GM 67442

TECHNICAL REPORT, 2012 EXPLORATION PROGRAM, PAYNE BAY PROPERTY

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ITEM 1 TITLE PAGE

Form 43-101F1
Technical Report

Technical Report
2012 Exploration Program, Payne Bay Property, Québec

ANGLO AMERICAN EXPLORATION (CANADA) LTD.
VIRGINIA MINES INC.

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GM 67442

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ITEM 3 SUMMARY

The Payne Bay property is located near the Inuit village of Kangirsuk on the western coast of the Ungava Bay in Nunavik. As of January 2013, the property was divided into four blocks of claims and covered an area of 18,890 hectares. The project lies at the northern extremity of the New Québec Orogen. This orogen represents the northeastern extension of the Trans-Hudson Orogen, an early Proterozoic collisional zone that borders the Superior Province. The Trans-Hudson Orogen also includes the Thompson Belt (Manitoba) and the Cape Smith Belt (Québec), both of which host important nickel mining camps. The present report summarizes fieldwork and results from the summer 2012 activities on the Payne Bay property.

The mains objectives of the 2012 winter and summer campaign was to complete the geophysical ground survey (MLEM) using the low-temperature SQUID and Fluxgate sensors over the zone of the property, Kyak and Qarqasiaq. Moreover, additional sampling at Kyak was conducted in parallel with a more detailed structural interpretation. The result of the geophysics survey was positive with the completion of 67.5 line-km and the discovery of new anomalies. All results can be reviewed in detail in the geophysical contractor report in appendix VII. Structural interpretation was realized to have a better understanding of the major structures affecting the property on a regional scale. This field work was preceded by detail magnetic image interpretation done by Leigh Rankin from the Australian consulting company Geointerp.

Past exploration activities suggest that the Payne Bay property has a good potential for hosting a large low grade, near-surface Ni-Cu deposit in the Kyak intrusion and Raglan-style orebodies in ultramafics of the Qarqasiaq area. A drilling campaign is highly recommended to test these two blocks of claims which were only sporadically drilled in the late 1960's and between 1999 and 2001. Furthermore, a follow-up with ground geophysics is also recommended on known Ni-Cu-PGE mineralization along Chaunet Lake zone where showings are discontinuously distributed along a 3.5 km distance.

ITEM 4 INTRODUCTION

This report provides the status of current technical geological information relevant to the 2012 exploration program conducted by Anglo American Exploration/Virginia Mines on the Payne Bay property in Québec. It has been prepared in accordance with the Form 43-101F1 Technical Report format outlined under NI-43-101. The report also provides recommendations for future work.

All information and data contain in this report or used in its preparation were obtained either from the last exploration campaign or from previous geological reports related to this property as shown in the reference section.

ITEM 5 DISCLAIMER

The first author Marc-Antoine Laporte, M.Sc. in Earth Science and project geologist, has supervised and participated to the 2012 activities on the Payne Bay Property. The second author

Circe Malo-Lalande, M.Sc. in geophysics and engineer, was involved with the first author in the preparation and execution of the geophysical ground survey. She also did the quality control of all the data collected during this program. The third author Clement Dombrowski, M.Sc.A in geology and senior geologist, reviewed and corrected the present report. He also visits the project regularly since 2010.

ITEM 6 PROPERTY DESCRIPTION AND LOCATION

The Payne Bay Property is located between 8 and 30 kilometres north of Kangirsuk, on the western bank of Ungava Bay in Northern Québec (Fig. 1). As of January 2013, it included four blocks of claims (Qarqasiaq, Chaunet, Des Chefs and Kyak) which summed up to 471 designated claims (Fig. 2) for a total of 18,890 hectares. The list of claims is shown in Appendix I.

The coordinates of Kangirsuk and maps covered by the project are:

Latitude:	60°01' 13'' N
Longitude:	-70°01' 06'' W
SNRC:	25 C/04, D/01 and D/08
UTM zone:	19 (Nad27)
NTS:	443250 E
	6653900 N

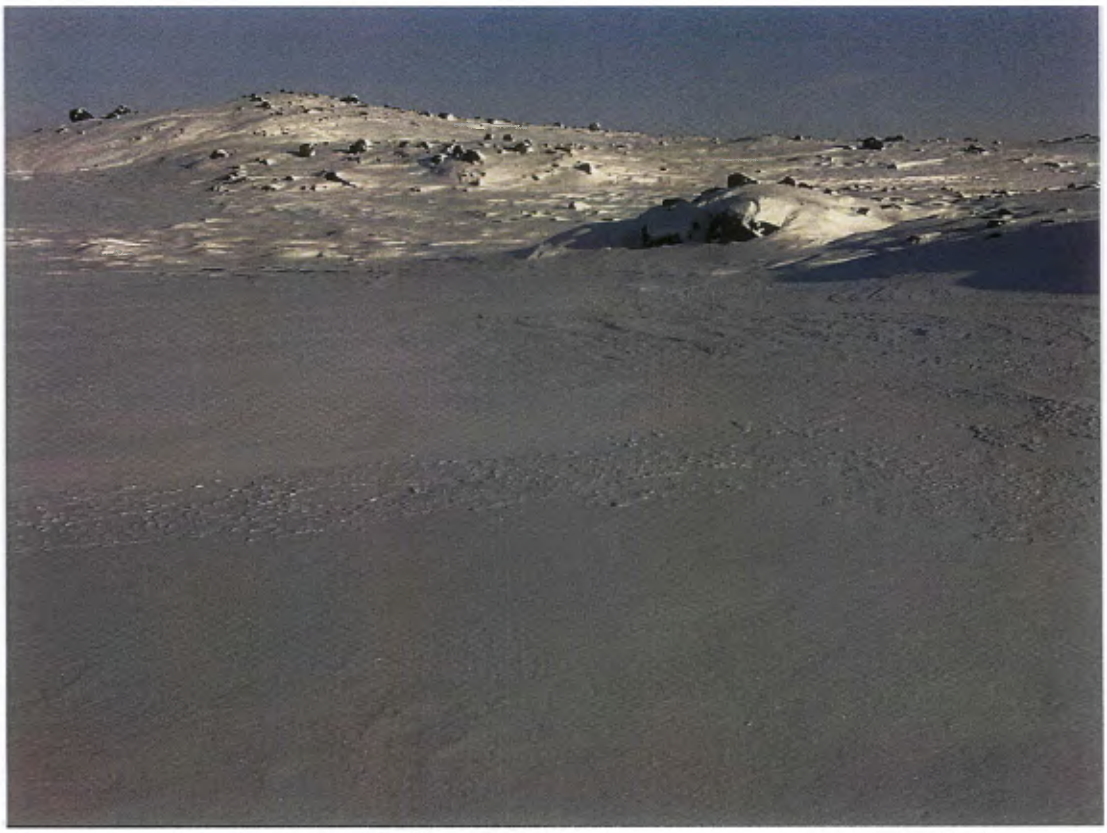
Mining rights are held by Virginia Mines Inc. (50%) ["**Virginia**"] and Anglo American Exploration Ltd. (50%) ["**AAEC**"]. The southern part of the Qarqasiaq Block is located within Category I Inuit land, which is controlled by the Saputik Land Holding Corporation of Kangirsuk. The corporation gave Osisko and Virginia permission to carry out exploration work on Category I land in 1999-2000 through a lease giving access to the area. A new 3-year lease was signed with the corporation during fall 2008. In 2011 the renewal of the lease was cancelled by the Saputik Landholding following a public consultation with the population of Kangirsuk. This decision didn't affect the claim standing, but limit the land access by the corporation. During spring 2010, Virginia entered into a joint venture agreement with Anglo American Exploration (Canada) Ltd. ["**AAEC**"]. In order to earn a 50% interest in the property, AAEC has to spend CA$4 million in exploration expenditures over a 6-year period.

ITEM 7 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

Access to the northern village of Kangirsuk is provided by Air Inuit which offers daily flights from Montréal or other major southern cities via Kuujjuaq. First Air also provides daily flights to Kuujjuaq. The whole property is easily accessible all-year round by helicopter, whereas floatplanes and all-terrain vehicles can be used in specific areas during summer. When snow covers the landscape, snowmobile is an effective means of transportation to reach all four blocks

of claims. Large cargo can be sent to Kangirsuk by air transportation, but may also be shipped by boats at cheaper prices using services provided by Taqramut Transport Inc. and NEAS which supplies the village during the summer season. Local resources in Kangirsuk include accommodations, groceries, fuel and some limited services.

The property, located well above the tree line, is entirely covered by tundra. High terrains commonly consist of extensive exposures of outcrops. The terrain is locally rugged with escarpments oriented into a NW-SE direction. Altitude varies from 50 to 800 metres. Lakes are abundant but tend to be relatively small and have a shallow depth. The summer field season is short, with temperatures ranging between 0 and 20°C from late June to late September, during which outcrops are generally free of snow. Weather conditions become increasingly unpredictable late in the field season with fog, sleet, and snow squall and high winds occurring frequently mainly due to the proximity of the Ungava Bay (**Picture 1**).



Picture 1: Tundra landscape during winter

ITEM 8 HISTORY

Exploration work in the Payne Bay area historically focussed on iron ore along the margin of the Roberts Syncline (Fig. 3), with documented activity beginning in 1938 and persisting intermittently until the mid 1960's. Although substantial deposits were discovered, none were put into production. The Kyak intrusion was investigated briefly in the 1960's and early 1970's for its nickel potential, with exploration work including two independent airborne EM-MAG surveys, grid mapping and prospecting, limited ground geophysical surveys, as well as

2,850 metres of drilling (26 holes, EX core) (Dubuc, 1968; Séguin, 1970; Bergmann, 1973). Ground work was essentially limited to a 1.25 kilometre by 1.5 kilometre zone covering the northernmost portion of the basal peridotite, the southern extension of which was essentially ignored. No additional work was done over the Kyak intrusion until 1986, when the northeastern half of the complex was subject to reconnaissance mapping for PGE mineralization.

Other mafic/ultramafic complexes in the Roberts Syncline were apparently not systematically explored for nickel prior to the acquisition of permits by Osisko in the late 1990's. The La Fosse Platinum Group prospected the area of Chaunet Lake in 1987 discovering a few occurrences of anomalous tenors in platinum and palladium in gabbro and ultramafics sills (Ward, 1988). Despite these findings, commonly associated with significant amounts of chalcopyrite, pyrrhotite and pentlandite, nickel and copper were not analyzed. In 1966, the Québec Government also mapped the Lac des Chefs region, reporting the occurrence of a massif serpentinite at Chaunet Lake, in particular (Hardy, 1968).

After a compilation of the area north of Kangirsuk, Osisko carried out a 10-day reconnaissance mapping and prospecting program on the northern portion of the Qarqasiaq complex in August of 1998, resulting in the discovery of several nickel showings. Virginia optioned the property in December 1998 and an airborne frequency-domain EM-MAG survey was immediately flown over the Qarqasiaq, Chaunet East and Chaunet West complexes. Another field program was carried out during summer 1999, focussing mainly on the Qarqasiaq complex but covering also portions of the Chaunet complexes. Prospecting and mapping were completed over selected airborne EM-MAG anomalies in the Qarqasiaq complex, followed by gridding, detailed mapping, limited ground geophysics (MaxMin, Mag) and a 7-hole reconnaissance drilling program, totalling 480 metres. A small drill was used and technical problems limited drilling to targets less than 70 metres deep.

Exploration focus switched to the Kyak intrusion in the summer of 2000 (Kiddie and Mungall, 2000). Detailed geological mapping and prospecting were carried out over the peridotite lobes at the base of the Kyak intrusion, along with ground magnetic and DEEPEM surveys. The final phase of the 2000 program entailed a 6-hole, 1,556-metre drill program. A second program including nine holes for a total of 1,648 metres was carried out the following summer on one specific peridotite lobe (Muskox lobe). Several holes in both drilling phases were surveyed by borehole Pulse EM.

Realizing that this fertile Ni-Cu±Co±PGE property had never been probed using a modern helicopter-borne TDEM survey, Virginia, operator of the project since 2008, contracted Aeroquest Ltd. to undertake a geophysical survey of the entire property using the AeroTEM IV system. The survey, totalling 1,352 linear kilometres, was completed in October 2008 over the four blocks of claims. Lines were flown at 150-metre spacing.

During summer 2010 and 2011 Virginia Mines and AAEC conducted prospecting and reconnaissance mapping of all the four blocks of claims. The main objective was to visit all known Ni-Cu-PGE showings, find additional mineralized occurrences and to develop drill targets with the use of ground geophysics (MLEM) with SQUID and Fluxgate sensors.

ITEM 9 GEOLOGICAL SETTING

9.1. Regional geology

The property is located at the northern extremity of the New Québec Orogen. The New Québec Orogen (NQO, also known as the Labrador Trough) represents the northeastern extension of the Trans-Hudson Orogen, an early Proterozoic collisional zone that borders the Superior Province. The NQO is an 800-kilometre long northwest-trending orogenic belt (2.17 – 1.87 Ga) that separates the Superior Province from the Churchill (Rae) Province. The Trans-Hudson Orogen also includes the Thompson Belt of Manitoba and the Cape Smith Belt of northern Québec, both of which host important nickel mining camps.

The Payne Bay Property lies within the Roberts Syncline (Fig. 3). In this area, the contact between supracrustal rocks of the NQO and Archean gneisses of the Superior is a thrust fault. The allochthonous units were folded into a synclinal structure 20-kilometre wide and 80-kilometre long that plunges gently to the southeast. The Roberts Syncline is rimmed by sedimentary rocks (iron formation, turbidites, sulphidic/graphitic mudstone and minor dolomite) and cored by a thick sequence of basalt containing interbeds of sulphidic/graphitic mudstone. The basaltic pile is intruded by abundant gabbro sills and by several tabular, undulating mafic-ultramafic complexes (Hardy, 1976; Kiddie 1999a).

The thick variably magnetic gabbro complex in the SE of the Robert Syncline (Kyak prospect) was emplaced as a lopolithic or lacolithic sill pre-D1. The NW end of the gabbro complex represents a major frontal thrust ramp within the T1 thrust stack. The gabbro sill is separated from the overlying basalts by a regional-scale thrust (represented by a >200m thick mylonite zone).

The greenstone belt was subsequently folded by a regional F2 NW-SE trending (SE-plunging) synform. This has resulted in overall steep NE- and SW-dipping F2 limbs, but with localised subdomains of "structurally anomalous" dips and strikes where S0 was modified by pre-F2 structures including F1 fold hinge / short limb zones and T1 frontal and lateral thrust ramps. The lateral thrust ramps have produced localised truncations and sudden dip changes down-dip within the F2 fold limbs.

9.2. Property geology

The Payne Bay Property includes important mafic/ultramafic complexes that have up to 1000 metres in apparent thickness and a cumulative strike length of 50 kilometres. The 16 kilometre-long Qarqasiaq complexes include gabbro, peridotite and basalt. Several peridotite-gabbro units within the Qarqasiaq complex, interpreted as subvolcanic feeders, have mineralized discordant bases that thermally and mechanically eroded the underlying sediments. The complex may also include possible flows with thick (100 metres) peridotitic olivine cumulates. The Qarqasiaq complex is similar in style and in composition (parental liquid of about 16% MgO) to the prolific Raglan complex in the Cape Smith Belt (published resources of 32.4 Mt @ 2.98 % Ni and 0.86% Cu) (data calculated from Xstrata website at http://www.xstratanickelraglan.ca/EN/Operations/Pages/Geology.aspx).

The Chaunet complex consists of several stacked gabbro-pyroxenite-peridotite sills, in part sheared and dismembered, that were intruded near a thick graphitic-sulphidic schist unit. The Des Chefs Block contains a lithological package similar to that in Chaunet except that ultramafic rocks are scarce and limited to pyroxenite.

The Kyak intrusive complex, situated on the eastern limb of the Roberts Syncline, was overturned during the Hudsonian Orogeny. It now occurs as a continuous, vertically dipping layered sequence striking northwest-southeast and younging to the SW. The intrusion is associated with a prominent 43 mgal residual Bouguer gravity anomaly. The base of the complex comprises a heterolithic package that includes a number of large and discontinuous peridotite/norite lobes inferred to have accumulated as early olivine-rich lag deposits from vast volumes of through-going noritic magma.

