuation of otcp from 399, have otcp/subcrop composed of dolomite (rusty weathering rind, dark gray, aphanitic) with minor qtz and mica (chlorite) minerals, also PY cubes, this almost "pure" dolomite ~3m wide, dolomite grades Southwards into mixed dolomite-phyllite over ~5m, ~10m South of mixed rock have just phyllite as @ 399	no
401	489931	6805251	phyllite	10x20m subcrop/otcp, rock is phyllite with about 20% fspar grains (most are flattened, some are subhedral), also small black qtz grains, foliation @ 082/90 (subcrop), rock similar to that at 399	yes
402	489882	6805222	basalt	three <5x10m-sized otcp in area, otcp consists of massive, medium green, very fine grained basalt	no
403	489775	6805224	basalt	20x50m otcp, basalt, medium green, massive, chloritized (all basalts in area are chloritized)	no
404	489724	6805220	basalt, phyllite	contact zone, basalt to the South, phyllites to the North, phyllites are very fissile, cleavage @ 081/90, phyllites exposed over 2x50m otcp/subcrop, contact within 3m, phyllite: medium gray, one area sampled has ~5% 1-4mm-sized whitish angular forms that are probably relict fspar phenocrysts, no black qtz grains however, rock probably very sheared rhyolite	no
405	489718	6805153	basalt	otcp part of large 100x100m otcp area (near South flank of ridge), massive, medium green, fine grained basalt, 2-3% disseminated PO, 405-396-395 all the same otcp ridge	no
406	489988	6805380	dolomite	20m wide by about 30m long area containing numerous boulders/blocks of dolomite, some ~1m-sized blocks, frost heave/subcrop, characteristic rusty brown weathering rind, medium gray on fresh surface, fine grained with ~20% fine grains of qtz	no
407	489975	6804864	basalt	from 406 to 407 no otcp not even along break in slope leading into valley, @ station have 5x20m otcp consisting of massive, medium gray-green, vesicular/amygdaloidal basalt, amygdules filled with carbonate	no
408	490092	6804834	basalt	first otcp @ base of northern flank of otcp ridge, rock is massive, very fine grained, pale green basalt with about 25% 1-5mm-sized dark green spots which are probably relict chloritized phenocrysts of px/ol, locally amygdaloidal, 1-10mm-sized amygdules filled with carbonate-qtz, trace CPY	yes

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
409	490257	6804809	basalt-pyroxenite	SE end of otcp ridge, ~90% of otcp ridge is basalt, locally have some pillow basalt, @ station have ~50x100m area of rock that has a reddish rusty weathering surface that resembles pyroxenite, however, on fresh surface rock is massive, medium green, fine-medium grained with about 5% 1-5mm dark green spots that may be phenocrysts - some are rounded others are subhedral and are composed of single x-tals (have cleavage), rock is pyroxenite - channel flow?	yes
410	490253	6804579	rhyolite boulders	30x30m boulder field, large 2-4m angular boulders, boulders consist of porphyritic rhyolite, 2-10mm-sized subhedral fspar phenocrysts, locally phenos make up 30% of rock, also some black qtz phenocrysts, very fine grained medium gray groundmass	no
411	490241	6804468	gabbro	20x40m otcp, massive, medium to coarse grained gabbro, px up to 1cm across, mottled medium gray-dark green on fresh surface	yes
412	490359	6804371	rhyolite	20x10m otcp area with many boulders, otcp consists of porphyritic rhyolite similar to boulders @ 410 (~30% phenos, 2-10mm fspar, 1-2mm qtz, much more fspar than qtz, very fine grained medium gray groundmass), locally rock is moderately foliated, foliation @ 086/90, quite a few rusty weathering rhyolite blocks in area, most blocks have no apparent mineralization but found some disseminated PO, <1% of rock	no
413	490173	6804406	rhyolite-gabbro	20x50m otcp/subcrop, contact zone, rhyolite subcrop South of gabbro otcp, rhyolite: porphyritic, medium gray coloured groundmass, gabbro: fine-medium grained, same as gabbro @ 411 but slightly finer grained, contact within a few metres	no
414	489851	6804443	gabbro	30x30m otcp area NW corner of lake, massive fine-medium grained gabbro (blocky px with interstitial plag needles), all three gabbros in area are similar	no
415	489617	6804412	rhyolite	continuation of otcp 393, sampled for whole rock geochem analysis, medium gray massive rhyolite with ~5% amygdules filled with carbonate-qtz-fluorite, also about 4% fspar phenocrysts and about 1% black qtz phenocrysts	no
416	493448	6808061	peridotite	Eastern end of boulder field comprised essentially of peridotite blocks, peridotite boulder field ~50m wide (~N-S), blocks up to m sized, peridotite is massive, green-black, fine grained with some mm-sized px	no
417	493195	6807962	peridotite	station on peridotite subcrop, between 417 and 416 have continuous ~50m wide area of peridotite boulders, subcrop and some 5x5m to 10x10m otcp, essentially no more peridotite towards the West, peridotite is massive, green black, very fine grained with mm-sized px	no
418	493263	6807930	rhyolite block	m-sized area containing <0.5m-sized angular blocks of rusty weathering pale green rhyolite, rhyolite contains ~5% disseminated PY, previously sampled as 4194 (fresh flagging)	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
419	493399	6807937	rhyolite	5x5m otcp, otcp consists of very foliated rhyolite, rhyolite is medium gray, aphanitic, no phenocrysts observed, foliation @ 240/83, locally have cm-thick by 10's of cm's long almost massive rhyolite lenses surrounded by strongly foliated rhyolite that is also cm to 10's of cm's thick and long (brittle-ductile deformation)	no
420	493472	6808001	PY-rich block	three <20cmx20cmx10cm thick subrounded blocks, blocks consist of sediment or sheared rhyolite (there are some mm-sized qtz grains) containing about 50% PY cubes up to 5mm across, rock is similar to PY-rich mafic schist @ 425 (qtz maybe introduced with PY?)	yes
421	493942	6808460	peridotite	50x100m area comprised of peridotite otcp/subcrop/m-sized boulders, peridotite is very fractured and crumbly, peridotite is massive, fine grained, contains about 20% fspar (or is this carbonate?) distributed evenly throughout rock, parting @ 237/55	yes
422	493597	6809071	mafic pyroclastics	no otcp between 421 and 422, @ station have 75x50m otcp, very irregular (pitted) otcp surface, mafic pyroclastics, locally on weathered surface rock is medium green and contains about 25% 1-5mm sized subhedral fspar x-tals, rock is also well foliated, foliation @ 241/90, locally rock is laminated/bedded, mm-cm thick units, also just sheared basalt	yes
423	494178	6808252	mafic schist	no otcp between 421 and 423, @ 423 on Northwestern flank of otcp ridge, many boulders, sparse otcp, dip slope exposure ~5m wide x 50m long, otcp/subcrop consists of well foliated, locally laminated (mm-thick darker and lighter bands), dark green-gray, very fine grained mafic schist (basalt?), some mm-sized PY cubes locally, rock weathers medium green, foliation @ 223/90, large range in MS values probably due to magnetite nodules (not seen here but found @ 431)	no
424	494196	6808144	rhyolite	just boulders between 423 and 424, mix of basalt (mafic schist) and rhyolite boulders, @ 424 have 30x10m otcp, otcp consists of very deformed/sheared rhyolite - schistose and anastomozing around mm-cm-sized more massive rhyolite (brittle-ductile deformation), foliation @ 225/90, rhyolite is aphanitic, dark gray in colour	no
425	494175	6807895	mafic schist boulders	just boulders between 424 and 425, ~halfway start to have more mafic schist boulders than rhyolite boulders (where I met BD), @ station have 20x10m area of angular blocks, m-sized and smaller, blocks consist of laminated mafic schists, some blocks have cm to 10 cm thick dolomitic layers over 20-40 cm thicknesses, also some rusty weathering blocks with about 30% PY cubes (<5mm in size) in mafic schist, some cm thick PY (~50% PY) horizons as well	yes

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
426	493898	6807707	mafic schist boulders	from 425 to 426 no otcp but boulder field comprised essentially of angular prismatic <3x3x3m-sized blocks of mafic schist, some mafic schist with minor cm thick dolomitic interbeds, @ 426 have 20x20m area of just prismatic subcrop/blocks <3x3x3m in size of mafic schist, schists are very well foliated and laminated, are medium green in colour and very fine grained, locally have <1mm thick alternating laminations that are white (albite rich?) and green (probably chlorite rich), general orientation of blocks @ 250/80	no
427	493746	6807408	basalt, mafic pyroclastics	from 426 to 427 no otcp, also no more mafic schist blocks, just rounded boulders of diverse lithologies, @ station have 2x15m otcp, half of it consists of non-laminated but weakly foliated medium green, very fine grained basalt, locally with much epidote alteration, the other half is more like a mafic pyroclastic, very irregular weathered surface, resembles cm-thick relict bedding, locally mm-sized rounded mafic fragments (but not that many)	no
428	493465	6807169		from 427 to 428 and passing near the river there is no otcp on the side of the hill, the majority of boulders are mafic schists, lesser mafic pyroclastics and about 35% gabbros, no gabbro otcp though, gabbro boulders m-sized and subrounded	no
429	493229	6807036	Fe-siltstone	no otcp between 428 and 429, @ station have 10x1m otcp, dip slope exposure, otcp consists of Fe-rich siltstone, massive, dark gray, heavy, very fine grained, magnetic, also some mm-thick silty laminations and foliation, laminations are discontinuous (pulled apart?), foliation/laminations @ 215/90, Fe-rich siltstone 10-15m wide, then have minor mafic schist subcrop to the North	yes
430	493137	6807431	basalt	station @ South side of otcp ridge that trends roughly E-W, otcp at least 100x50m in size, otcp consists of mafic schist, dark green, very fine grained, non-laminated, moderately foliated, foliation @ 243/80, metabasalt, only ~50m wide exposure - no otcp at top of hill	yes
431	493118	6807669	mafic schist	from 430 to 431 no otcp, even top of hill is just meadow, station is one quarter of the way down North flank of hill, no otcp but subcrop/angular boulders, m-sized and smaller, subcrop consists of laminated mafic schists, green in colour, very fine grained, blocks trend @ ~250, sample contains magnetite nodules <1cm in size and deformed (resemble augen), blocks all the way down the hill	yes
MB Mapping Stations					
711	495157	6807369	basalt	the outcrop is over the Puvungnituk River on the top of a ridge, is light grey sheared, calcite in schistosity planes, no sulphides.	no
712	495018	6807368	basalt	as previous station, S1 N050-75, fracture cliveage at N305-90	no
713	494790	6807179	basalt or metasediments?	rock is massive grey-purple. Calcite in vesicles with oxidized pyrite, traces of pyrite	yes
714	494744	6806843	boulder fields	boulders field of various lithologies	no
715	494918	6806482	gabbro	massive black gabbro on outcrop, grey medium grained with qtz veintets in FS, traces of pyrite.	yes

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
716	494853	6806405	gabbro	as previous station, no mineralization	no
717	494704	6806359	gabbro	as stations MB-715, 716, medium grained with Po+Py dissem~1%	no
718	494536	6806299	gabbro	same outcrop, mineralized with po+py ~2%, cpy (traces)	B373883
719	494580	6806207	gabbro	as previous station, non-mineralized, but centre of the outcrop is moderately sheared, S1 N245-44	no
720	494399	6806214	gabbro	as the others stations mapped before, some part of this rock features prismatic joint>0.70cm, dark grey, coarse cristals, fracture sets at N084-73	no
721	404281	6806177	gabbro	same outcrop western end of this ridge, no mineralization	no
722	494138	6805787	boulder fields	boulders of granitic lithologies and gabbro	no
723	494387	6805805	boulder fields	asprevious station	no
724	494559	6805857	amygdular basalt or tuf	the rock features amygdules (2-4mm) filled with calcite +-pyrite in vesicules, grey chlorite in FS.	yes
725	494764	6805819	amygdular basalt or tuf	the rock contains qtz+sulphides<1%	yes
726	494771	6805741	amygdular basalt or tuf	as previous rock	yes
727	494786	6805666	peridotite	reddish-brown, massive outcrop of peridotite, grey-marron in FS, medium grained, non-mineralized	yes
728	494976	6805686	peridotite	as previous stattion non mineralized	no
729	494632	6805629	peridotite	gark-grey to green bottle in FS, highly magnetic as the previous ones mapped before, non-mineralized	no
730	494306	6805366	boulders fields	western limits of the lake oriented E-W, no outcrop	no
731	494675	6805067	basalt	ridge of grey to light green basalt, fine grained, not mineralized.	yes
732	494746	6805022	gabbro	medium grained, plagioclase + pyroxene rich, non-mineralized	yes
733	494772	6804935	basalt or lapili tuf?	lens >6m2, located in gabbroic lithology, small black dots (1-3mm) traces of sulphides in this rock	yes
734	494833	6804744	gabbro	grey, medium grained in FS, non-mineralized, field of outcrop	no
735	494871	6804432	basalt	massive, grey and fine grained in FS, no sulphides observed in this rock	no
736	494805	6804320	basalt	as the previous station	no
737	494593	6804367	gabbro	fine grained gabbro, grey in FS, with dissem pyrite<1%	no
738	494384	6804275	basalt	grey to light green, massive outcrop of basalt, little spots of rust in fractures	no
739	494335	6804556	pillow basalt	grey to green chlorite, fine grained, non altered and non-mineralized series of pillow outcrop	no
740	494351	6804795	gabbro	as previous gabbro mapped before today.	yes
741	494140	6804753	gabbro	as station MB-740, but coarser, disseminated sulphides.pyrite!	yes
742	493393	6804457	boulders fields	no outcrops, just few granitic rounded boulders	no
743	493567	6804681	gabbro	medium grained grey light plagioclase rich w\qtz cristals non-mineralized, outcrop ~40m long x 25m large	no
744	493656	6804812	basalt	the basalt is very fine grained, grey in FS, traces of pyrite, no mineralization observed.	no
745	493666	6804837	gabbro	medium grained rock, non-mineralized and localy slightly magnetic.	no
746	493677	6804879	pillow basalt	pillows lava just few meters north of the gabbro at station MB-745	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
747	493745	6805040	boulder fields	trend of boulders between the two small lakes oriented WSW-ENE, tis tren corresponds to an EM conductor string	no
748	493882	6805485	boulders fields	boulders of granitic lithologies and gabbro, between stations MB-746-MB-749	no
749	493868	6805638	basalt	massive lava flow at the base of the outcrop, meanwhile pillows on the top, no alteration nor mineralization.	no
750	493827	6805674	basalt	the rock is locally oxidized and mineralized with pyrrhotite~1% dissem + cpy (traces)	B373884
751	493728	6805747	basalt	as previous station, but the massive part of the ridge is on the north side of this ridge and more mineralized with po+pyrite+-cpy, diss 2-5%	B373885
752	493586	6805608	peridotite	very coarse grained in FS, including pale cristal, the rock is highly magnetic, non-mineralized	yes
753	493484	6805717	basalt	similar to station MB-751, mineralized with Po dissem 1-2%	yes
754	493372	6805614	peridotite	as station MB-752, but cristals more regular, magnetic, non-mineralized	no
755	493268	6805504	basalt	aphanitic texture with small amygdulas (1-2mm), non mineralized	no
756	493115	6805489	pillow basalt	no mineralization observed	no
757	493107	6805567	peridotite	as station MB-754, fractures filled w\asbestos, fracture at N355-85	no
758	493101	6805637	peridotite	as previous peridotite	no
759	492915	6805880	gabbro	grey medium grained rock in FS, the ridge is elongated toward e-w, nonmineralized	no
760	492743	6805813	gabbro	same outcrop (gabbro ridge) but limit west of this.	no
761	492615	6805811	gabbro	small knob hill of gabbro idem to stations MB-758, 759	no
762	492802	6806017	gabbro	as station MB-759-->MB-761	no
763	492690	6806431	boulder fields	boulder fields	no
764	492738	6806561	basalt	the rock is aphanitic matrix with dissemin pyrite<1%	yes
765	492771	6806690	dolomite	on the cliff over the river, dolomite w\qtz-calcite veinlets, (fuschite or traces malachite are present, no sulphides	yes
766	492978	6806742	basalt	the rock is very fine grained slightly sheared with dissem pyrite~1%, in schistosity plans.	yes
767	493177	6806678	boulders fields	no outcrops, just few granitic rounded boulders in order to make a station	no
768	493377	6806708	basalt	fine grained rock chlorite color, qtz-ca in schistosity plans, non mineralized	no
769	493831	6806810	basalt	outcrop >20m2, matrix fine to medium grained, with dots (1-2mm) black cristal (chloritoides?) , no mineralization observed.	no
770	492088	6806474	pillow basalt	outcrop >100m2 lavas pillow localy with amydulas of calcite, non-mineralized	no
771	492299	6806462	boulders fields	boulders fields of various lithologies in the through	no
772	492365	6806186	boulders fields	as previous, located at west of small lake in the throught	no
773	492378	6806055	metavolcanite?	sheared unit with small dots (1-3mm), non mineralized	yes
774	492398	6806008	gabbro	fine grained, grey to pale green gabbro, traces of pyrite <1%	no
775	492425	6805705	boulders fields	located at eastern part of the lake	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
776	492415	6805511	basalt	massiv outcrop of basalt (+- ridge) the place has already been sampled years before #5015, localy oxidized and Po dissem 2%	no
777	492522	6805442	basalt\gabbro	contact of basalt north and a grey medium grained gabbro, no mineralization	no
778	492140	6805441	basalt	as station MB-776, light green to grey fine grained +- silicified mineralized w\Po dissem ~1%	yes
779	492005	6805321	basalt	idem to previous station, no sulphides.	no
780	491928	6805238	basalt\sediments	contac at S0 at N243\41, between tubiditic sediments and basalt north, traces of pyrite in the sediment	no
781	492201	6804839	boulders fields	trend of boulders oriented NW-SE, about 100m of the lake where EM conductors are located	no
782	492227	6804470	gabbro	grey, medium grained in FS, non-mineralized,	no
783	492508	6804488	gabbro	fine to medium grained, grey in FS, no mineralization in it.	no
784	492570	6804838	boulders fields	NE of the lake where some EM conductors are localized, just boulder fields	no
785	492687	6804659	gabbro	idem to station MB-782	no
786	492684	6804492	boulders trend	granitic and different lithological rock reprenting an esker oriented NS	no
787	492454	6804287	boulders fields	just in order to make a station, no outcrops!	no
788	492140	6804313	gabbro	fine grained, grey +-saccharoidal gabbro, no mineralization	no
789	491913	6804309	gabbro	coarse grained grey gabbro in FS, non-mineralized,	no
790	491750	6804407	basalt	massive outcrop of basalt, grey very fine grained No sulphides seen in it.	no
791	491575	6804296	basalt	as station MB-790, non-mineralized!	no
792	491253	6804299	basalt	as station MB-790, MB-791	no
793	491005	6804283	gabbro?\basalt	fine grained gabbro or basalt, no mineralization in it	no
794	490971	6804442	shale\siltstone graphitic	sub- of angular boulders of shale, grey +- oxidized	no
795	491004	6804590	shale\siltstone graphitic	contact zone inferres between probably tubiditic sediments quartzite siltstone and massive gabbro, dissem sulphides	yes
796	491091	6804913	boulder fields	as others boulders fields	no
797	491195	6804828	basalt, gabbro or pyroclastic	rock to be identified,	yes
798	491120	6805115	peridotite	brown outcrop of peridotite, medium grained, magnetic, non-mineralized	no
799	491321	6805106	boulders of peridotite	mineralized angular boulder 0.50x0.30m of peridotite with disseminated Po ~1 up 5%	B373886
800	491530	6805222	pillow basalt	southern flank of a pillow lava ridge, locally oxidized and silicified and mineralized with Po diss~1%	no
801	491571	6805319	pillow basalt	as previous station	no
802	491817	6804871	gabbro	the gabbro is medium grained rich plagioclase+pyroxene, non-mineralized	yes
803	491685	6804649	gabbro	as station MB-806, 807, medium grained with phenocristals of feldspar and non-mineralized.	no
804	491447	6804996	metavolcanite?	probably a metavolcanic mafic tuf as seen at station MB-773	yes
805	491376	6805090	basalt	massive outcrop of basalt, light grey to green chlorite, very fine grained localy mineralized with po+py~1% dissem	no
806	491292	6805764	rhyolite	dark grey to black rock in FS with qtz eyes floating in an aphanitic matrix, non-mineralized	yes

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
807	491317	6805822	rhyolite	as previous station, no mineralization observed, (no fluorite seen in it, in order to confirm the felsic affinity of this rock) !	yes
808	491352	6806103	gabbro	the rock is fine to medium grained, grey in FS, when wet, traces of iron sulphides.	no
809	491414	6806255	basalt	outcrop >100m2 (ridge) very fine green to aphanitic matrix, color chlorite, non-mineralized.	no
810	491330	6806260	dolomite	the rock is dolomitized and very close to the basalt (south of it), no mineralization observed in it.	yes
811	491198	6806177	basalt	the basalt is similar to the one previously mapped, no sulphide observed in it.	no
812	490466	6805906	basalt	rock is grey and fine grained in FS, traces of pyrite.	no
813	490595	6805877	basalt	the outcrop is +- dolomitic, saccaroidal texture in FS, non-mineralized	no
814	490848	6805865	rhyolite	same rock as seen at station MB-806, 807 w\fenocristals of fedsparts, no sulphides.	no
815	490976	6805686	boulders fields		no
816	490733	6805700	shale\dolomite	black shales grafitic, localy dolomitized, S0 N075\60	yes
817	490445	6805778	basalt	basalt localy dolomitized with pods of calcite	no
818	490354	6805475	rhyolite	as mapped yesterday at stations MB-806, 807	yes
819	490490	6805449	rhyolite	as previous station MB-818, more massive still w\qtz bubble, present, no sulphides	no
820	490564	6805327	basalt	rock is fine grained almost aphanitic, light green no mineralization.	no
821	490770	6805395	rhyolite ?	2 volcanic units, feldspars phenocrists north and aphanitic saccharoidal dark grey unit contact south, no minerals	yes
822	490746	6805217	basalt	the rock is chlorite color, fine grained and slightly sheared, non mineralized	no
823	490585	6805033	basalt	the rock is massive, grey to light green,very fne grained localy oxidized + mineralized w\po+py ~1%	yes
824	490576	6804935	basalt	as previous station MB-823, traces of Po	no
825	490653	6805035	basalt	the basalt is moderate silicified w\ amygdulas filled with pyrrhotite+cpy ~1% +disseminated	B373887
826	490743	6805028	basalt	as previous station but pillows oxidized too.	B373888
827	490870	6805054	basalt	as previous station , less mineralization and less silicified!	no
828	491031	6805171	peridotite	boulders of peridotite ~ 50m NW of outcrop, some boulders are mineralized w\pyrrhotite+cpy traces.	yes
829	490791	6804631	rhyolite?	massive grey rock w\phenocryst of feldspars, grey in FS, no sulphides.	no
830	490752	6804535	gabbro	micro gabbro, very fine grain salt and pepper texture, plagioclase +pyroxene rich, non mineralized	yes
831	490557	6804735	rhyolite or felsic tuf?	the rock is very fine grained slightly sheared with dissem pyrrhotite~10%, waxy texture in schistosity plans, some 50 meters west the rock contains some centimetric fragments.	B373889 +B373890 =1 whole rock
832	490431	6804757	rhyolite?	the rock is similar to station MB-829, localy oxidized, traces of sulphides (iron)	no
833	490339	6804715	rhyolite	as previous station but more pyrrhotite in centimetric pods.	yes
834	490334	6804821	pyroxenite	the rock is slightly mineralized with dissem Po+Cpy <1, observed in it.	yes
835	491471	6808388	boulders fields	area sector of Povungnituk river	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
836	491613	6808056	peridotite	outcrop of peridotite >5m2, rock is brown with some pale patches on outcrop, dark grey to green,medium grained in FS, magnetic non-mineralized, fracture clivage at N285-87	no
837	491611	6807967	basalt\volcanic bedded	contact between basalt north and volcanic sediments (turbidites?)bedded south, S0 N247\67, S1 N090-75	no
838	491920	6806933	basalt	massiv outcrop of basalt (+- ridge) the rock is slighty sheared, rock is light green+-chloritic color, no mineralization.	no
839	491676	6807788	basalt	as the previous station, non mineralized.	no
840	491857	6806931	boulders fields	right on the slope about 100m north of shore of the Petite Povungnituk River	no
841	491920	6806933	gabbro	gabbro, light green fine grained, non-mineralized, (have to compare with Hillar ??)	yes
842	492067	6806956	basalt	grey and aphanitic in FS, no sulphides observed in it.	no
843	492146	6806897	mafic volcanic sedimen\iron stone	sedimentary structure rock with bedding features +-like turbidite S0 N245\55, non-mineralized, but few meters south iron stone w\cpy traces	no
844	492219	6806951	dolomitic siltstone	as previous station but mineralized with jaspilitic-pyritic pods	no
845	492256	6807004	dolomitic siltstone	laminated light brown-cream siltstones with elongated pods of calcite,	yes
846	492444	6806945	iron stone	as station MB-844, the rock contains cpy (traces) higly magnetic	yes
847	492544	6807005	dolomitic iron stone	sub-crop and boulder of dolomitic jaspelitic-magnetic rock, no sulphides observed.	yes
848	492675	6807531	boulders fields	no outcrops, just mafic volcanic +-bedded angular boulders.	no
849	492808	6807583	volcanic laminated	sub-crop of finely laminated highly magnetic mafic-volcanic rock, non-mineralized	yes 1
850	492860	6807718	boulders fields	no outcrop, just station here !	no
851	492362	6807785	boulders fields	no outcrops there, just few volcanic basalt or mafic unit, non-mineralized	no
852	492236	6807858	basalt\volcanic bedded	basalt south and volcanic bedded rock south, no-mineralized.	no
MS Mapping Stations					
A055	490806	6806332		glacial debris on top of hill	no
A056	490822	6806309	m-seds	dgreywacke bedding, 5-25 cm thick, quartzose and argillic, some grading, if standard type grading south is up, bedding 285/80, ie bed is overturned, foliation 250/82, deviates in finer portion of bed. MS .35	no
A057	490857	6806317	um/seds	fault contact between seds and um, fault at 270/45, another at 240/80, sl horizontal, over all trend of fault is 270, MS um 66.2, 64.2, antigorite vein 2.34. UM is north	no
A058	490884	6806316	um	within massive um, local fault 350/85, antigorite fill in veins seems horizontal, MS 127, 68.9, 80, local areas of pxite	no
A059	490884	6806316	double		no
A060	490980	6806411	um/pxite	east end of large otc, someone has hammered here before, MS 14.4, 11.1, less olivine, possibly feldspars	no
A061	490974	6806421	um near contact	xenoliths of seds tens of cm across, actual contact within 10 m to northeast, MS sed xenolith -.02, host altered pxite 1.56, seds in the east, fp-pxite?	no
A062	490917	6806452	per	greenish tinge, MS 62	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
A063	490892	6806459	per	chocolate brown, MS 61, 68.2	no
A064	490861	6806455	per	choc brown, MS 71.9	no
A065	490851	6806433	ddh-target	boulder field, mudboils with rusty seds, see write up	no
A066	490738	6806346	per	two breaking directions, 245/steep, 220/steep, MS 53.6	no
A067	490704	6806343	per	choc brown, broken, lots of antigorite veins, part of very large otc	no
A068	490687	6806345	gabbro	beige, grey gbbr, contact irregular in detail, trends 220, might dip south?	no
A069	490647	6806390	gb/per	north edge of outcrop, large, contact is tectonictre movement.tic one, modified by la, trending 330, gb to east, MS .33, .22, .35 and 17.2 in pxite, local patches of gbbr in pyroxenite, contact also could be a magma	no
A070	490583	6806373	per	beige, expected gbbr, but got per instead, large pyroxenes 1/2 cm., MS 111, 107	no
A071	490554	6806282	per	MS 171, choc brn, not large otc covered by boulders	no
A072	489706	6805824	basalt	SLS I was over glacial debris, at station on top of hill, chlorite green basalt fracture cleavage 250/75 MS .30	no
A073	489690	6805796	per	sill trends 280, MS 35.1, 136	no
A074			basalt tuff	layer 255/80, parting 240/80, MS -.12, locally rusty	no
A075	489026	6805755	per	brow of hill, mostly per, pxite 12.7, per 121. mainly per.	no
A076	489658	6805764	gb	MS .77, lt grey beige, f-m grain, chlorite and epidote, properly an epidiorite	no
A077	489725	6805779	per	MS 216, striking green surface, black, dun; 117, choc brn per	no
A078	489757	6805820	um/basalt	um, to south, basalt to n orth, contact a metre wide gully, trending 285 0r so, sreep, MS basalt .31, um 185. clasts in basalt elongate in 285 direction plunging 20 to west.	no
A079a	489767	685900	phyllonite	fol 275/80, calc seds also black seds, MS .3	no
A079	489776	6805954	schist	EW direction od trend of foliation, steep dips	no
A080	490448	6806197	broken um	crushed altered um, MS 1,19	no
A081	490518	6806199	serpentine schist	irregular FZ 300/45 N, MS 39.2, 43.1, 49.0, expected much lower values than this. Antigorite decreases MS but deforming rock to make schist does not.	no
A082	490203	6806279	per	choc brn per, schistose	no
A083	490747	6806294	sed/um	contact trends to 055, nw side is broken gbbr, MS .24, gb, .17, m sed, 20 m north um	no
A131	490807	6806359	kozmo	top of hill,	no
A132	490739	6806406	siltstone	MS -.06	no
A133	490587	6806587	antigorite schist	250/70, sl plunge to W 45, at northern ext of um, per 57.1, ant schist 31.1	no
A134	490560	6806646	dol matrixed volc breccia		no
A135	490574	6806890	fppyrox/mt basalt	fp, fg gbbr, v magnetic, foliated, 235/v, 260/v,	no
A136	490582	6806903	foliated mt basalt/chlorite schist	mt disseminated and as small thin veinlets, local py, po? Cpy?, MS 56.1, 44.1, could be a sheared per, there is no antigorite and far too much chlorite, basalt is better interpretation	B373269
A137	490566	6807007	schistose volc breccia	at lake, sls across dol schists here its schistose volcanic breccia, MS .22	no
A138	490634	6806990	mt dolomite	orange dolomite w/ white qz stringers with pyite cubes and abundant mt octahedra (1mm) as well as minor chlorite, MS 394!!	no

Station Number	UTM NAD27		Rock Type	Notes	Samples taken
	Easting	Northing			
A139	491163	6806805	dolomite schist	dol schist, maybe in place	no
A140	491212	6806728	sh mt basalt	sls lots of boulder fields, mt basalt in fh place, MS 10.2	no
A141	491018	6806915	bf	boulder field	no
A142	491021	6806418	ant schist	antigorite schist very abundant, fault	no
A143	490993	6806400	ant schist	1/2 way up hill, 30 cm antigorite fibers, presumably fault zone	no
A144	490796	6806276	siltstones qz greywackes	MS .25, .35, fol 70/v, layering 072/85 S, similar to seds along strike	no
A145	490747	6806292	contact, sed/um	near termonation of layering by um., rusty along edge	no
A146	491615	6809003	basalt, MS 0.76		no
A147	491625	6808912	chert	blue chert in basaltic fragmental sequence, steep north dips, local epidote and pyrrite and gossan	no
A148	491985	6808530	bf	no otc	no
A149	492181	6808411	target	in river, no geological reason, could be a geophysical target	no
A150	492638	6808838	um near contact	possibly in place, MS 24.6	no
A151	492627	6808898	um	possibly in place, then pxite both thin into gbbr, MS 0.77	no
A152	492623	6808928	contact, sed/um	130/35 in seds bedding good, MS .44, gbbr MS .66, cross cutting	no
A153	492660	6808984	tuff	tuff in sequence 1-20 cm beds, bedding 295/55, local develop of epidote py	no
A154	492777	6809005	volc breccia	crs volc clastic witrh large 3 - 10 cm fragments	no
A155	493031	6809094	volc breccia	occ frags of limestone 10 cm, 3 cm by 2 cm.	no
A156	493614	6809650	chloritic schists steep north dip		no
A157	493836	6809690	gbbr	MS 1.00	no
A158	494007	6809777	green pxite	v.small otc, MS 1.94, probably in pace	no
A159	493973	6810149	tuff	250/80N pyroclastic sl deformed "pyroclastic" tuff with varied fragment sizes, MS4.63	no
A160	493772	6810310	bf		no
A161	493362	6810146	gbbr	gbbr, along brow of hill	no
A162	493362	6810145			no
A163	492903	6809880	greenschist	m-basalt, MS 0.43	no
A164	492851	6809883	tuff	sil finely bedded tuff, 090/65, MS -.03	no
A165	492812	6809883	tuff	peridotite, MS 108	no
A166	492832	6809911	gbbr	rusty crs gabbro, pegmatites	no
A167	492832	6809895	gbbr	rusty crs gabbro, MS 0.50	no
A168	492761	6809883	gbbr	really epidiorite, amphiboles, altered feldspars, chlorite	no
A169	492761	6809878	min gbbr	finely diss po and cpy in med to crs gabbro.	B373270
A170	492650	6809892	contact, sed/um	seds 130/60, ie south dips, gbbr to north, locally cross cuts	no
A171	492176	6809966	m-basalt	fh, kinda in place, green chlorite schist, MS 0.50, prob basalt	no
A172	491969	6809923	contact, sed/um	gbbr to north, chlorite schist to south, meta-basalt from here to start	no

Geologist: BD: B.Dressler; H.P: H.Pintson; MB: M.Brisebois; MS: M.Schau

Table 2: Surface sample assays - Kozmo Property

Sample Number	ALS CHEMEX Certificate	UTM (NAD27)		Rock Type	Ni (ppm)	Cu (ppm)	Co (ppm)	S (%)	Pt (g/t)	Pd (g/t)	Au (g/t)
		Easting	Northing								
B373127	TO04057965	493961	6812414	basalt	67	163	32	0.22	<0.005	0.002	<0.001
B373128	TO04057965	493830	6812395	peridotite	1405	479	121	0.45	0.008	0.001	0.008
B373129	TO04057965	490875	6809963	gabbro	54	192	50	0.93	<0.005	<0.001	0.002
B373130	TO04057965	492094	6809973	gabbro	65	83	29	0.12	<0.005	0.001	0.002
B373133	TO04057965	494933	6809913	feldspar porphyry flow	32	72	38	0.22	<0.005	<0.001	<0.001
B373136	TO04057965	489207	6809445	gabbro	8	130	39	0.07	<0.005	<0.001	<0.001
B373883	TO04069523	494536	6806299	gabbro	18	105	24	0.48	<0.005	0.002	0.001
B373884	TO04057965	493827	6805674	basalt	97	79	28	0.35	<0.005	<0.001	0.001
B373885	TO04057965	493728	6805747	basalt	130	91	29	0.51	<0.005	<0.001	0.001
B373886	TO04057965	491321	6805106	peridotite**	825	27	85	0.47	0.017	0.035	0.001
B373887	TO04057965	490653	6805035	basalt	93	476	108	2.02	<0.005	<0.001	0.001
B373888	TO04057965	490743	6805028	basalt	123	144	40	0.4	<0.005	0.001	<0.001
B373889	TO04057965	490557	6804735	rhyolite or felsic tuff	<5	57	6	1.71	<0.005	0.001	0.002
B373974	TO04057963	495976	6813582	gabbro**	40	66	100	2.02	<0.003	<0.003	<0.003
B373269	TO04053303	490574	6806890	basalt	5	82	58	0.42	0.012	0.002	<0.001
B373270	TO04053303	492761	6800878	gabbro	<5	150	14	0.54	0.01	0.006	<0.001

NB: For elements not listed in this table please consult Part C of the NovaWest/Cascadia assessment report on the Main Block Property. The reader is encouraged to compare the values listed here with those listed in the ALS CHEMEX cerificates. In case of discrepancies, the values in the certificates are the correct ones. For descriptions of occurrences please consult mapping station descriptions in Table 1. 10,000 ppm = 1%. *) frost heave; **) float.

Table 3: Surface sample whole rock analyses - Kozmo Property

Sample Number	ALS CHEMEX Certificate	UTM (NAD27)		Rock Type (field name)	SiO_2	Al_2O_3	Fe_2O_3	CaO	MgO	Na_2O	K_2O	Cr_2O_3	TiO_2	MnO	P_2O_5	SrO	BaO
		Easting	Northing		%	%	%	%	%	%	%	%	%	%	%	%	%
B373131	TO04057965	494884	6811114	carbonatite	43.8	12.62	13.91	13.38	6	2.12	0.21	0.02	2.32	0.23	0.2	0.03	0.03
B373132	TO04057965	494884	6811114	carbonatite	46.89	14.23	11.34	11.71	4.85	3.01	0.58	0.02	2.54	0.17	0.27	0.02	0.09
B373134	TO04057965	490544	6808540	carbonatite	54.74	13.8	12.73	1.76	3.71	4.47	3.98	0.02	2.11	0.02	0.05	0.01	0.03
B373135	TO04057965	489665	6808266	carbonatite	51.9	14.37	7.33	8.75	5.36	4.26	1.14	0.04	2.23	0.11	0.43	0.01	0.02
B373890	TO04057964	490557	6804735	rhyolite	74.32	10.85	4.97	0.32	1.25	1.21	3.85	<0.01	0.28	0.03	<0.01	<0.01	0.06

	LOI	CO_2/C	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B373131	4.19	2.2/0.6	99.03	<1	299	45.1	62.2	140	0.1	<5	4.1	2.3	1.4	16	5.1	3	0.9
B373132	2.49	0.9/0.24	98.21	<1	816	55.6	49.9	160	0.1	<5	5.1	2.8	2.1	16	6	4	0.8
B373134	0.88	<0.2/<0.05	98.31	<1	376	47.4	29.8	190	4.6	11	4.2	2.2	1.4	18	5.2	4	1.1
B373135	2.2	0.7/0.19	98.17	<1	224	92.2	34.7	310	0.1	5	5.7	3.3	2.1	15	7.5	5	7
B373890	1.39	nd	98.53	<1	499	422	<0.5	10	1	<5	37.1	19.8	3.3	50	41.8	51	Tm

	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tl	ppm
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	0.3
B373131	18.6	0.2	<2	27	25	81	<5	6	3.4	4.9	1	293	1.5	0.7	2	<0.5	0.3
B373132	21.4	0.3	<2	30	28.9	95	<5	6.7	15	6.3	2	220	1.7	0.9	2	<0.5	0.2
B373134	18	0.2	2	30	23.7	62	<5	5.7	161	5	1	104.5	1.7	0.7	2	<0.5	0.4
B373135	38	0.3	<2	37	42.6	64	5	10.4	29	8.2	1	126	2	1	3	<0.5	

	U	V	W	Y	Yb	Zn	Zr
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B373131	<0.5	306	1	20	2	114	122.5
B373132	0.5	343	1	24.2	2.1	83	140.5
B373134	<0.5	152	1	19.2	1.7	35	138
B373135	2	302	1	31.6	2.7	70	177
B373135	11.6	8	5	180.5	15	362	1820

Samples B373131 and B373132 are represented by images 04BD-1075 in Fig. 2.

Table 4: Petrography of selected samples - Kozmo Property

Mapping station	Field name	Field Description	Microscopic Observations	Rock type
04BD-747	gabbro	def @ 50/70; probably def gabbro	All altered; mainly actinolite; altered plagioclase makes up 10-20% of rock (tiny light coloured spots on hand specimen);	vfg gabbro or porphyritic basalt.
04BD-959A	coarse metasedimentary rock	1 m thick, coarse-grained bed within mmv, schistosity of mmv @50/60	The coarse-grained rock consists of garnet (approx. 60%), epidote (about 20%), carbonate (about 15%), and quartz (about 5%).	calcsilicate skarn
04BD-1033	sandstone	same rock as 1031 and 1032 but here with small mineral and rock clasts (prob. granitic)	Commonly euhedral plagioclase phenocrysts up to 0.8 x 1.4 mm in size. Minor quartz phenocrysts up 0.15 mm across. Groundmass of rock is vfg and consists of quartz, plagioclase, and sericite.	Foliated, plagioclase-phyric, felsic volcanic. Not a sandstone.
04BD-1158	rhyolite	o/c; 10x20 m; vfg	Vfg foliated. Mineralogy: Plagioclase, quartz; little chlorite, carbonate, sericite, and sphene. Opaque minerals common. Plagioclase is anhedral to, in places, euhedral. Quartz is less common than plagioclase.	Rhyodacite or rhyolite.
04BD-1075	carbonatite?	fizzes with HCl, siltstone at SE corner of outcrop bedding at 90/65	B373131: vfg groundmass of actinolite, minor carbonate, tiny nodules or roundish fragments consisting of actinolite and minor epidote, thinly rimmed with opaque material. Mudstone and carbonate-bearing mudstone fragments. On Fig. 2: A: vfg mudstone fragment. B: Carbonate-bearing mudstone fragment. B373132: Similar to B373131, but plagioclase recognized in groundmass. On Fig. 2: A: Fragment (?) consisting of vfg actinolite. B: Fragment consists of dense actinolite and tiny epidote-altered plagioclase phenocrysts. C: Fragments consisting of dense mass of actinolite and epidote.	(Carbonatitic) welded tuff
04BD-1078	carbonatite?	same rock as on 1075 but here with inclusions in the grey rock	Very epidote-rich, also carbonate and actinolite; volcanic clasts in the rock are 3 cm across, are vfg and contain tiny flow-aligned microcrysts and epidote-filled amygdules.	Carbonate-bearing pyroclastic rock.
04BD-1096	carbonatite/pyroclastics?	"pyroclastic" (sp1096A) forms massive layers with 10 - 20 cm thick massive carbonatite (sp 1096B), weathering rind like the "carbonatite" of 1075. One small mineral pinkish mineral fragment in pyroclastic found (type ??)	Practically all altered vfg groundmass consisting of carbonate, epidote, and actinolite. Carbonate forms the only larger components in the ground mass with the exeption of a few xenocrysts of plagioclase (up to 0.9 mm long) and scarce cpx (up to 1 mm across). Texture: Possibly flow-laminated.	carbonatite or carbonate-rich pyroclastic rock.
04BD-1097	carbonatite, carbonatite pyroclastics	as o/c 1096, here with a 8m wide rock that weathers like a peridotite, but is dark grey aphanitic (Whole rock analysis); all to 490549 - 6808547; The pyroclastics weather a diopside green.	Similar to B373131 and B373132; groundmass consists of actinolite, very fine-grained quartz and/or plagioclase, and epridote. No carbonate observed. On Fig. 2: Fragments A-E: A: vfg recrystallized quartz, probably quartz siltstone. B: Mainly vfg recrystallized quartz and (?) plagioclase, minor greenish biotite, minor epidote - mudstone. C: Vesicular-frothy volcanic fragment; amygdules filled with quartz, pagioclase and biotite. D: as fragment B. E: as groundmass, more green biotite.	Analyzed sample B373134. Vfg tuff.
04BD-1098B	carbonatite/carbonatite pyroclastics	the massive carbonatite in places has a texture resembling gabbro	Very similar to B373131, 32, and 34. Groundmass contains actinolite, epidote/zoisite, carbonate and quartz and/or albite. A euhedral (0.9 mm long) and a few anhedral (up to 0.8 mm across) plagioclase grains have been observed. On Fig. 2: A: extremely fg mudstone. B: Fragment all replaced by vfg actinolie. C: as B. D: as A. E: as B, plus epidote.	Analyzed sample B373135. Pisolithic tuff
04MSA-136	chlorite schist/basalt	mt disseminated and as small thin veinlets, local py, po? Cpy?, MS 56.1, 44.1, could be a sheared per, there is no antigorite and far too much chlorite, basalt is better interpretation	The rock is cataclastic-foliated. Dense masses of vfg biotite makes up 30-40% of rock. The remainder of rock consists of chlorite, quartz, up to about 10% opaque minerals, and apatite.	schist after ??
04MSA-169	gabbro	finely diss po and cpy in med to crs gabbro.	Vfg igneous texture; however, some plag. laths up to 0.17 x 1.7 mm in size. Mafic minerals make up <5% of rocks and consis mostly of chlorite after biotite. Minor calcite and actinolite; a few grains of zircon. Quartz > plag in modal content.	vfg quartz diorite

For UTM (NAD 27) sample locations please consult Table 1. All samples described in this table are represented in Fig. 2 by images of whole thin sections of approximately 4 cm length.

RAGLAN PROJECT

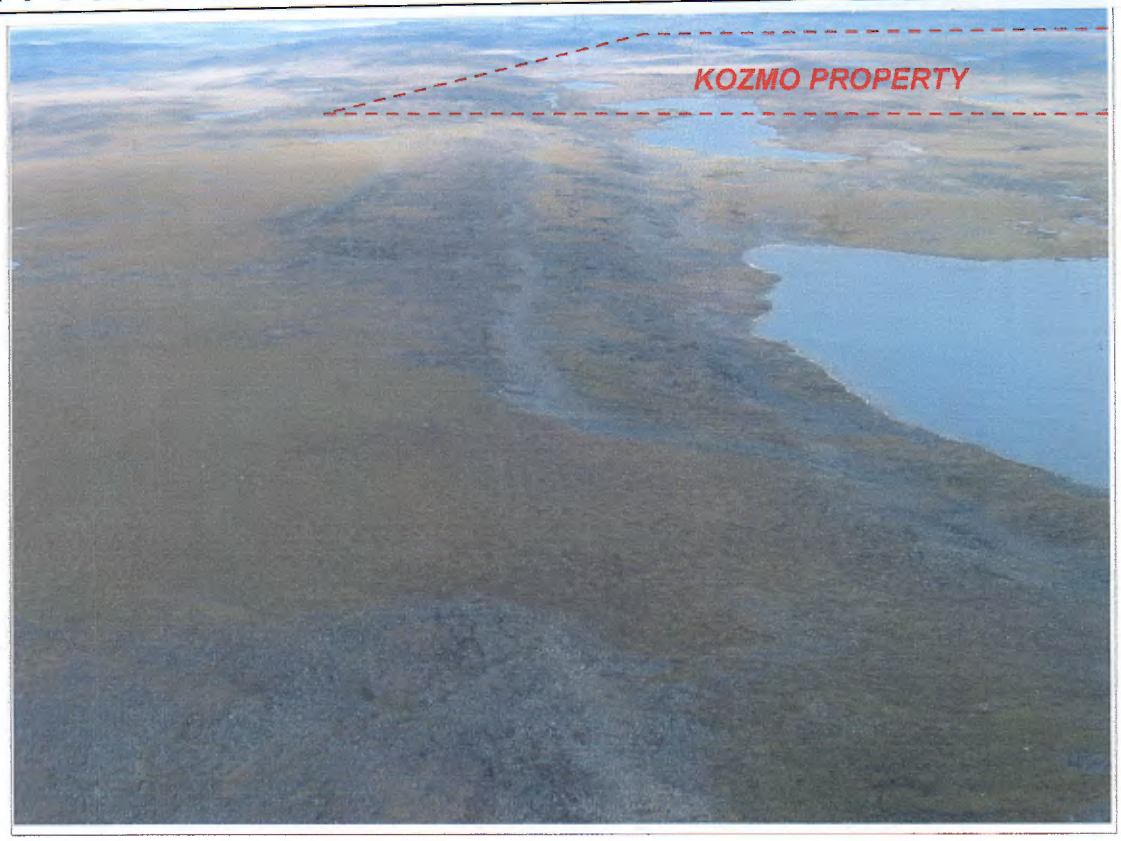
Cape Smith Fold Belt

Kozmo Property

REÇU AU MRNFP
12 AVR. 2005
BUREAU DU REGISTRAIRE

Part B: Drilling

& PART C: ALS CHEMEX CERTIFICATES



NovaWest Resources Incorporated
and
Cascadia International Resources Incorporated

Summer 2004

Prepared by R.D. Stewart, March 2005

05147-025

RAGLAN PROJECT
SUMMER 2004 KOZMO PROPERTY REPORT

PART A: GEOLOGY-LITHOGEOCHEMISTRY
PART A-1: REPORT
PART A-2: MAPS
PART B: DRILLING
PART B: REPORT, SUMMARY LOGS AND SECTIONS, DETAILED DRILL LOGS, DETAILED DRILL SECTIONS, GEOCHEMICAL RESULTS
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PART B: DRILLING
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SUMMER 2004 KOZMO PROPERTY REPORT
PART B: DRILLING

INTRODUCTION

This report is Part B of a multi-volume set describing results from the summer 2004 mineral exploration program on the Raglan Project by NovaWest Resources Inc. of Vancouver, British Columbia and Cascadia International Resources Inc. of Calgary, Alberta.

Novawest Resources Inc. were operators for the Novawest/Cascadia Raglan Project in 2004. A major component of the exploration program was a 53 hole, 8878m BQ drilling program. Drilling took place on 3 properties as follows:

Main Block Property: 46 holes, 7514 metres
Kozmo Property: 2 holes, 360 metres
Thunder Property: 5 holes, 1004 metres

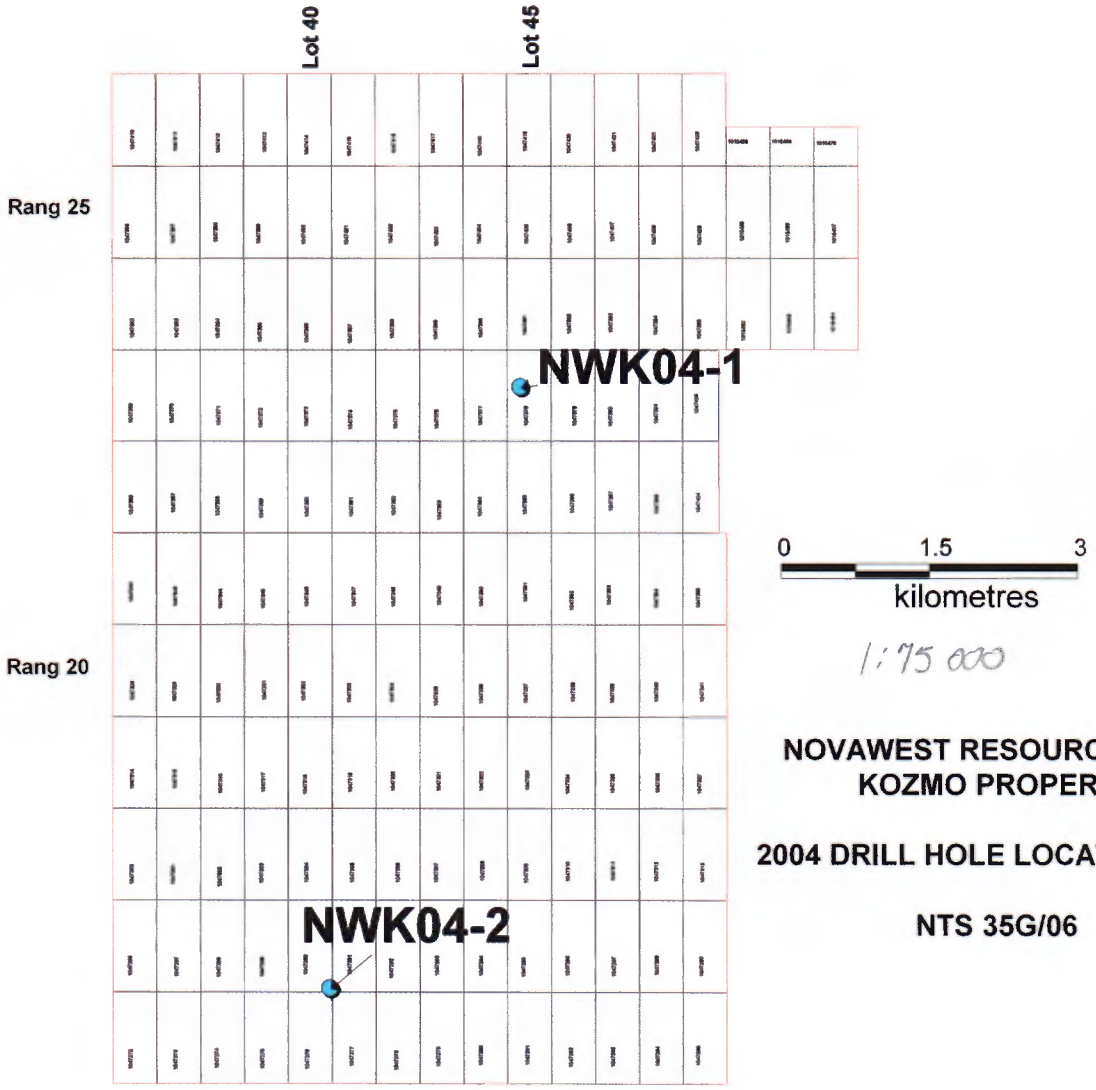
This report includes the drilling information for the Kozmo Property.

This volume (Part B) includes the drilling report, summary drill logs, page-size drill sections and graphs of magnetic susceptibility and fracture-frequency measurements plus the detailed drill logs, detailed drill sections and processed geochemical results.