ITEM 10 DEPOSIT TYPES

The Payne Bay Property is known to host several occurrences of Ni-Cu±Co±PGE mineralization hosted in ultramafic and mafic rocks. Showings found in the Qarqasiaq area show strong geological similarities with the Katinniq mineralized lenses at Raglan Mine located 240 kilometres to the northwest and with komatiite-hosted deposits in Western Australia. In this type of deposits, ore may have magmatic, hydrothermal/metamorphic or tectonic origins (Barnes, 2006). In a broad sense, magmatic mineralization is typically found at the base of the ultramafic unit, trapped in channels, troughs and/or structural embayments (faults) and even as disseminations in large bodies. Hydrothermal/metamorphic and tectonic mineralizations are commonly associated to magmatic ones but are found, respectively, in veins in the adjacent metasedimentary footwall, and in shear zones and fold hinges remobilized away from the host rocks. Komatiite-associated orebodies are relatively small (a few million tons each) but they tend to form clusters which turn them into economic deposits. Moreover, they contain high nickel tenors commonly coupled with high contents in copper and platinum-group elements. Some of the best known examples to date are found in the Archean Yilgarn Craton of Western Australia (31.5 Mt / Hronsky and Schodde, 2006) and in the Proterozoic Cape Smith (Raglan) Belt in northern Québec (Dufresne and Lesher, 1992). The Ni-Cu±Co±PGE showings at Qarqasiaq have been classified by Clark and Wares (2004) as mineralization hosted in picritic basalt (Type 10A) and aphyric gabbro±peridotite (Type 10B).

Nickel and copper mineralization is also found at several locations in the Kyak Block. In such cases, showings are hosted in ultramafic and gabbronorite facies which are part of the large polyphased Kyak intrusion. According to Clark and Wares (2004), the Twins Lake showings may be categorized as magmatic Cu-Ni±Co±PGE occurrences in aphyric gabbro±peridotite. The Central and Muskox showings may also be included into the same category of ore deposits. Mineralization in the Kyak intrusion is found in a variety of rock types which includes gabbro, gabbronorite, norite, troctolite and harzburgite. All of these lithologies are found in the eastern part of the intrusion which is interpreted as the lower half of the magmatic chamber. The Early Paleoproterozoic Burakovsky layered pluton located in the Baltic Shield, which hosts a chromitite horizon, shows strong lithological similarities (http://www.largeigneousprovinces.org)

ITEM 11 MINERALIZATION

This section gives general information on the mineralized occurrences discovered since the earliest stages of exploration on the property. Refer to geological reports by Séguin (1970), Ward (1988), Mungall (1998), Kiddie (1999a, 1999b, 2001), and Kiddie and Mungall (2000) for additional description concerning each occurrence. Bold characters in the text below refer to 2012 analytical results. Refer to Appendix II for the description of 2012 outcrops and boulders, Appendix III for location of 2012 grab samples and to appendix IV for certificates of analyses. Maps in pockets show location of showings, 2012 outcrops, boulders and 2012 grab samples.

11.1. Qarqasiaq Block

Fieldwork by the Québec Government (Hardy, 1976), by La Fosse Platinum Group (Ward, 1988) and by Osisko (Mungall, 1998) on the 16-kilometre long Qarqasiaq ultramafic complex led to the discovery of up to 11 Ni-Cu±Co±PGE showings scattered over a 7.5-kilometre strike length within two structurally distinct units, the lower Tasikutaak and the upper Qarqasiaq. The 1999 program by Osisko resulted in the discovery of three additional showings in this complex (Kiddie, 1999b). The best PGE values (0.61 g/t Pt and 0.79 g/t Pd) obtained by La Fosse Platinum Group come from a sample collected at the base of a sulphide-rich ultramafic sill, some 90 metres northwest of QB2 showing.

Mineralization within the upper Qarqasiaq unit (Q series peridotites) occurs near the base of semi-discordant lobate peridotite bodies that show little magmatic differentiation and evidence of footwall basalt/sediment assimilation. All showings in the Qarqasiaq unit contain relatively high Ni and Co tenors with grab samples of massive sulphides assaying up to 6.5% Ni and 0.34% Co. Samples collected during the 2010 summer confirmed that mineralization related to the Qarqasiaq unit has higher tenors in Ni-Cu±Co±PGE than that in the Tasikutaak unit. However, the latter unit has longer mineralized lenses. Recalculation of massive and disseminated sulphide samples to 100% sulphides yielded high nickel (average 4.91% Ni) and cobalt tenors (average 0.28% Co) with large fluctuations in copper (0.11%-3.48% Cu) (Mungall, 1998).

Lenses of semi-massive to massive sulphides within the Tasikutaak unit (T series peridotites) generally show poor metal tenors (average of 0.9% Ni in massive sulphide equivalent) and are associated, according to Mungall (1998), to picritic lava flows that have basal olivine cumulates (maximum 150-metre thick). The exception at Tasikutaak is the TA1 showing with 4.6% Ni in massive sulphide equivalent.

Mineralization at TB2 consists in disseminated, semi-massive and massive sulphides located at the base of a large peridotite body of the Tasikutaak unit. At the site of the showing, which has visible dimensions of at least 13 x 9 metres, the lowermost 4.2 metres of the ultramafic unit consists of semi-massive to massive sulphides hosted in gabbro and pyroxenite. This horizon is followed upward (towards the east) by pyroxenite grading into peridotite containing disseminated sulphides. A chalcopyrite-rich vein, about 5-7 centimetre thick, crosscuts the mineralized pyroxenite. This vein suggests that sulphide remobilization has occurred.

Mineralization at TC2 consists of a highly-weathered massive sulphide horizon of at least 45-metre long and up to 3 metres in thickness. This mineralized occurrence is located at the contact between gabbro [or basalt according to Mungall (1998)] and peridotite on the western and eastern sides, respectively. An EM anomaly is associated to this showing. A 15 to 20-centimetre thick lens of massive sulphides, returning 0.63% Ni, 0.08% Cu, 0.12% Co, 11 ppb Au, 0.14 g/t Pt and 0.78 g/t Pd, was discovered in 2010 approximately 50 metres to the north of TC2 along the contact between the lower mafic and the upper ultramafic lithologies. This occurrence is hosted in gabbro/basalt and may represent a mineralized shoot near the base of the peridotite, located five metres to the east.

11.2. Chaunet Block

The vast majority of mineralized occurrences in the Chaunet Block consist of pyrrhotite-rich gossans with minor chalcopyrite and sphalerite. These sulphides are hosted in basaltic rocks and graphitic mudslate/schist juxtaposed to the basaltic sequence. Anomalous contents in Cu and Zn are present but do not exceed 0.2% Cu and 0.5% Zn

Prospecting by Osisko led to the discovery of one nickel mineralized zone (Chaunet Lake showing) at the base of the Chaunet West complex (Kiddie, 1999a). More precisely, the showing had already been sampled by La Fosse Platinum Group (up to 0.12 g/t Au, 31 ppb Pt and 0.61 g/t Pd) (Ward, 1988). However, the latter company did not analyze its samples for Ni and Cu values. The Chaunet Lake showing is hosted by a gabbro sill exposed along the lakeshore of the southern extremity of Chaunet Lake. Grab samples of mineralized outcrops and boulders assayed an average of 0.32% Ni and 0.36% Cu reaching up to 0.98% Ni and 1.29% Cu (Kiddie, 1999a). Recalculation of the samples to 100% sulphides yielded an average of 3.77% Ni.

La Fosse Platinum Group reported other PGE occurrences in peridotite and gabbro along the shoreline of Chaunet Lake. Ward (1988) also mentioned that significant copper, nickel and cobalt values were obtained in 1962 in gabbro on the east side of Chaunet Lake (1.3% Cu, 1.1% Ni, 0.11% Co) but specifies that the exact location of the sampling is not known.

Several peridotite/pyroxenite boulders were sampled in 1999 in the area of Adamie Lake, near the extrapolated extension of the ultramafic sill. These boulders contained disseminated sulphides with anomalous values in Ni and Cu. One of them, with 3.10% Cu (Kiddie, 1999a), was resampled in 2010 and yielded 0.30% Ni, 0.62% Cu and 0.49 g/t Pd. This latter result is more representative of the whole composition of the boulder.

11.3. Des Chefs Block

Ultramafic units in this area are restricted to a few occurrences of pyroxenite associated to gabbro. One sample, collected in 2010 from an outcrop of gabbro-hosted semi-massive sulphides composed of 50% pyrrhotite with less than 1% chalcopyrite, returned 0.04% Ni, 0.16% Cu, 0.01% Co, 52 ppb Au, <5 ppb Pt and 8 ppb Pd. No significant occurrence was discovered during the season 2011-2012.

11.4. Kyak Block

At least 28 sulphide showings were observed in mafic and ultramafic lithologies of the Lower Series of the Kyak intrusive complex (Kiddie and Mungall, 2000). Most of these showings occur in the Muskox, Central, Twin Lakes and Northern ultramafic lobes, as defined by Osisko. Ten of these showings contain semi-massive and/or net-textured sulphides having nickel tenors ranging from 0.86% to 2.90% with lower values in copper and negligible PGE. Concentrations of sulphides appear almost at random within individual peridotite-norite lobes, having been observed at upper and lower interpreted margins, as well as within the middle portions of the lobes. The main nickel occurrences are known as Twin Lakes-1 through Twin Lakes-3, Central-1 through Central-5, Muskox-1 trough Muskox-9 and Norite Dyke. Additional mineralization up to 0.69% Ni and 0.84% Cu was discovered in the Central and Muskox lobes in 2010

Among the 15 holes drilled by Osisko in Central and Muskox ultramafic lobes, only two (DDH PB00-03 and DDH PB01-11) encountered significant mineralization. In DDH PB00-03, the core, containing disseminated sulphides throughout the length of the hole, graded 0.48% Ni and 0.18% Cu over 321 metres. DDH PB01-11, drilled 213 metres southeast of DDH PB00-03, returned 0.48% Ni and 0.17% Cu over 33.2 metres with only 2-3% disseminated pyrrhotite and pentlandite. Both of these holes were done in the Muskox Lobe. Those 2 holes were resampled in 2012 and Ni-Cu grade in DDH PB00-03 was confirmed by systematic resampling, but not on hole PB01-11 due to a lack of time to sample the intercept.

The Twin Lakes ultramafic lobe also hosts substantial mineralization. The lobe was drilled in 1969 by Premium Iron Ore (Séguin, 1970). The ultramafic unit has an oval shape at least 90 metres long and 30 metres wide. Its long axis lies in a north-south direction plunging steeply to the north. Premium Iron Ore intersected two types of lithologies mineralized with Ni- and Cu-rich sulphides. The most significant one is the peridotite itself which graded up to 0.58% Ni and 0.62% Cu over 14.8 metres. That mineralized zone, located in the core of the peridotite lobe, extends at least 50 metres vertically and remains open at depth. Gabbro, located on the southern edge of the peridotite lobe, is the second type of mineralized rock. The mineralized horizon contains 0.59% Ni and 0.46% Cu over 7.6 metres. Séguin (1970) concluded that the gabbro-hosted mineralization does not appear to be consistent. On the other hand, he suggested that mineralization in peridotite is related to a brecciated structure and that, most likely, it persists at greater depth. According to that author, it can hardly be expected that the mineralized zone would be of greater dimensions unless the size of the peridotite pipe itself increases at greater depth.

At Kyak, mineralization is also found in gabbronoritic rocks located near ultramafic lobes. One of these examples is the Central-2 showing which is at least 65 metres long and 2-8 metres wide. Grab samples have returned a maximum of 0.17% Ni and 0.32% Cu. In 2010, additional gabbronorite gossans were sampled. One of them, located between Central and Northern lobes, corresponds to an irregular rusty zone covering about 15-20 m^2. The gabbronorite locally contains 5% pyrrhotite and 1% chalcopyrite, and returned 0.36% Ni, 0.30% Cu, 0.02% Co, 6 ppb Pt and 14 ppb Pd for only 3.96% S.

ITEM 12 EXPLORATION

The 2012 field program was mostly focus on the ground geophysics survey in the Qarqasiaq and Kyak areas. AAEC staff and contractors spent 119 days on the field including 100 days of survey during winter and summer 2012 with the completion of 67.5 line-km. Limited exploration work was also realised in the Kyak, Qarqasiaq and Chaunet Block with the collection of 42 grab samples and the description of 158 outcrops. Leigh Rankin assisted by Danielle Brown (junior geologist) spent 5 days on the project for a structural interpretation of the property. 2 weeks was also used to systematically resample historical core from DDH PB00-03 and PB01-011. Those 2 holes were originally sampled by composite method in early 2000-2001 and the grade needed to be confirmed by a continuous sampling.

The main objectif of the 2012 campaign was to complete the Time-Domain ElectroMagnetic survey using a moving loop configuration (MLEM) started in 2011 over the Qarqasiaq and Kyak blocks. The geological crew was composed from AAEC of Marc-Antoine Laporte (project geologist), Guillaume Royer (field technician), Mark Powers (site safety coordinator) and Circe Malo-Lalande (project geophycist). Martin Aucoin, consulting geologist from Terrapex, was part of the technical team and responsible for the relogging/sampling portion. No personnel from Virginia Mines worked on the field in 2012. Adamie Thomassie and Jeeka Kudluk, two Inuit from Kangirsuk, accompanied the crews on the field during the winter survey as bear guards. Tommy Nassak and Masiu Nassak also supported the operation with the creation of two emergency snowmobile trails. They were replaced by 6 other Inuit workers during the summer (Peter Grey, David Kudluk, Bobby Simiunie, Yuili Putilik, Kenny Nassak and Jaasi Grey).

The winter survey started on February 10 with the mobilization of AAEC crew. Abitibi Geophysics crew (ground MLEM contractor) arrived on site 5 days later with the LT SQUID and Fluxgate sensor to complete lines over frozen rivers and lakes. The 50 days winter survey ended with a total production of 27 line-km. The geophysical crew stayed on site for the duration of the campaign with regular days off. Rest of the staff rotated on a regular basis. Kitchen service was provided by 1984 Inc. from Vancouver and an Astar 350 B3 helicopter from Heli-Carrier was used on a daily basis for field operations. Personnel were lodged inside the village of Kangirsuk at the COOP Hotel and Saputik Hotel. All crew and equipment were demobilized between April 1-7 using cargo and passenger planes from Nolinor and Max Aviation.

The summer survey started on June 27 with the mobilization of AAEC crew. Discovery Geophysics crew (ground MLEM contractor) arrived on site 7 days later with the HT SQUID to complete the grid over Qarqasiaq and Kyak. The 50 days summer survey ended with a total production of 40.5 line-km and the completion of the 2 grids. All crews rotated on a regular basis. Kitchen service was again provided by 1984 Inc. and an Astar 350 B2 from Heli-Inter was used to support field operations. Crew lodged at Kangirsuk COOP and Saputik hotel.

This section summarizes field observations and gives all results from the recent field campaign. The reader is referred to Appendix I to VII for the complete list of claims, samples and description of outcrops/boulders, drill log and a detailed geophysical report. The certificates of analyses are also available in Appendix V.

During the summer 2012 a total of 158 outcrops were described (Fig 4&6) and 42 of them were sampled (Fig 5&7). In addition, 337 assays were taken from historical drill core at Kyak and sent to ALS Chemex for reanalysis.

All used abbreviations are from the geological legend developed by the Québec Government (Sharma, 1996).

12.1. Qarqasiaq Block

Up to 14 Ni-Cu±Co±PGE showings scattered along a 7-kilometre stretch are known in the Qarqasiaq Block. Most of these mineralized occurrences have been visited, described and sampled in 2010-2011. Only limited geological work was performed on this block during summer 2012, except structural interpretation by Leigh Rankin. The geophysical crew completed 21.2 line-km during the winter survey and 8 line-km during summer for a total of 29.2 line-km. Detailed results can be seen in Appendix VII.

According to Leigh Rankin's general conclusions, mafic – ultramafic sills and their host basalt sequences were initially deformed by SSE- to SE-directed thrusting and recumbent F1 folding. Thrusting included development of both frontal and lateral ramps. This deformation was part of the overall S-directed convergence and thrusting of the Cape Smith Belt - the Robert Syncline greenstone's probably an outlier of the Cape Smith Belt.

The most significant and down-dip-continuous ultramafic sills occur in the Qarqasiaq area these include a locally-significant steep NE-plunging F1 hinge structure of folded ol-pyroxenite to peridotite.

12.2. Lac Chaunet Block

The Chaunet Lake showing, consisting of disseminated pyrrhotite, chalcopyrite and pentlandite in gabbroic to pyroxenitic sills, previously returned 0.54% Ni, 1.29% Cu, 0.1 g/t Pt and 1.25 g/t Pd from a gabbroic boulder. A couple of days were spent prospecting and resampling the immediate area of this showing in 2010-2011 and other similar mineralized boulders were sampled in a 10 m radius. All of these boulders were most probably detached from the same cliff and returned similar results.

During 2012, only half a day was spent in the Chaunet Block where 2 outcrops were described with 2 samples taken with no significant results (**#76200, 76202**).

12.3. Lac des Chefs

No significant work was done in the Des Chefs Block during the 2012 exploration program.

12.4. Kyak Block

A great part of the 2012 geophysical program was done in the Kyak Block. Discovery Geophysics crew completed 5.8 line-km during the winter and 32.5 line-km in the summer for a total of 38.3 line-km. Detailed results can be seen in Appendix VII. That production completed the grid previously defined on this block. On the geological side, Danielle Brown assisted by Guillaume Royer and Martin Aucoin completed systematic sampling on the South West corner of the Kyak Block. In total they took 40 samples on 3 different traverses and only one anomalous value was found on those samples (Ni/Cu over 200 ppm) (**sample #76204, returned 751ppm Ni, 75ppm Cu and 109ppm Co**) (Figure 7). Most of the samples were barren gabbroic rocks with few ultramafic horizons.