DRILLING LOCATIONS

Figure B-1-1 is a location map showing the drillhole locations on the property.

Two holes totalling 360 metres were drilled on the **Kozmo Property** as part of the regional, 53 hole, 8878m program. Raglan Horizon stratigraphy occurs along the northern edge of the Kozmo Property and Belanger Complex Ultramafics trend onto the southern part of the property. Drilling in 2004 focused on targets in the central part of the property.. Unfavourable late season weather conditions terminated drilling before targets in the Belanger Ultramafics could be tested. Getty Zone Ni-Cu-PGE sulfide mineralization occurs 4.5 km east of the Kozmo property along-strike in the Belanger Ultramafics. The photo on the report cover shows the ridge of Belanger Ultramafics in the photo-centre as it trends westwards from the Getty Zone onto the Kozmo Property.



NOVAWEST RESOURCES INC.
KOZMO PROPERTY

2004 DRILL HOLE LOCATION MAP

NTS 35G/06

PROCEDURES

Core Logging Procedures

The drill core (BQ diameter) was periodically inspected at the diamond drill to monitor progress and to keep an up-to-date running rough crossection of the drill hole. Drill core was brought to camp at shift changes by helicopter. The following itemized core-logging procedure of core was used during the 2004 field session:

1. inspection of the drill core to ensure correct block meterage labelling,
2. rotation of the drill core with the dominant foliation, bedding, fracturing or veining trending from the upper left hand side to lower right hand side.,
3. one metre intervals measured and marked with a white china marker, areas of poor core recovery were noted,
4. drill core washed with a mild soap and water solution then rinsed,
5. true magnetic susceptibility was recorded at one metre intervals using an Exploranium KT-9 magnetic susceptibility meter.
6. fracture-frequency or rock quality determination (RQD), a measure of the number of natural breaks in the core over a one metre interval, was recorded for each one metre interval, more than 10 natural breaks within a one metre were recorded as the value 11.
7. detailed visual inspection of the core followed with sulfide occurrences being marked with a red china marker, unit changes marked with a yellow china marker and changes in magnetic susceptibility marked with a blue china marker
8. observations of lithology, structure, contact relationships, alteration and mineralization were hand-written notes that were later typed up into draft detailed and summary logs.

Sampling Procedures

Drill core was systematically sampled for geochemical/assay multi-element analysis or lithogeochemical (whole-rock) analysis. The sampling procedures are as follows:

Geochemical/Assay Sample Preparation Procedure

1. geologist logging the core lays out sample intervals in red grease pencil, interval has sample number written at the beginning of the run, the sample ticket placed in the core box at the end of the run and a line drawn down the core axis of the uniformly oriented core.
2. sample is transported to a core saw where it is sawn in half, along the drawn line, with the top half of the core and sample ticket being placed in a labelled sample bag, labelled with sample number to be sent out for analysis,
3. the sample number was written on the core and/or a sample ticket was stapled to the core box at the end of the sample run.
4. samples with less than 15% estimated sulfide content were submitted for multi-element geochemical analysis at ALS Chemex labs using their PREP 31, ME-ICP41a and PGM-ICP23 methods.

5. samples with more than 15% estimated sulfide content were submitted for multi-element geochemical analysis at ALS Chemex labs using their PREP 31, ME-ICP81; PGM-ICP27 methods. Sample storage and handling, plus standard crushing and milling practices on sulfidic samples successfully minimized the risk of autogenous sulfide combustion that was experienced in 2003.

Lithogeochemical (Wholerock) Sample Preparation Procedure

1. composite samples (three to four ~5cm samples of split core taken about 1 metre apart over a 3 metre interval) were collected from distinct, igneous lithological units selected using the detailed and summary drill logs,
2. samples were placed in a labelled sample bag with assay ticket.
3. representative igneous rock samples with less than 5% estimated sulfide content were submitted for whole rock geochemical analysis by lithium borate fusion with major oxides by XRF and minor elements by ICPMS at ALS Chemex labs using their ME-XRF06 plus ME-MS81 methods.

Shipping Procedures

Sample shipping procedures were as follows:

1. Samples were weighed to nearest 10grams, recorded with sample number in a spread-sheet.
2. Sample bags were rolled tightly to close and seal
3. 5 individual samples were placed in another new sample bag, labelled with contents.
4. Packages of 5 samples were placed in a new "rice bag" with three to four other packages
5. Rice bag was placed in a clean five-gallon pail with instructions for geochemical analysis and list of all samples (in each pail), rice bags were numbered sequentially from the beginning of season (starting at 1 with first set of samples sent out)
6. A cover letter to the lab was prepared providing sample lists and analytical instructions. About 4% of samples from each analytical method were specified to be prepared as crushed split duplicates (ALS Chemex SPL-21, PUL-31 methods) and downstream analysis.
7. Rice bags were secured at the top with a plastic zip tie, threaded through the canvas as to be cut off when opened (unable to gain access without cutting).
8. New security-seal pail lids were secured on by force. Tamper-proof, labelled pail lids provided additional security that samples were not tampered with enroute to the lab.
9. Shipping labels were affixed to the lid of the pail and the side of the pail, containing both the labs name and address and Novawest's address.
10. Pails were then "Shipment Numbered" sequentially as "x" of "y" .
11. Labels were taped over with packing tape to ensure they were waterproof.

12. Sample pails were transported to airstrip via helicopter, and loaded directly onto chartered aircraft or locked in a storage container until the next charter flight.
13. Samples upon reaching Montreal were taken to an ALS Chemex lab by FEDEX or transported by Novawest employees.

Geochemical Data Reporting Procedures
ALS Chemex reports results by email as available to the project operator.

Sample shipments were received by the ALS Chemex preparation facility where sample receipt was acknowledged then samples were listed, weighed and these results reported

ALS Chemex provided preliminary, interim results and finalized reports of geochemical results as available.

Drillhole geochemical results were integrated and checked with sampled intervals. A preliminary assessment of geochemical data involved highlighting samples with greater than 1000 ppm (0.1%) copper or nickel, 0.1 g/t gold or platinum and 0.4 g/t palladium. Intervals with elevated metals intervals were identified and length-weighted averages calculated. When finalized results were received and verified, intervals with length weighted averages were published.

Geochemical Data Analysis Procedures
Further study of geochemical, geological and geophysical inter-relationships completed the drilling analysis. Characteristic geochemical and geophysical signatures for alkaline volcanics / intrusions, komatiitic and high Mg tholeiitic volcanics, peridotite, pyroxenite gabbro, anorthosite and granophyre were derived and applied to initially logged units where data was available. Drill logs, summary logs and sections show these finalized lithologies that are consistent between project areas, core loggers and surface geology. Copper and zirconium results from lithogeochemical results were used to identify potentially magmatic mineralized (Cu/Zr>3) or depleted (Cu/Zr <1) units.

Geological descriptions and geochemical results were compared to determine drill sections that could be sampled to provide further information on potential magmatic mineralization. Recommendations for further sampling are included in the summary logs.

RESULTS

The following is a brief discussion of Kozmo Property 2004 drilling results:

NWK04-1

(NAD27 UTM Zone 18 492998mE, 6811373m N, 415m RL; 310 azimuth, -55 inclination, 150 metres, CDC Claim #1047378, NTS 35G6, Range 23, Lot 45)

NWK04-01 tested unexposed Povungnituk Group stratigraphy that presented itself as a sill-like magnetic high with a basal 47 siemens off-time conductivity response. Northwesterly and moderately dipping interbedded alkaline basaltic volcaniclastics and greywacke with common minor magnetite veinlets were intersected throughout the hole. The targeted anomalous magnetic and electromagnetic responses are tentatively attributed to the magnetite veinlets that tested conductive in core samples.

NWK04-2

(NAD27 UTM Zone 18 491050mE, 6805300m N, 414m RL; 180 azimuth, -55 inclination, 210 metres, CDC Claim # 1047290, NTS 35G6, Range 17, Lot 40)

NWK04-2 tested rock units of the Povungnituk Group with a 44 siemens off-time conductivity response adjacent a minor magnetic high that coincides with sulfide-bearing ultramafic outcrops. No mineralized units of interest were encountered. Graphitic argillites that flank alkaline mafic volcanics from 82.1 to 99.4 metres explain the AeroTEM™ response.

DRILL HOLE SUMMARIES / RECOMMENDATIONS

The following sections includes sequentially numbered drill hole summaries, drill sections and graphical representations of the magnetic susceptibility and fracture-frequency or rock quality designation (RQD). Following that section are detailed drill logs then full-size, detailed drill sections and processed geochemically results.

REFERENCES

Crone Geophysics & Exploration Ltd.: February 2005, Surface Pulse EM Surveys over Kozmo Grids, Raglan, Northern Quebec for Novawest Resources Inc during August of 2004, Report by Conrad Dix; this report, Part D.

DRILL HOLE NWK04-01 SUMMARY

Proposed Hole: Kozmo (Maverick) Area, "Target Area 6-A"
UTM NAD 27 Zone 18 Coordinates: 492998mE, 6811373mN, 415m RL
Grid Coordinates: on 2004 Grid surveyed within Kozmo PEM Loop A
Mineral Title: CDC 1047378; NTS 35G06, Range 23, Lot 45
Azimuth: 310 Inclination: -55 Length: 150 m BQ
Started: August 28, 2004 Completed September 1, 2004
Initially Logged by: Adam Richardson
Reviewed and finalized by: R.D. Stewart

Target: "Target Area 6-A" was selected for its geological complexity, magnetic high and flanking, strike limited, AeroTEM™ responses. Geological mapping did not explain the conductive source for the AeroTEM™ responses nor could it provide any clear indication of dip direction. A northeasterly strike was inferred from aeromagnetic results. In order to improve the target definition, a surface PEM survey was completed. A PEM response in the same area as the AeroTEM™ response was found. Dips were interpreted to be steep southeast.

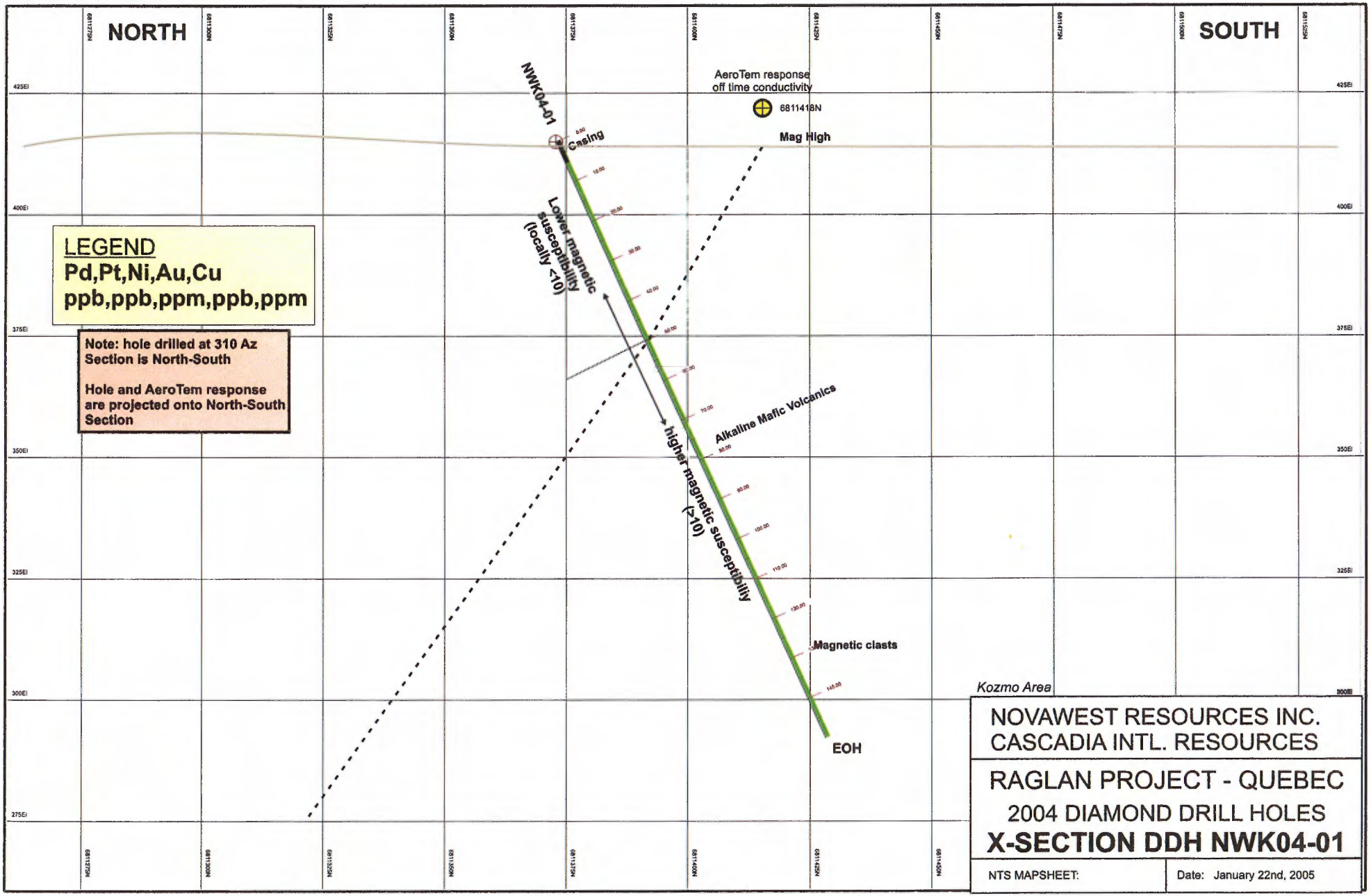
Results: NWK04-1, tested unexposed Povungnituk Group stratigraphy that presented itself as a sill-like magnetic high with a basal 47 siemens off-time conductivity response. Northwesterly and moderately dipping interbedded alkaline basaltic volcaniclastics and greywacke with common minor magnetite veinlets were intersected throughout the hole. The targeted anomalous magnetic and electromagnetic responses are attributed to the magnetite veinlets that tested conductive in core samples. Magnetic susceptibility measurements on drill core are lower (MS<10) down to fifty metres then the magnetic susceptibility is uniformly higher (MS>10) to the end of the hole. This change corresponds to the a steeply southeasterly dipping edge of the target aeromagnetic high. Strong foliation is sub-parallel the core axis over much of the drill hole. Bedding is sub-parallel shear foliation in many locations. Drilling may be along axial plane foliation.

Recommendations: No further sampling required. No further work recommended in the immediate vicinity. Focussing exploration efforts on the Belanger Ultramafics and AeroTEM™ responses in the southeast part of the Kozmo property is recommended.

Geochem / Assay Samples: 1 sample / 0.5 metres
Lithogeochem Samples: 2 samples

Summary Log:

From –To	Final Lithology
0.0 – 6.0m	Casing
6.0 – 150m	Alkaline Mafic Volcanics, greywacke
150.0m	End of Hole.



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CASCADIA INTL. RESOURCES

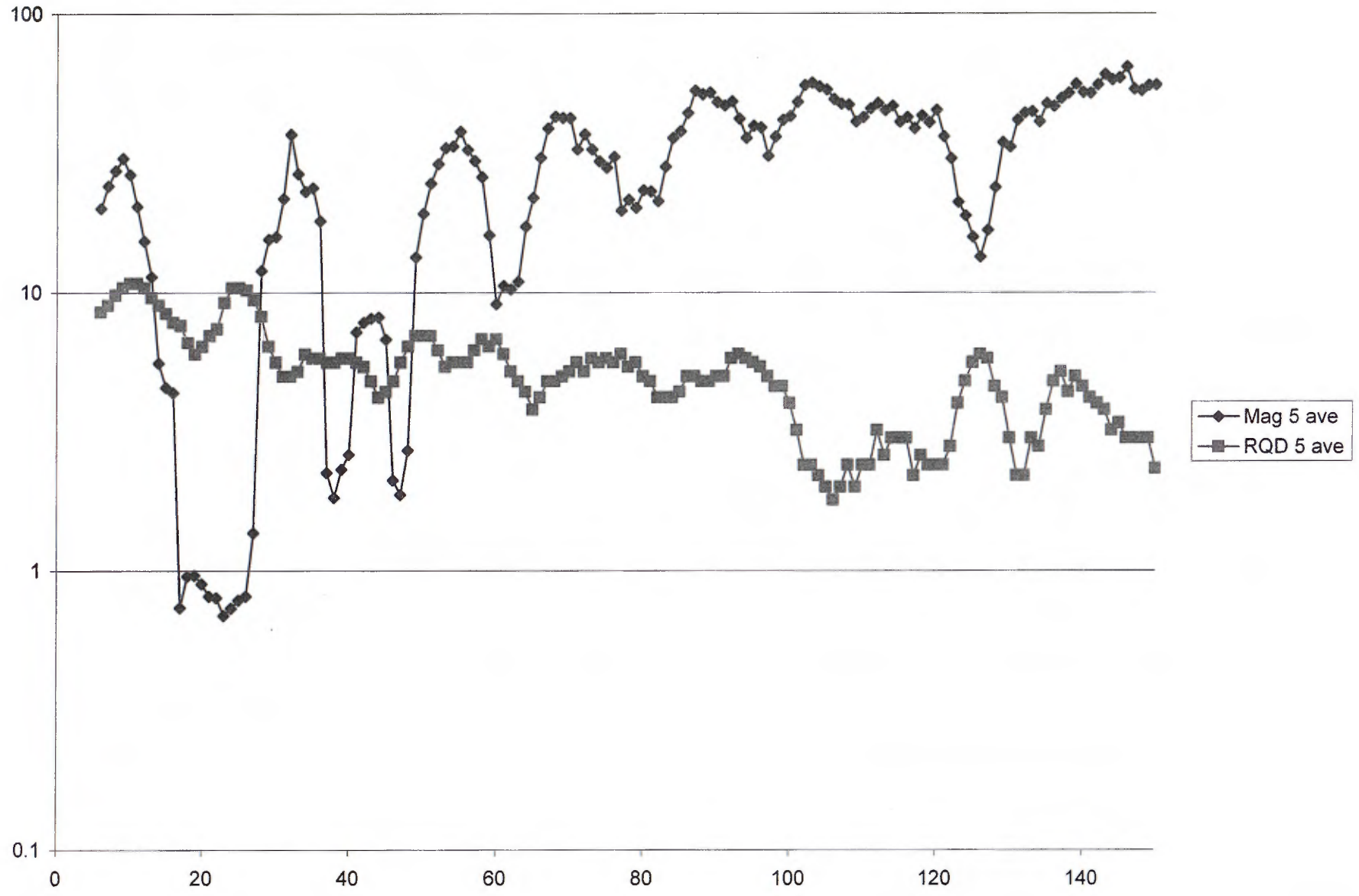
RAGLAN PROJECT - QUEBEC

2004 DIAMOND DRILL HOLES

X-SECTION DDH NWK04-01

NTS MAPSHEET:

Date: January 22nd, 2005



5 POINT AVERAGED DATA FROM 1 METRE INTERVALS

NWK04-01

DRILL HOLE NWK04-02 SUMMARY

Proposed Hole: Kozmo (Maverick) Area, "Target Area 6-C"
UTM NAD 27 Zone 18 Coordinates: 491050mE, 6805300mN, 414m RL
Grid Coordinates: no local grid
Mineral Title: CDC 1047290; NTS 35G06, Range 17, Lot 40
Azimuth: 180 Inclination: -55 Length: 210 m BQ
Started: September 2, 2004 Completed September 9, 2004
Initially Logged by: Adam Richardson
Reviewed and finalized by: R.D. Stewart

Target: "Target Area 6-C" was selected for its geological position on the northern edge of a formational swarm of conductors, a subtle magnetic high and flanking AeroTEM™ responses. Geological mapping in 2004 indicated the magnetic high coincides with sulfide-bearing ultramafics.

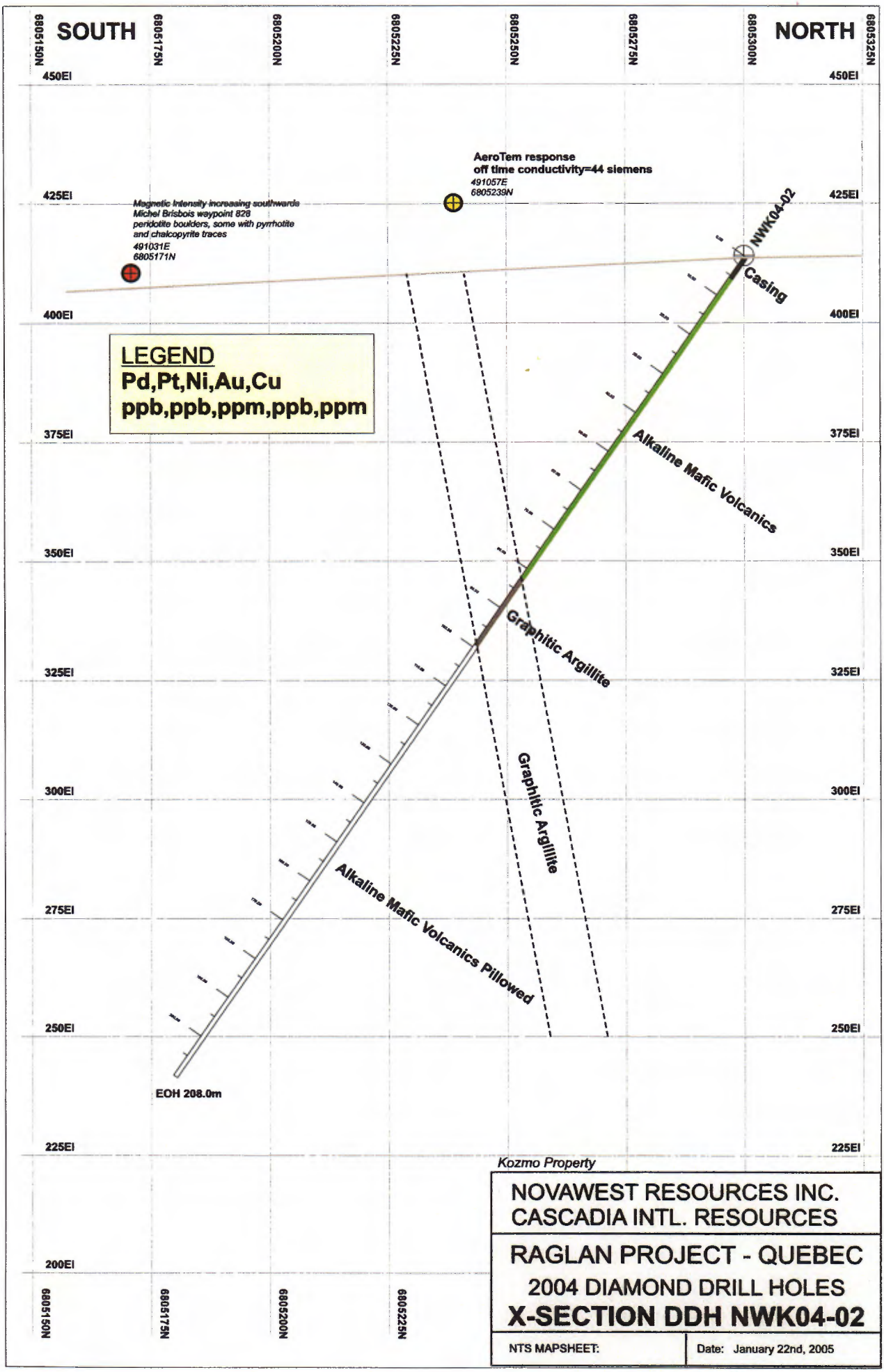
Results:
NWK04-2 tested rock units of the Povungnituk Group with a 44 siemens off-time conductivity response adjacent a minor magnetic high that coincides with sulfide-bearing ultramafic outcrops. No mineralized units of interest were encountered. Graphitic argillites flanking the alkaline mafic volcanics from 82.1 to 99.4 metres explain the AeroTEM™ response. Stratigraphy dips steeply north at 80 degrees. The downdip projection of the sampled surface peridotite containing some pyrrhotite and chalcopyrite was between 170 and 180 metres. At this interval in the drill hole, 140 metres below surface, only pillowed alkaline mafic volcanics are present.

Recommendations: No further sampling required. No further work recommended in the immediate vicinity. Focussing exploration efforts on the Belanger Ultramafics and AeroTEM™ responses in the southeast part of the Kozmo property is recommended. A source for the peridotite

Geochem / Assay Samples: 4 samples / 4.0 metres
Lithogeochem Samples: 2 samples

Summary Log:

From –To	Final Lithology
0.0 – 5.61m	Casing
5.61 – 82.13m	Alkaline Mafic Volcanics
82.13 - 99.37m	Graphitic Sediments
99.37 - 210m	Alkaline Pillowed Basalt
210.00m	End of Hole.