Leigh Rankin observed that the gabbro has an obvious NW-SE trending magnetic layering, particularly well developed in the SE section of the complex. The possible upper, NE sector of the complex is typically less magnetic, and exhibits significant NW-SE trending, complex fold patterns in the regional magnetic data.

The Kyak gabbro complex is interpreted here as a possible pre-D1 layered sill complex (lopolithic or laccolithic) that was subsequently incorporated into the regional SE directed regional thrust and recumbent fold deformation of the Palaeoproterozoic greenstone belt.

The discordant contact between the NW-trending magmatic (and magnetic) layering at the NW end of the body and the surrounding metavolcanics / metasediments is interpreted here as a regional-scale T1 frontal thrust ramp associated with a series of stacked thrusts that both cut (and possibly thrust repeat?) the gabbro complex, and define its upper (NE) contact with the metabasalt sequences

ITEM 13 DRILLING

No drilling was done in 2012. Refer to reports written by Séguin (1970), Kiddie (1999b, 2001), Wares (2000) and Kiddie and Mungall (2000) for a complete description of previous drilling results.

From August 7 to August 20, contracting geologist from Terrapex, Martin Aucoin, and AAEC technician Guillaume Royer relogged and resampled DDH PB00-03 and PB01-011. Core was kept outside in the Twin Lake area at Kyak. Most of the core was in good condition with minimal natural degradation. The main goal was to confirm the assay result and interval obtained with composite sampling by Osisko in 2000-2001. A temporary core shack was built close to the Twin Lake to minimize the movement of the poor quality core boxes (Picture 2). In 14 days, the team collected 337 (without QA/QC) core samples of length between 30cm and 1.5 metres split with a hydraulic core splitter and bagged directly on site. The analysis confirmed the previous results with an interval in hole **PB00-03 from 5.70m to 15m, 9.3 metres @ 0.58% Ni, 0.23% Cu, 2.02% S and from 31.9m to 321.3m, 289 metres @ 0.44% Ni, 0.16% Cu, 1.45% S**. The interval has been split in 2 because 15 metres on the original core was missing. In hole PB01-011 results weren't completed, so core was analysed from 6 to 138 metres. This section is above the

main mineralization identified by Osisko in 2001. Also, this interval is broken in parts and no significant results can be extracted. All results are present in Appendix V.

Picture 2: Temporary core shack at Twin Lake, Kyak bloc.

ITEM 14 SAMPLING METHOD AND APPROACH

Rock samples collected during the 2012 summer program were obtained to determine the elemental concentrations in a quantitative way by ALS Chemex of Val-d'Or (Québec) and ACME Labs (Vancouver). These samples included mineralized rocks as well as others which were barren but of interest for lithological controls. Samples were collected from outcrops, boulders and core using a hammer or a core splitter.

All samples were placed in individual bags with their appropriate tag number and sealed with fibreglass tape directly on the field. The authors are not aware of sampling factors that would impact the reliability of the samples. The even distribution of the sulphides in the samples ensured that they were of high quality and representative of the material or mineralization being sampled.

ITEM 15 SAMPLE PREPARATION, ANALYSES AND SECURITY

15.1. Sample security, storage and shipment

All samples were collected by AAEC employees. After collecting, they were immediately placed in plastic sample bags, tagged and recorded with their unique sample number on site. All samples were initially stored in a garage at the Kangirsuk Airport. Sealed samples were then placed in shipping bags, which in turn were sealed with fibreglass tape. These bags were then shipped by Nolinor to Mirabel Airport in Mirabel where they were picked up by Kingsway Transport and transported by truck to the ALS Chemex sample preparation facility in Val-d'Or. The bags remained sealed until they were opened by the staff of ALS Chemex. Same method was used for the samples shipped to Acme Laboratory in Vancouver.

15.2. Sample preparation and assay procedures

After logging in, the assay samples were crushed in their entirety at the ALS Chemex preparation laboratory in Val-d'Or to 70% passing two millimetres (ALS Chemex Procedure CRU-31). From these coarse rejects a sub-sample of 200 to 250 grams was split and pulverized to 85% passing 75 microns (200 mesh - ALS Chemex Procedure PUL-31). From each such pulp, a 100-gram sub-sample was split and shipped to the ALS Chemex laboratory for assay. The remainder of the pulp (nominally 100 to 150 grams) and the rejects were held at the processing lab for future reference.

Wholerock ACME sample preparation follows procedure R200-500 that consistes in crushes 1 kg to 80% passing 10 mesh, split 500g and pulverize to 85% passing 200 mesh and all rejects were held in ACME warehouse for future reference.

Pulps at ALS Chemex are analyzed using package ME-ICP81, Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES) for base metals, and PGE-ICP-23 for precious metals. Pulps at ACME Labs are analyzed using a custom whole rock package (AALitho + 3B-MA) with major, minor, and trace elements by ICM-AES and ICP-MS and PGEs by fire assay with ICP-MS finish.

ITEM 16 DATA VERIFICATION

A QAQC protocol was established by Virginia and AAEC for rock sampling. Six different certified standards (**C**ertified **R**eference **M**aterials) were used in the sample series. Two standards were used for the wholerock package (OREAS 54Pa and 52Pb) and four standards for the assay package (OREAS 13p, 14p, 72a, and 73a). Each standard was selected depending on the expected type of mineralization deduced by the geologist on the field. For each batch of 20 samples, we made sure to include one certified standard, one blank and one duplicate. The first author was involved in collecting, recording, interpreting and presenting the data in this report and the accompanying maps. Data has been reviewed and validate by the first author and Anglo American principal geochemist Christian Ihlenfeld.

As part of their standard quality control, ALS Chemex and ACME Labs introduced duplicate check samples and standards in the samples series. No sample was assayed at other laboratories.

ITEM 17 ADJACENT PROPERTIES

This section is not applicable to this report.

ITEM 18 MINERAL PROCESSING AND METALLURGICAL TESTING

This section is not applicable to this report.

ITEM 19 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

This section is not applicable to this report.

ITEM 20 OTHER RELEVANT DATA AND INFORMATION

This section is not applicable to this report.

ITEM 21 INTERPRETATION AND CONCLUSIONS

The 2012 winter and summer program mainly focused on ground geophysics on the 2 main blocks of the property, Qarqasiaq and Kyak. Sampling and structural evaluation was also part of the activities in order to understand better the property before entering the drilling stage. Historical drill core was also resamples to confirmed previous grades reported by Osisko in early 2000.

The integration of 2011 and 2012 geophysical data can be seen in detail in Appendix VII. They are all base on geophysical response combined with surface geology and known showing. The conductors are mostly located in the first 300 vertical metres and are linked with strong magnetic features. For the Qarqasiaq Block, the model is similar to the Raglan formation and show good potential for high grade Ni-Cu-PGE deposit close to surface. At Kyak the model is different and the MLEM survey also showed quality conductors in the first 300 vertical metres of the UM unit, but also in the variably magnetic gabbroic rocks that form most of the Kyak intrusion.

Structural interpretation by Leigh Rankin exposed complex structural sequence characterized by multiples folding and thrusting episodes. Knowing that, Mr Rankin suggest that down dip geometry and depth extent of any sill may be very complex and will need more ground work in order to understand the 3D structural picture, mostly in the Kyak area. Limited work realized on the field in 2012, related to bad weather conditions, only offer partial answer and need to move on in 2013.

ITEM 22 RECOMMENDATIONS

Now that the ground geophysical survey is done, the Payne Bay project can enter in the drilling phase of its exploration. Results of the survey suggest quality anomalies in the first 300 vertical metres in the 2 most promising block, Kyak and Qarqasiaq. A two month drilling season with a minimum of 3000 meters of drilling should be planned for the 2013 summer season to test the top priority anomalies. All holes must be probed with EM sensor in order to get better idea of the mineralization at deep.

Leigh Rankin also suggests conducting detailed sampling across the main layered gabbro sill complex in the Kyak prospect and analyse for PGE's in all rock types (note gabbro-norite intrusion hosts economic Pd mineralisation in the Lac des Isles intrusive complex, western Ontario).

Continue detailed mapping traverses across both Qarqasiaq and Kyak prospects and compile detailed cross sections to assess 3-D geometry of folded thrusts (including lateral thrust ramps at depth).

The chaunet area is still of interest and could be subjected to additional prospecting. Ground TDEM survey could also be realized in near future over the mineralized section located in the North-West part Chaunet Block.

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ITEM 24 DATE AND SIGNATURE PAGE

CERTIFICATE OF QUALIFICATIONS

I, *Marc-Antoine Laporte*, resident at 1568 rue de la Giboulee, Québec, Qc, G2G 1Z9, hereby certify that:

- I am presently employed as a Project Geologist with Anglo American Exploration (Canada) Ltd., 5237 Boul Wilfrid-Hamel, Suite 280, Québec, Qc, G2E 2H2.
- I received a M.Sc. in Earth Sciences from Laval University (Québec) in 2008, and a B.A. in 2004 from Laval University (Québec).
- I have been working as a mineral exploration geologist since 2006.
- I am a professional geologist in training presently registered to the board of the *Ordre des Géologues du Québec*, permit number 1347.
- I am a qualified person with respect to the Payne Bay Project in accordance with section 5.1 of the National Instrument 43-101.
- I have been working on the property during winter and summer 2012.
- I am responsible for writing the present technical report utilizing proprietary exploration data generated by Anglo American Exploration (Canada) Ltd. and information from various authors and sources as summarized in the reference section of this report.
- I am not aware of any missing information or changes, which would have caused the present report to be misleading.
- I do not fulfil the requirements set out in section 5.3 of the National Instrument 43-101 for an « independent qualified person » relative to the issuer being a direct employee of Anglo American Exploration (Canada) Ltd.
- I have been involved in the Payne Bay Project since January 2011.
- I read and used the National Instrument 43-101 and the Form 43-101A1 to make the present report in accordance with their specifications and terminology.

Dated in Québec, Qc, this 15th day of March 2013.

"Marc-Antoine Laporte"

Marc-Antoine Laporte, M.Sc., G.I.T.

CERTIFICATE OF QUALIFICATIONS

I, *Circé Malo-Lalande*, resident at 829 de Maur, Québec (QC), G1X 3N2, hereby certify that:

- I am presently employed as a Project Geophysicist with Anglo American Exploration (Canada) Ltd., 5237 Boul Wilfrid-Hamel, Suite 280, Québec, Qc, G2E 2H2.
- I received a B.Ing. in Geological Engineering from the Université Laval in 2001 and a M.Sc.A in Mineral Engineering from École Polytechnique of Montréal in 2003.
- I have been working as a mineral exploration geophysicist since 2003.
- I am an active engineer in geology presently registered to the board of the *Ordre des Ingénieurs du Québec*, permit number 126408.
- I am a qualified person with respect to the Payne Bay Project in accordance with section 5.1 of the National Instrument 43-101.
- I have been working on the property in summer and winter 2012.
- In collaboration with other authors, I am responsible for writing the present technical report utilizing proprietary exploration data generated by Anglo American Exploration (Canada) Ltd. and information from various authors and sources as summarized in the reference section of this report.
- I am not aware of any missing information or changes, which would have caused the present report to be misleading.
- I do not fulfil the requirements set out in section 5.3 of the National Instrument 43-101 for an « independent qualified person » relative to the issuer being a direct employee of Anglo American Exploration (Canada) Ltd.
- I have been involved in the Payne Bay Project since fall 2011.
- I read and used the National Instrument 43-101 and the Form 43-101A1 to make the present report in accordance with their specifications and terminology.

Dated in Québec, Qc, this 15th day of March 2013.

"Circé Malo-Lalande"

Circé Malo-Lalande, M.Sc.A., Eng.

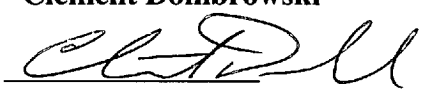
CERTIFICATE OF QUALIFICATIONS

I, *Clément Dombrowski*, resident at the 32, rue du Bon-Accueil, St-Étienne-de-Lauzon, Qc, G6J 1B2, hereby certify that:

- I am presently employed as Senior Geologist with Anglo American Exploration (Canada) Ltd, 5237 Boul Wilfrid-Hamel, Suite 280, Québec, Qc, G2E 2H2.
- I received a B.Sc. in Geology from the Université du Québec à Chicoutimi in 1992 and a M.Sc.A. in Earth Sciences from the Université du Québec à Chicoutimi in 1998.
- I have been working as a professional geologist in exploration since 1994.
- I am an active professional geologist presently registered to the board of the *Ordre des Géologues du Québec*, permit number 438.
- I am a qualified person with respect to the Payne Bay Project in accordance with section 5.1 of the National Instrument 43-101.
- I have visited the Payne Bay property in summers 2010, 2011 and 2012.
- In collaboration with the first author, I am responsible for writing the present technical report, utilizing proprietary exploration data generated by Anglo American Exploration (Canada) Ltd and information from various authors and sources as summarized in the reference section of this report.
- I am not aware of any missing information or change, which would have caused the present report to be misleading.
- I do not fulfil the requirements set out in section 5.3 of the National Instrument 43-101 for an «independent qualified person» relative to the issuer being a direct employee of Anglo American Exploration (Canada) Ltd.
- I have been involved in the Payne Bay Project since 2010.
- I read and used the National Instrument 43-101 and the Form 43-101A1 to make the present report in accordance with their specifications and terminology.

Dated in Québec, Qc, this 15th day of March 2012.

"Clément Dombrowski"



Clément Dombrowski, M.Sc.A., P.Geo.
OGQ Member # 438

ITEM 25 ADDITIONAL REQUIREMENTS FOR TECHNICAL REPORTS ON DEVELOPMENT PROPERTIES AND PRODUCTION PROPERTIES

ITEM 26 ILLUSTRATIONS

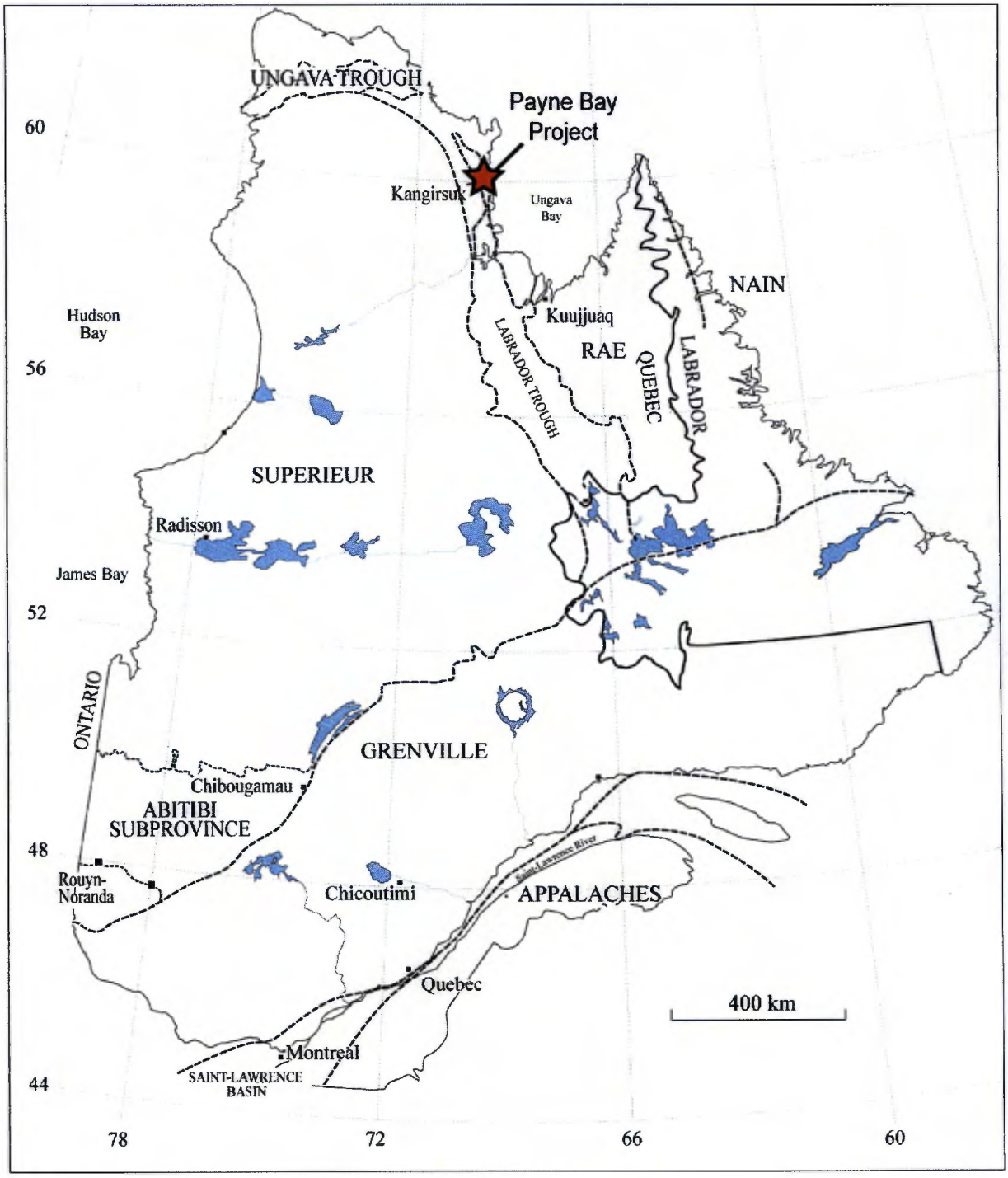


Figure 1. Location of the Payne Bay Project.

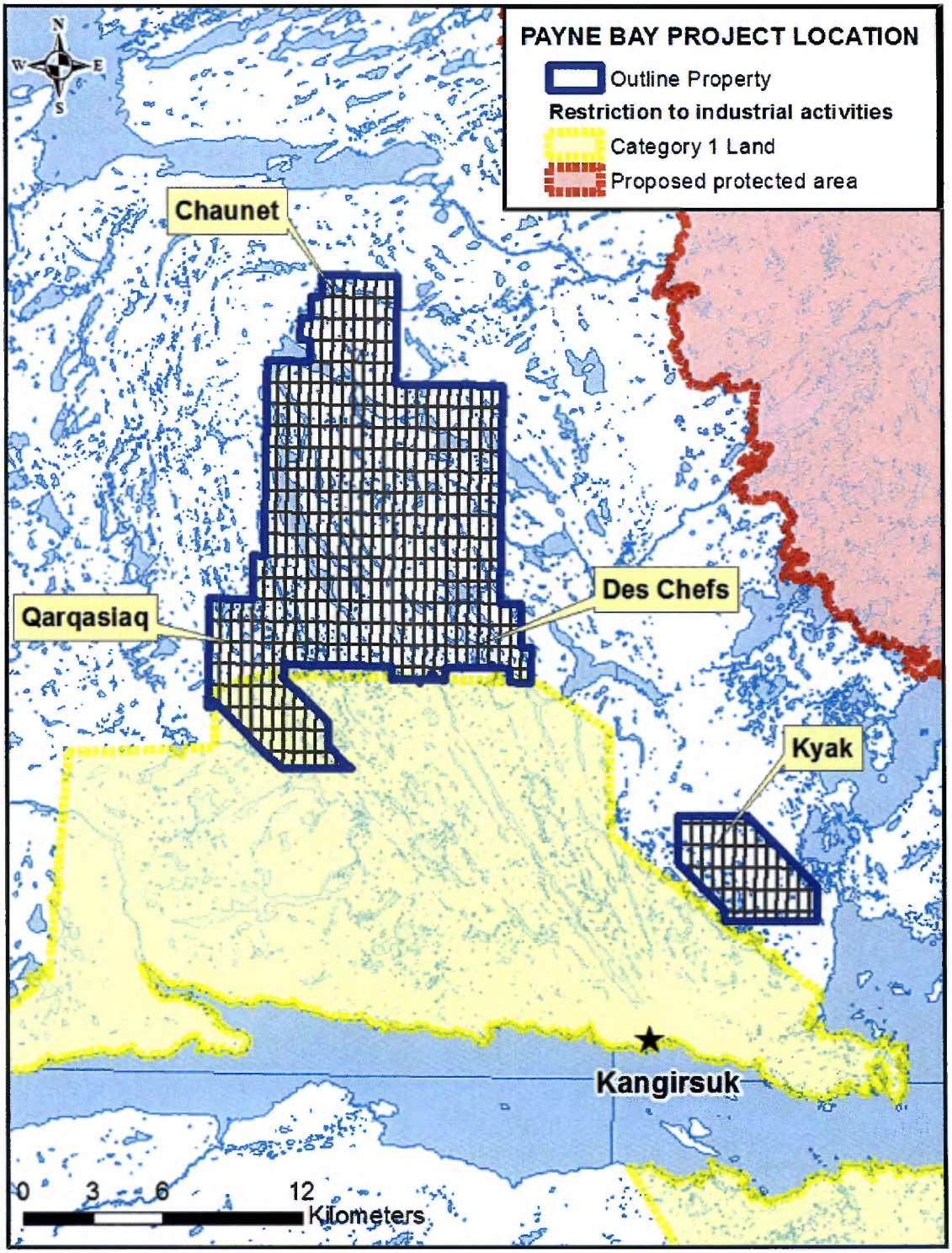


Figure 2. Location of claims (as of January 2013).

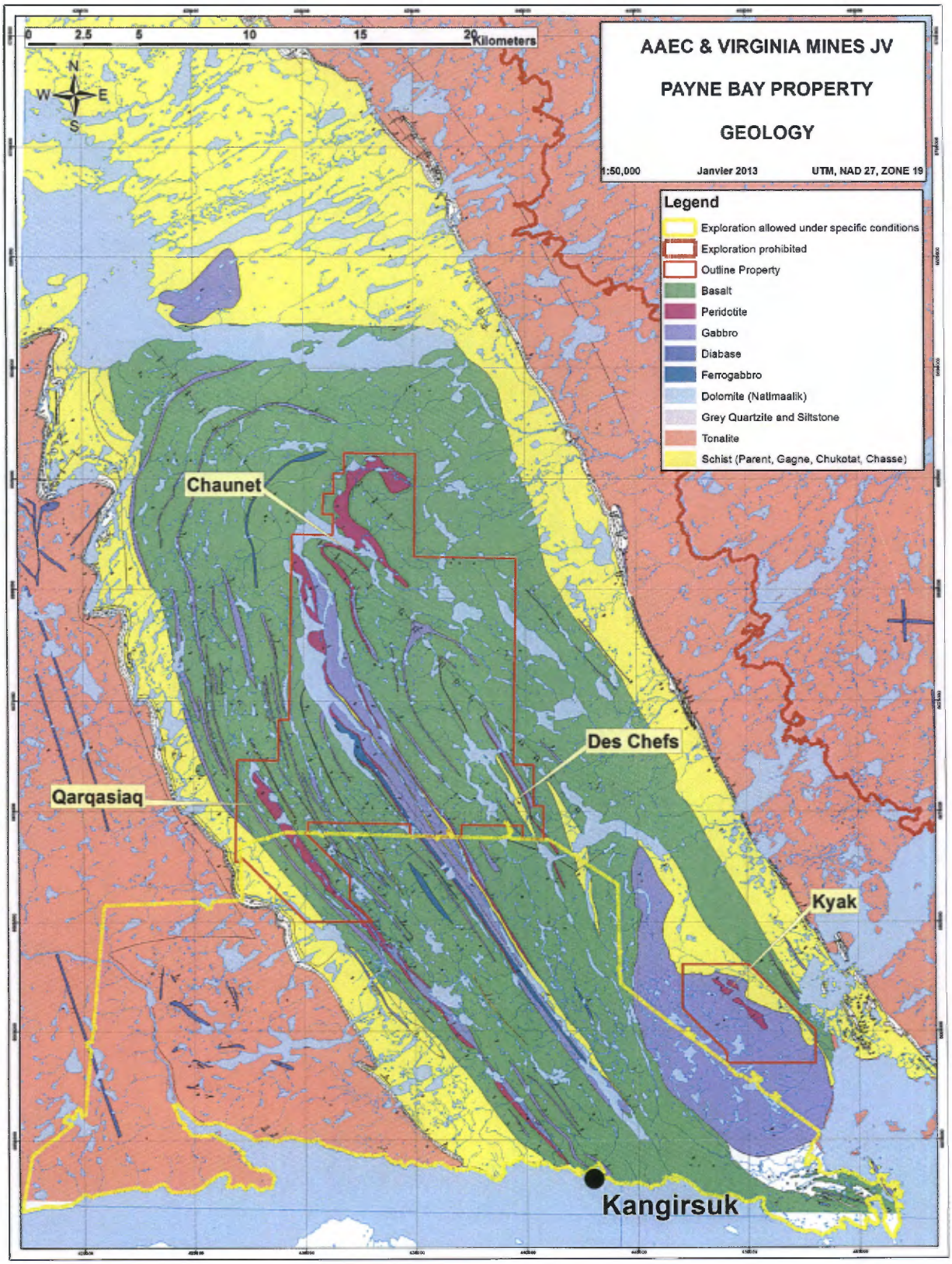


Figure 3. Geological map of the Roberts Syncline.

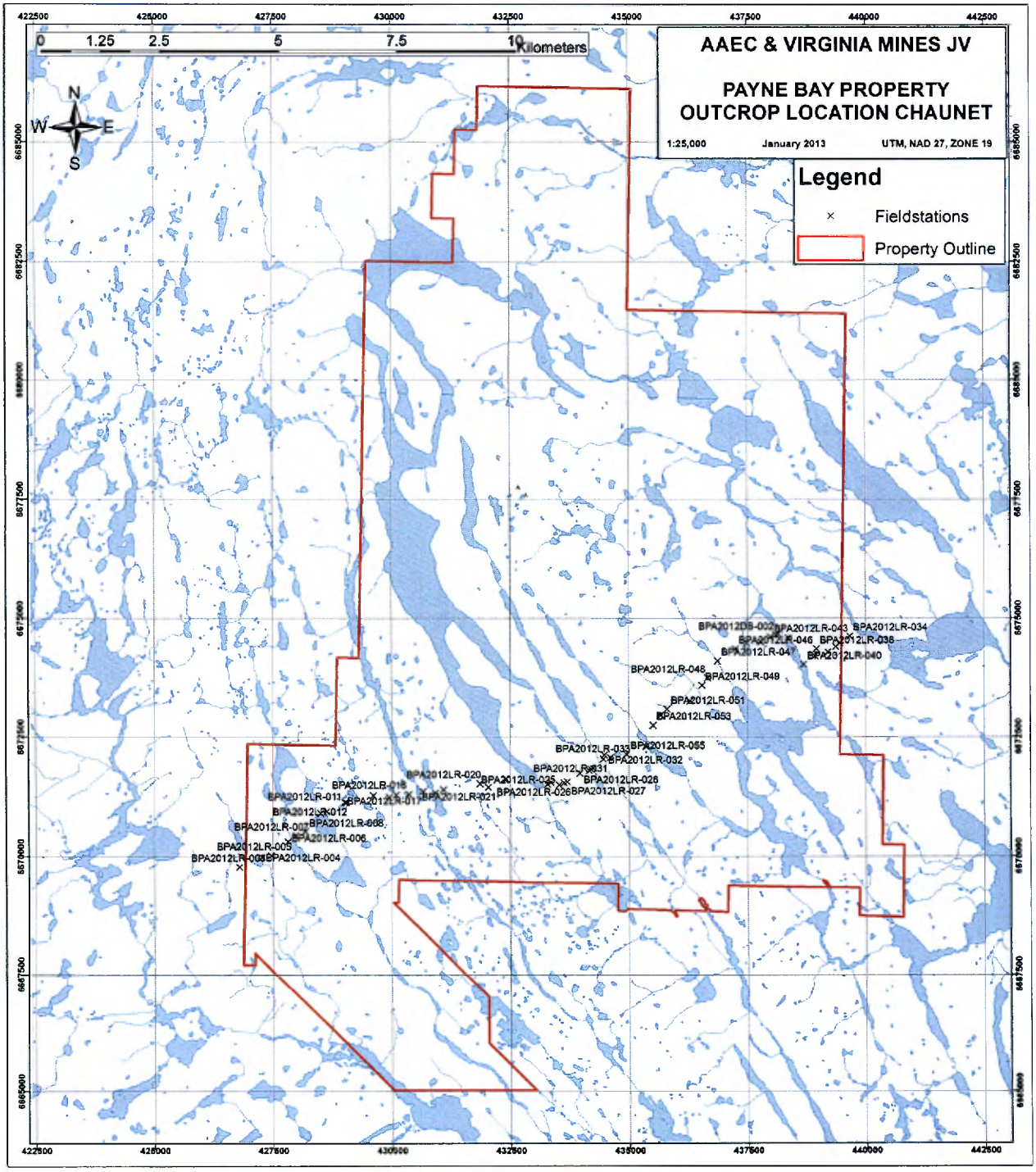


Figure 4. Outcrop location at Chaunet.

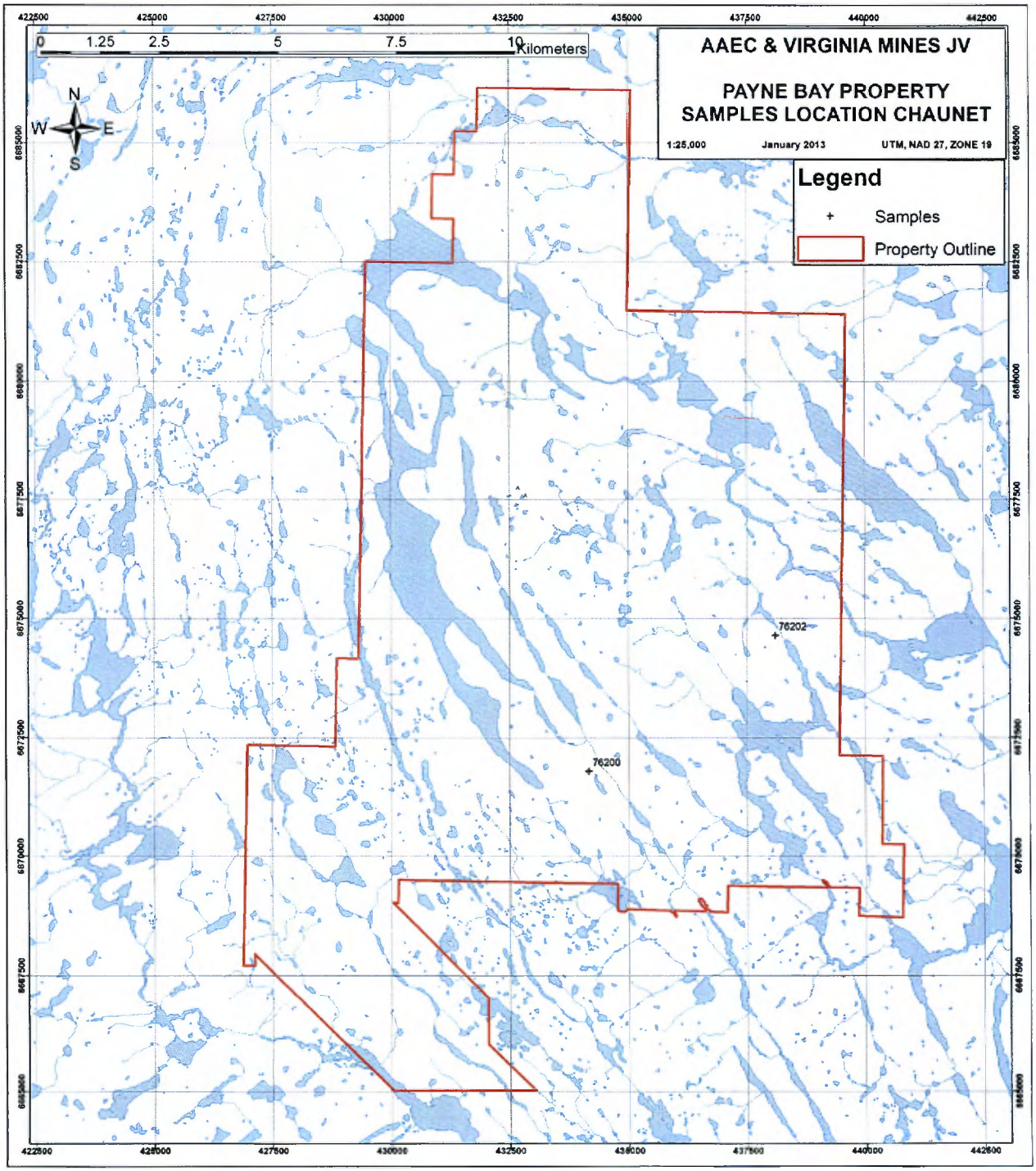


Figure 5. Sample location Chaunet.