SOUTH
NORTH
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6805175N
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6805225N
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6805300N
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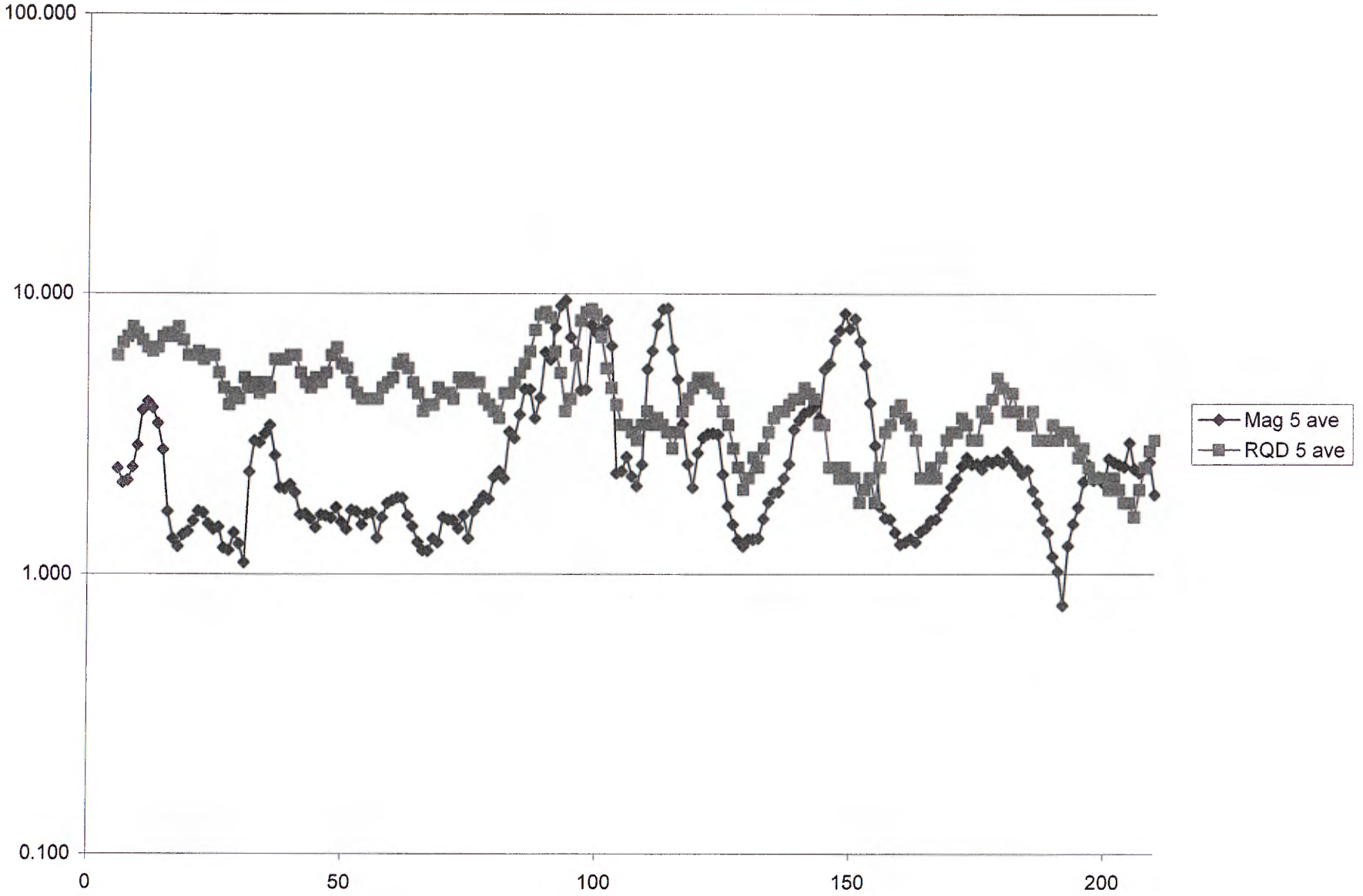
450EI
425EI
400EI
375EI
350EI
325EI
300EI
275EI
250EI
225EI
200EI
AeroTem response
off time conductivity=44 siemens
491057E
6805239N
Magnetic Intensity increasing southwards
Michel Brisbois waypoint 828
peridotite boulders, some with pyrrhotite
and chalcopyrite traces
491031E
6805171N
NWK04-02
Casing
LEGEND
Pd,Pt,Ni,Au,Cu
ppb,ppb,ppm,ppb,ppm
Alkaline Mafic Volcanics
Graphitic Argillite
Graphitic Argillite
Alkaline Mafic Volcanics Pillowed
EOH 208.0m
Kozmo Property
NOVAWEST RESOURCES INC.
CASCADIA INTL. RESOURCES
RAGLAN PROJECT - QUEBEC
2004 DIAMOND DRILL HOLES
X-SECTION DDH NWK04-02
NTS MAPSHEET:
Date: January 22nd, 2005



5 POINT AVERAGED DATA FROM 1 METRE INTERVALS

NWK-02

NOVAWEST RESOURCES INC

DETAILED DRILLHOLE LOG: NWK04-01

RAGLAN PROJECT

KOZMO PROPERTY

Central Kozmo Area

Mineral Title:	35G06, Range 23, Lot 45; CDC 1047378				
Grid Location:	2004 PEM Loop A Grid	Drilled by:	Major Drilling		
UTM Zone 18 (NAD 27)	492998 m E:	Started:	August 28, 2004		
	6811373 m N:	Finished:	September 1, 2004		
UTM Elevation:	415 m RL	Set-up checked by:		Adam Richardson	
Hole Azimuth / Inclination:	310/-55 degrees	Initially Logged by:		A. Richardson	September, 2004
(used magnetic declination of 32.75 degrees W)		Finalized by:		R.D. Stewart	March 17, 2005
Hole Length:	150 m	Site Reclaimed:	September 2004		
Casing:	pulled				
Other:					
Target:	Kozmo (Maverick) Area, Geological Target Area 6-A				
Core: all BQ	Core stored at Raglan Camp (UTM NAD 27:530160mE, 6817360m N)				

Drill Hole NWK04-01 Detailed Drill Log

0.00-6.00m **CASING**

6.00-150.00m **ALKALINE METAVOLCANICS AND GREYWACKE**

- green to dark grey alternating fine layers (1-2 cm) quartzite and greywacke intercalated with volcanic units. Bedding angles highly variable. Common minor magnetite veinlets and vein controlled epidote alteraion throughout unit. Irregularly spaced small (<1cm) quartz veins common. MS variable (<1to >50) due to magnetite veins and fragments common in unit. Grainsize increase (144.00-145.10m) associated with increase in quartz clast abundance (~10% modal) with sharp upper contact and gradational lower contact over last 10cm. Magnetite clasts (ripup?) common from 128.00m to eoh.

Alteration: pervasive chlorite alteration with vein controlled epidote alteration.
Mineralization: trace sulphide observed

150.00m **END OF HOLE**

NOVAWEST RESOURCES INC

DETAILED DRILLHOLE LOG: NWK04-02

RAGLAN PROJECT

KOZMO PROPERTY

Central Kozmo Area

Mineral Title: 35G06, Range 17, Lot 40; CDC 1047290

Grid Location: no local grid

Drilled by: Major Drilling

UTM Zone 18 (NAD 27) 491050 m E:

Started: September 2, 2004

6805300 m N:

Finished: September 9, 2004

UTM Elevation: 414 m RL

Set-up checked by: Adam Richardson

Hole Azimuth / Inclination: 180/-55 degrees

Initially Logged by: A. Richardson September, 2004

(used magnetic declination of 32.75 degrees W)

Finalized by: R.D. Stewart March 17, 2005

Hole Length: 210 m

Site Reclaimed: September 2004

Casing: pulled

Other:

Target: Kozmo (Maverick) Area, Geological Target Area 6-C

Core: all BQ Core stored at Raglan Camp (UTM NAD 27:530160mE, 6817360m N)

Drill Hole NWK04-02 Detailed Drill Log

0.00 - 5.61m **CASING**

5.61-82.13m **MAFIC VOLCANICS**

- greenish grey very fine grained to aphanitic rock interbedded with fine grained quartzite and quartz argillite as interflow sediments. Sediment layers up to 5cm thick at irregular intervals. Foliation 40-50°CA observed in unit.

24.53-24.60 zone of abundant quartz clasts 10-15 modal% with long axis of clasts aligned to 40-50°CA.

28.22-28.97 argillicious quartzite as interflow sediments

Alteration: pervasive chlorite alteration

Mineralization: trace sulphide (pyrrhotite dominant with trace chalcopyrite) observed

82.13-99.37 **GRAPHITIC SEDIMENT**

- dark grey to black argillite-graphite. Highly disrupted bedding. High conductivity and patchy high MS values.

87.13-87.77 Lens of argilliceous quartzite

88.30-90.20 shear zone

99.37-210.0 **PILLOWED BASALT**

- greenish grey fine to aphanitic mafic rock with patchy zones of amygdules. Bedding angles commonly 40-50°CA. Identifiable flow tops at 117.28m and 119.5m indicate flows top down hole.

114.11-114.17 Massive pyrrohite with minor chalcopyrite in flow selvage. Two identified phases of pyrrhotite-one magnetic, the other non-magnetic with the non-magnetic phase dominant.

189.09-190.44 Anorthosite vein

Mineralization: dominant pyrrhotite with minor chalcopyrite

Alteration: pervasive minor chlorite alteration with general increase in degree of alteration downhole

210.00 m **END OF HOLE**

NOVAWEST RESOURCES INC.

DRILL HOLE GEOCHEMICAL SAMPLES

HoleID	SampleID	From (m)	To (m)	Length (m)	Field Mass (g)		SAMPLE ID	WEI-21 Recvd Wt. kg	GM-ICP23 Au ppm	GM-ICP23 Pt ppm	GM-ICP23 Pd ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 Ba ppm
GEOCHEM THRESHOLD									0.1 ppm	0.1 ppm	0.4 ppm				
									0.5 ppm	0.5 ppm	2.0 ppm				
									1.0 ppm	1.0 ppm	4.0 ppm				
NWK04-1	80451	99.00	99.50	0.50	700	81	80451	0.65	<0.001	<0.005	0.001	<1	3.65	10	230
NWK04-1	80451RD	99.00	99.50	0.50	700	81	80451RD	0.65	<0.001	<0.005	<0.001	<1	3.38	<10	250
NWK04-2	80452	34.00	35.00	1.00	1450	81	80452	1.41	<0.001	<0.005	0.001	<1	4.49	<10	<50
NWK04-2	80453	111.00	112.00	1.00	1420	81	80453	1.38	0.001	<0.005	<0.001	<1	3.12	<10	<50
NWK04-2	80454	114.00	115.00	1.00	1540	81	80454	1.5	0.003	<0.005	0.001	1	1.84	<10	70
NWK04-2	80455	150.00	151.00	1.00	1520	81	80455	1.48	0.007	<0.005	0.003	3	1.48	10	120

NOVAWEST RESOURCES INC.

DRILL HOLE GEOCHEMICAL SAMPLES

HoleID	SampleID	From (m)	To (m)	Length (m)	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm
GEOCHEM THRESHOLD									100ppm 500ppm	900ppm 5000ppm	1000ppm 5000ppm 10000ppm					
NWK04-1	80451	99.00	99.50	0.50	<5	<10	3.82	<5	48	76	1065	8.91	<50	<5	0.59	<50
NWK04-1	80451RD	99.00	99.50	0.50	<5	10	3.5	<5	41	72	1435	8.24	<50	<5	0.62	<50
NWK04-2	80452	34.00	35.00	1.00	<5	<10	8.07	<5	81	286	303	13.9	<50	<5	<0.05	<50
NWK04-2	80453	111.00	112.00	1.00	<5	<10	2.5	<5	47	77	239	10.15	<50	5	0.11	<50
NWK04-2	80454	114.00	115.00	1.00	<5	10	3.05	<5	104	57	863	10.3	<50	<5	0.16	<50
NWK04-2	80455	150.00	151.00	1.00	<5	<10	2	<5	179	78	666	15.95	<50	<5	0.36	<50

NOVAWEST RESOURCES INC.

DRILL HOLE GEOCHEMICAL SAMPLES

HoleID	SampleID	From (m)	To (m)	Length (m)	ME-ICP41: Mg %	ME-ICP41: Mn ppm	ME-ICP41: Mo ppm	ME-ICP41: Na %	ME-ICP41: Ni ppm	ME-ICP41: P ppm	ME-ICP41: Pb ppm	ME-ICP41: S %	ME-ICP41: Sb ppm	ME-ICP41: Sc ppm	ME-ICP41: Sr ppm	ME-ICP41: Ti %
GEOCHEM THRESHOLD									1000ppm		35ppm	3%				
									5000ppm		175ppm	15%				
									10000ppm		350ppm	30%				
NWK04-1	80451	99.00	99.50	0.50	3.33	1490	<5	0.24	35	1820	<10	0.13	<10	15	68	1.14
NWK04-1	80451RD	99.00	99.50	0.50	3.08	1380	<5	0.22	38	1820	<10	0.17	10	12	54	0.98
NWK04-2	80452	34.00	35.00	1.00	3.33	1360	<5	<0.05	216	960	<10	2.56	<10	12	164	1.15
NWK04-2	80453	111.00	112.00	1.00	2.03	1110	<5	<0.05	82	1590	<10	1.82	<10	<5	16	1.21
NWK04-2	80454	114.00	115.00	1.00	0.76	640	<5	<0.05	108	1560	<10	5.15	<10	<5	41	1.42
NWK04-2	80455	150.00	151.00	1.00	0.59	460	<5	0.05	178	1390	<10	7.8	<10	<5	22	1.3

NOVAWEST RESOURCES INC.

DRILL HOLE GEOCHEMICAL SAMPLES

HoleID	SampleID	From (m)	To (m)	Length (m)	ME-ICP41 Tl ppm	ME-ICP41 U ppm	ME-ICP41 V ppm	ME-ICP41 W ppm	ME-ICP41 Zn ppm	CHEMEX REPORT NUMBER
GEOCHEM THRESHOLD									5000ppm 25000ppm 50000ppm	
NWK04-1	80451	99.00	99.50	0.50	<50	<50	218	<50	150	TO04065223 - Finalized
NWK04-1	80451RD	99.00	99.50	0.50	<50	<50	201	<50	140	TO04065223 - Finalized
NWK04-2	80452	34.00	35.00	1.00	<50	<50	272	<50	130	TO04065223 - Finalized
NWK04-2	80453	111.00	112.00	1.00	<50	<50	206	<50	90	TO04065223 - Finalized
NWK04-2	80454	114.00	115.00	1.00	<50	<50	120	<50	50	TO04065223 - Finalized
NWK04-2	80455	150.00	151.00	1.00	<50	<50	102	<50	40	TO04065223 - Finalized

RAGLAN PROJECT
Kozmo Property
Part C:
ALS CHEMEX GEOCHEMICAL RESULTS CERTIFICATES

The following ALS Chemex reports provide original documentation for the 2004 geochemical results included in this report.

Report ID	Contains Result From These Raglan Properties
TO04053303	Main Block and Kozmo Property
TO04057963	Main Block and Kozmo Property
TO04057965	Main Block and Kozmo Property
TO04061772	Main Block and Kozmo Property
TO04065221	Main Block, Kozmo Property and Thunder Property
TO04065223	Main Block and Kozmo Property
TO04069523	Main Block and Kozmo Property

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
This copy reported on 22-MAR-2005
Account: PET

CERTIFICATE TO04053303

Project: RAGLAN

P.O. No.:

This report is for 104 Rock samples submitted to our lab in Toronto, ON, Canada on 13-AUG-2004.

The following have access to data associated with this certificate:

PAT O BRIEN	BOB STEWART	

SAMPLE PREPARATION

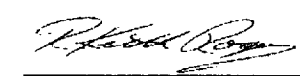
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
ME-MS81	38 element fusion ICP-MS	ICP-MS

To: **NOVAWEST RESOURCES INC.**
ATTN: BOB STEWART
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5	ME-ICP41a Fe % 0.05	ME-ICP41a Ga ppm 50	ME-ICP41a Hg ppm 5
355451		0.35														
355452		0.38														
355453		0.35														
355454		0.37														
355455		0.56														
355455 RD																
355456		0.31														
355457		0.76														
355458		0.73														
355459		0.57														
355460		0.34														
355461		0.35	<1	1.16	10	<50	<5	<10	<0.05	<5	81	1145	7	6.78	<50	6
355462		0.51	1	3.08	<10	<50	<5	<10	0.43	<5	162	1520	1750	6.45	<50	<5
355463		0.47	2	2.95	<10	<50	<5	<10	0.19	<5	137	833	2270	9.24	<50	<5
355464		0.70	<1	2.78	20	<50	<5	<10	2.04	<5	55	60	224	6.95	<50	5
355465		0.32	2	2.07	20	60	<5	<10	0.21	<5	<5	5	47	1.57	<50	<5
355466		0.43	<1	1.46	<10	<50	<5	<10	0.13	<5	139	2430	168	8.64	<50	7
373116		1.56														
373117		1.45														
373118		1.68	<1	1.66	<10	560	<5	<10	1.55	<5	9	7	21	6.07	<50	<5
373118 RD			<1	1.69	10	580	5	<10	1.57	<5	8	<5	21	6.18	<50	<5
373119		1.53	<1	1.48	10	<50	<5	<10	1.14	<5	37	8	225	4.41	<50	<5
373120		1.95	1	1.72	<10	50	<5	<10	0.05	<5	6	<5	39	4.93	<50	<5
373121		1.76														
373121 RD			<1	2.57	<10	140	<5	<10	1.82	<5	15	52	25	3.65	<50	<5
373122		1.58	1	0.91	10	<50	<5	<10	1.52	<5	20	8	241	2.03	<50	<5
373123		1.82	1	2.77	10	<50	<5	<10	3.32	<5	31	<5	526	5.51	<50	6
373124		0.60														
373125		2.00														
373126		1.83	<1	4.00	<10	<50	<5	<10	4.44	<5	60	224	708	10.70	<50	7
373221		1.27	<1	2.40	<10	320	<5	10	1.95	<5	58	6	167	8.71	<50	6
373222		0.73	<1	1.12	<10	<50	<5	<10	1.57	<5	75	<5	523	3.83	<50	<5
373223		1.30	1	1.51	<10	<50	<5	<10	0.77	<5	78	34	982	5.89	<50	<5
373224		1.29	<1	1.02	20	<50	<5	<10	0.76	<5	51	587	313	3.71	<50	<5
373225		1.20	<1	1.56	<10	<50	<5	<10	2.42	<5	298	6	1375	9.85	<50	<5
373226		1.23	<1	1.20	10	<50	<5	<10	2.51	<5	148	81	735	6.03	<50	<5
373227		1.56	2	0.39	10	<50	<5	<10	2.13	<5	128	<5	239	6.16	<50	<5
373228		1.10	<1	0.30	<10	<50	<5	<10	0.77	<5	255	<5	2120	8.51	<50	6
373229		1.36	<1	0.62	10	<50	9	<10	0.97	<5	84	<5	1310	3.48	<50	5
373230		1.58	1	0.67	10	<50	13	<10	1.12	<5	321	5	506	12.85	<50	<5

Comments: Cr >2000 ppm will cause a low bias on V-MS81

ALS Chemex
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Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	0.05	50
355451																
355452																
355453																
355454																
355455																
355455 RD																
355456																
355457																
355458																
355459																
355460																
355461		<0.05	<50	14.45	670	<5	<0.05	1225	90	<10	<0.05	<10	8	<5	<0.05	<50
355462		<0.05	<50	7.11	470	<5	<0.05	3460	200	<10	1.85	<10	5	<5	0.08	<50
355463		<0.05	<50	10.95	940	<5	<0.05	3130	100	<10	1.28	<10	10	<5	0.07	<50
355464		0.06	<50	2.15	640	<5	0.15	63	740	<10	1.10	<10	12	16	0.88	<50
355465		1.22	60	0.62	120	<5	<0.05	22	210	<10	0.70	<10	<5	9	0.12	<50
355466		<0.05	<50	9.59	640	<5	<0.05	1335	60	<10	1.71	<10	7	<5	0.06	<50
373116																
373117																
373118		1.34	70	0.62	1330	<5	0.12	<5	950	10	0.20	<10	6	89	0.35	<50
373118 RD		1.36	70	0.61	1380	<5	0.12	5	1120	<10	0.19	<10	6	89	0.33	<50
373119		0.08	<50	0.68	310	<5	0.05	17	660	<10	1.06	<10	5	29	0.46	<50
373120		0.56	130	1.42	420	<5	0.07	<5	100	10	0.99	<10	<5	5	0.06	<50
373121																
373121 RD		1.24	60	1.04	560	<5	0.06	32	970	<10	<0.05	<10	<5	55	0.56	<50
373122		<0.05	<50	0.15	100	<5	0.05	13	1030	<10	0.40	<10	<5	51	0.37	<50
373123		<0.05	110	2.37	1100	<5	<0.05	36	2770	<10	0.05	<10	<5	160	2.20	<50
373124																
373125																
373126		0.06	90	2.29	1060	<5	<0.05	101	4310	20	1.74	<10	12	366	2.56	<50
373221		0.90	<50	1.66	690	<5	0.06	<5	5180	40	1.68	<10	8	93	0.78	<50
373222		0.12	100	0.25	320	19	0.15	<5	1470	20	1.88	<10	<5	43	0.37	<50
373223		<0.05	<50	1.13	290	<5	<0.05	463	70	<10	2.47	<10	<5	23	0.13	<50
373224		<0.05	<50	4.68	480	<5	0.10	461	80	<10	0.14	<10	6	18	0.08	<50
373225		<0.05	<50	0.16	180	9	<0.05	343	1920	<10	6.49	<10	<5	83	0.27	<50
373226		<0.05	1450	0.31	230	58	<0.05	68	1960	10	3.55	<10	<5	93	0.68	<50
373227		0.12	140	0.21	310	36	<0.05	66	630	<10	3.20	<10	<5	19	0.07	<50
373228		<0.05	<50	0.39	230	<5	<0.05	585	260	10	4.96	<10	<5	14	0.07	<50
373229		<0.05	80	0.45	260	<5	0.06	66	290	<10	1.66	<10	<5	33	<0.05	<50
373230		0.15	<50	0.76	440	<5	0.07	280	200	<10	6.57	<10	<5	9	0.06	<50

Comments: Cr >2000 ppm will cause a low bias on V-MS81

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-ICP41a U ppm 50	ME-ICP41a V ppm 5	ME-ICP41a W ppm 50	ME-ICP41a Zn ppm 10	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.01	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005
355451																
355452																
355453																
355454																
355455																
355455 RD																
355456																
355457																
355458																
355459																
355460																
355461		<50	39	<50	10											
355462		<50	74	<50	40											
355463		<50	80	<50	40											
355464		<50	233	<50	30											
355465		<50	<5	<50	10											
355466		<50	71	<50	40											
373116																
373117																
373118		<50	<5	<50	80											
373118 RD		<50	<5	<50	90											
373119		<50	119	<50	30											
373120		<50	<5	<50	620											
373121																
373121 RD		<50	41	<50	60											
373122		<50	70	<50	20											
373123		<50	213	<50	70											
373124																
373125																
373126		<50	269	<50	120											
373221		<50	192	<50	100											
373222		<50	12	<50	30											
373223		<50	39	<50	30											
373224		<50	43	<50	20											
373225		<50	7	<50	<10											
373226		<50	38	<50	<10											
373227		<50	5	<50	10											
373228		<50	<5	<50	10											
373229		<50	<5	<50	10											
373230		<50	6	<50	20											

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Pb	S	SiO2	TiO2	Zn	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
355451							36.20	3.04	11.50	0.87	35.20	0.03	0.04	0.62	0.20	0.14
355452							36.50	3.05	12.48	0.92	34.63	0.05	0.04	0.56	0.20	0.18
355453							35.80	3.26	12.60	1.10	33.40	0.13	0.03	0.59	0.20	0.15
355454							42.01	4.21	11.26	11.49	23.57	0.16	0.02	0.39	0.28	0.18
355455							39.85	3.77	11.54	6.66	28.82	0.15	0.03	0.44	0.28	0.20
355455 RD							39.75	3.86	11.47	6.78	28.71	0.17	0.03	0.44	0.27	0.20
355456							39.00	3.99	12.73	4.97	29.40	0.13	0.04	0.46	0.23	0.18
355457							37.00	4.09	13.90	1.66	32.00	0.12	0.02	0.49	0.19	0.17
355458							40.86	5.17	13.80	4.98	25.95	0.22	0.10	0.39	0.52	0.18
355459							37.24	4.27	13.65	1.88	31.38	0.17	0.04	0.51	0.25	0.19
355460							39.39	5.68	13.25	4.05	27.76	0.21	0.05	0.44	0.37	0.15
355461																
355462																
355463																
355464																
355465																
355466																
373116							43.78	15.76	13.03	6.48	9.41	1.60	4.10	0.02	1.89	0.19
373117							57.29	16.90	7.59	2.70	0.55	8.05	0.92	<0.01	0.58	0.25
373118																
373118 RD																
373119																
373120																
373121							54.60	17.52	7.43	6.40	3.00	4.50	2.16	<0.01	1.15	0.12
373121 RD																
373122																
373123																
373124							62.67	12.29	3.64	4.62	1.35	3.28	1.84	<0.01	2.31	0.08
373125							56.56	18.13	6.64	3.99	1.70	4.44	2.12	<0.01	1.88	0.08
373126																
373221																
373222																
373223																
373224																
373225																
373226																
373227																
373228																
373229																
373230																

Comments: Cr >2000 ppm will cause a low bias on V-MS81

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-XRF06 P2O5 % 0.01	ME-XRF06 SrO % 0.01	ME-XRF06 BaO % 0.01	ME-XRF06 LOI % 0.01	ME-XRF06 Total % 0.01	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1
355451		0.02	0.02	0.01	11.65	99.54	<1	7.1	2.9	115.5	4920	0.4	14	0.5	0.3	0.5
355452		0.03	0.02	<0.01	11.05	99.70	<1	5.0	2.7	129.0	4620	0.1	14	0.5	0.3	0.3
355453		0.03	0.02	0.01	12.25	99.57	1	2.8	3.4	207	4830	0.1	64	0.7	0.4	0.5
355454		0.01	0.04	0.01	5.70	99.33	<1	10.8	5.7	93.7	3160	0.1	640	1.1	0.7	0.5
355455		0.02	0.02	<0.01	8.11	99.89	<1	4.8	4.4	95.1	3410	0.1	52	1.0	0.5	0.5
355455 RD		0.03	0.03	0.01	8.01	99.76	<1	5.9	4.7	94.1	3450	0.1	55	1.0	0.6	0.6
355456		0.02	0.03	<0.01	8.56	99.74	<1	12.6	4.2	111.5	3830	0.1	104	0.8	0.4	0.4
355457		0.02	0.02	0.01	10.10	99.79	<1	1.4	3.0	129.5	4020	0.1	99	0.5	0.3	0.1
355458		0.05	0.05	0.01	7.36	99.65	<1	13.2	9.9	98.6	3090	0.5	59	1.7	1.0	0.7
355459		0.02	0.02	0.01	10.20	99.82	<1	12.6	4.3	119.0	4270	0.1	40	0.8	0.5	0.5
355460		0.04	0.03	<0.01	8.29	99.70	<1	5.3	6.9	112.5	3820	0.3	16	1.2	0.7	0.2
355461																
355462																
355463																
355464																
355465																
355466																
373116		0.28	0.04	0.04	2.08	98.71	<1	533	32.3	48.1	160	3.0	7	4.4	2.4	2.0
373117		0.14	0.03	0.03	4.14	99.17	<1	191.5	193.5	2.5	20	0.2	13	11.0	6.6	3.2
373118																
373118 RD																
373119																
373120																
373121		0.21	0.05	0.04	1.11	98.29	<1	303	143.0	14.6	80	0.8	12	7.0	4.1	2.3
373121 RD																
373122																
373123																
373124		0.38	0.02	0.04	5.89	98.42	<1	231	26.6	11.4	70	0.5	6	2.5	1.2	0.8
373125		0.37	0.04	0.02	2.31	98.28	<1	122.5	118.0	9.9	30	0.4	<5	6.4	3.8	2.1
373126																
373221																
373222																
373223																
373224																
373225																
373226																
373227																
373228																
373229																
373230																

Comments: Cr >2000 ppm will cause a low bias on V-MS81

ALS Chemex

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ALS Canada Ltd.