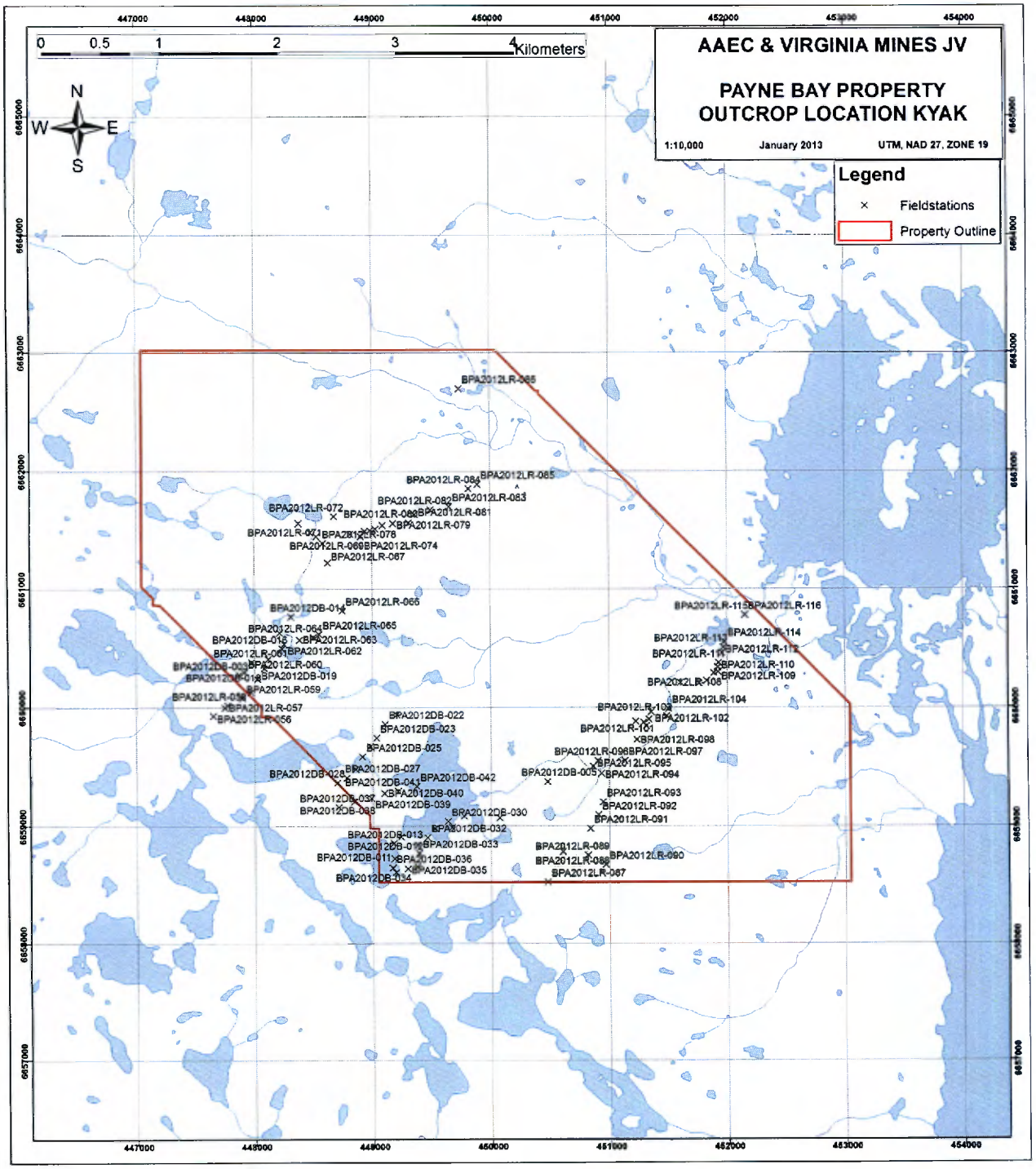


Figure 6. Outcrop location Kyak

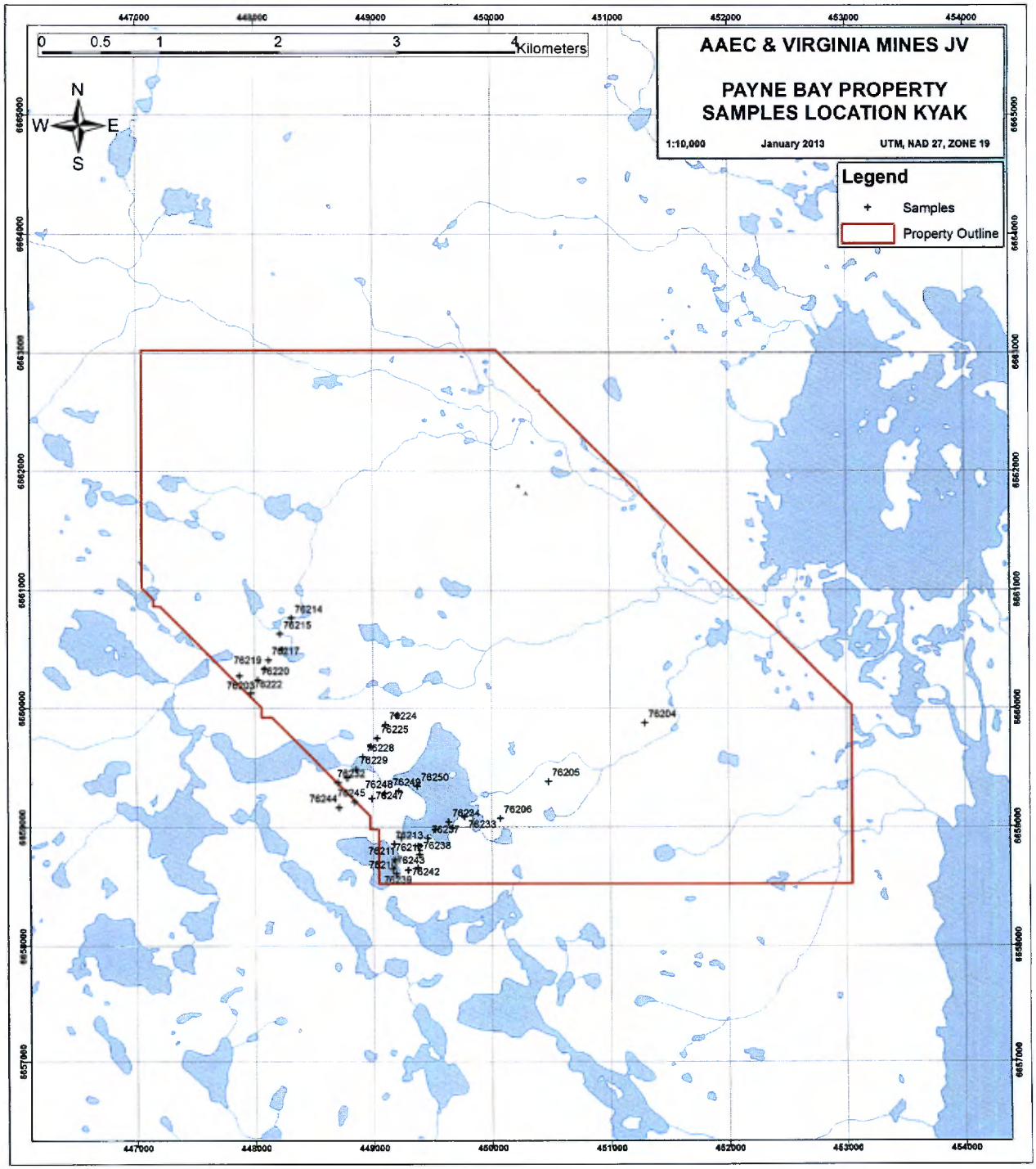


Figure 7. Sample location Kyak.

APPENDIX I: List of claims.

Claim No	Work requirement	Surface (ha)	Entry date	Expiration Date
1114963	$1,800.00	42.81	Jan 20, 2003	Jan 19, 2015
1114964	$1,800.00	42.81	Jan 20, 2003	Jan 19, 2015
1114970	$1,800.00	42.80	Jan 20, 2003	Jan 19, 2015
1114976	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015
1114979	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015
1114983	$1,800.00	42.78	Jan 20, 2003	Jan 19, 2015
1114986	$1,800.00	42.77	Jan 20, 2003	Jan 19, 2015
1114987	$1,800.00	42.77	Jan 20, 2003	Jan 19, 2015
1114988	$1,800.00	42.77	Jan 20, 2003	Jan 19, 2015
1114990	$1,800.00	42.76	Jan 20, 2003	Jan 19, 2015
1114991	$1,800.00	42.76	Jan 20, 2003	Jan 19, 2015
1114992	$1,800.00	42.76	Jan 20, 2003	Jan 19, 2015
1114993	$1,800.00	42.76	Jan 20, 2003	Jan 19, 2015
1114994	$1,800.00	42.76	Jan 20, 2003	Jan 19, 2015
1114995	$1,800.00	42.76	Jan 20, 2003	Jan 19, 2015
1114998	$1,800.00	42.75	Jan 20, 2003	Jan 19, 2015
1115000	$1,800.00	42.75	Jan 20, 2003	Jan 19, 2015
1115001	$1,800.00	42.75	Jan 20, 2003	Jan 19, 2015
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1115005	$1,800.00	25.68	Jan 20, 2003	Jan 19, 2015
1115006	$750.00	23.64	Jan 20, 2003	Jan 19, 2015
1115013	$1,800.00	42.93	Jan 20, 2003	Jan 19, 2015
1115015	$1,800.00	42.92	Jan 20, 2003	Jan 19, 2015
1115017	$1,800.00	42.92	Jan 20, 2003	Jan 19, 2015
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1115043	$1,800.00	42.82	Jan 20, 2003	Jan 19, 2015
2124085	$800.00	42.81	Sep 26, 2007	Sep 25, 2013
2124086	$800.00	42.81	Sep 26, 2007	Sep 25, 2013
2124087	$800.00	42.81	Sep 26, 2007	Sep 25, 2013
2124088	$800.00	42.80	Sep 26, 2007	Sep 25, 2013
2124090	$800.00	42.80	Sep 26, 2007	Sep 25, 2013

2124093	$800.00	42.80	Sep 26, 2007	Sep 25, 2013
2124096	$800.00	42.79	Sep 26, 2007	Sep 25, 2013
2124098	$800.00	42.78	Sep 26, 2007	Sep 25, 2013
2124100	$800.00	42.78	Sep 26, 2007	Sep 25, 2013
2124101	$800.00	42.78	Sep 26, 2007	Sep 25, 2013
2124102	$800.00	42.77	Sep 26, 2007	Sep 25, 2013
2124103	$800.00	42.77	Sep 26, 2007	Sep 25, 2013
2124104	$800.00	42.77	Sep 26, 2007	Sep 25, 2013
2124105	$800.00	42.76	Sep 26, 2007	Sep 25, 2013
2124106	$800.00	42.76	Sep 26, 2007	Sep 25, 2013
2124161	$800.00	42.93	Sep 26, 2007	Sep 25, 2013
2124162	$800.00	42.93	Sep 26, 2007	Sep 25, 2013
2124164	$800.00	42.92	Sep 26, 2007	Sep 25, 2013
2124166	$800.00	42.92	Sep 26, 2007	Sep 25, 2013
2124167	$800.00	42.92	Sep 26, 2007	Sep 25, 2013
2124169	$800.00	42.91	Sep 26, 2007	Sep 25, 2013
2124171	$800.00	42.91	Sep 26, 2007	Sep 25, 2013
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2124181	$800.00	42.90	Sep 26, 2007	Sep 25, 2013
2124184	$800.00	42.90	Sep 26, 2007	Sep 25, 2013
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2124192	$800.00	42.89	Sep 26, 2007	Sep 25, 2013
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2124196	$800.00	42.88	Sep 26, 2007	Sep 25, 2013
2124197	$800.00	42.88	Sep 26, 2007	Sep 25, 2013
2124198	$800.00	42.88	Sep 26, 2007	Sep 25, 2013
2124199	$800.00	42.88	Sep 26, 2007	Sep 25, 2013
2124200	$800.00	42.88	Sep 26, 2007	Sep 25, 2013
2124201	$800.00	42.88	Sep 26, 2007	Sep 25, 2013
2124202	$800.00	42.87	Sep 26, 2007	Sep 25, 2013
2124203	$800.00	42.87	Sep 26, 2007	Sep 25, 2013
2124204	$800.00	42.87	Sep 26, 2007	Sep 25, 2013
2124207	$800.00	42.87	Sep 26, 2007	Sep 25, 2013
2124209	$800.00	42.86	Sep 26, 2007	Sep 25, 2013
2124210	$800.00	42.86	Sep 26, 2007	Sep 25, 2013
2124211	$800.00	42.86	Sep 26, 2007	Sep 25, 2013
2124212	$800.00	42.86	Sep 26, 2007	Sep 25, 2013
2124213	$800.00	42.86	Sep 26, 2007	Sep 25, 2013
2124214	$800.00	42.86	Sep 26, 2007	Sep 25, 2013
2124215	$800.00	42.85	Sep 26, 2007	Sep 25, 2013
2124217	$800.00	42.85	Sep 26, 2007	Sep 25, 2013
2124218	$800.00	42.85	Sep 26, 2007	Sep 25, 2013

2124219	$800.00	42.85	Sep 26, 2007	Sep 25, 2013
2124221	$800.00	42.83	Sep 26, 2007	Sep 25, 2013
2124222	$800.00	42.83	Sep 26, 2007	Sep 25, 2013
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2124226	$800.00	42.82	Sep 26, 2007	Sep 25, 2013
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2124228	$800.00	42.82	Sep 26, 2007	Sep 25, 2013
2129127	$800.00	27.42	Oct 11, 2007	Oct 10, 2013
2129128	$800.00	27.70	Oct 11, 2007	Oct 10, 2013
2129129	$800.00	42.17	Oct 11, 2007	Oct 10, 2013
2171267	$800.00	42.98	Sep 09, 2008	Sep 08, 2014
2171268	$800.00	42.98	Sep 09, 2008	Sep 08, 2014
2171273	$800.00	42.96	Sep 09, 2008	Sep 08, 2014
2171274	$800.00	42.96	Sep 09, 2008	Sep 08, 2014
2171275	$800.00	42.96	Sep 09, 2008	Sep 08, 2014
2171277	$800.00	42.95	Sep 09, 2008	Sep 08, 2014
2171279	$800.00	42.95	Sep 09, 2008	Sep 08, 2014
2171280	$800.00	42.95	Sep 09, 2008	Sep 08, 2014
2171281	$800.00	42.95	Sep 09, 2008	Sep 08, 2014
2171282	$800.00	42.94	Sep 09, 2008	Sep 08, 2014
2171285	$800.00	42.94	Sep 09, 2008	Sep 08, 2014
2171286	$800.00	42.94	Sep 09, 2008	Sep 08, 2014
2171287	$800.00	42.93	Sep 09, 2008	Sep 08, 2014
2171288	$800.00	42.93	Sep 09, 2008	Sep 08, 2014
2171290	$800.00	42.93	Sep 09, 2008	Sep 08, 2014
2171291	$800.00	42.92	Sep 09, 2008	Sep 08, 2014
2171294	$800.00	35.40	Sep 09, 2008	Sep 08, 2014
2171295	$800.00	35.00	Sep 09, 2008	Sep 08, 2014
2171299	$320.00	19.66	Sep 09, 2008	Sep 08, 2014
2171300	$320.00	1.97	Sep 09, 2008	Sep 08, 2014
2171302	$800.00	27.89	Sep 09, 2008	Sep 08, 2014
2171303	$320.00	7.49	Sep 09, 2008	Sep 08, 2014
2171305	$800.00	29.62	Sep 09, 2008	Sep 08, 2014
2171307	$800.00	42.91	Sep 09, 2008	Sep 08, 2014
2171311	$800.00	30.07	Sep 09, 2008	Sep 08, 2014
2171312	$800.00	42.80	Sep 09, 2008	Sep 08, 2014
2171314	$800.00	28.37	Sep 09, 2008	Sep 08, 2014
2171315	$800.00	42.51	Sep 09, 2008	Sep 08, 2014
2171316	$800.00	42.94	Sep 09, 2008	Sep 08, 2014
2171317	$800.00	42.93	Sep 09, 2008	Sep 08, 2014
2171318	$800.00	42.92	Sep 09, 2008	Sep 08, 2014
2171321	$800.00	42.91	Sep 09, 2008	Sep 08, 2014
2171322	$800.00	42.91	Sep 09, 2008	Sep 08, 2014
2171323	$800.00	42.92	Sep 09, 2008	Sep 08, 2014
2171324	$800.00	42.92	Sep 09, 2008	Sep 08, 2014
2171325	$800.00	42.92	Sep 09, 2008	Sep 08, 2014
2171327	$800.00	42.93	Sep 09, 2008	Sep 08, 2014
2171328	$800.00	42.45	Sep 09, 2008	Sep 08, 2014

2171329	$320.00	6.48	Sep 09, 2008	Sep 08, 2014
2204060	$160.00	17.78	Feb 02, 2010	Feb 01, 2014
2204063	$160.00	20.34	Feb 02, 2010	Feb 01, 2014
2204064	$160.00	20.05	Feb 02, 2010	Feb 01, 2014
2204065	$160.00	19.77	Feb 02, 2010	Feb 01, 2014
2204067	$160.00	19.21	Feb 02, 2010	Feb 01, 2014
2204068	$160.00	14.81	Feb 02, 2010	Feb 01, 2014
2204070	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204071	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204072	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204073	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204074	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204075	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204076	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204077	$400.00	43.04	Feb 02, 2010	Feb 01, 2014
2204078	$400.00	43.04	Feb 02, 2010	Feb 01, 2014
2204079	$400.00	43.04	Feb 02, 2010	Feb 01, 2014
2204081	$400.00	43.04	Feb 02, 2010	Feb 01, 2014
2204082	$400.00	43.04	Feb 02, 2010	Feb 01, 2014
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2204096	$400.00	43.03	Feb 02, 2010	Feb 01, 2014
2204098	$400.00	43.02	Feb 02, 2010	Feb 01, 2014
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2204101	$400.00	43.02	Feb 02, 2010	Feb 01, 2014
2204102	$400.00	43.02	Feb 02, 2010	Feb 01, 2014
2204105	$400.00	31.47	Feb 02, 2010	Feb 01, 2014
2204108	$160.00	14.12	Feb 02, 2010	Feb 01, 2014
2204109	$160.00	14.42	Feb 02, 2010	Feb 01, 2014
2204111	$160.00	15.02	Feb 02, 2010	Feb 01, 2014
2204113	$160.00	15.62	Feb 02, 2010	Feb 01, 2014
2204114	$160.00	9.01	Feb 02, 2010	Feb 01, 2014
2204115	$160.00	6.94	Feb 02, 2010	Feb 01, 2014
2204116	$400.00	27.50	Feb 02, 2010	Feb 01, 2014
2204117	$400.00	32.84	Feb 02, 2010	Feb 01, 2014
2204119	$400.00	28.72	Feb 02, 2010	Feb 01, 2014
2204120	$160.00	8.81	Feb 02, 2010	Feb 01, 2014
2204121	$400.00	32.64	Feb 02, 2010	Feb 01, 2014
2204122	$160.00	11.70	Feb 02, 2010	Feb 01, 2014
2258958	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258959	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258960	$400.00	42.93	Nov 04, 2010	Nov 03, 2014

2258962	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258963	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258965	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258967	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258969	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258970	$400.00	42.92	Nov 04, 2010	Nov 03, 2014
2258972	$400.00	42.92	Nov 04, 2010	Nov 03, 2014
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2258984	$400.00	42.91	Nov 04, 2010	Nov 03, 2014
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2258996	$400.00	42.90	Nov 04, 2010	Nov 03, 2014
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2259002	$400.00	42.90	Nov 04, 2010	Nov 03, 2014
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2259007	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259010	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259019	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259021	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
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2259029	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
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2259031	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259033	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259034	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259035	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259037	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259038	$400.00	42.87	Nov 04, 2010	Nov 03, 2014

2259042	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259043	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259044	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259048	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259050	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
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2259056	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259057	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259058	$400.00	42.85	Nov 04, 2010	Nov 03, 2014
2259060	$400.00	42.85	Nov 04, 2010	Nov 03, 2014
2259062	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259065	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259066	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259068	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259069	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259071	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259075	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259080	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
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2259091	$400.00	42.82	Nov 04, 2010	Nov 03, 2014
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2259097	$400.00	42.82	Nov 04, 2010	Nov 03, 2014
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2259104	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259105	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259106	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259107	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259108	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259109	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259111	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
2259112	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
2259113	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
2259114	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
2259118	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
1114961	$1,800.00	42.81	Jan 20, 2003	Jan 19, 2015
1114967	$1,800.00	42.80	Jan 20, 2003	Jan 19, 2015
1114973	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015
1114975	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015

1114978	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015
1114981	$1,800.00	42.78	Jan 20, 2003	Jan 19, 2015
1114982	$1,800.00	42.78	Jan 20, 2003	Jan 19, 2015
1114989	$1,800.00	42.77	Jan 20, 2003	Jan 19, 2015
1114999	$1,800.00	42.75	Jan 20, 2003	Jan 19, 2015
1115004	$750.00	24.86	Jan 20, 2003	Jan 19, 2015
1115009	$1,800.00	42.93	Jan 20, 2003	Jan 19, 2015
1115011	$1,800.00	42.93	Jan 20, 2003	Jan 19, 2015
1115012	$1,800.00	42.93	Jan 20, 2003	Jan 19, 2015
1115026	$1,800.00	42.91	Jan 20, 2003	Jan 19, 2015
1115027	$1,800.00	42.91	Jan 20, 2003	Jan 19, 2015
1115034	$1,800.00	42.87	Jan 20, 2003	Jan 19, 2015
2124081	$800.00	42.81	Sep 26, 2007	Sep 25, 2013
2124083	$800.00	42.81	Sep 26, 2007	Sep 25, 2013
2124089	$800.00	42.80	Sep 26, 2007	Sep 25, 2013
2124095	$800.00	42.79	Sep 26, 2007	Sep 25, 2013
2124097	$800.00	42.79	Sep 26, 2007	Sep 25, 2013
2124163	$800.00	42.93	Sep 26, 2007	Sep 25, 2013
2124170	$800.00	42.91	Sep 26, 2007	Sep 25, 2013
2124174	$800.00	42.90	Sep 26, 2007	Sep 25, 2013
2124185	$800.00	42.89	Sep 26, 2007	Sep 25, 2013
2124188	$800.00	42.89	Sep 26, 2007	Sep 25, 2013
2124191	$800.00	42.89	Sep 26, 2007	Sep 25, 2013
2124193	$800.00	42.89	Sep 26, 2007	Sep 25, 2013
2124205	$800.00	42.87	Sep 26, 2007	Sep 25, 2013
2124224	$800.00	42.83	Sep 26, 2007	Sep 25, 2013
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2171270	$800.00	42.98	Sep 09, 2008	Sep 08, 2014
2171272	$800.00	42.96	Sep 09, 2008	Sep 08, 2014
2171276	$800.00	42.96	Sep 09, 2008	Sep 08, 2014
2171283	$800.00	42.94	Sep 09, 2008	Sep 08, 2014
2171289	$800.00	42.93	Sep 09, 2008	Sep 08, 2014
2171292	$800.00	42.92	Sep 09, 2008	Sep 08, 2014
2171301	$800.00	42.42	Sep 09, 2008	Sep 08, 2014
2171310	$320.00	3.56	Sep 09, 2008	Sep 08, 2014
2171313	$320.00	7.91	Sep 09, 2008	Sep 08, 2014
2171320	$800.00	42.91	Sep 09, 2008	Sep 08, 2014
2204080	$400.00	43.04	Feb 02, 2010	Feb 01, 2014
2204097	$160.00	11.12	Feb 02, 2010	Feb 01, 2014
2204099	$400.00	43.02	Feb 02, 2010	Feb 01, 2014
2204103	$400.00	43.02	Feb 02, 2010	Feb 01, 2014
2204107	$160.00	3.86	Feb 02, 2010	Feb 01, 2014
2204110	$160.00	14.72	Feb 02, 2010	Feb 01, 2014
2204118	$160.00	7.98	Feb 02, 2010	Feb 01, 2014
2258978	$400.00	42.92	Nov 04, 2010	Nov 03, 2014
2258987	$400.00	42.91	Nov 04, 2010	Nov 03, 2014
2259000	$400.00	42.90	Nov 04, 2010	Nov 03, 2014
2259006	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259011	$400.00	42.89	Nov 04, 2010	Nov 03, 2014

2259013	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259016	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259026	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259027	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259028	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259039	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259063	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259076	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259077	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259088	$400.00	42.82	Nov 04, 2010	Nov 03, 2014
2259090	$400.00	42.82	Nov 04, 2010	Nov 03, 2014
2259103	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
1114966	$1,800.00	42.80	Jan 20, 2003	Jan 19, 2015
1114969	$1,800.00	42.80	Jan 20, 2003	Jan 19, 2015
1114971	$1,800.00	42.80	Jan 20, 2003	Jan 19, 2015
1114972	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015
1114980	$1,800.00	42.78	Jan 20, 2003	Jan 19, 2015
1114984	$1,800.00	42.77	Jan 20, 2003	Jan 19, 2015
1114997	$1,800.00	42.75	Jan 20, 2003	Jan 19, 2015
1115008	$1,800.00	42.93	Jan 20, 2003	Jan 19, 2015
1115010	$1,800.00	42.93	Jan 20, 2003	Jan 19, 2015
1115016	$1,800.00	42.92	Jan 20, 2003	Jan 19, 2015
1115019	$1,800.00	42.92	Jan 20, 2003	Jan 19, 2015
1115028	$1,800.00	42.91	Jan 20, 2003	Jan 19, 2015
1115031	$1,800.00	42.88	Jan 20, 2003	Jan 19, 2015
1115037	$1,800.00	42.85	Jan 20, 2003	Jan 19, 2015
2124082	$800.00	42.81	Sep 26, 2007	Sep 25, 2013
2124084	$800.00	42.81	Sep 26, 2007	Sep 25, 2013
2124091	$800.00	42.80	Sep 26, 2007	Sep 25, 2013
2124099	$800.00	42.78	Sep 26, 2007	Sep 25, 2013
2124165	$800.00	42.92	Sep 26, 2007	Sep 25, 2013
2124168	$800.00	42.91	Sep 26, 2007	Sep 25, 2013
2124175	$800.00	42.90	Sep 26, 2007	Sep 25, 2013
2124177	$800.00	42.90	Sep 26, 2007	Sep 25, 2013
2124182	$800.00	42.90	Sep 26, 2007	Sep 25, 2013
2124183	$800.00	42.90	Sep 26, 2007	Sep 25, 2013
2124187	$800.00	42.89	Sep 26, 2007	Sep 25, 2013
2124208	$800.00	42.86	Sep 26, 2007	Sep 25, 2013
2124229	$800.00	42.82	Sep 26, 2007	Sep 25, 2013
2171271	$800.00	42.98	Sep 09, 2008	Sep 08, 2014
2171296	$800.00	34.59	Sep 09, 2008	Sep 08, 2014
2171304	$800.00	42.74	Sep 09, 2008	Sep 08, 2014
2204061	$160.00	20.92	Feb 02, 2010	Feb 01, 2014
2204062	$160.00	20.63	Feb 02, 2010	Feb 01, 2014
2204069	$400.00	43.05	Feb 02, 2010	Feb 01, 2014
2204083	$400.00	43.04	Feb 02, 2010	Feb 01, 2014
2204087	$160.00	11.56	Feb 02, 2010	Feb 01, 2014
2204089	$400.00	43.03	Feb 02, 2010	Feb 01, 2014
2204106	$160.00	10.55	Feb 02, 2010	Feb 01, 2014

2204112	$160.00	15.32	Feb 02, 2010	Feb 01, 2014
2258961	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258968	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258971	$400.00	42.92	Nov 04, 2010	Nov 03, 2014
2258975	$400.00	42.92	Nov 04, 2010	Nov 03, 2014
2259012	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259015	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259018	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259020	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259045	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259046	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259047	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259064	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259067	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259074	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259081	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259086	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259098	$400.00	42.82	Nov 04, 2010	Nov 03, 2014
2259100	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259110	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
2259116	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
2259117	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
1114962	$1,800.00	42.81	Jan 20, 2003	Jan 19, 2015
1114965	$1,800.00	42.81	Jan 20, 2003	Jan 19, 2015
1114968	$1,800.00	42.80	Jan 20, 2003	Jan 19, 2015
1114974	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015
1114977	$1,800.00	42.79	Jan 20, 2003	Jan 19, 2015
1114985	$1,800.00	42.77	Jan 20, 2003	Jan 19, 2015
1114996	$1,800.00	42.75	Jan 20, 2003	Jan 19, 2015
1115002	$1,800.00	42.75	Jan 20, 2003	Jan 19, 2015
1115007	$1,800.00	25.02	Jan 20, 2003	Jan 19, 2015
1115014	$1,800.00	42.93	Jan 20, 2003	Jan 19, 2015
1115021	$1,800.00	42.92	Jan 20, 2003	Jan 19, 2015
1115032	$1,800.00	42.88	Jan 20, 2003	Jan 19, 2015
1115033	$1,800.00	42.87	Jan 20, 2003	Jan 19, 2015
1115040	$1,800.00	42.83	Jan 20, 2003	Jan 19, 2015
2124092	$800.00	42.80	Sep 26, 2007	Sep 25, 2013
2124094	$800.00	42.79	Sep 26, 2007	Sep 25, 2013
2124172	$800.00	42.91	Sep 26, 2007	Sep 25, 2013
2124206	$800.00	42.87	Sep 26, 2007	Sep 25, 2013
2124216	$800.00	42.85	Sep 26, 2007	Sep 25, 2013
2124220	$800.00	42.83	Sep 26, 2007	Sep 25, 2013
2124230	$800.00	42.82	Sep 26, 2007	Sep 25, 2013
2171266	$320.00	6.10	Sep 09, 2008	Sep 08, 2014
2171278	$800.00	42.95	Sep 09, 2008	Sep 08, 2014
2171284	$800.00	42.94	Sep 09, 2008	Sep 08, 2014
2171293	$800.00	26.17	Sep 09, 2008	Sep 08, 2014
2171297	$800.00	34.19	Sep 09, 2008	Sep 08, 2014
2171298	$800.00	33.52	Sep 09, 2008	Sep 08, 2014

2171306	$320.00	9.06	Sep 09, 2008	Sep 08, 2014
2171308	$800.00	40.01	Sep 09, 2008	Sep 08, 2014
2171309	$320.00	13.40	Sep 09, 2008	Sep 08, 2014
2171319	$800.00	42.91	Sep 09, 2008	Sep 08, 2014
2171326	$800.00	42.93	Sep 09, 2008	Sep 08, 2014
2204066	$160.00	19.49	Feb 02, 2010	Feb 01, 2014
2204086	$400.00	33.75	Feb 02, 2010	Feb 01, 2014
2204104	$400.00	43.02	Feb 02, 2010	Feb 01, 2014
2258964	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258966	$400.00	42.93	Nov 04, 2010	Nov 03, 2014
2258977	$400.00	42.92	Nov 04, 2010	Nov 03, 2014
2258998	$400.00	42.90	Nov 04, 2010	Nov 03, 2014
2259008	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259009	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259014	$400.00	42.89	Nov 04, 2010	Nov 03, 2014
2259017	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259023	$400.00	42.88	Nov 04, 2010	Nov 03, 2014
2259032	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259036	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259040	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259041	$400.00	42.87	Nov 04, 2010	Nov 03, 2014
2259049	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259054	$400.00	42.86	Nov 04, 2010	Nov 03, 2014
2259059	$400.00	42.85	Nov 04, 2010	Nov 03, 2014
2259061	$400.00	42.85	Nov 04, 2010	Nov 03, 2014
2259070	$400.00	42.84	Nov 04, 2010	Nov 03, 2014
2259072	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259073	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259078	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259079	$400.00	42.83	Nov 04, 2010	Nov 03, 2014
2259092	$400.00	42.82	Nov 04, 2010	Nov 03, 2014
2259101	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259102	$400.00	42.81	Nov 04, 2010	Nov 03, 2014
2259115	$400.00	42.80	Nov 04, 2010	Nov 03, 2014
2259119	$400.00	42.80	Nov 04, 2010	Nov 03, 2014

APPENDIX II: Description of 2012 Outcrops and Boulders.