212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-MS81 Ga ppm 1	ME-MS81 Gd ppm 0.1	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.1	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.1	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 1	ME-MS81 Nd ppm 0.5	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.1	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.1	ME-MS81 Sn ppm 1
355451		4	0.4	1	0.1	1.3	<0.1	<2	1	1.4	1675	<5	0.3	1.4	0.3	1
355452		4	0.4	<1	0.1	1.4	<0.1	<2	1	1.4	1545	<5	0.3	1.7	0.4	1
355453		4	0.5	<1	0.1	1.0	<0.1	<2	1	1.8	2650	<5	0.4	1.0	0.6	1
355454		5	0.9	<1	0.2	2.7	<0.1	<2	1	3.2	809	<5	0.7	1.0	0.8	1
355455		5	0.9	1	0.2	1.7	<0.1	<2	1	2.8	956	<5	0.6	1.5	0.8	1
355455 RD		5	0.8	1	0.2	2.0	<0.1	<2	1	2.9	964	<5	0.6	1.5	0.8	1
355456		5	0.7	1	0.1	1.6	<0.1	<2	1	2.1	1075	<5	0.4	1.8	0.5	1
355457		5	0.5	<1	0.1	1.7	<0.1	<2	1	1.6	1200	<5	0.3	0.9	0.5	1
355458		7	1.4	1	0.3	4.9	0.1	<2	3	5.3	1015	<5	1.2	3.7	1.2	1
355459		6	0.7	1	0.1	1.9	<0.1	<2	1	2.2	1425	<5	0.5	1.8	0.6	1
355460		8	1.1	1	0.2	3.0	0.1	<2	2	3.7	1295	<5	0.8	1.7	0.9	1
355461																
355462																
355463																
355464																
355465																
355466																
373116		18	4.7	3	0.8	13.0	0.3	<2	17	19.6	138	<5	4.5	166.5	4.6	1
373117		29	13.0	16	2.1	92.8	0.8	<2	124	81.8	8	5	22.9	38.7	14.8	4
373118																
373118 RD																
373119																
373120																
373121		25	9.1	13	1.4	73.0	0.6	3	117	58.7	40	<5	17.2	80.3	10.4	3
373121 RD																
373122																
373123																
373124		12	3.4	3	0.4	11.6	0.1	2	50	14.2	17	5	3.3	74.8	3.1	2
373125		22	9.0	10	1.2	56.2	0.4	<2	102	52.4	18	6	14.1	77.2	9.6	4
373126																
373221																
373222																
373223																
373224																
373225																
373226																
373227																
373228																
373229																
373230																

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.5	ME-MS81 Tb ppm 0.1	ME-MS81 Th ppm 1	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.1	ME-MS81 U ppm 0.5	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.1	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 0.5
355451		7.7	<0.5	<0.1	<1	<0.5	<0.1	<0.5	<5	1	3.2	0.3	60	20.5
355452		1.8	<0.5	<0.1	<1	<0.5	<0.1	<0.5	<5	<1	3.0	0.2	64	15.8
355453		6.4	<0.5	0.1	<1	<0.5	<0.1	<0.5	<5	4	4.3	0.4	63	10.2
355454		3.5	<0.5	0.1	<1	<0.5	<0.1	<0.5	<5	<1	7.0	0.6	40	11.7
355455		2.8	<0.5	0.1	<1	<0.5	<0.1	<0.5	<5	<1	5.9	0.5	65	17.0
355455 RD		2.9	<0.5	0.1	<1	<0.5	<0.1	<0.5	<5	<1	5.8	0.6	72	20.6
355456		5.9	<0.5	0.1	<1	<0.5	<0.1	<0.5	<5	1	4.8	0.4	73	17.0
355457		1.0	<0.5	0.1	<1	<0.5	<0.1	<0.5	<5	<1	3.5	0.3	90	14.5
355458		7.3	<0.5	0.2	1	<0.5	0.1	<0.5	<5	1	9.0	0.9	86	43.4
355459		2.0	<0.5	0.1	<1	<0.5	<0.1	<0.5	<5	1	4.8	0.4	82	21.7
355460		2.6	<0.5	0.2	<1	<0.5	<0.1	<0.5	<5	<1	7.3	0.7	82	24.9
355461														
355462														
355463														
355464														
355465														
355466														
373116		185.5	1.0	0.8	1	<0.5	0.3	<0.5	249	<1	24.2	2.2	132	124.5
373117		114.5	6.8	2.2	16	<0.5	0.9	2.5	<5	7	59.2	6.2	63	627
373118														
373118 RD														
373119														
373120														
373121		155.5	7.4	1.5	14	<0.5	0.6	2.8	73	2	38.9	4.1	77	582
373121 RD														
373122														
373123														
373124		71.8	2.2	0.5	2	<0.5	0.1	0.5	164	3	11.4	0.9	42	126.5
373125		84.7	5.4	1.3	9	<0.5	0.4	1.2	138	8	33.6	3.1	71	428
373126														
373221														
373222														
373223														
373224														
373225														
373226														
373227														
373228														
373229														
373230														

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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5	ME-ICP41a Fe % 0.05	ME-ICP41a Ga ppm 50	ME-ICP41a Hg ppm 5
373230 RD			2	0.64	10	<50	13	<10	1.06	<5	331	5	479	13.00	<50	<5
373231		1.51	1	2.48	<10	<50	5	<10	2.86	<5	120	20	477	5.30	<50	<5
373232		1.29	<1	0.26	10	<50	<5	<10	0.99	<5	76	<5	707	3.15	<50	<5
373233		1.13	<1	0.29	<10	<50	<5	10	0.45	<5	407	<5	434	13.95	<50	5
373234		1.64	<1	0.96	20	<50	<5	<10	1.91	<5	260	5	685	9.53	<50	<5
373235		1.38	<1	0.21	<10	<50	<5	<10	1.12	<5	186	<5	244	7.30	<50	<5
373236		1.03	<1	1.10	<10	<50	<5	10	2.20	<5	114	21	1160	4.74	<50	6
373237		1.26	<1	0.52	10	<50	<5	<10	0.95	<5	239	<5	474	5.01	<50	<5
373238		1.33	<1	1.27	<10	<50	<5	<10	1.07	<5	74	<5	288	7.57	<50	<5
373239		1.38	<1	1.14	<10	<50	<5	<10	2.01	<5	509	<5	686	13.80	<50	<5
373240		1.99	<1	1.06	<10	<50	<5	<10	1.57	<5	216	8	415	6.27	<50	<5
373241		1.44	1	0.58	<10	<50	<5	<10	0.74	<5	148	6	462	6.59	<50	<5
373242		0.98	<1	0.18	370	<50	<5	<10	<0.05	<5	5	5	58	5.41	<50	6
373243		1.15	<1	2.31	<10	<50	<5	<10	0.24	<5	79	893	228	6.24	<50	<5
373244		1.07	<1	2.58	20	50	<5	<10	0.55	<5	30	134	77	5.67	<50	<5
373245		0.94	<1	3.38	10	<50	<5	<10	0.41	<5	74	963	83	6.19	<50	<5
373246		1.29	<1	0.37	100	<50	<5	<10	0.05	<5	17	12	10	22.0	<50	<5
373247		1.21	<1	2.34	10	<50	<5	<10	0.16	<5	95	1795	371	6.28	<50	<5
373248		1.55	1	2.54	20	<50	<5	<10	2.14	<5	99	371	440	12.60	<50	7
373249		1.36	1	2.74	20	<50	<5	<10	0.15	<5	129	2150	375	7.98	<50	<5
373250		2.28	<1	3.33	<10	<50	<5	10	2.60	<5	91	431	226	25.6	<50	<5
373260		1.23	10	0.45	30	100	<5	<10	0.41	<5	17	35	>50000	8.33	<50	<5
373261		1.20	13	0.64	<10	130	<5	<10	0.37	<5	18	54	>50000	9.32	<50	7
373262		1.70	17	0.50	<10	110	<5	<10	0.80	5	6	10	29600	4.90	<50	<5
373263		1.69	15	0.37	<10	160	<5	<10	0.89	8	23	6	29900	4.05	<50	<5
373264		0.87	15	0.39	10	170	<5	<10	0.66	<5	9	15	21000	4.42	<50	5
373265		2.00	<1	2.53	<10	<50	<5	<10	0.20	<5	182	1170	1385	8.37	<50	<5
373266		0.60	3	1.10	<10	130	<5	<10	0.60	<5	55	102	4000	3.29	<50	<5
373267		2.39	1	1.48	10	180	<5	<10	0.78	<5	37	116	906	2.32	<50	<5
373268		2.00	<1	2.63	<10	<50	<5	<10	0.81	<5	201	22	605	18.65	<50	<5
373269		1.21	<1	3.25	<10	230	<5	<10	3.89	<5	58	<5	82	12.40	<50	<5
373270		2.28	<1	0.93	<10	<50	<5	<10	0.63	<5	14	5	150	3.16	<50	5
373875		1.52	<1	2.52	20	270	<5	10	1.84	<5	180	<5	941	14.60	<50	<5
373876		1.84	2	1.60	10	<50	<5	<10	0.71	<5	101	25	431	11.35	<50	8
373877		1.71	<1	2.70	<10	<50	<5	<10	1.79	<5	33	10	90	6.18	<50	<5
373878		1.80	<1	2.77	<10	<50	<5	<10	1.12	<5	55	15	302	9.83	<50	5
373879		1.63	<1	3.24	<10	<50	<5	<10	2.78	<5	37	8	45	10.70	<50	<5
373880		1.88	<1	1.90	<10	<50	<5	<10	0.83	<5	36	48	120	6.68	<50	5
373881		2.17	1	0.38	<10	<50	<5	<10	1.38	<5	<5	11	1690	1.14	<50	<5
373882		1.90	13	0.84	<10	<50	<5	<10	1.47	<5	18	17	1555	2.06	<50	<5

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl
Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm
Sample Description LOR	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	0.05	50
373230 RD	0.15	<50	0.73	420	<5	0.07	288	190	<10	6.75	<10	<5	10	0.06	<50
373231	0.27	480	0.54	350	353	0.05	190	830	<10	2.59	<10	<5	88	0.19	<50
373232	<0.05	170	0.17	200	<5	0.05	100	890	<10	1.58	<10	<5	16	0.18	<50
373233	<0.05	<50	0.09	100	<5	0.06	522	180	<10	8.69	<10	<5	11	0.20	<50
373234	<0.05	<50	0.42	370	<5	<0.05	390	4010	<10	5.40	<10	<5	32	0.52	<50
373235	<0.05	<50	0.53	310	<5	<0.05	183	400	<10	4.08	<10	<5	9	<0.05	<50
373236	<0.05	1570	0.20	200	<5	<0.05	122	1500	10	2.55	<10	<5	76	0.70	<50
373237	<0.05	<50	0.19	150	<5	<0.05	2020	680	20	2.95	<10	<5	49	0.10	<50
373238	<0.05	<50	1.02	720	<5	<0.05	266	980	<10	2.13	<10	<5	<5	0.07	<50
373239	0.05	<50	0.32	290	<5	<0.05	363	3120	<10	8.72	<10	<5	58	0.47	<50
373240	<0.05	970	0.22	230	<5	<0.05	502	920	10	3.85	<10	<5	110	0.11	<50
373241	<0.05	<50	0.81	290	<5	<0.05	332	410	<10	3.36	<10	<5	<5	<0.05	<50
373242	<0.05	<50	0.07	190	31	<0.05	10	<50	80	3.14	<10	<5	<5	<0.05	<50
373243	0.08	<50	3.42	790	<5	<0.05	771	100	<10	2.91	<10	6	<5	0.24	<50
373244	0.20	<50	2.66	800	<5	<0.05	76	290	<10	1.57	<10	<5	6	0.44	<50
373245	0.08	<50	4.43	890	<5	<0.05	577	200	<10	1.44	<10	<5	<5	0.33	<50
373246	0.05	<50	0.13	250	9	<0.05	13	80	20	21.3	<10	<5	5	<0.05	<50
373247	<0.05	<50	7.15	420	<5	<0.05	1145	160	<10	1.00	<10	8	<5	<0.05	<50
373248	<0.05	<50	1.83	1280	<5	<0.05	227	3130	<10	1.56	<10	<5	21	1.33	<50
373249	<0.05	<50	8.47	540	<5	<0.05	1570	110	<10	1.44	<10	9	<5	0.05	<50
373250	<0.05	<50	2.69	1790	<5	<0.05	180	3060	10	0.76	<10	8	32	1.92	<50
373260	0.14	<50	0.43	110	6	<0.05	652	560	<10	6.42	<10	<5	7	0.18	<50
373261	0.18	<50	0.44	130	<5	<0.05	870	370	10	5.86	<10	<5	13	0.19	<50
373262	0.08	<50	0.36	110	<5	0.05	266	1150	10	2.94	10	<5	12	0.35	<50
373263	0.05	<50	0.24	120	<5	0.05	469	1200	10	2.56	<10	<5	12	0.33	<50
373264	0.05	<50	0.24	80	<5	0.07	245	1230	20	2.13	<10	<5	11	0.38	<50
373265	<0.05	<50	7.74	510	<5	<0.05	2570	130	<10	1.75	<10	7	<5	0.05	<50
373266	0.17	<50	0.76	210	<5	<0.05	807	270	<10	1.08	<10	<5	36	0.16	<50
373267	0.23	<50	1.21	360	<5	<0.05	370	220	<10	0.26	<10	<5	28	0.16	<50
373268	<0.05	<50	4.96	750	<5	<0.05	51	2890	<10	7.07	<10	<5	30	0.12	<50
373269	0.24	<50	2.85	1510	<5	<0.05	5	1810	<10	0.42	<10	27	144	1.09	<50
373270	<0.05	<50	0.16	200	<5	0.06	<5	170	<10	0.54	<10	<5	19	0.15	<50
373875	0.76	<50	1.41	890	<5	0.06	<5	3410	<10	3.93	<10	10	33	1.05	<50
373876	0.08	<50	1.07	440	<5	<0.05	78	1120	<10	5.36	<10	5	13	0.40	<50
373877	<0.05	<50	1.41	930	<5	<0.05	19	780	<10	0.43	<10	5	17	0.51	<50
373878	<0.05	<50	1.93	920	<5	<0.05	67	250	<10	1.96	<10	5	9	0.80	<50
373879	<0.05	<50	1.43	1140	<5	<0.05	<5	1020	<10	0.70	<10	14	22	0.63	<50
373880	<0.05	<50	1.64	530	<5	<0.05	44	450	<10	1.86	<10	7	5	0.41	<50
373881	<0.05	50	0.20	200	<5	0.07	<5	220	10	0.15	<10	<5	12	0.14	<50
373882	0.14	<50	0.53	310	<5	0.06	23	440	1750	0.15	<10	<5	8	0.30	<50

Comments: Cr >2000 ppm will cause a low bias on V-MS81

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	U	V	W	Zn	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	MgO	MnO	Ni
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	50	5	50	10	0.01	0.01	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.005
373230 RD		<50	5	<50	20											
373231		<50	10	<50	20											
373232		<50	6	<50	10											
373233		<50	<5	<50	<10											
373234		<50	14	<50	10											
373235		<50	6	<50	10											
373236		<50	28	<50	10											
373237		<50	13	<50	10											
373238		<50	54	<50	40											
373239		<50	5	<50	10											
373240		<50	5	<50	<10											
373241		<50	15	<50	20											
373242		<50	<5	<50	250											
373243		<50	57	<50	260											
373244		<50	101	<50	60											
373245		<50	77	<50	80											
373246		<50	6	<50	10											
373247		<50	88	<50	30											
373248		<50	207	<50	180											
373249		<50	102	<50	30											
373250		<50	313	<50	220											
373260		<50	14	<50	60	8.53	0.02	6.52	0.004	0.02	5.99	10.10	14.4	6.75	0.10	0.108
373261		<50	19	<50	50	10.50	0.01	7.18	0.004	0.02	5.14	11.10	15.8	5.51	0.12	0.125
373262		<50	42	<50	100	13.00	0.01	5.58	0.005	0.01	2.97	6.66	9.5	4.20	0.07	0.047
373263		<50	36	<50	160	12.95	0.01	5.41	0.006	0.01	2.97	5.80	8.3	3.93	0.07	0.066
373264		<50	37	<50	90	12.95	<0.01	4.89	0.004	0.01	2.06	6.07	8.7	3.88	0.07	0.046
373265		<50	92	<50	30											
373266		<50	27	<50	60											
373267		<50	29	<50	40											
373268		<50	112	<50	150											
373269		<50	318	<50	140											
373270		<50	<5	<50	40											
373875		<50	131	<50	110											
373876		<50	96	<50	100											
373877		<50	77	<50	70											
373878		<50	459	<50	60											
373879		<50	151	<50	80											
373880		<50	96	<50	20											
373881		<50	8	<50	10											
373882		<50	28	<50	430											

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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To: **NOVAWEST RESOURCES INC.**
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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01	ME-ICP81 SiO2 % 0.01	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01	ME-XRF06 SiO2 % 0.01	ME-XRF06 Al2O3 % 0.01	ME-XRF06 Fe2O3 % 0.01	ME-XRF06 CaO % 0.01	ME-XRF06 MgO % 0.01	ME-XRF06 Na2O % 0.01	ME-XRF06 K2O % 0.01	ME-XRF06 Cr2O3 % 0.01	ME-XRF06 TiO2 % 0.01	ME-XRF06 MnO % 0.01
373230 RD																
373231																
373232																
373233																
373234																
373235																
373236																
373237																
373238																
373239																
373240																
373241																
373242																
373243																
373244																
373245																
373246																
373247																
373248																
373249																
373250																
373260		<0.01	6.40	44.9	0.50	0.01										
373261		<0.01	5.94	42.0	0.49	0.01										
373262		<0.01	2.89	51.6	1.40	0.01										
373263		<0.01	2.53	52.9	1.40	0.01										
373264		<0.01	2.09	53.1	1.19	0.01										
373265																
373266																
373267																
373268																
373269																
373270																
373875																
373876																
373877																
373878																
373879																
373880																
373881																
373882																

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-XRF06 P2O5 % 0.01	ME-XRF06 SrO % 0.01	ME-XRF06 BaO % 0.01	ME-XRF06 LOI % 0.01	ME-XRF06 Total % 0.01	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1
373230 RD																
373231																
373232																
373233																
373234																
373235																
373236																
373237																
373238																
373239																
373240																
373241																
373242																
373243																
373244																
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373246																
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373248																
373249																
373250																
373260																
373261																
373262																
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373270																
373875																
373876																
373877																
373878																
373879																
373880																
373881																
373882																

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CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-MS81 Ga ppm 1	ME-MS81 Gd ppm 0.1	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.1	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.1	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 1	ME-MS81 Nd ppm 0.5	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.1	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.1	ME-MS81 Sn ppm 1
373230 RD																
373231																
373232																
373233																
373234																
373235																
373236																
373237																
373238																
373239																
373240																
373241																
373242																
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373250																
373260																
373261																
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373875																
373876																
373877																
373878																
373879																
373880																
373881																
373882																

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CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method Analyte Units LOR	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.5	ME-MS81 Tb ppm 0.1	ME-MS81 Th ppm 1	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.1	ME-MS81 U ppm 0.5	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.1	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 0.5
373230 RD														
373231														
373232														
373233														
373234														
373235														
373236														
373237														
373238														
373239														
373240														
373241														
373242														
373243														
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373246														
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373248														
373249														
373250														
373260														
373261														
373262														
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373267														
373268														
373269														
373270														
373875														
373876														
373877														
373878														
373879														
373880														
373881														
373882														

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VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5	ME-ICP41a Fe % 0.05	ME-ICP41a Ga ppm 50	ME-ICP41a Hg ppm 5
373883		1.91	<1	1.77	<10	60	<5	<10	1.19	<5	24	8	105	5.05	<50	<5
373951		1.35	<1	2.93	<10	100	<5	<10	2.94	<5	99	32	367	10.80	<50	<5
373952		1.71	5	1.73	80	<50	<5	<10	0.88	9	182	<5	7130	7.15	<50	<5
373953		1.44	<1	3.46	10	150	<5	<10	4.51	<5	192	86	672	13.70	<50	<5
373954		1.07	<1	3.20	<10	110	<5	<10	4.19	<5	257	69	841	15.10	<50	<5
373955		1.18	<1	3.95	20	110	<5	<10	4.82	<5	147	93	452	12.50	<50	<5
373956		1.58	<1	4.35	<10	120	<5	<10	5.26	<5	233	104	615	15.90	<50	5
373957		1.40	1	1.08	20	<50	<5	<10	2.13	<5	14	<5	2600	3.46	<50	<5
373958		1.55	<1	3.59	<10	100	<5	<10	4.20	<5	176	85	693	13.80	<50	<5
373959		1.22	1	4.17	<10	110	<5	<10	4.03	<5	153	98	512	15.75	<50	8
373960		1.34	2	0.95	<10	<50	<5	<10	1.06	<5	377	15	3420	10.80	<50	<5
373961		1.43	1	2.58	20	110	<5	<10	0.75	<5	103	5	730	8.02	<50	6
373962		1.94	1	1.49	<10	110	<5	<10	1.52	40	142	21	1225	4.57	<50	<5
373963		0.70	<1	1.20	<10	100	<5	<10	0.74	<5	41	36	205	2.71	<50	<5
373964		<0.02	<1	1.04	<10	<50	<5	<10	1.31	<5	17	8	308	2.24	<50	<5
373964 RD			<1	1.03	10	<50	<5	<10	1.29	<5	18	8	315	2.26	<50	<5
373966		1.16	<1	0.84	<10	160	<5	<10	0.43	<5	36	<5	289	6.68	<50	<5
373967		1.43	<1	2.52	<10	110	<5	<10	1.96	<5	38	55	81	6.60	<50	<5
373968		1.17	<1	1.88	<10	80	<5	<10	3.00	<5	35	76	114	4.95	<50	<5
373969		1.63	1	0.93	<10	<50	<5	<10	0.64	8	131	86	738	48.5	<50	<5
373970		1.13	<1	2.72	<10	<50	<5	10	0.30	<5	218	2390	890	9.16	<50	<5
373971		1.12	2	2.81	<10	<50	<5	<10	0.21	<5	139	2450	1015	7.76	<50	8
373972		1.50	2	3.04	<10	<50	<5	10	0.23	<5	148	2050	2620	8.64	<50	<5
373973		1.45	<1	3.28	<10	<50	<5	<10	0.22	<5	181	2690	1120	9.01	<50	6

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finallzed Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5	5	0.05	50
373883		0.06	<50	1.01	790	<5	<0.05	18	900	<10	0.48	<10	<5	42	0.74	<50
373951		0.39	<50	1.32	940	<5	0.39	80	1140	<10	1.17	<10	11	22	0.52	<50
373952		<0.05	<50	1.27	690	<5	<0.05	108	1080	230	2.32	<10	<5	17	0.13	<50
373953		0.40	<50	1.54	1100	<5	0.55	297	3860	10	2.53	<10	16	38	0.63	<50
373954		0.31	<50	1.56	940	<5	0.49	453	4660	<10	3.59	<10	14	31	0.53	<50
373955		0.39	<50	2.45	880	<5	0.69	612	3220	<10	1.84	<10	19	33	0.67	<50
373956		0.35	<50	2.46	1060	<5	0.69	494	4830	<10	3.21	<10	20	35	0.76	<50
373957		<0.05	<50	0.54	290	<5	<0.05	52	2740	30	0.41	<10	<5	54	0.57	<50
373958		0.35	<50	1.91	980	<5	0.54	258	2800	10	2.55	<10	15	30	0.63	<50
373959		0.40	<50	2.09	1120	<5	0.49	217	2500	<10	1.90	<10	15	28	0.66	<50
373960		<0.05	<50	0.89	410	<5	<0.05	490	1860	160	5.86	<10	<5	10	0.15	<50
373961		<0.05	<50	1.97	1020	7	<0.05	258	290	140	0.92	<10	<5	19	0.08	<50
373962		<0.05	<50	0.73	390	<5	<0.05	132	580	1690	2.19	<10	<5	42	0.19	<50
373963		0.21	<50	0.85	250	<5	<0.05	61	430	10	0.51	<10	<5	11	0.26	<50
373964		<0.05	<50	0.46	160	<5	0.06	<5	570	10	0.30	<10	<5	23	0.57	<50
373964 RD		<0.05	<50	0.48	170	<5	0.06	12	530	<10	0.26	<10	<5	23	0.55	<50
373966		0.53	50	0.45	200	<5	0.06	14	280	<10	4.46	<10	5	13	0.29	<50
373967		0.30	<50	1.58	830	<5	<0.05	34	3290	<10	1.72	<10	16	26	1.03	<50
373968		0.16	<50	1.43	640	<5	<0.05	88	190	<10	1.74	<10	5	10	0.31	<50
373969		<0.05	50	0.62	790	34	<0.05	679	350	50	27.3	<10	6	30	0.11	<50
373970		<0.05	<50	6.35	400	<5	<0.05	3450	220	<10	2.93	<10	<5	<5	0.07	<50
373971		<0.05	<50	6.78	390	<5	<0.05	2030	90	<10	1.72	<10	<5	<5	0.06	<50
373972		<0.05	<50	6.79	420	<5	<0.05	1895	160	<10	1.80	<10	<5	5	0.05	<50
373973		<0.05	<50	7.83	460	<5	<0.05	2970	160	<10	2.17	<10	<5	5	0.07	<50

Comments: Cr >2000 ppm will cause a low bias on V-MS81

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	U	V	W	Zn	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	MgO	MnO	Ni
	Units	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	50	5	50	10	0.01	0.01	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.005
373883		<50	108	<50	50											
373951		<50	142	<50	40											
373952		<50	43	<50	3130											
373953		<50	176	<50	100											
373954		<50	164	<50	60											
373955		<50	252	<50	70											
373956		<50	245	<50	80											
373957		<50	69	<50	80											
373958		<50	168	<50	60											
373959		<50	200	<50	70											
373960		<50	30	<50	160											
373961		<50	64	<50	270											
373962		<50	74	<50	11900											
373963		<50	53	<50	120											
373964		<50	106	<50	60											
373964 RD		<50	104	<50	30											
373966		<50	13	<50	150											
373967		<50	130	<50	60											
373968		<50	55	<50	100											
373969		<50	116	<50	2210											
373970		<50	102	<50	50											
373971		<50	104	<50	40											
373972		<50	110	<50	50											
373973		<50	122	<50	40											

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Pb	S	SiO2	TiO2	Zn	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
373883 373951 373952 373953 373954																
373955 373956 373957 373958 373959																
373960 373961 373962 373963 373964																
373964 RD 373966 373967 373968 373969																
373970 373971 373972 373973																

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	P2O5	SrO	BaO	LOI	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu
	Units	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	0.01	0.01	0.01	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1
373883																
373951																
373952																
373953																
373954																
373955																
373956																
373957																
373958																
373959																
373960																
373961																
373962																
373963																
373964																
373964 RD																
373966																
373967																
373968																
373969																
373970																
373971																
373972																
373973																

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ga ppm 1	ME-MS81 Gd ppm 0.1	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.1	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.1	ME-MS81 Mo ppm 2	ME-MS81 Nb ppm 1	ME-MS81 Nd ppm 0.5	ME-MS81 Ni ppm 5	ME-MS81 Pb ppm 5	ME-MS81 Pr ppm 0.1	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.1	ME-MS81 Sn ppm 1
373883 373951 373952 373953 373954																
373955 373956 373957 373958 373959																
373960 373961 373962 373963 373964																
373964 RD 373966 373967 373968 373969																
373970 373971 373972 373973																

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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Finalized Date: 3-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04053303

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Sr	Ta	Tb	Th	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	0.5	0.1	1	0.5	0.1	0.5	5	1	0.5	0.1	5	0.5
373883														
373951														
373952														
373953														
373954														
373955														
373956														
373957														
373958														
373959														
373960														
373961														
373962														
373963														
373964														
373964 RD														
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373967														
373968														
373969														
373970														
373971														
373972														
373973														

Comments: Cr >2000 ppm will cause a low bias on V-MS81

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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 14-SEP-2004
This copy reported on 22-MAR-2005
Account: PET

CERTIFICATE TO04057963

Project: RAGLAN

P.O. No.:

This report is for 38 Rock samples submitted to our lab in Toronto, ON, Canada on 30-AUG-2004.