Occurrence Type	Identification	X_UTM (Nad 27)	Y_UTM (Nad 27)	Litho code	Litho Desc	Texture_Code	Mineralogy (%)
Outcrop	BPA2012DB-001	434169	6671782	I4B	Pyroxenite	GM	PX (75) PG (25)
Outcrop	BPA2012DB-002	438104	6674637	V3B	Basalt	GF	PX (60) PG (40)
Outcrop	BPA2012DB-003	447874	6660273	I3A (I3Q)	Gabbro (Gabbronorite)	GF LX	PG (50) PX (30) AM (20)
Outcrop	BPA2012DB-004	451294	6659871	I4I	Peridotite	CU/CM	OV (50) PX (35) PG (15)
Outcrop	BPA2012DB-005	450480	6659375	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (55) PG (30) AM (15)
Outcrop	BPA2012DB-006	450073	6659068	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PG (50) PX (40) AM (10)
Outcrop	BPA2012DB-007	449669	6658987	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) PG (40) AM (10)
Outcrop	BPA2012DB-008	449373	6658650	I3A (I3Q)	Gabbro (Gabbronorite)	GG	PG (50) PX (40) AM (10)
Outcrop	BPA2012DB-009	449379	6658836	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (40) PG (40) AM (20)
Outcrop	BPA2012DB-010	449194	6658602	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (55) PG (25) AM (20)
Outcrop	BPA2012DB-011	449181	6658719	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (40) PG (40) AM (20)
Outcrop	BPA2012DB-012	449237	6658905	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) PG (30) AM (20)
Outcrop	BPA2012DB-013	449176	6658851	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PG (50) PX (30) AM (20)
Outcrop	BPA2012DB-014	448313	6660763	I3A (I3Q)	Gabbro (Gabbronorite)	GM FO	PX (60) PG (30) AM (10)
Outcrop	BPA2012DB-015	448217	6660628	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (55) PG (35) AM (10)
Outcrop	BPA2012DB-016	448237	6660494	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) AM (30) PG (20)
Outcrop	BPA2012DB-017	448118	6660406	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (60) AM (20) PG (20)
Outcrop	BPA2012DB-018	448085	6660329	I3A (I3Q)	Gabbro (Gabbronorite)	GF	PX (60) PG (30) AM (10)
Outcrop	BPA2012DB-019	448029	6660238	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) PG (40) AM (10)
Outcrop	BPA2012DB-020	447971	6660128	I3A (I3Q)	Gabbro (Gabbronorite)	GF	PX (40) PG (40) AM (20)
Outcrop	BPA2012DB-021	449205	6659937	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (45) PG (35) AM (20)
Outcrop	BPA2012DB-022	449106	6659855	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (40) PG (40) AM (20)
Outcrop	BPA2012DB-023	449034	6659741	I3A (I3Q)	Gabbro (Gabbronorite)	GF	PX (45) PG (35) AM (20)
Outcrop	BPA2012DB-024	448981	6659669	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (60) PG (25) AM (15)
Outcrop	BPA2012DB-025	448913	6659582	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (60) PG (25) AM (15)
Outcrop	BPA2012DB-026	448856	6659478	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) PG (30) AM (20)
Outcrop	BPA2012DB-027	448780	6659409	I3A (I3Q)	Gabbro (Gabbronorite)	GF	PX (40) PG (40) AM (20)

Occurrence Type	Identification	X_UTM (Nad 27)	Y_UTM (Nad 27)	Litho code	Litho Desc	Texture_Code	Mineralogy (%)
Outcrop	BPA2012DB-028	448701	6659368	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PG (45) PX (40) AM (15)
Outcrop	BPA2012DB-029	449771	6659083	I3A/I3B (I3Q)	Gabbro/Diabase (Gabbronorite)	GF	PX (60) PG (20) AM (20)
Outcrop	BPA2012DB-030	449636	6659037	I3K (I3R)	Gabbro à olivine (Gabbronorite à olivine)	GM	PX (40) PG (35) AM (20) OV (5)
Outcrop	BPA2012DB-031	449525	6658977	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) PG (40) MG (10)
Outcrop	BPA2012DB-032	449460	6658900	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PG (50) PX (40) AM (10)
Outcrop	BPA2012DB-033	449389	6658766	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PG (55) PX (30) AM (15)
Outcrop	BPA2012DB-034	449292	6658632	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (60) PG (40)
Outcrop	BPA2012DB-035	449292	6658632	I3K (I3R)	Gabbro à olivine (Gabbronorite à olivine)	GM	PG (65) PX (25) OV (10)
Outcrop	BPA2012DB-036	449166	6658640	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PG (50) PX (40) AM (10)
Outcrop	BPA2012DB-037	448712	6659160	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (60) PG (40)
Outcrop	BPA2012DB-038	448844	6659208	I3K (I3R)	Gabbro à olivine (Gabbronorite à olivine)	GM	PX (50) PG (35) AM (10) OV (5)
Outcrop	BPA2012DB-039	448988	6659235	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (60) PG (40)
Outcrop	BPA2012DB-040	449097	6659279	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PG (60) PX (30) AM (10)
Outcrop	BPA2012DB-041	449214	6659297	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) PG (40) AM (10)
Outcrop	BPA2012DB-042	449371	6659336	I3A (I3Q)	Gabbro (Gabbronorite)	GM	PX (50) PG (40) AM (10)

APPENDIX III: Description of 2012 structural mapping.

Occurrence Type	Identification	X_UTM (Nad 83)	Y_UTM (Nad 83)	S_gen	S_type	Strike	Dip	Dip_dir	Litho_desc
outcrop	BPA2012LR-001	443727	6653682	S0	bedding	308	36	38	basalt 1
outcrop	BPA2012LR-001	443727	6653682	S1	cleavage	320	42	50	
outcrop	BPA2012LR-001	443727	6653682	Sv2	vein - qtz	236	52	326	
outcrop	BPA2012LR-001	443727	6653682	Sv1	vein - qtz	296	56	386	
outcrop	BPA2012LR-001	443727	6653682	Sv1	vein - qtz	146	56	236	
outcrop	BPA2012LR-001	443727	6653682	S1	cleavage	290	60	20	
outcrop	BPA2012LR-002	443746	6653718	S0	bedding	316	48	66	basalt 1
outcrop	BPA2012LR-002	443746	6653718	S0	bedding	306	15	36	
outcrop	BPA2012LR-002	443746	6653718	S1	cleavage	306	64	36	
outcrop	BPA2012LR-003	426801	6669975	S0	bedding	306	48	36	basalt 1
outcrop	BPA2012LR-003	426801	6669975	S2	cleavage	304	68	34	
outcrop	BPA2012LR-004	427271	6670173	S0	bedding	342	64	72	basalt 1
outcrop	BPA2012LR-004	427271	6670173	S1	cleavage	312	70	42	
outcrop	BPA2012LR-005	427464	6670217	S0	bedding	84	68	174	basalt 1
outcrop	BPA2012LR-005	427464	6670217	S1	cleavage	316	66	46	
outcrop	BPA2012LR-006	427821	6670504	S0	bedding	84	70	174	basalt 1
outcrop	BPA2012LR-006	427821	6670504	S1	cleavage	316	70	46	
outcrop	BPA2012LR-007	427987	6670630	S0	sill layering	140	85	230	peridotite
outcrop	BPA2012LR-008	428186	6670719	S0	sill layering	92	80	182	peridotite
outcrop	BPA2012LR-009	428511	6671097	S1	cleavage	320	70	50	basalt 1
outcrop	BPA2012LR-010	428638	6671132	Sm	mylonite foliation	290	66	20	basalt 4
outcrop	BPA2012LR-011	429021	6671322	S0/1	composite layering	316	64	46	basalt 1
outcrop	BPA2012LR-012	429047	6671326	Sv1	vein - qtz	336	68	66	basalt 1
outcrop	BPA2012LR-013	429621	6671464	S0/1	composite layering	308	65	38	basalt 1
outcrop	BPA2012LR-014	429955	6671430	S0/1	composite layering	310	72	40	basalt 1
outcrop	BPA2012LR-015	430102	6671475	S1	cleavage	296	45	26	
outcrop	BPA2012LR-015	430102	6671475	S0	bedding	90	75	180	basalt 1

Occurrence Type	Identification	X_UTM (Nad 83)	Y_UTM (Nad 83)	S_gen	S_type	Strike	Dip	Dip_dir	Litho_desc
outcrop	BPA2012LR-016	430369	6671492	S0	bedding	298	50	28	basalt 3
outcrop	BPA2012LR-017	430669	6671546	S0	bedding	280	80	10	basalt 2
outcrop	BPA2012LR-017	430669	6671546	S1	cleavage	306	80	36	
outcrop	BPA2012LR-018	430926	6671516	S0	bedding	70	70	160	basalt 3
outcrop	BPA2012LR-018	430926	6671516	S0	bedding	350	35	80	
outcrop	BPA2012LR-019	431102	6671584	Sm	mylonite foliation	336	40	66	basalt 3
outcrop	BPA2012LR-019	431102	6671584	S1	cleavage	308	42	38	
outcrop	BPA2012LR-020	431868	6671715	Sv1	vein - qtz	268	88	358	basalt 2
outcrop	BPA2012LR-021	432047	6671634	S1	axial plane	278	70	8	basalt 2
outcrop	BPA2012LR-022	432422	6671811	S0	bedding	285	60	15	basalt 3
outcrop	BPA2012LR-022	432422	6671811	S1	cleavage	290	88	20	
outcrop	BPA2012LR-022	432422	6671811	Sjt	joint	40	90	130	
outcrop	BPA2012LR-023	433288	6671699	S0	sill layering	315	50	45	gabbro - leuco
outcrop	BPA2012LR-024	433365	6671739						basalt 2
outcrop	BPA2012LR-025	433535	6671686	S2	cleavage	304	90	34	anorthosite
outcrop	BPA2012LR-026	433638	6671730						gabbro - leuco
outcrop	BPA2012LR-027	433710	6671752	S0	bedding	342	40	72	basalt 2
outcrop	BPA2012LR-028	433977	6671927	Sfr	fracture zone	60	90	150	basalt 2
outcrop	BPA2012LR-029	434216	6672012	S0	sill layering	145	70	235	pyroxenite
outcrop	BPA2012LR-030	434252	6672039	S0	sill layering	145	70	235	pyroxenite
outcrop	BPA2012LR-031	434473	6672226						peridotite
outcrop	BPA2012LR-032	434492	6672311	S0	sill layering	320	50	50	pyroxenite
outcrop	BPA2012LR-033	434618	6672256	S0	sill layering	110	40	200	pyroxenite
outcrop	BPA2012LR-034	439670	6674818	S0	bedding	148	18	238	basalt 1
outcrop	BPA2012LR-034	439670	6674818	S1	cleavage	316	14	46	
outcrop	BPA2012LR-034	439670	6674818	S2	cleavage	322	72	52	
outcrop	BPA2012LR-035	439465	6674678	S0	bedding	126	40	216	basalt 3
outcrop	BPA2012LR-035	439465	6674678	S2	cleavage	135	86	225	basalt 3

Occurrence Type	Identification	X_UTM (Nad 83)	Y_UTM (Nad 83)	S_gen	S_type	Strike	Dip	Dip_dir	Litho_desc
outcrop	BPA2012LR-036	439374	6674598	S0	bedding	136	60	226	
outcrop	BPA2012LR-036	439374	6674598	S1	cleavage	110	42	200	
outcrop	BPA2012LR-036	439374	6674598	S2	cleavage	158	80	248	
outcrop	BPA2012LR-037	439210	6674480	S0	bedding	110	65	200	basalt 3
outcrop	BPA2012LR-037	439210	6674480	S1	cleavage	170	40	260	
outcrop	BPA2012LR-037	439210	6674480	S2	cleavage	128	78	218	
outcrop	BPA2012LR-038	438964	6674550	S0	bedding	110	40	200	basalt 3
outcrop	BPA2012LR-038	438964	6674550	S2	cleavage	110	78	200	
outcrop	BPA2012LR-039	438932	6674402	S0	bedding	75	50	165	basalt 3
outcrop	BPA2012LR-039	438932	6674402	S2	cleavage	320	90	50	
outcrop	BPA2012LR-039	438932	6674402	S2	cleavage	320	90	50	
outcrop	BPA2012LR-040	438695	6674221	S0	bedding	75	25	165	basalt 2
outcrop	BPA2012LR-041	438373	6674778	S0	bedding	238	41	328	basalt 3
outcrop	BPA2012LR-041	438373	6674778	S1	cleavage	330	40	60	
outcrop	BPA2012LR-041	438373	6674778	S2	cleavage	322	90	52	
outcrop	BPA2012LR-042	438151	6674867						basalt 3
outcrop	BPA2012LR-043	437994	6674796	S0	bedding	140	35	230	basalt 2
outcrop	BPA2012LR-044	437788	6674700	S0	bedding	336	35	66	basalt 3
outcrop	BPA2012LR-045	437492	6674674	S0	bedding	350	40	80	basalt 2
outcrop	BPA2012LR-045	437492	6674674	S2	cleavage	338	75	68	
outcrop	BPA2012LR-046	437251	6674545	S0	bedding	230	50	320	basalt 3
outcrop	BPA2012LR-046	437251	6674545	S2	cleavage	306	80	36	
outcrop	BPA2012LR-047	436879	6674293	S0	bedding	315	55	45	basalt 2
outcrop	BPA2012LR-048	436670	6673933	S0	bedding	90	30	180	basalt 3
outcrop	BPA2012LR-049	436547	6673778	S0	bedding	340	74	70	basalt 3
outcrop	BPA2012LR-050	436293	6673445	S0	bedding	55	75	145	basalt 3
outcrop	BPA2012LR-050	436293	6673445	S2	cleavage	318	65	58	
outcrop	BPA2012LR-051	435813	6673280	S0	bedding	320	85	50	basalt 3

Occurrence Type	Identification	X_UTM (Nad 83)	Y_UTM (Nad 83)	S_gen	S_type	Strike	Dip	Dip_dir	Litho_desc
outcrop	BPA2012LR-052	435675	6673153	S0	bedding	325	85	55	basalt 2
outcrop	BPA2012LR-053	435518	6672939	S0	bedding	326	85	56	basalt 3
outcrop	BPA2012LR-054	435368	6672485	S0	bedding	95	25	185	basalt 2
outcrop	BPA2012LR-055	434962	6672325	S0	bedding	330	80	60	basalt 3
outcrop	BPA2012LR-056	447655	6660132	S0	magmatic layering?	310	76	40	gabbro - mela
outcrop	BPA2012LR-057	447754	6660200	S0	magmatic layering?	328	85	58	gabbro
outcrop	BPA2012LR-057	447754	6660200	Sf	fault	285	90	15	
boulders	BPA2012LR-058	447777	6660222						gabbro
outcrop	BPA2012LR-059	447904	6660284						gabbro - leuco
outcrop	BPA2012LR-060	447920	6660503						gabbro - leuco
outcrop	BPA2012LR-061	447979	6660588	S0	magmatic layering?	334	82	64	gabbro - mela
outcrop	BPA2012LR-062	448256	6660739	S0	magmatic layering?	30	80	120	gabbro
outcrop	BPA2012LR-063	448385	6660773	S0	magmatic layering?	275	85	5	gabbro
outcrop	BPA2012LR-064	448504	6660796	S0	magmatic layering?	278	88	8	gabbro
outcrop	BPA2012LR-065	448551	6660820	S0	magmatic layering?	282	86	12	gabbro
outcrop	BPA2012LR-066	448748	6661019	S0	magmatic layering?	314	62	44	gabbro - mela
outcrop	BPA2012LR-067	448627	6661429	S0	magmatic layering?	260	75	350	gabbro
outcrop	BPA2012LR-068	448587	6661595	S0	magmatic layering?	50	70	140	gabbro
outcrop	BPA2012LR-069	448529	6661654						gabbro - mela
outcrop	BPA2012LR-070	448479	6661687						gabbro
outcrop	BPA2012LR-071	448381	6661767	S0	sill layering	350	70	80	ol-pyroxenite
outcrop	BPA2012LR-072	448680	6661824	S0/1	shear banding	45	75	135	gabbro
outcrop	BPA2012LR-073	448817	6661674	S1	shear banding	306	80	66	gabbro
outcrop	BPA2012LR-074	448906	6661654	S0	magmatic layering?	80	15	170	gabbro
outcrop	BPA2012LR-075	448942	6661696	S0	sill layering	105	70	195	ol-pyroxenite
outcrop	BPA2012LR-076	448986	6661705	S0	sill layering	140	50	230	ol-pyroxenite
outcrop	BPA2012LR-077	449030	6661717						ol-pyroxenite
outcrop	BPA2012LR-078	449092	6661749	S0	magmatic layering?	35	15	125	gabbro

Occurrence Type	Identification	X_UTM (Nad 83)	Y_UTM (Nad 83)	S_gen	S_type	Strike	Dip	Dip_dir	Litho_desc
outcrop	BPA2012LR-079	449181	6661764	S0	sill layering	65	35	155	ol-pyroxenite
outcrop	BPA2012LR-080	449312	6661769						ol-pyroxenite
outcrop	BPA2012LR-081	449364	6661839	S0	magmatic layering?	105	30	195	ol-pyroxenite
outcrop	BPA2012LR-082	449497	6661878	S1	foliation	132	80	222	gabbro
outcrop	BPA2012LR-083	449655	6661904	S0	magmatic layering?	255	70	345	gabbro - leuco
outcrop	BPA2012LR-084	449820	6662056						gabbro
outcrop	BPA2012LR-085	449897	6662091	S0	magmatic layering?	255	70	345	gabbro
outcrop	BPA2012LR-086	449742	6662899	Sm	mylonite foliation	295	82	25	q-f mylonite
outcrop	BPA2012LR-087	450479	6658726	S0/1	magmatic layering?	310	90	40	gabbro
outcrop	BPA2012LR-088	450608	6658984	S0/1	magmatic layering?	315	85	45	gabbro - mela
outcrop	BPA2012LR-089	450822	6658954	S0/1	magmatic layering?	325	68	55	gabbro - leuco
outcrop	BPA2012LR-090	450971	6658875	S0	magmatic layering?	310	55	40	gabbro
outcrop	BPA2012LR-091	450841	6659183						gabbro
outcrop	BPA2012LR-092	450911	6659299	S0/1	magmatic layering?	116	82	206	gabbro
outcrop	BPA2012LR-092	450911	6659299	S2	fracture cleavage	320	90	50	gabbro - leuco
outcrop	BPA2012LR-093	450951	6659409	S0/1	magmatic layering?	302	90	32	gabbro - leuco
outcrop	BPA2012LR-094	450937	6659650	S1	foliation	85	70	175	gabbro - mela
outcrop	BPA2012LR-095	450868	6659708	S0/1	magmatic layering?	322	75	52	gabbro
outcrop	BPA2012LR-096	450907	6659754	S0	magmatic layering?	314	86	44	gabbro
outcrop	BPA2012LR-096	450907	6659754	Sf2	fault	275	35	5	
outcrop	BPA2012LR-097	451136	6659754	S0	magmatic layering?	324	76	54	gabbro
outcrop	BPA2012LR-097	451136	6659754	Sf2	fault	200	35	290	
outcrop	BPA2012LR-098	451237	6659933						gabbro
outcrop	BPA2012LR-099	451319	6660046	S0	contact	285	72	15	ol-pyroxenite
outcrop	BPA2012LR-100	451229	6660085	S0	magmatic layering?	240	82	330	gabbro
outcrop	BPA2012LR-101	451340	6660101	S0	sill layering	290	70	20	peridotite
outcrop	BPA2012LR-102	451359	6660163	S0	sill layering	0	70	90	peridotite
outcrop	BPA2012LR-103	451490	6660129	S0	contact	355	80	85	ol-pyroxenite

Occurrence Type	Identification	X_UTM (Nad 83)	Y_UTM (Nad 83)	S_gen	S_type	Strike	Dip	Dip_dir	Litho_desc
outcrop	BPA2012LR-104	451506	6660191	S0	contact	340	70	70	ol-pyroxenite
outcrop	BPA2012LR-105	451607	6660412						gabbro
outcrop	BPA2012LR-106	451764	6660406	S0	magmatic layering?	30	40	120	gabbro - mela
outcrop	BPA2012LR-107	451831	6660428	S0	magmatic layering?	320	50	50	gabbro - leuco
outcrop	BPA2012LR-107	451831	6660428	Ss	shear banding	70	90	160	gabbro - leuco
outcrop	BPA2012LR-108	451892	6660493	S0	magmatic layering?	325	70	55	gabbro
outcrop	BPA2012LR-109	451926	6660504	Sfr	fracture zone	62	90	152	gabbro - mela
outcrop	BPA2012LR-110	451924	6660542	S0	contact	290	75	20	gabbro - mela
outcrop	BPA2012LR-111	451931	6660579	Sm	mylonite foliation	310	58	40	mylonite
outcrop	BPA2012LR-112	451959	6660662	Sm	mylonite foliation	240	65	330	mylonite
outcrop	BPA2012LR-113	451972	6660710						gabbro
outcrop	BPA2012LR-114	451979	6660754	Sm	mylonite foliation	308	84	38	mylonite
outcrop	BPA2012LR-115	452154	6660980	Sm	mylonite foliation	306	80	36	mylonite
outcrop	BPA2012LR-116	452154	6660980	S0/1	foliation	312	70	45	basalt 2

APPENDIX IV: Location of 2012 grab samples.