The following have access to data associated with this certificate:

PAT O BRIEN	BOB STEWART	

SAMPLE PREPARATION

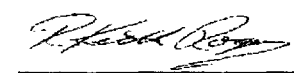
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
ME-ICP81	ICP Fusion - Ore Grade	ICP-AES

To: **NOVAWEST RESOURCES INC.**
ATTN: BOB STEWART
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 14-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04057963

Sample Description	Method	WEI-21	PGM-ICP27	PGM-ICP27	PGM-ICP27	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Recvd Wt.	Au	Pt	Pd	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	MgO	MnO	Ni
	Units	kg	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.03	0.03	0.03	0.01	0.01	0.01	0.002	0.01	0.005	0.05	0.1	0.01	0.01	0.005
373901		0.96	<0.03	0.30	1.24	6.56	0.01	6.82	0.026	0.27	0.170	9.69	13.8	20.7	0.13	0.712
373902		1.56	0.08	0.25	0.60	6.15	<0.01	6.10	0.022	0.25	0.116	8.77	12.6	21.4	0.12	0.558
373903		1.50	0.05	0.25	0.90	6.00	<0.01	6.59	0.022	0.25	0.124	8.81	12.6	20.9	0.12	0.607
373904		1.39	<0.03	0.25	0.71	6.23	<0.01	6.93	0.027	0.27	0.197	8.03	11.5	22.2	0.12	0.638
373905		1.73	0.13	0.20	0.37	6.58	0.01	6.63	0.021	0.28	0.043	7.72	11.0	21.3	0.13	0.399
373906		1.14	<0.03	0.22	0.53	7.12	<0.01	6.82	0.020	0.28	0.100	9.06	13.0	21.4	0.13	0.522
373906RD		<0.02	<0.03	0.22	0.50	6.89	<0.01	6.71	0.021	0.27	0.094	8.90	12.8	21.4	0.12	0.506
373912		1.21	<0.03	0.08	0.04	5.43	<0.01	3.46	0.020	0.28	0.153	10.70	15.3	24.4	0.17	0.442
373913		2.02	0.05	0.04	<0.03	5.94	<0.01	3.50	0.021	0.27	0.278	11.60	16.6	23.2	0.17	0.410
373914		1.64	0.10	0.08	0.05	6.14	<0.01	4.24	0.013	0.26	0.134	10.75	15.4	23.2	0.18	0.301
373915		2.17	<0.03	<0.03	<0.03	2.83	<0.01	4.10	0.052	<0.01	0.216	28.3	40.4	12.05	0.12	0.018
373916		1.18	<0.03	<0.03	<0.03	14.20	0.01	11.70	0.006	0.01	0.014	10.00	14.3	4.10	0.18	0.005
373917		1.30	<0.03	0.03	<0.03	5.19	<0.01	5.24	0.017	0.26	0.271	11.00	15.7	21.9	0.16	0.295
373925		1.19	<0.03	<0.03	<0.03	5.43	<0.01	12.70	0.009	0.01	0.019	13.55	19.4	13.40	0.21	<0.005
373926		1.39	<0.03	<0.03	<0.03	13.15	<0.01	15.65	0.022	<0.01	0.093	13.90	19.9	4.76	0.14	0.013
373927		1.10	<0.03	0.03	0.04	7.94	<0.01	5.63	0.019	0.32	0.049	11.45	16.4	20.2	0.16	0.170
373928		1.32	<0.03	<0.03	<0.03	5.84	0.01	3.88	0.003	0.01	0.032	22.2	31.7	4.69	0.15	0.012
373929		2.24	<0.03	<0.03	<0.03	12.25	0.01	3.33	0.005	0.08	0.027	13.85	19.8	2.79	0.04	0.027
373930		2.38	<0.03	<0.03	<0.03	11.10	0.01	3.49	0.007	0.12	0.039	17.35	24.8	2.91	0.05	0.032
373974		1.58	<0.03	<0.03	<0.03	11.90	0.01	11.65	0.007	0.01	0.066	12.45	17.8	5.14	0.23	0.005
373975		1.32	<0.03	<0.03	<0.03	5.54	<0.01	18.15	0.021	0.10	0.164	11.60	16.6	7.48	0.23	0.068
373976		1.86	0.04	<0.03	0.03	4.15	0.06	8.28	0.070	0.09	0.108	28.9	41.3	4.48	0.12	0.224
373977		1.70	0.04	0.03	<0.03	4.79	0.06	9.46	0.057	0.10	0.497	24.0	34.3	5.16	0.13	0.190
373978		1.48	0.04	0.04	0.12	4.09	0.03	9.01	0.055	0.08	0.207	31.0	44.3	4.92	0.13	0.207
373979		0.95	0.16	<0.03	<0.03	4.76	0.01	13.20	0.005	0.09	0.014	26.0	37.1	6.29	0.17	0.040
373980		1.61	0.15	<0.03	<0.03	5.66	0.02	15.35	0.006	0.10	0.036	18.95	27.1	6.86	0.20	0.028
373981		1.49	<0.03	<0.03	<0.03	5.32	<0.01	15.60	0.007	0.09	0.040	16.40	23.5	8.37	0.25	0.037
373982		1.56	0.13	<0.03	<0.03	5.60	0.01	13.85	0.008	0.10	0.059	18.90	27.0	6.56	0.21	0.041
373987		1.50	<0.03	<0.03	<0.03	1.76	<0.01	12.85	0.022	0.01	0.309	21.6	30.9	2.73	0.26	0.069
373988		1.23	<0.03	0.07	0.06	3.11	<0.01	15.45	0.015	<0.01	0.191	18.70	26.7	2.93	0.28	0.046
373989		1.76	<0.03	<0.03	<0.03	3.87	<0.01	7.16	0.038	0.01	0.496	26.3	37.5	2.50	0.13	0.118
373990		0.98	<0.03	<0.03	<0.03	1.22	<0.01	7.13	0.009	0.01	0.074	15.85	22.7	0.68	0.14	0.038
373991		1.10	<0.03	<0.03	<0.03	7.33	<0.01	15.35	0.008	0.05	0.147	12.20	17.4	6.63	0.17	0.020
373992		1.26	<0.03	<0.03	<0.03	12.30	<0.01	8.68	0.016	0.01	0.039	13.40	19.2	4.51	0.15	0.049
373993		1.58	<0.03	<0.03	<0.03	2.92	0.06	10.65	0.108	<0.01	0.389	22.0	31.4	9.06	0.24	0.142
373998		1.51	0.04	0.28	0.60	5.64	<0.01	4.87	0.025	0.29	0.100	9.00	12.8	24.2	0.15	0.502
373999		0.95	<0.03	0.21	0.65	7.19	0.01	6.73	0.025	0.25	0.051	8.79	12.6	21.8	0.14	0.442
373400		0.92	0.06	0.38	1.27	6.17	<0.01	6.75	0.027	0.30	0.148	9.27	13.2	20.8	0.12	0.710

ALS Chemex

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To: **NOVAWEST RESOURCES INC.**
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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 14-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04057963

Sample Description	Method	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81	ME-ICP81
	Analyte	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01
373901		<0.01	3.38	42.4	0.34	0.01
373902		<0.01	2.30	40.3	0.35	0.01
373903		<0.01	2.73	39.1	0.34	0.01
373904		<0.01	1.90	42.9	0.33	0.01
373905		0.01	1.26	41.1	0.40	0.01
373906		<0.01	2.10	42.5	0.39	0.01
373906RD		<0.01	2.06	41.2	0.40	0.01
373912		<0.01	1.40	38.9	0.31	0.01
373913		<0.01	1.98	39.0	0.36	0.01
373914		<0.01	1.12	40.4	0.40	0.01
373915		<0.01	17.85	25.3	0.82	0.01
373916		<0.01	0.75	49.2	1.52	0.01
373917		<0.01	1.97	40.8	0.38	0.01
373925		<0.01	3.94	41.2	0.12	0.01
373926		<0.01	4.39	35.8	3.18	0.01
373927		<0.01	2.40	39.9	0.49	0.01
373928		<0.01	14.00	38.4	0.26	0.01
373929		<0.01	8.42	47.7	2.06	0.01
373930		<0.01	10.35	43.3	1.97	0.01
373974		<0.01	2.02	42.4	1.60	0.01
373975		<0.01	5.77	39.0	2.86	0.01
373976		<0.01	18.95	19.35	3.03	0.01
373977		<0.01	15.30	21.7	3.19	0.01
373978		<0.01	18.05	20.7	2.91	0.01
373979		<0.01	1.70	29.2	3.00	0.01
373980		<0.01	4.24	31.1	3.56	0.01
373981		<0.01	4.32	34.9	3.12	0.01
373982		<0.01	5.53	28.9	3.27	0.01
373987		<0.01	8.95	40.8	0.43	0.01
373988		<0.01	4.63	46.0	0.51	0.01
373989		<0.01	15.05	34.3	0.77	0.01
373990		<0.01	3.92	64.4	0.13	<0.01
373991		<0.01	1.59	41.2	4.17	0.02
373992		<0.01	5.99	44.3	0.82	0.01
373993		<0.01	10.25	37.9	0.60	0.03
373998		<0.01	1.21	41.4	0.36	0.01
373999		<0.01	1.66	44.3	0.41	0.01
373400		<0.01	3.05	40.8	0.34	0.01

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Finalized Date: 14-SEP-2004
This copy reported on 22-MAR-2005
Account: PET

CERTIFICATE TO04057965

Project: RAGLAN

P.O. No.:

This report is for 49 Rock samples submitted to our lab in Toronto, ON, Canada on 30-AUG-2004.

The following have access to data associated with this certificate:

PAT O BRIEN	BOB STEWART	

SAMPLE PREPARATION

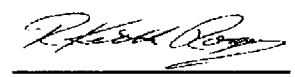
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

To: **NOVAWEST RESOURCES INC.**
ATTN: BOB STEWART
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 14-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04057965

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Recvd Wt.	Au	Pt	Pd	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.001	0.005	0.001	1	0.05	10	50	5	10	0.05	5	5	5	5
373127		1.75	<0.001	<0.005	0.002	<1	2.74	20	<50	<5	10	1.64	<5	32	47	163
373128		1.46	0.008	0.008	0.001	1	1.68	<10	<50	<5	<10	0.42	<5	121	2230	479
373129		1.17	0.002	<0.005	<0.001	<1	1.91	<10	<50	<5	<10	2.23	<5	50	21	192
373130		1.31	0.002	<0.005	0.001	1	2.74	10	80	<5	10	3.52	<5	29	124	83
373133		1.66	<0.001	<0.005	<0.001	<1	2.75	<10	450	<5	10	5.35	<5	38	<5	72
373136		0.89	<0.001	<0.005	<0.001	1	3.83	<10	<50	<5	<10	2.63	<5	31	<5	130
373136RD		<0.02	0.003	<0.005	<0.001	<1	4.32	<10	<50	<5	<10	3.37	<5	39	<5	130
373138		1.11	0.001	<0.005	<0.001	1	2.77	<10	120	<5	<10	2.73	<5	35	97	94
373139		1.33	0.003	0.007	0.007	<1	1.41	<10	50	<5	<10	0.87	<5	69	340	144
373140		0.84	<0.001	<0.005	<0.001	<1	3.55	<10	230	<5	10	3.52	<5	38	137	56
373143		1.65	0.001	0.010	0.015	<1	3.07	<10	<50	<5	<10	1.17	<5	34	6	176
373144		1.33	<0.001	<0.005	<0.001	<1	3.19	<10	<50	<5	<10	2.00	<5	23	16	108
373814		1.32	0.003	0.014	0.009	<1	2.95	10	<50	<5	<10	1.98	<5	27	28	117
373815		1.52	0.001	<0.005	<0.001	<1	1.35	<10	<50	<5	<10	1.15	<5	44	<5	328
373816		1.33	<0.001	<0.005	<0.001	<1	2.99	30	<50	<5	<10	1.20	<5	22	<5	46
373817		1.46	<0.001	0.010	0.004	<1	2.15	<10	<50	<5	<10	1.15	<5	30	105	83
373884		2.30	0.001	<0.005	<0.001	<1	1.31	20	<50	<5	10	1.93	<5	28	108	79
373885		2.24	0.001	<0.005	<0.001	<1	1.10	<10	<50	<5	<10	1.60	<5	29	142	91
373886		1.64	0.001	0.017	0.035	<1	2.42	20	<50	<5	<10	0.21	<5	85	1690	27
373887		1.85	0.001	<0.005	<0.001	1	2.15	<10	<50	<5	<10	1.73	<5	108	76	476
373888		2.10	<0.001	<0.005	0.001	<1	1.64	20	<50	<5	<10	2.00	<5	40	164	144
373889		1.55	0.002	<0.005	0.001	1	0.62	<10	110	5	<10	0.08	<5	6	<5	57
373891		2.03	0.001	0.006	0.005	<1	3.43	<10	<50	<5	<10	0.29	<5	67	996	344
373892		1.94	<0.001	0.005	0.005	<1	3.16	10	<50	<5	<10	0.31	<5	100	1125	581
373893		2.32	0.001	0.006	0.005	<1	2.80	<10	<50	<5	<10	1.01	<5	83	1790	291
373894		1.85	<0.001	0.005	0.005	<1	3.37	20	<50	<5	10	0.27	<5	79	754	54
373895		2.42	0.019	<0.005	0.004	<1	1.66	<10	<50	<5	<10	0.24	<5	95	818	64
373896		1.50	0.007	0.021	0.014	<1	3.28	<10	<50	<5	10	1.80	<5	36	28	55
373897		1.73	0.001	0.005	0.006	<1	1.78	30	<50	<5	<10	0.69	<5	29	121	110
373907		1.54	0.021	<0.005	0.002	<1	4.80	10	<50	<5	<10	2.05	<5	40	225	161
373908		1.12	0.002	<0.005	0.001	<1	1.63	10	<50	<5	<10	7.34	<5	50	273	443
373909		1.21	<0.001	<0.005	<0.001	1	2.40	<10	170	<5	10	2.01	<5	37	145	510
373910		1.39	0.007	0.087	0.060	<1	3.02	<10	<50	<5	10	0.38	<5	98	1580	971
373911		1.18	0.041	0.119	0.080	2	2.60	10	<50	<5	<10	0.34	<5	152	1130	2210
373918		1.25	0.004	<0.005	0.001	<1	2.04	<10	180	<5	<10	0.75	<5	54	15	558
373919		1.56	0.002	<0.005	0.001	<1	1.75	<10	<50	<5	<10	0.96	<5	42	8	235
373920		1.43	<0.001	<0.005	<0.001	2	1.59	<10	<50	<5	10	0.90	<5	59	6	439
373921		1.58	0.002	<0.005	<0.001	<1	1.48	<10	<50	<5	<10	0.88	<5	39	5	202
373922		1.05	0.001	0.008	0.007	<1	1.08	<10	<50	<5	<10	1.05	<5	32	60	436
373923		1.11	<0.001	<0.005	0.001	<1	1.18	<10	240	<5	<10	0.85	<5	41	18	55

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1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 14-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04057965

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.05	50	5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5
373127		6.84	<50	<5	<0.05	<50	1.63	800	<5	0.05	67	690	<10	0.22	10	9
373128		6.44	<50	<5	<0.05	<50	10.75	700	<5	<0.05	1405	<50	<10	0.45	<10	9
373129		3.90	<50	5	<0.05	<50	0.79	330	8	<0.05	54	820	10	0.93	<10	6
373130		5.86	<50	<5	0.32	<50	2.22	920	<5	0.07	65	1520	<10	0.12	<10	8
373133		9.67	<50	<5	0.63	70	2.29	1720	<5	0.14	32	4250	<10	0.22	10	<5
373136		7.49	<50	<5	<0.05	<50	2.25	860	<5	<0.05	8	520	<10	0.07	<10	14
373136RD		7.97	<50	7	<0.05	<50	2.31	930	<5	<0.05	18	380	<10	0.07	<10	17
373138		6.38	<50	<5	0.45	<50	2.06	860	<5	<0.05	59	820	20	0.11	30	<5
373139		6.07	<50	8	<0.05	<50	8.03	850	<5	0.06	640	<50	<10	0.12	<10	6
373140		8.91	<50	6	0.37	<50	3.31	1650	<5	<0.05	85	1640	<10	0.06	20	6
373143		6.78	<50	7	<0.05	<50	1.84	810	<5	<0.05	63	420	<10	0.12	10	<5
373144		4.65	<50	<5	<0.05	<50	1.98	640	<5	<0.05	53	200	<10	0.27	<10	<5
373814		4.83	<50	<5	<0.05	<50	2.15	450	<5	<0.05	53	300	10	0.17	<10	<5
373815		5.43	<50	<5	<0.05	<50	0.82	390	12	<0.05	32	550	<10	2.08	20	<5
373816		8.47	<50	<5	<0.05	<50	2.00	950	<5	<0.05	20	990	<10	1.02	10	<5
373817		3.91	<50	<5	<0.05	<50	1.46	600	<5	<0.05	80	380	10	0.26	<10	5
373884		4.37	<50	<5	<0.05	<50	0.66	380	<5	<0.05	97	1360	<10	0.35	<10	<5
373885		3.09	<50	7	<0.05	<50	0.52	310	<5	<0.05	130	980	20	0.51	<10	<5
373886		8.00	<50	<5	<0.05	<50	11.20	830	<5	<0.05	825	160	<10	0.47	10	13
373887		8.39	<50	7	<0.05	<50	1.05	600	<5	<0.05	93	1400	20	2.02	<10	<5
373888		4.43	<50	<5	<0.05	<50	0.87	510	<5	<0.05	123	1590	<10	0.40	20	<5
373889		3.60	<50	<5	0.51	100	0.10	40	5	<0.05	<5	60	20	1.71	<10	<5
373891		5.87	<50	<5	0.18	<50	7.57	740	<5	<0.05	737	120	<10	0.06	<10	<5
373892		7.69	<50	<5	<0.05	<50	10.25	780	<5	<0.05	934	160	10	0.18	10	8
373893		6.40	<50	<5	<0.05	<50	10.05	710	<5	<0.05	816	<50	<10	0.21	10	8
373894		6.95	<50	<5	0.05	<50	9.84	790	<5	<0.05	811	140	<10	0.05	<10	<5
373895		6.13	<50	<5	<0.05	<50	9.87	530	<5	<0.05	1190	70	<10	0.43	10	<5
373896		6.44	<50	<5	<0.05	<50	2.04	700	<5	<0.05	80	340	<10	0.17	10	<5
373897		4.50	<50	6	0.11	<50	1.96	280	<5	<0.05	114	200	<10	1.62	<10	<5
373907		11.35	<50	<5	<0.05	70	4.89	1130	<5	<0.05	64	2500	10	1.14	10	<5
373908		7.29	<50	<5	<0.05	<50	1.20	740	<5	<0.05	213	2050	20	2.98	10	<5
373909		11.10	<50	<5	0.05	<50	0.77	1130	<5	<0.05	67	2160	<10	1.58	10	<5
373910		8.45	<50	<5	<0.05	<50	10.10	910	<5	<0.05	2150	140	10	0.74	<10	9
373911		9.61	<50	<5	<0.05	<50	11.35	1000	<5	<0.05	3070	190	10	0.97	10	10
373918		9.27	<50	<5	0.11	<50	1.40	540	<5	0.05	34	1440	10	1.77	<10	16
373919		5.78	<50	<5	0.06	<50	0.95	510	<5	0.05	52	540	10	0.74	10	<5
373920		6.28	<50	<5	<0.05	<50	0.85	460	<5	0.06	45	590	10	1.32	<10	<5
373921		4.83	<50	<5	<0.05	<50	0.76	430	<5	0.05	42	640	<10	0.51	<10	<5
373922		3.19	<50	<5	<0.05	<50	0.64	260	<5	<0.05	53	530	<10	0.88	<10	<5
373923		4.14	<50	<5	0.19	<50	0.66	290	<5	0.05	36	440	<10	1.68	<10	<5

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1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 14-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04057965

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Sr	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	5	0.05	50	50	5	50	10
373127		29	0.70	<50	<50	198	<50	80
373128		<5	0.06	<50	<50	70	<50	20
373129		45	0.67	<50	<50	136	<50	20
373130		126	1.12	<50	<50	152	<50	80
373133		184	1.56	<50	<50	174	<50	130
373136		46	1.21	<50	<50	494	<50	60
373136RD		59	1.30	<50	<50	562	<50	60
373138		60	0.76	<50	<50	169	<50	100
373139		21	0.05	<50	<50	31	<50	70
373140		367	1.40	<50	<50	174	<50	110
373143		7	0.37	<50	<50	146	<50	90
373144		9	0.25	<50	<50	90	<50	60
373814		<5	0.36	<50	<50	117	<50	40
373815		11	0.77	<50	<50	140	<50	50
373816		9	0.89	<50	<50	174	<50	140
373817		16	0.46	<50	<50	74	<50	50
373884		30	1.29	<50	<50	93	<50	30
373885		20	0.93	<50	<50	62	<50	30
373886		<5	0.06	<50	<50	103	<50	50
373887		41	1.08	<50	<50	102	<50	60
373888		28	1.40	<50	<50	84	<50	50
373889		9	0.06	<50	<50	<5	<50	90
373891		6	0.11	<50	<50	103	<50	40
373892		<5	0.07	<50	<50	102	<50	50
373893		<5	0.06	<50	<50	100	<50	50
373894		<5	0.07	<50	<50	80	<50	50
373895		<5	<0.05	<50	<50	40	<50	30
373896		5	0.49	<50	<50	168	<50	50
373897		6	0.36	<50	<50	68	<50	80
373907		58	1.45	<50	<50	304	<50	90
373908		130	0.81	<50	<50	56	<50	70
373909		36	1.00	<50	<50	33	<50	80
373910		<5	0.08	<50	<50	98	<50	50
373911		<5	0.10	<50	<50	91	<50	40
373918		9	0.46	<50	<50	20	<50	430
373919		15	0.61	<50	<50	148	<50	30
373920		13	0.56	<50	<50	144	<50	30
373921		20	0.56	<50	<50	104	<50	20
373922		21	0.41	<50	<50	42	<50	20
373923		36	0.36	<50	<50	63	<50	20

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CERTIFICATE OF ANALYSIS TO04057965

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5
373924		1.24	0.001	<0.005	<0.001	<1	2.73	10	<50	<5	<10	1.41	<5	43	5	116
373983		1.36	<0.001	<0.005	<0.001	<1	1.42	10	<50	<5	<10	0.86	<5	27	8	210
373984		1.21	0.007	<0.005	0.006	1	4.36	40	<50	<5	<10	0.91	<5	34	182	80
373985		0.94	<0.001	0.006	0.004	<1	1.92	<10	<50	<5	10	0.61	<5	71	1550	119
373986		1.42	0.007	<0.005	0.001	<1	0.22	<10	<50	<5	<10	1.25	<5	150	117	2430
373994		1.71	0.001	<0.005	<0.001	1	1.48	20	<50	<5	<10	2.19	<5	28	8	771
373995		1.71	<0.001	<0.005	<0.001	<1	1.79	10	<50	<5	<10	2.05	<5	68	7	554
373996		1.36	0.001	<0.005	0.001	<1	2.27	10	300	<5	10	1.90	<5	27	8	292
373997		1.07	0.004	0.066	0.116	<1	1.75	<10	<50	<5	<10	0.22	<5	102	1025	265

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Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.05	50	5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5
373924		7.63	<50	5	<0.05	<50	1.38	780	<5	<0.05	16	620	<10	0.84	10	5
373983		3.54	<50	<5	0.05	<50	1.05	360	<5	0.05	45	360	10	0.62	<10	<5
373984		10.45	<50	7	0.25	<50	2.61	1020	<5	<0.05	245	330	10	0.25	<10	10
373985		5.83	<50	7	<0.05	<50	7.80	720	<5	<0.05	714	70	10	0.39	20	10
373986		9.47	<50	6	<0.05	<50	0.09	100	<5	<0.05	467	180	<10	6.22	10	<5
373994		2.79	<50	9	<0.05	<50	0.62	190	<5	0.05	12	500	<10	0.27	<10	6
373995		4.84	<50	<5	<0.05	<50	0.94	300	<5	0.05	46	440	10	1.46	10	5
373996		5.02	<50	<5	0.44	80	1.80	440	<5	0.06	27	2590	20	0.99	<10	<5
373997		7.70	<50	<5	<0.05	<50	17.65	980	<5	<0.05	1405	110	<10	0.10	<10	10

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 14-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04057965

Sample Description	Method Analyte Units LOR	ME-ICP41a Sr ppm 5	ME-ICP41a Ti % 0.05	ME-ICP41a Tl ppm 50	ME-ICP41a U ppm 50	ME-ICP41a V ppm 5	ME-ICP41a W ppm 50	ME-ICP41a Zn ppm 10
373924		8	0.65	<50	<50	173	<50	60
373983		10	0.30	<50	<50	71	<50	20
373984		44	0.38	<50	<50	145	<50	200
373985		<5	0.11	<50	<50	92	<50	50
373986		6	1.08	<50	<50	34	<50	10
373994		29	1.10	<50	<50	321	<50	30
373995		30	0.90	<50	<50	296	<50	30
373996		55	1.06	<50	<50	53	<50	30
373997		<5	0.10	<50	<50	55	<50	20

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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 17-SEP-2004
This copy reported on 22-MAR-2005
Account: PET

CERTIFICATE TO04061772

Project: RAGLAN

P.O. No.:

This report is for 26 Drill Core samples submitted to our lab in Toronto, ON, Canada on 10-SEP-2004.

The following have access to data associated with this certificate:

PAT O BRIEN	BOB STEWART	

SAMPLE PREPARATION

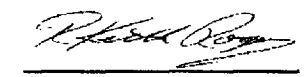
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
ME-MS81	38 element fusion ICP-MS	ICP-MS

To: **NOVAWEST RESOURCES INC.**
ATTN: BOB STEWART
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

ALS Chemex

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VANCOUVER BC V6C 2G8

Finalized Date: 17-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04061772

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-XRF06 SiO2 % 0.01	ME-XRF06 Al2O3 % 0.01	ME-XRF06 Fe2O3 % 0.01	ME-XRF06 CaO % 0.01	ME-XRF06 MgO % 0.01	ME-XRF06 Na2O % 0.01	ME-XRF06 K2O % 0.01	ME-XRF06 Cr2O3 % 0.01	ME-XRF06 TiO2 % 0.01	ME-XRF06 MnO % 0.01	ME-XRF06 P2O5 % 0.01	ME-XRF06 SrO % 0.01	ME-XRF06 BaO % 0.01	ME-XRF06 LOI % 0.01
80229		0.39	48.82	15.87	13.72	4.40	5.12	5.20	1.23	<0.01	2.20	0.20	0.40	0.03	0.03	1.67
80230		0.27	48.64	15.62	13.17	5.12	5.79	4.69	1.42	<0.01	2.28	0.22	0.42	0.03	0.05	1.55
80901		0.25	40.53	6.27	12.63	4.25	25.98	0.14	0.05	0.44	0.39	0.15	0.04	0.01	0.01	8.39
80901RD			40.18	6.31	12.97	4.29	26.30	0.16	0.03	0.46	0.37	0.15	0.04	<0.01	<0.01	8.34
80902		0.18	41.80	9.34	13.02	8.62	20.11	0.18	0.18	0.27	0.64	0.25	0.06	<0.01	0.01	5.34
373780		0.29	35.20	3.47	13.89	2.16	32.85	0.25	0.16	0.61	0.20	0.25	0.02	<0.01	<0.01	10.55
373781		0.37	45.90	15.47	12.95	7.73	8.90	3.05	0.82	0.03	1.96	0.16	0.26	0.03	0.03	2.68
373782		0.19	41.91	18.88	10.87	12.82	4.17	2.46	0.24	0.02	3.39	0.10	0.53	0.01	0.01	2.87
373783		0.28	43.66	14.14	10.03	8.90	7.48	3.09	0.08	0.03	0.59	0.14	0.05	0.04	<0.01	10.30
373784		0.26	48.66	14.06	13.75	9.58	6.68	1.54	0.04	<0.01	1.09	0.17	0.10	0.01	<0.01	3.16
373785		0.23	43.58	9.43	12.73	9.50	17.07	0.12	0.22	0.26	0.60	0.18	0.05	0.01	0.01	4.59
373786		0.24	48.55	12.53	12.22	8.22	11.03	2.43	0.17	0.11	0.76	0.17	0.07	0.01	<0.01	3.00
373787		0.19	47.53	14.12	12.51	10.08	7.81	2.73	0.05	0.02	0.87	0.17	0.07	0.01	<0.01	2.33
373788		0.34	37.40	4.06	12.29	3.87	31.50	0.11	0.06	0.61	0.24	0.17	0.03	<0.01	<0.01	9.21
373789		0.32	49.24	13.08	12.51	8.37	9.10	2.32	1.03	0.05	0.83	0.17	0.08	0.03	0.04	2.51
373790		0.26	47.04	13.89	14.32	10.07	6.63	2.75	0.06	0.01	1.06	0.18	0.10	0.01	0.01	2.32
373791		0.26	38.39	4.96	12.70	3.86	29.46	0.20	0.04	0.41	0.29	0.17	0.02	0.01	0.01	9.21
373792		0.13	49.15	15.18	11.80	4.87	6.41	2.08	2.34	0.01	1.13	0.16	0.11	0.02	0.11	5.18
373793		0.28	45.95	8.35	11.15	10.75	16.81	0.46	0.07	0.36	0.55	0.22	0.06	0.02	<0.01	4.35
373794		0.26	47.85	14.28	10.49	11.35	8.95	2.43	0.35	0.04	0.71	0.15	0.07	0.03	<0.01	2.50
373795		0.33	38.51	4.23	12.36	2.88	30.05	0.15	0.03	0.58	0.25	0.18	0.02	<0.01	<0.01	10.50
373796		0.23	49.25	14.22	10.12	8.99	8.48	3.33	0.63	0.07	0.61	0.16	0.06	0.02	0.01	2.67
373797		0.37	48.31	11.81	11.27	9.94	11.45	2.12	0.05	0.13	0.68	0.16	0.06	0.01	<0.01	2.69
373798		0.20	38.08	5.21	12.40	3.72	29.31	0.21	0.08	0.50	0.31	0.17	0.02	0.01	<0.01	9.67
373799		0.37	50.10	14.11	10.61	9.77	7.54	2.68	0.14	0.03	0.80	0.14	0.08	0.03	0.01	2.49
373800		0.29	47.25	14.25	13.45	9.79	7.29	2.07	0.06	<0.01	1.15	0.19	0.10	0.03	0.01	3.10

Comments: Cr >2000 ppm may cause low bias on V-MS81

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
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212 Brooksbank Avenue
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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 17-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04061772

Sample Description	Method / Analyte / Units / LOR	ME-XRF06 Total % 0.01	ME-MS81 Ag ppm 1	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Co ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.1	ME-MS81 Cu ppm 5	ME-MS81 Dy ppm 0.1	ME-MS81 Er ppm 0.1	ME-MS81 Eu ppm 0.1	ME-MS81 Ga ppm 1	ME-MS81 Gd ppm 0.1	ME-MS81 Hf ppm 1	ME-MS81 Ho ppm 0.1
80229		98.91	<1	376	74.9	40.0	60	1.1	7	6.5	3.7	2.0	21	6.8	6	1.1
80230		99.00	<1	408	85.3	39.9	60	1.2	5	6.9	4.1	2.1	21	7.8	6	1.2
80901		99.28	<1	3.7	6.2	109.0	3970	1.0	36	1.4	0.9	0.2	8	1.1	1	0.3
80901RD		99.59	<1	3.3	6.0	114.0	3910	1.0	37	1.4	0.9	0.2	7	1.0	1	0.3
80902		99.80	<1	38.6	8.6	84.8	2380	0.5	124	2.5	1.6	1.1	11	2.1	1	0.5
373780		99.61	<1	14.6	3.3	118.0	5530	0.3	17	0.7	0.5	0.2	4	0.6	<1	0.1
373781		99.97	<1	188.0	22.1	50.1	290	0.4	45	3.2	1.8	1.2	16	3.5	2	0.6
373782		98.29	<1	48.4	73.0	84.8	140	<0.1	117	10.1	5.5	3.0	34	11.0	6	1.8
373783		98.51	<1	46.4	10.8	38.8	270	0.1	74	2.3	1.4	0.7	14	1.8	1	0.4
373784		98.85	<1	8.8	17.0	50.5	20	<0.1	71	4.0	2.6	1.0	18	3.0	2	0.7
373785		98.35	<1	43.1	5.7	83.9	2260	0.3	70	2.3	1.4	0.4	11	1.6	1	0.4
373786		99.29	<1	35.5	10.4	62.3	1040	0.1	92	2.9	1.8	0.5	13	2.2	2	0.5
373787		98.32	<1	16.4	10.6	54.0	220	<0.1	108	3.2	2.0	0.7	15	2.3	2	0.6
373788		99.55	<1	3.4	3.0	122.0	5400	1.3	26	1.0	0.6	0.2	5	0.7	<1	0.2
373789		99.36	<1	378	17.2	50.0	450	0.4	65	3.1	1.9	0.8	14	2.6	2	0.6
373790		98.45	<1	15.7	10.4	56.3	20	<0.1	120	3.8	2.5	0.8	17	2.6	2	0.7
373791		99.73	<1	2.9	3.6	118.5	3660	1.2	30	1.2	0.7	0.3	6	0.9	1	0.2
373792		98.56	<1	1160	32.7	38.9	150	0.7	35	4.3	2.7	1.3	19	4.0	3	0.8
373793		99.10	<1	5.2	5.6	70.0	2510	0.1	54	2.2	1.5	0.6	10	1.8	1	0.4
373794		99.21	<1	52.5	6.6	49.1	330	0.2	43	2.7	1.8	0.7	14	2.1	1	0.5
373795		99.74	<1	2.1	2.9	109.5	4840	1.1	38	0.9	0.6	0.2	5	0.7	<1	0.2
373796		98.62	<1	175.0	10.8	44.3	630	0.2	110	2.4	1.5	0.6	14	2.0	1	0.5
373797		98.69	<1	9.8	6.8	60.6	1120	0.1	81	2.6	1.6	0.5	12	2.0	1	0.5
373798		99.70	<1	4.4	3.5	113.0	4210	2.0	11	1.1	0.7	0.2	6	0.8	1	0.2
373799		98.53	<1	29.6	11.2	41.0	280	0.1	71	3.2	2.1	0.7	15	2.4	2	0.6
373800		98.75	<1	14.4	15.0	52.2	30	0.1	121	4.1	2.6	1.0	15	2.9	2	0.7

Comments: Cr >2000 ppm may cause low bias on V-MS81

ALS Chemex
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To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 17-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04061772

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1	0.1	0.5	0.1	1
80229		33.6	0.4	2	41	36.1	39	22	8.7	27.6	7.6	2	175.5	2.5	1.0	5
80230		38.0	0.5	2	43	40.6	37	21	9.9	29.4	8.6	3	184.0	2.7	1.1	6
80901		2.3	0.1	<2	2	3.4	1155	<5	0.7	1.1	1.1	<1	7.4	<0.5	0.2	<1
80901RD		2.2	0.1	<2	2	3.5	1145	<5	0.7	1.1	1.0	<1	7.5	<0.5	0.2	<1
80902		3.8	0.2	2	4	5.7	638	<5	1.1	3.9	1.6	<1	6.1	<0.5	0.4	<1
373780		1.3	0.1	<2	1	1.7	1475	<5	0.4	4.1	0.5	<1	8.3	<0.5	0.1	<1
373781		8.5	0.2	<2	9	14.8	136	44	3.0	20.0	3.6	<1	183.5	0.6	0.5	<1
373782		29.1	0.6	2	32	48.4	78	<5	10.4	4.0	10.5	<1	67.0	1.9	1.7	2
373783		4.6	0.2	2	2	6.0	88	<5	1.3	1.8	1.7	<1	213	<0.5	0.3	1
373784		7.0	0.3	<2	4	10.2	56	<5	2.2	0.5	2.9	<1	42.9	<0.5	0.5	1
373785		2.1	0.2	<2	2	4.4	655	<5	0.8	4.9	1.5	<1	23.2	<0.5	0.3	<1
373786		4.4	0.2	2	3	6.5	290	5	1.4	3.5	1.9	<1	49.2	<0.5	0.4	1
373787		3.9	0.2	<2	4	6.5	110	<5	1.4	0.6	2.2	<1	100.0	<0.5	0.4	<1
373788		1.1	0.1	2	1	1.8	1460	<5	0.4	3.0	0.6	<1	8.7	<0.5	0.1	<1
373789		7.8	0.2	2	6	9.2	144	<5	2.1	19.3	2.4	<1	170.5	<0.5	0.4	1
373790		3.6	0.3	<2	4	7.6	69	<5	1.4	0.6	2.6	<1	69.9	<0.5	0.5	<1
373791		1.5	0.1	<2	1	2.4	1130	<5	0.5	1.9	0.8	<1	14.0	<0.5	0.2	<1
373792		15.6	0.3	<2	11	16.8	57	<5	4.0	45.7	3.6	<1	156.0	0.7	0.6	4
373793		1.8	0.2	<2	2	4.0	315	<5	0.8	1.6	1.3	<1	50.5	<0.5	0.3	<1
373794		2.3	0.2	<2	2	4.9	94	<5	0.9	9.5	1.6	<1	166.0	<0.5	0.4	<1
373795		0.9	0.1	<2	1	1.8	1215	30	0.3	2.1	0.6	<1	10.5	<0.5	0.1	<1
373796		4.5	0.2	<2	2	6.3	122	<5	1.4	9.5	1.7	<1	143.0	<0.5	0.3	1
373797		2.3	0.2	<2	2	5.0	307	13	1.0	0.6	1.5	<1	79.6	<0.5	0.4	<1
373798		1.0	0.1	<2	1	2.2	1280	<5	0.4	2.0	0.7	<1	15.8	<0.5	0.1	<1
373799		4.9	0.2	<2	3	7.0	96	6	1.5	2.6	2.0	<1	142.5	<0.5	0.4	1
373800		5.4	0.3	<2	6	9.4	81	20	2.0	0.5	2.9	<1	140.0	<0.5	0.5	1

Comments: Cr >2000 ppm may cause low bias on V-MS81

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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 17-SEP-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04061772

Sample Description	Method Analyte Units LOR	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.1	ME-MS81 U ppm 0.5	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.1	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 0.5
80229		<0.5	0.4	1.2	220	2	33.0	3.3	146	194.0
80230		<0.5	0.5	1.4	235	1	37.3	3.6	142	202
80901		<0.5	0.1	<0.5	81	1	8.2	0.9	84	26.0
80901RD		<0.5	0.1	<0.5	63	1	8.0	0.8	81	24.1
80902		<0.5	0.2	<0.5	240	2	12.7	1.4	123	42.6
373780		<0.5	<0.1	<0.5	184	<1	4.0	0.4	46	14.4
373781		<0.5	0.2	<0.5	255	<1	14.8	1.5	59	65.6
373782		<0.5	0.7	1.1	420	2	47.8	4.5	57	209
373783		<0.5	0.2	<0.5	214	1	12.4	1.3	97	41.2
373784		<0.5	0.3	<0.5	359	1	23.2	2.4	76	77.4
373785		<0.5	0.2	<0.5	202	1	13.0	1.3	86	37.4
373786		<0.5	0.2	<0.5	260	2	16.0	1.7	90	51.1
373787		<0.5	0.2	<0.5	300	<1	18.8	1.8	84	54.4
373788		<0.5	0.1	<0.5	90	1	5.2	0.6	72	15.0
373789		<0.5	0.2	<0.5	245	3	17.2	1.8	88	63.8
373790		<0.5	0.3	<0.5	353	<1	21.8	2.2	80	65.4
373791		<0.5	0.1	<0.5	95	<1	6.4	0.7	90	18.8
373792		<0.5	0.3	0.8	289	4	22.8	2.4	116	108.5
373793		<0.5	0.2	<0.5	239	1	11.6	1.2	69	55.9
373794		<0.5	0.2	<0.5	247	2	14.3	1.6	57	40.3
373795		<0.5	0.1	<0.5	96	3	5.2	0.5	66	14.0
373796		<0.5	0.2	<0.5	219	2	13.8	1.5	76	42.3
373797		<0.5	0.2	<0.5	244	2	13.4	1.5	76	40.2
373798		<0.5	0.1	<0.5	62	2	6.2	0.6	77	18.4
373799		<0.5	0.2	<0.5	264	<1	17.0	1.9	88	52.6
373800		<0.5	0.3	<0.5	346	2	22.3	2.4	103	76.8

Comments: Cr >2000 ppm may cause low bias on V-MS81

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 18-OCT-2004
This copy reported on 22-MAR-2005
Account: PET

CERTIFICATE TO04065221

Project: RAGLAN

P.O. No.:

This report is for 17 Drill Core samples submitted to our lab in Toronto, ON, Canada on 24-SEP-2004.

The following have access to data associated with this certificate:

PAT O BRIEN	BOB STEWART	

SAMPLE PREPARATION

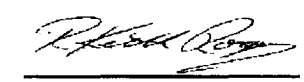
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
ME-MS81	38 element fusion ICP-MS	ICP-MS

To: **NOVAWEST RESOURCES INC.**
ATTN: BOB STEWART
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 18-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065221

Sample Description	Method	WEI-21	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Recvd Wt.	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
80235		0.34	46.71	12.25	14.62	12.92	5.18	1.98	0.38	0.02	3.63	0.21	0.40	0.02	0.02	1.39
80236		0.17	39.75	12.52	15.98	10.46	5.39	1.99	0.56	0.05	3.48	0.20	0.31	0.03	0.02	7.69
80237		0.23	37.51	4.65	14.29	3.81	29.28	0.20	0.03	0.41	0.30	0.21	0.03	<0.01	<0.01	8.95
80238		0.23	42.57	7.83	11.76	7.25	23.13	0.32	0.04	0.34	0.47	0.15	0.05	<0.01	<0.01	5.75
80239		0.24	43.34	10.62	17.49	9.75	11.97	0.92	0.12	0.09	0.46	0.17	0.05	0.02	0.01	3.89
80240		0.20	42.95	10.94	14.05	10.73	15.21	0.39	0.04	0.14	0.30	0.18	0.02	0.02	<0.01	3.99
80241		0.23	38.10	4.71	13.43	4.33	29.59	0.12	0.03	0.44	0.30	0.21	0.01	<0.01	0.01	8.63
80242		0.35	42.83	7.31	11.97	7.20	22.79	0.35	0.05	0.33	0.46	0.15	0.04	0.02	<0.01	5.56
80243		0.37	45.83	11.47	12.98	11.47	12.68	0.84	0.05	0.10	0.41	0.20	0.03	0.02	<0.01	2.92
80244		0.28	43.85	10.26	12.18	10.12	17.34	0.28	0.09	0.18	0.31	0.19	0.03	0.02	0.01	4.17
80903		0.31	46.10	5.23	10.08	12.15	20.93	0.30	0.05	0.33	0.34	0.17	0.02	<0.01	<0.01	3.73
80904		0.21	37.10	3.06	11.17	0.66	35.85	0.14	0.02	0.61	0.18	0.18	0.02	<0.01	<0.01	10.80
80905		0.37	45.59	5.08	10.20	12.41	20.78	0.28	0.05	0.36	0.37	0.17	0.02	0.01	0.01	3.69
80906		0.24	37.47	3.40	11.88	2.41	33.59	0.18	0.06	0.54	0.27	0.18	0.03	0.03	0.01	9.78
80907		0.19	38.50	5.60	14.09	4.13	28.00	0.30	0.09	0.42	0.32	0.18	0.04	0.01	<0.01	8.24
80908		0.32	38.00	5.21	12.41	3.55	29.98	0.19	0.05	0.51	0.32	0.18	0.03	0.01	<0.01	9.29
80908RD			37.50	5.26	12.57	3.59	30.32	0.17	0.06	0.51	0.32	0.18	0.03	0.01	0.01	9.38

Comments: Cr >2000 ppm may cause low bias on V-MS81.

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 18-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065221

Sample Description	Method	ME-XRF06	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Total	Ag	Ba	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Ga	Gd	Hf	Ho
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	1	0.5	0.5	0.5	10	0.1	5	0.1	0.1	0.1	1	0.1	1	0.1
80235		99.74	<1	102.0	47.8	37.1	150	0.2	48	6.1	3.0	2.2	24	7.6	7	1.1
80236		98.44	<1	220	50.2	64.5	440	0.6	54	6.2	2.9	2.3	29	7.9	7	1.1
80237		99.65	<1	3.2	3.4	114.5	2940	1.0	41	1.0	0.7	0.2	7	0.8	1	0.2
80238		99.65	<1	2.8	3.7	92.6	2340	0.2	6	1.4	1.0	0.3	10	1.1	1	0.3
80239		98.90	<1	21.3	3.6	204	780	0.1	1945	1.7	1.0	0.4	11	1.2	1	0.3
80240		98.97	<1	3.5	2.0	88.9	980	0.1	356	1.2	0.8	0.2	10	0.8	<1	0.2
80241		99.90	<1	1.9	3.0	110.5	3030	0.9	57	1.1	0.6	0.2	7	0.9	1	0.2
80242		99.06	<1	3.0	4.1	95.3	2390	0.5	126	1.6	1.0	0.4	10	1.2	1	0.3
80243		98.99	<1	3.4	3.0	75.0	740	0.1	222	1.6	1.0	0.4	12	1.1	1	0.3
80244		99.03	<1	13.4	2.5	93.6	1300	0.1	109	1.2	0.8	0.4	11	0.9	<1	0.3
80903		99.43	<1	3.2	5.4	79.0	2340	<0.1	162	1.3	0.9	0.3	7	1.1	1	0.3
80904		99.80	<1	1.4	3.6	117.0	3990	0.1	9	0.7	0.4	0.1	5	0.6	<1	0.1
80905		99.00	<1	2.9	6.3	74.3	2530	<0.1	178	1.6	1.0	0.3	7	1.2	1	0.3
80906		99.81	<1	7.7	4.6	130.0	4040	0.2	47	0.9	0.5	0.2	6	0.7	1	0.1
80907		99.93	<1	5.4	6.6	109.0	3100	0.8	62	1.3	0.8	0.4	8	1.0	1	0.2
80908		99.72	<1	4.0	6.4	105.0	3680	0.8	59	1.1	0.7	0.3	7	1.0	1	0.2
80908RD		99.90	<1	3.7	6.3	104.0	3610	0.8	61	1.1	0.7	0.3	7	1.0	1	0.2

Comments: Cr >2000 ppm may cause low bias on V-MS81.

ALS Chemex
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ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 18-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065221

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	La	Lu	Mo	Nb	Nd	Ni	Pb	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.5	0.1	2	1	0.5	5	5	0.1	0.2	0.1	1	0.1	0.5	0.1	1
80235		16.7	0.3	<2	23	33.6	88	20	6.8	6.7	7.6	2	106.0	1.5	1.2	2
80236		19.7	0.3	3	23	36.3	249	76	7.2	11.1	7.9	3	193.5	1.6	1.2	1
80237		<0.5	0.1	<2	1	2.4	1260	18	0.4	1.0	0.8	<1	8.2	<0.5	0.1	<1
80238		<0.5	0.1	<2	2	3.0	947	28	0.5	0.3	0.8	<1	10.5	<0.5	0.2	<1
80239		<0.5	0.1	<2	1	2.8	1240	35	0.4	3.4	1.0	<1	103.0	<0.5	0.2	<1
80240		<0.5	0.1	<2	<1	1.7	520	104	0.3	0.4	0.6	<1	102.0	<0.5	0.1	<1
80241		0.5	0.1	<2	1	2.3	1250	22	0.4	1.3	0.6	<1	6.9	<0.5	0.1	<1
80242		0.8	0.1	<2	2	3.2	936	10	0.5	0.6	1.0	<1	11.5	<0.5	0.2	<1
80243		<0.5	0.1	<2	1	2.5	338	10	0.4	0.4	0.8	<1	132.5	<0.5	0.2	<1
80244		<0.5	0.1	<2	1	2.0	570	14	0.3	2.3	0.7	<1	161.5	<0.5	0.2	<1
80903		1.1	0.1	<2	2	3.5	675	9	0.7	0.5	1.0	<1	6.7	<0.5	0.2	<1
80904		1.4	<0.1	<2	1	1.8	1635	12	0.4	1.1	0.4	<1	1.2	<0.5	0.1	<1
80905		2.1	0.1	<2	2	4.0	687	14	0.8	0.7	1.0	<1	6.3	<0.5	0.2	<1
80906		1.2	<0.1	<2	2	2.5	1405	5	0.5	3.9	0.6	<1	1.8	<0.5	0.1	<1
80907		2.7	0.1	<2	2	3.8	1055	7	0.8	5.2	0.8	<1	17.2	<0.5	0.2	<1
80908		2.6	0.1	<2	2	3.6	1460	27	0.7	2.9	0.8	<1	18.8	<0.5	0.2	<1
80908RD		2.3	0.1	<2	2	3.3	1495	23	0.7	2.8	0.8	<1	18.4	<0.5	0.2	<1

Comments: Cr >2000 ppm may cause low bias on V-MS81.

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 18-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065221

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Tl ppm 0.5	ME-MS81 Tm ppm 0.1	ME-MS81 U ppm 0.5	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.1	ME-MS81 Zn ppm 5	ME-MS81 Zr ppm 0.5
80235		<0.5	0.4	0.5	324	<1	30.3	2.1	166	223
80236		<0.5	0.4	0.7	369	<1	30.4	2.1	182	241
80237		<0.5	0.1	<0.5	<5	<1	6.6	0.6	91	38.3
80238		<0.5	0.1	<0.5	65	<1	8.8	0.9	57	49.4
80239		<0.5	0.1	<0.5	233	<1	10.4	1.0	69	39.3
80240		<0.5	0.1	<0.5	138	<1	6.9	0.7	88	15.3
80241		<0.5	0.1	<0.5	<5	<1	6.5	0.6	91	23.6
80242		<0.5	0.1	<0.5	93	1	9.7	0.9	60	28.5
80243		<0.5	0.1	<0.5	221	<1	9.3	0.9	83	18.4
80244		<0.5	0.1	<0.5	155	<1	7.5	0.7	94	12.3
80903		<0.5	0.1	<0.5	94	<1	8.3	0.8	57	21.3
80904		<0.5	<0.1	<0.5	<5	<1	4.0	0.4	80	12.7
80905		<0.5	0.1	<0.5	72	<1	9.5	0.9	57	24.4
80906		<0.5	<0.1	<0.5	<5	<1	5.2	0.5	73	17.8
80907		<0.5	0.1	<0.5	13	1	7.5	0.7	88	20.6
80908		<0.5	0.1	<0.5	<5	<1	7.2	0.7	82	26.5
80908RD		<0.5	0.1	<0.5	<5	<1	7.3	0.6	79	24.2

Comments: Cr >2000 ppm may cause low bias on V-MS81.

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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 6-OCT-2004
This copy reported on 22-MAR-2005
Account: PET

CERTIFICATE TO04065223

Project: RAGLAN

P.O. No.:

This report is for 63 Other samples submitted to our lab in Toronto, ON, Canada on 24-SEP-2004.

The following have access to data associated with this certificate:

PAT O BRIEN	BOB STEWART	

SAMPLE PREPARATION

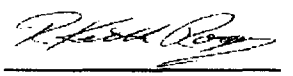
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41a	High Grade Aqua Regia ICP-AES	ICP-AES
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

To: **NOVAWEST RESOURCES INC.**
ATTN: BOB STEWART
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 6-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065223

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5
80451		0.65	<0.001	<0.005	0.001	<1	3.65	10	230	<5	<10	3.82	<5	48	76	1065
80451RD			<0.001	<0.005	<0.001	<1	3.38	<10	250	<5	10	3.50	<5	41	72	1435
80452		1.41	<0.001	<0.005	0.001	<1	4.49	<10	<50	<5	<10	8.07	<5	81	286	303
80453		1.38	0.001	<0.005	<0.001	<1	3.12	<10	<50	<5	<10	2.50	<5	47	77	239
80454		1.50	0.003	<0.005	0.001	1	1.84	<10	70	<5	10	3.05	<5	104	57	863
80455		1.48	0.007	<0.005	0.003	3	1.48	10	120	<5	<10	2.00	<5	179	78	666
80830		1.47	0.001	0.005	0.012	1	1.42	<10	<50	<5	<10	0.12	<5	93	1005	18
80831		1.07	<0.001	0.010	0.020	<1	1.46	10	<50	<5	10	0.12	<5	104	917	14
80832		1.33	<0.001	0.008	0.016	<1	1.59	<10	<50	<5	<10	0.15	<5	94	1035	8
80833		1.31	<0.001	0.006	0.019	1	2.25	30	<50	<5	<10	0.22	<5	87	1175	61
80834		1.30	<0.001	<0.005	0.003	<1	2.43	<10	<50	<5	10	0.26	<5	85	1425	26
80835		1.30	<0.001	0.007	0.011	<1	2.58	10	<50	<5	<10	0.34	<5	82	1745	68
80836		1.35	0.001	0.021	0.016	<1	1.66	<10	<50	<5	<10	0.17	<5	98	732	213
80837		1.42	0.005	0.013	0.010	<1	1.58	10	<50	<5	<10	0.14	<5	103	783	202
80838		1.62	0.002	0.006	0.003	1	2.02	<10	<50	<5	<10	0.37	<5	57	848	168
80839		1.23	0.006	0.050	0.069	<1	2.30	<10	<50	<5	<10	0.87	<5	114	1330	695
80840		1.19	<0.001	0.014	0.011	<1	1.50	<10	<50	<5	<10	0.13	<5	86	930	16
80841		0.96	<0.001	0.012	0.007	<1	1.68	10	<50	<5	10	0.21	<5	84	993	58
80842		1.12	<0.001	0.009	0.019	<1	1.65	20	<50	<5	<10	0.22	<5	97	1010	20
80843		1.20	<0.001	0.013	0.024	<1	1.77	<10	<50	<5	10	1.02	<5	124	1095	19
80844		1.26	0.005	<0.005	0.004	<1	1.84	30	<50	<5	<10	1.30	<5	49	660	397
80845		1.41	0.003	<0.005	0.001	1	0.87	<10	140	<5	<10	2.06	<5	14	34	152
80846		1.19	0.005	0.006	0.003	1	1.28	90	<50	<5	<10	4.04	<5	11	37	170
80847		1.14	0.013	<0.005	0.005	2	1.00	140	<50	<5	<10	1.36	<5	20	26	335
80848		1.30	0.002	0.009	0.006	<1	2.73	<10	<50	<5	<10	0.37	<5	71	1290	77
80849		1.36	0.008	0.189	0.474	1	2.88	10	<50	<5	<10	0.41	<5	201	1530	1655
80850		1.40	0.052	0.145	0.346	<1	3.00	10	<50	<5	<10	0.46	<5	114	1515	2050
80851		1.34	0.007	0.054	0.149	<1	2.93	10	<50	<5	10	0.54	<5	55	1235	532
80852		1.40	0.014	0.018	0.033	<1	1.60	10	<50	<5	10	0.99	<5	30	488	201
80853		1.22	<0.001	0.007	0.004	<1	4.44	<10	<50	<5	<10	1.41	<5	42	90	307
80854		1.28	<0.001	0.007	0.004	<1	3.19	<10	<50	<5	<10	0.45	<5	55	1420	116
80855		1.26	<0.001	0.008	0.004	1	2.73	20	<50	<5	<10	0.37	<5	61	2020	154
80856		1.38	<0.001	0.008	0.009	<1	3.06	<10	<50	<5	<10	0.39	<5	57	1700	118
80857		2.01	0.008	0.007	0.006	<1	3.16	30	<50	<5	<10	0.48	<5	54	1175	106
80858		1.39	0.001	<0.005	0.001	2	1.41	20	90	<5	<10	1.68	<5	14	57	168
80859		1.36	0.006	<0.005	0.007	1	1.16	20	60	<5	<10	2.51	<5	15	21	68
80860		1.30	0.005	<0.005	0.003	2	1.00	120	60	<5	10	0.68	<5	22	16	118
80861		1.31	<0.001	0.005	0.006	1	2.71	10	<50	<5	10	0.29	<5	59	2210	83
80862		1.28	0.010	<0.005	0.005	<1	2.78	100	<50	<5	<10	0.28	<5	65	2090	13
80863		1.35	<0.001	0.017	0.016	<1	3.49	60	<50	<5	<10	0.41	<5	62	1840	8

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
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Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 6-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065223

Sample Description	Method Analyte Units LOR	ME-ICP41a Fe % 0.05	ME-ICP41a Ga ppm 50	ME-ICP41a Hg ppm 5	ME-ICP41a K % 0.05	ME-ICP41a La ppm 50	ME-ICP41a Mg % 0.05	ME-ICP41a Mn ppm 30	ME-ICP41a Mo ppm 5	ME-ICP41a Na % 0.05	ME-ICP41a Ni ppm 5	ME-ICP41a P ppm 50	ME-ICP41a Pb ppm 10	ME-ICP41a S % 0.05	ME-ICP41a Sb ppm 10	ME-ICP41a Sc ppm 5
80451		8.91	<50	<5	0.59	<50	3.33	1490	<5	0.24	35	1820	<10	0.13	<10	15
80451RD		8.24	<50	<5	0.62	<50	3.08	1380	<5	0.22	38	1820	<10	0.17	10	12
80452		13.90	<50	<5	<0.05	<50	3.33	1360	<5	<0.05	216	960	<10	2.56	<10	12
80453		10.15	<50	5	0.11	<50	2.03	1110	<5	<0.05	82	1590	<10	1.82	<10	<5
80454		10.30	<50	<5	0.16	<50	0.76	640	<5	<0.05	108	1560	<10	5.15	<10	<5
80455		15.95	<50	<5	0.36	<50	0.59	460	<5	0.05	178	1390	<10	7.80	<10	<5
80830		6.73	<50	<5	<0.05	<50	16.65	870	<5	<0.05	1545	90	<10	0.11	<10	7
80831		7.88	<50	<5	<0.05	<50	15.55	850	<5	<0.05	1430	100	<10	0.10	<10	9
80832		7.02	<50	<5	<0.05	<50	14.85	780	<5	<0.05	1365	80	<10	0.07	<10	8
80833		6.64	<50	<5	<0.05	<50	13.80	770	<5	<0.05	1390	90	20	0.08	<10	6
80834		6.38	<50	<5	<0.05	<50	13.20	820	<5	<0.05	1315	<50	10	0.08	10	<5
80835		5.90	<50	<5	<0.05	<50	11.30	720	<5	<0.05	1210	160	<10	0.08	<10	5
80836		7.87	<50	<5	<0.05	<50	14.00	800	<5	<0.05	1150	60	10	0.10	10	8
80837		8.50	<50	<5	<0.05	<50	14.50	770	<5	<0.05	1145	80	20	0.08	<10	8
80838		5.44	<50	<5	<0.05	<50	8.05	670	<5	<0.05	722	100	10	0.12	<10	5
80839		7.24	<50	<5	<0.05	<50	13.65	770	<5	<0.05	1995	60	10	0.34	10	12
80840		8.60	<50	<5	<0.05	<50	15.55	750	<5	<0.05	1465	50	10	0.06	10	9
80841		6.45	<50	5	<0.05	<50	16.15	780	<5	<0.05	1625	50	20	0.09	20	9
80842		6.23	<50	<5	<0.05	<50	15.50	780	<5	<0.05	1660	<50	<10	0.09	<10	8
80843		5.37	<50	<5	<0.05	<50	14.85	820	<5	<0.05	1745	90	10	0.10	10	7
80844		3.34	<50	<5	<0.05	<50	5.33	450	<5	<0.05	514	180	<10	0.39	<10	<5
80845		2.68	<50	<5	0.25	<50	0.47	200	7	0.05	66	230	10	1.36	<10	<5
80846		5.83	<50	<5	0.38	<50	1.26	470	10	0.05	81	420	10	3.32	10	<5
80847		15.35	<50	<5	0.33	<50	1.14	580	<5	<0.05	136	2000	50	9.30	<10	<5
80848		6.07	<50	5	<0.05	<50	10.00	630	<5	<0.05	1050	60	10	0.16	10	5
80849		7.71	<50	<5	<0.05	<50	7.25	380	<5	<0.05	6380	190	<10	1.93	<10	6
80850		6.47	<50	5	<0.05	<50	7.01	370	<5	0.05	3870	170	20	1.39	<10	5
80851		4.68	<50	<5	<0.05	<50	6.28	340	<5	0.06	1185	270	<10	0.36	<10	<5
80852		2.67	<50	<5	<0.05	<50	2.31	270	<5	<0.05	779	250	10	0.36	<10	<5
80853		13.40	<50	<5	<0.05	120	2.73	1790	<5	0.06	120	520	10	1.60	<10	9
80854		5.21	<50	<5	<0.05	<50	8.07	480	<5	<0.05	769	290	<10	0.09	<10	5
80855		5.71	<50	<5	<0.05	<50	9.45	580	<5	<0.05	1105	<50	10	0.20	10	6
80856		5.09	<50	<5	<0.05	<50	8.19	440	<5	<0.05	847	150	<10	0.16	20	6
80857		4.99	<50	<5	<0.05	<50	5.68	460	<5	<0.05	611	230	10	0.09	10	<5
80858		1.70	<50	<5	0.18	<50	0.42	120	<5	<0.05	59	260	10	0.58	<10	<5
80859		6.52	<50	8	0.42	50	0.94	320	9	<0.05	122	250	40	3.28	<10	<5
80860		10.10	<50	8	0.50	<50	0.69	250	10	<0.05	132	360	30	5.79	10	<5
80861		4.75	<50	<5	<0.05	<50	6.54	350	<5	<0.05	871	120	<10	0.29	10	<5
80862		4.39	<50	5	<0.05	<50	6.02	390	<5	<0.05	778	160	10	<0.05	<10	<5
80863		4.88	<50	<5	<0.05	<50	6.23	650	<5	<0.05	724	180	10	<0.05	<10	<5

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1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 6-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065223

Sample Description	Method Analyte Units LOR	ME-ICP41a Sr ppm 5	ME-ICP41a Ti % 0.05	ME-ICP41a Tl ppm 50	ME-ICP41a U ppm 50	ME-ICP41a V ppm 5	ME-ICP41a W ppm 50	ME-ICP41a Zn ppm 10
80451		68	1.14	<50	<50	218	<50	150
80451RD		54	0.98	<50	<50	201	<50	140
80452		164	1.15	<50	<50	272	<50	130
80453		16	1.21	<50	<50	206	<50	90
80454		41	1.42	<50	<50	120	<50	50
80455		22	1.30	<50	<50	102	<50	40
80830		<5	0.06	<50	<50	27	<50	10
80831		<5	0.06	<50	<50	39	<50	20
80832		<5	0.05	<50	<50	41	<50	10
80833		<5	0.05	<50	<50	67	<50	70
80834		<5	0.06	<50	<50	73	<50	40
80835		<5	0.07	<50	<50	77	<50	40
80836		<5	0.05	<50	<50	44	<50	20
80837		<5	<0.05	<50	<50	46	<50	30
80838		<5	<0.05	<50	<50	48	<50	40
80839		16	<0.05	<50	<50	66	<50	20
80840		<5	<0.05	<50	<50	47	<50	20
80841		<5	<0.05	<50	<50	47	<50	40
80842		<5	<0.05	<50	<50	43	<50	20
80843		<5	<0.05	<50	<50	48	<50	20
80844		50	0.13	<50	<50	41	<50	20
80845		54	0.18	<50	<50	11	<50	10
80846		100	0.25	<50	<50	61	<50	160
80847		40	0.09	<50	<50	45	<50	30
80848		<5	0.08	<50	<50	77	<50	30
80849		<5	0.07	<50	<50	76	<50	20
80850		<5	0.07	<50	<50	74	<50	30
80851		<5	0.08	<50	<50	69	<50	20
80852		22	0.11	<50	<50	30	<50	20
80853		81	0.18	<50	<50	59	<50	110
80854		<5	0.07	<50	<50	102	<50	30
80855		<5	0.06	<50	<50	77	<50	30
80856		<5	0.06	<50	<50	80	<50	30
80857		<5	0.09	<50	<50	59	<50	30
80858		70	0.17	<50	<50	15	<50	10
80859		38	0.29	<50	<50	43	<50	220
80860		8	0.18	<50	<50	32	<50	450
80861		<5	<0.05	<50	<50	86	<50	40
80862		<5	<0.05	<50	<50	84	<50	40
80863		<5	0.13	<50	<50	86	<50	60

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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 6-OCT-2004
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Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04065223

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	ME-ICP41a Ag ppm 1	ME-ICP41a Al % 0.05	ME-ICP41a As ppm 10	ME-ICP41a Ba ppm 50	ME-ICP41a Be ppm 5	ME-ICP41a Bi ppm 10	ME-ICP41a Ca % 0.05	ME-ICP41a Cd ppm 5	ME-ICP41a Co ppm 5	ME-ICP41a Cr ppm 5	ME-ICP41a Cu ppm 5
80864		1.25	<0.001	0.007	0.009	<1	6.70	10	430	<5	<10	0.39	<5	49	1320	<5
80865		1.33	0.003	<0.005	0.004	2	1.68	<10	180	<5	<10	0.40	<5	7	43	44
80866		1.27	0.004	0.007	0.009	2	1.34	<10	140	<5	10	0.32	<5	9	26	42
80867		1.26	0.007	0.011	0.011	<1	3.28	30	<50	<5	<10	0.38	<5	71	1845	71
80868		1.40	0.003	0.010	0.008	<1	3.17	10	<50	<5	<10	0.57	<5	52	1680	64
80869		1.31	0.002	0.012	0.011	1	3.84	10	140	<5	10	0.65	<5	49	1390	40
80870		1.10	<0.001	<0.005	0.003	<1	1.69	<10	180	<5	10	0.37	<5	11	106	94
80871		1.35	0.005	<0.005	0.003	1	2.06	<10	80	<5	<10	2.14	<5	26	100	784
80872		1.41	0.003	0.008	0.006	<1	1.60	10	70	<5	<10	1.26	<5	15	77	646
80873		1.40	0.009	0.009	0.006	3	2.05	20	60	<5	<10	1.57	<5	25	90	1815
80874		1.42	<0.001	0.008	0.010	1	3.42	<10	<50	<5	10	0.46	<5	63	1700	69
80875		1.39	<0.001	0.007	0.006	1	3.04	<10	<50	<5	<10	0.62	<5	53	1285	350
80876		1.38	<0.001	0.010	0.007	2	3.07	10	<50	<5	10	0.69	<5	47	1065	59
80877		1.28	<0.001	<0.005	0.002	<1	1.19	<10	150	<5	<10	1.02	<5	8	44	32
80878		1.15	<0.001	<0.005	0.002	<1	1.57	40	<50	<5	<10	0.26	<5	94	1560	64
80879		1.52	<0.001	0.006	0.005	1	1.84	<10	<50	<5	10	0.54	<5	98	1675	441
80880		1.00	<0.001	<0.005	0.002	1	1.06	20	<50	<5	10	1.18	<5	13	151	87
80881		1.44	<0.001	<0.005	0.001	<1	3.14	<10	340	<5	<10	5.72	<5	73	67	334
80882		1.31	<0.001	<0.005	<0.001	<1	3.11	10	170	<5	<10	3.24	<5	15	42	140
80883		1.38	0.005	<0.005	0.001	1	3.83	20	240	<5	<10	10.65	<5	70	91	1600
80884		1.38	0.002	<0.005	0.001	<1	3.95	30	370	<5	10	10.45	<5	62	236	255
80885		1.31	0.004	<0.005	0.001	<1	4.09	<10	500	<5	<10	9.90	<5	48	198	1505
80885RD			0.004	<0.005	0.001	<1	4.00	10	440	<5	10	9.41	<5	49	188	1645

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THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 6-OCT-2004
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CERTIFICATE OF ANALYSIS TO04065223

Sample Description	Method	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a	ME-ICP41a
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.05	50	5	0.05	50	0.05	30	5	0.05	5	50	10	0.05	10	5
80864		8.15	<50	<5	1.69	<50	7.92	1370	<5	<0.05	470	240	10	<0.05	<10	13
80865		6.76	<50	<5	0.49	<50	0.66	340	<5	<0.05	41	700	20	2.82	<10	<5
80866		5.78	<50	<5	0.39	<50	0.54	250	<5	<0.05	42	380	30	2.39	<10	<5
80867		4.81	<50	<5	<0.05	<50	6.40	480	<5	<0.05	678	220	10	<0.05	10	<5
80868		4.51	<50	<5	<0.05	<50	5.81	520	<5	<0.05	615	140	<10	<0.05	10	<5
80869		5.20	<50	<5	0.83	<50	5.58	680	<5	<0.05	501	190	20	<0.05	10	<5
80870		3.01	<50	7	1.00	<50	1.08	210	<5	0.27	76	380	20	<0.05	10	7
80871		2.62	<50	<5	0.17	<50	1.20	360	<5	0.06	84	320	<10	0.21	<10	6
80872		2.09	<50	<5	0.15	<50	0.99	280	<5	0.06	51	220	10	0.18	10	5
80873		2.43	<50	<5	0.11	<50	1.17	290	<5	0.05	104	250	10	0.28	10	5
80874		5.69	<50	7	<0.05	<50	8.40	580	<5	<0.05	864	140	<10	0.12	<10	5
80875		4.92	<50	<5	<0.05	<50	5.47	630	<5	<0.05	607	150	10	0.11	<10	<5
80876		4.35	<50	<5	<0.05	<50	4.50	700	<5	0.06	526	190	<10	<0.05	20	<5
80877		0.68	<50	<5	0.40	<50	0.38	110	<5	<0.05	24	270	20	0.09	10	<5
80878		7.16	<50	<5	<0.05	<50	16.70	880	<5	<0.05	1355	80	<10	0.08	<10	10
80879		6.27	<50	<5	<0.05	<50	15.45	840	<5	<0.05	1555	50	<10	0.13	10	8
80880		1.78	<50	<5	0.08	<50	1.21	310	<5	0.10	90	210	<10	0.47	<10	<5
80881		9.30	<50	5	0.37	90	2.64	1320	8	0.05	156	3430	40	1.35	<10	<5
80882		8.01	50	<5	0.19	90	2.49	1060	<5	0.12	41	590	10	1.16	20	<5
80883		11.45	<50	<5	0.32	90	4.40	2010	<5	<0.05	89	3240	10	5.17	<10	13
80884		10.15	<50	<5	0.47	100	4.52	1830	15	<0.05	142	3760	30	3.15	<10	18
80885		9.53	<50	6	0.60	110	4.26	1850	6	<0.05	102	3710	40	1.07	<10	18
80885RD		9.37	<50	<5	0.54	110	4.14	1790	5	<0.05	90	3620	20	1.03	<10	17

ALS Chemex

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CERTIFICATE OF ANALYSIS TO04065223

Sample Description	Method Analyte Units LOR	ME-ICP41a Sr ppm 5	ME-ICP41a Ti % 0.05	ME-ICP41a Tl ppm 50	ME-ICP41a U ppm 50	ME-ICP41a V ppm 5	ME-ICP41a W ppm 50	ME-ICP41a Zn ppm 10
80864		39	0.33	<50	<50	119	<50	100
80865		19	0.20	<50	<50	17	<50	50
80866		25	0.19	<50	<50	14	<50	50
80867		<5	0.13	<50	<50	88	<50	50
80868		<5	0.13	<50	<50	77	<50	50
80869		14	0.18	<50	<50	87	<50	100
80870		21	0.32	<50	<50	61	<50	30
80871		66	0.21	<50	<50	59	<50	40
80872		39	0.18	<50	<50	42	<50	30
80873		34	0.20	<50	<50	51	<50	50
80874		<5	0.11	<50	<50	87	<50	30
80875		<5	0.12	<50	<50	71	<50	60
80876		7	0.14	<50	<50	58	<50	50
80877		61	0.19	<50	<50	9	<50	10
80878		<5	0.06	<50	<50	52	<50	20
80879		<5	0.06	<50	<50	56	<50	20
80880		33	0.14	<50	<50	13	<50	10
80881		114	2.48	<50	<50	218	<50	130
80882		95	0.52	<50	<50	43	<50	70
80883		483	0.23	<50	<50	178	<50	160
80884		467	0.23	<50	<50	218	<50	190
80885		468	0.39	<50	<50	258	<50	220
80885RD		454	0.43	<50	<50	251	<50	220

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218

To: **NOVAWEST RESOURCES INC.**
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

Finalized Date: 26-OCT-2004
This copy reported on 22-MAR-2005
Account: PET

CERTIFICATE TO04069523

Project: RAGLAN

P.O. No.:

This report is for 104 Pulp samples submitted to our lab in Toronto, ON, Canada on 6-OCT-2004.

The following have access to data associated with this certificate:

PAT O BRIEN	BOB STEWART	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM-ICP27	Ore grade Pt, Pd and Au by ICP	ICP-AES
Pt-AA23	Pt 30g FA-AA finish	AAS
PGM-ICP23	Pt, Pd, Au 30g FA ICP	ICP-AES

To: **NOVAWEST RESOURCES INC.**
ATTN: BOB STEWART
1000-355 BURRARD ST
THE MARINE BUILDING
VANCOUVER BC V6C 2G8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

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Finalized Date: 26-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04069523

Sample Description	Method Analyte Units LOR	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	PGM-ICP27 Au ppm 0.03	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03	Pt-AA23 Pt ppm 0.07
355451		<0.001	<0.005	0.002				
355452		0.001	0.020	0.025				
355453		0.002	0.118	0.266				
355454		<0.001	0.012	0.004				
355455		0.036	0.015	0.007				
355456		0.001	0.014	0.009				
355457		<0.001	0.017	0.007				
355458		0.005	0.006	0.004				
355459		<0.001	0.006	0.006				
355460		<0.001	<0.005	0.003				
355461		<0.001	<0.005	0.002				
355462		0.008	0.085	0.207				
355463		0.023	0.098	0.056				
355464		<0.001	<0.005	0.002				
355465		<0.001	<0.005	0.001				
355466		<0.001	<0.005	0.002				
373116		<0.001	<0.005	0.001				
373117		<0.001	<0.005	0.001				
373118		<0.001	<0.005	<0.001				
373119		<0.001	<0.005	<0.001				
373120		<0.001	<0.005	0.001				
373121		<0.001	<0.005	<0.001				
373122		<0.001	<0.005	<0.001				
373123		<0.001	<0.005	0.002				
373124		<0.001	<0.005	<0.001				
373125		<0.001	<0.005	<0.001				
373126		<0.001	<0.005	0.001				
373221		<0.001	<0.005	0.001				
373222		<0.001	<0.005	0.001				
373223		0.009	0.026	0.075				
373224		0.004	0.008	0.007				
373225		0.001	<0.005	<0.001				
373226		0.001	<0.005	0.001				
373227		<0.001	<0.005	<0.001				
373228		0.001	<0.005	<0.001				
373229		<0.001	<0.005	<0.001				
373230		0.001	<0.005	0.001				
373231		0.003	<0.005	0.001				
373232		<0.001	<0.005	<0.001				
373233		<0.001	0.037	<0.001				

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Finalized Date: 26-OCT-2004
Account: PET

Project: RAGLAN

CERTIFICATE OF ANALYSIS TO04069523

Sample Description	Method Analyte Units LOR	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001	PGM-ICP27 Au ppm 0.03	PGM-ICP27 Pt ppm 0.03	PGM-ICP27 Pd ppm 0.03	Pt-AA23 Pt ppm 0.07
373234		0.003	0.006	0.001				
373235		<0.001	<0.005	<0.001				
373236		<0.001	<0.005	<0.001				
373237		<0.001	<0.005	0.012				
373238		<0.001	<0.005	0.002				
373239		<0.001	0.030	0.002				
373240		0.001	0.008	0.001				
373241		<0.001	<0.005	0.001				
373242		<0.001	<0.005	<0.001				
373243		<0.001	0.009	0.008				
373244		<0.001	0.013	0.004				
373245		<0.001	0.009	0.008				
373246		0.002	<0.005	<0.001				
373247		0.001	0.023	0.015				
373248		0.001	0.005	0.004				
373249		0.002	0.019	0.010				
373250		0.003	<0.005	<0.001				
373260		0.299	>10.0	>10.0	0.41	>100	21.9	127.5
373261		<0.001	0.118	0.014				
373262		1.080	2.31	6.69				
373263		1.945	2.08	5.32				
373264		0.337	2.87	6.93				
373265		0.007	0.050	0.044				
373266		0.062	0.249	0.551				
373267		0.010	0.057	0.119				
373268		0.002	0.011	0.004				
373269		<0.001	0.012	0.002				
373270		<0.001	0.010	0.006				
373875		0.002	0.005	0.001				
373876		0.029	0.008	0.002				
373877		<0.001	0.008	0.004				
373878		<0.001	<0.005	0.002				
373879		0.005	0.010	0.001				
373880		<0.001	<0.005	0.001				
373881		<0.001	<0.005	0.002				
373882		<0.001	0.008	0.002				
373883		0.001	<0.005	0.002				
373951		0.002	<0.005	0.004				
373952		0.004	<0.005	0.002				
373953		0.002	<0.005	<0.001				

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373954		0.002	<0.005	0.001				
373955		0.002	0.007	0.002				
373956		0.001	<0.005	0.001				
373957		0.003	0.017	0.142				
373958		0.001	<0.005	<0.001				
373959		<0.001	0.007	0.001				
373960		0.001	0.005	0.004				
373961		<0.001	0.008	0.001				
373962		0.004	0.006	0.001				
373963		<0.001	0.009	<0.001				
373964		<0.001	0.006	<0.001				
373966		<0.001	0.007	<0.001				
373967		<0.001	0.007	<0.001				
373968		<0.001	0.013	0.003				
373969		0.010	0.012	0.009				
373970		0.004	0.122	0.071				
373971		0.002	0.076	0.052				
373972		0.006	0.049	0.028				
373973		0.003	0.101	0.075				