Occurrence Type	Identification	Sample 1 #	S1 (X_UTM)	S1 (Y_UTM)	Lab	Rock type
Outcrop	BPA2012DB-001	76200	434169	6671782	Acme	Pyroxenite
QC	Standard	76201			Acme	Oreas 24P
Outcrop	BPA2012DB-002	76202	438104	6674637	Acme	Basalt
Outcrop	BPA2012DB-003	76203	447874	6660273	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-004	76204	451294	6659871	Acme	Peridotite
Outcrop	BPA2012DB-005	76205	450480	6659375	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-006	76206	450073	6659068	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-007	76207	449669	6658987	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-008	76208	449373	6658650	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-009	76209	449379	6658836	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-010	76210	449194	6658602	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-011	76211	449181	6658719	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-012	76212	449237	6658905	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-013	76213	449176	6658851	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-014	76214	448313	6660763	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-015	76215	448217	6660628	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-016	76216	448237	6660494	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-017	76217	448118	6660406	Acme	Gabbro (Gabbronorite)
QC	Prep Duplicate	76218			Acme	Prep of 76217
Outcrop	BPA2012DB-018	76219	448085	6660329	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-019	76220	448029	6660238	Acme	Gabbro (Gabbronorite)
QC	Standard	76221			Acme	OREAS 13P
Outcrop	BPA2012DB-020	76222	447971	6660128	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-021	76223	449205	6659937	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-022	76224	449106	6659855	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-023	76225	449034	6659741	Acme	Gabbro (Gabbronorite)
QC	Blank	76226			Acme	
Outcrop	BPA2012DB-024	76227	448981	6659669	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-025	76228	448913	6659582	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-026	76229	448856	6659478	Acme	Gabbro (Gabbronorite)
QC	Field Duplicate	76230			Acme	Dup of 76229
Outcrop	BPA2012DB-027	76231	448780	6659409	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-028	76232	448701	6659368	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-029	76233	449771	6659083	Acme	Gabbro/Diabase (Gabbronorite)
Outcrop	BPA2012DB-030	76234	449636	6659037	Acme	Gabbro à olivine (Gabbronorite à olivine)
QC	Prep Duplicate	76235			Acme	Prep of 76234
Outcrop	BPA2012DB-031	76236	449525	6658977	Acme	Gabbro (Gabbronorite)

Occurrence Type	Identification	Sample 1 #	S1 (X_UTM)	S1 (Y_UTM)	Lab	Rock type
Outcrop	BPA2012DB-032	76237	449460	6658900	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-033	76238	449389	6658766	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-034	76239	449292	6658632	Acme	Gabbro (Gabbronorite)
QC	Blank	76240			Acme	
QC	Standard	76241			Acme	OREAS 13P
Outcrop	BPA2012DB-035	76242	449292	6658632	Acme	Gabbro à olivine (Gabbronorite à olivine)
Outcrop	BPA2012DB-036	76243	449166	6658640	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-037	76244	448712	6659160	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-038	76245	448844	6659208	Acme	Gabbro à olivine (Gabbronorite à olivine)
QC	Field Duplicate	76246			Acme	Dup of 76245
Outcrop	BPA2012DB-039	76247	448988	6659235	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-040	76248	449097	6659279	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-041	76249	449214	6659297	Acme	Gabbro (Gabbronorite)
Outcrop	BPA2012DB-042	76250	449371	6659336	Acme	Gabbro (Gabbronorite)

APPENDIX V: Certificates of analyses

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: ANGLO AMERICAN EXPLORATION (CANADA) LTD.
800 - 700 W PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 16- OCT- 2012
This copy reported on 31- JAN- 2013
Account: ANGAME

CERTIFICATE VO12218825

Project: 2419

P.O. No.: 2012PB001

This report is for 125 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14- SEP- 2012.

The following have access to data associated with this certificate:

JOHN BARR SEFIKA LESNIKOV	CHRISTIAN IHLENFELD	MARC- ANTOINE LAPORTE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate
LOG- 24	Pulp Login - Rcd w/o Barcode
CRU- 31	Fine crushing - 70% < 2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP81	ICP Fusion - Ore Grade	ICP- AES

To: ANGLO AMERICAN EXPLORATION (CANADA) LTD.
ATTN: MARC- ANTOINE LAPORTE
5237 BOUL WILFRID- HAMEL SUITE 280
QUEBEC QC G2E 2H2

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 16- OCT- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method	WEI- 21	ME- ICP81	ME- ICP81	ME- ICP81	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.	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01	0.01
PB86751		0.11	13.60	<0.01	7.60	0.016	0.03	0.033	9.45	13.50	0.6	6.65	0.14	0.714	<0.01	1.67
PB86752		1.14	0.17	<0.01	52.0	<0.002	<0.01	<0.005	0.22	0.32	0.1	2.15	0.02	<0.005	<0.01	<0.01
PB86753		1.39	2.09	<0.01	1.74	0.021	0.34	0.166	9.89	14.15	0.1	32.0	0.16	0.507	<0.01	1.67
PB86754		1.80	1.55	<0.01	1.05	0.024	0.34	0.202	10.80	15.45	<0.1	33.5	0.15	0.593	<0.01	1.92
PB86755		1.60	1.71	<0.01	1.09	0.025	0.37	0.202	11.15	15.95	<0.1	33.0	0.15	0.628	<0.01	2.23
PB86756		1.46	3.28	0.01	1.72	0.025	0.29	0.396	11.05	15.80	0.1	30.7	0.17	0.616	0.01	2.26
PB86757		1.92	1.54	<0.01	0.81	0.025	0.37	0.161	11.35	16.25	<0.1	33.4	0.15	0.587	<0.01	2.01
PB86758		1.99	1.93	<0.01	1.34	0.022	0.44	0.249	10.85	15.50	<0.1	33.7	0.15	0.498	<0.01	1.86
PB86759		0.81	1.36	<0.01	0.76	0.028	0.33	0.243	11.55	16.50	<0.1	33.2	0.16	0.647	<0.01	2.44
PB86760		1.67	2.70	<0.01	2.86	0.019	0.33	0.141	9.34	13.35	0.1	32.1	0.15	0.409	<0.01	1.38
PB86761		2.03	4.13	0.01	4.49	0.016	0.28	0.134	8.04	11.50	<0.1	29.5	0.17	0.403	<0.01	1.06
PB86762		1.09	0.19	<0.01	52.5	<0.002	<0.01	<0.005	0.18	0.26	0.1	3.01	0.01	<0.005	<0.01	<0.01
PB86763		2.21	3.30	<0.01	4.46	0.015	0.36	0.101	8.00	11.45	0.1	30.6	0.15	0.278	<0.01	0.78
PB86764		2.20	1.75	<0.01	1.32	0.021	0.42	0.144	9.27	13.25	<0.1	34.2	0.14	0.503	<0.01	1.49
PB86765		1.13	2.51	0.01	1.50	0.019	0.40	0.180	8.62	12.35	0.1	34.5	0.15	0.390	<0.01	1.23
PB86766		1.26	2.48	0.01	1.98	0.019	0.39	0.184	8.52	12.20	0.1	33.9	0.15	0.372	<0.01	1.16
PB86767		2.39	1.81	0.01	2.28	0.018	0.41	0.114	8.44	12.05	<0.1	34.3	0.14	0.353	<0.01	1.08
PB86768		<0.02	1.76	0.01	2.22	0.016	0.40	0.114	8.34	11.90	0.1	33.5	0.14	0.347	<0.01	1.06
PB86769		2.28	1.51	<0.01	1.13	0.020	0.42	0.179	9.33	13.35	<0.1	34.4	0.16	0.486	<0.01	1.54
PB86770		1.56	1.77	<0.01	2.02	0.019	0.40	0.235	9.09	13.00	<0.1	33.6	0.14	0.514	<0.01	1.51
PB86771		2.15	1.46	<0.01	0.93	0.022	0.43	0.280	9.57	13.70	<0.1	34.5	0.15	0.518	<0.01	1.87
PB86772		0.08	13.50	<0.01	8.04	0.017	0.03	0.040	9.40	13.45	0.6	6.57	0.14	0.698	<0.01	1.67
PB86773		2.00	1.38	<0.01	0.63	0.024	0.42	0.189	10.10	14.40	<0.1	34.6	0.15	0.579	<0.01	2.01
PB86774		2.31	1.32	<0.01	0.75	0.023	0.42	0.405	10.05	14.35	<0.1	34.0	0.14	0.578	<0.01	2.30
PB86775		1.71	2.74	<0.01	1.10	0.022	0.40	0.212	10.10	14.40	<0.1	33.0	0.16	0.518	<0.01	1.92
PB86776		1.29	2.95	<0.01	2.21	0.021	0.37	0.316	9.62	13.75	<0.1	32.2	0.16	0.475	<0.01	1.57
PB86777		2.10	1.42	<0.01	0.83	0.024	0.42	0.259	10.30	14.75	<0.1	33.9	0.15	0.556	<0.01	2.00
PB86778		2.00	1.65	<0.01	1.80	0.025	0.41	0.197	9.80	14.00	<0.1	33.6	0.16	0.576	<0.01	1.89
PB86779		1.00	1.43	<0.01	5.93	0.020	0.37	0.179	8.03	11.50	<0.1	31.7	0.13	0.472	<0.01	1.26
PB86780		1.32	1.34	<0.01	1.14	0.024	0.41	0.133	9.59	13.70	<0.1	34.4	0.14	0.558	<0.01	1.51
PB86781		1.40	1.32	<0.01	0.11	0.025	0.44	0.308	10.05	14.35	<0.1	35.2	0.15	0.580	<0.01	1.74
PB86782		0.08	13.55	<0.01	8.12	0.017	0.03	0.032	9.54	13.65	0.5	6.62	0.14	0.707	<0.01	1.69
PB86783		1.39	1.27	<0.01	2.67	0.023	0.39	0.297	9.35	13.35	<0.1	33.3	0.14	0.519	<0.01	1.83
PB86784		2.19	1.85	<0.01	0.65	0.024	0.42	0.209	9.47	13.55	<0.1	34.2	0.17	0.494	<0.01	1.53
PB86785		1.82	1.48	<0.01	0.90	0.025	0.41	0.136	9.57	13.70	<0.1	34.5	0.15	0.505	<0.01	2.01
PB86786		1.07	0.17	<0.01	52.3	<0.002	0.01	0.006	0.23	0.33	<0.1	2.45	0.02	<0.005	<0.01	0.02
PB86787		1.57	1.59	<0.01	5.40	0.018	0.37	0.225	8.06	11.50	<0.1	32.2	0.14	0.381	<0.01	1.30
PB86788		1.97	1.46	<0.01	0.73	0.022	0.41	0.182	9.38	13.40	<0.1	34.5	0.16	0.436	<0.01	1.47
PB86789		2.12	1.50	<0.01	1.56	0.023	0.41	0.200	9.42	13.45	<0.1	33.7	0.16	0.475	0.01	1.46
PB86790		2.31	1.34	<0.01	1.31	0.024	0.41	0.170	9.62	13.75	<0.1	33.8	0.16	0.523	<0.01	1.83

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Finalized Date: 16- OCT- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method / Analyte / Units / LOR	ME- ICP81 SiO2 % 0.2	ME- ICP81 TiO2 % 0.01	ME- ICP81 Zn % 0.01	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
PB86751		48.4	1.68	0.01	0.005	0.034	0.037
PB86752		5.1	0.01	<0.01	0.001	<0.005	0.001
PB86753		36.2	0.08	0.01	0.019	0.019	0.025
PB86754		33.1	0.07	0.01	0.014	0.021	0.031
PB86755		34.3	0.07	0.01	0.012	0.068	0.021
PB86756		34.1	0.22	0.03	0.017	0.037	0.015
PB86757		33.2	0.06	0.01	0.011	0.008	0.019
PB86758		34.0	0.07	0.01	0.009	0.013	0.017
PB86759		32.6	0.06	0.01	0.010	0.007	0.004
PB86760		37.3	0.10	0.01	0.006	0.010	0.017
PB86761		38.5	0.28	0.01	0.008	0.013	0.017
PB86762		5.3	0.01	<0.01	<0.001	<0.005	<0.001
PB86763		40.2	0.15	0.01	0.014	0.019	0.011
PB86764		34.9	0.07	0.01	0.013	0.023	0.018
PB86765		36.3	0.09	0.01	0.028	0.013	0.016
PB86766		35.6	0.09	0.01	0.014	0.006	0.014
PB86767		36.3	0.08	0.01	0.008	<0.005	0.014
PB86768		35.6	0.08	0.01	0.009	0.025	0.011
PB86769		35.0	0.06	0.02	0.009	0.013	0.012
PB86770		34.0	0.06	0.01	0.011	0.030	0.014
PB86771		34.3	0.05	0.01	0.010	0.037	0.016
PB86772		49.7	1.68	0.02	0.004	0.034	0.036
PB86773		33.6	0.05	0.01	0.010	0.019	0.018
PB86774		33.4	0.05	0.01	0.015	0.031	0.018
PB86775		35.6	0.20	0.01	0.009	0.009	0.007
PB86776		34.2	0.36	0.01	0.010	0.012	0.010
PB86777		33.6	0.07	0.01	0.009	0.019	0.017
PB86778		34.2	0.08	0.01	0.008	0.019	0.023
PB86779		31.2	0.05	0.01	0.013	0.013	0.014
PB86780		34.2	0.05	0.01	0.005	0.010	0.009
PB86781		34.3	0.06	0.01	0.015	0.024	0.025
PB86782		49.8	1.69	0.01	0.005	0.031	0.038
PB86783		32.5	0.05	0.01	0.012	<0.005	0.018
PB86784		35.4	0.06	0.01	0.009	0.023	0.011
PB86785		33.4	0.06	0.01	0.007	0.021	0.009
PB86786		4.7	0.01	<0.01	<0.001	<0.005	<0.001
PB86787		32.6	0.06	0.01	0.008	0.015	0.009
PB86788		35.4	0.06	0.01	0.009	0.013	0.006
PB86789		35.0	0.06	0.01	0.013	0.009	0.015
PB86790		34.4	0.06	0.01	0.009	0.008	0.018

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Finalized Date: 16- OCT- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method	WEI- 21	ME- ICP81	ME- ICP81	ME- ICP81	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.	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01	0.01
PB86791		1.05	1.99	<0.01	1.76	0.023	0.39	0.116	8.95	12.80	<0.1	34.0	0.15	0.451	<0.01	1.32
PB86792		1.33	1.93	<0.01	1.30	0.022	0.40	0.107	9.22	13.20	<0.1	34.4	0.15	0.449	<0.01	1.26
PB86793		2.21	1.44	<0.01	0.48	0.025	0.43	0.175	9.78	14.00	<0.1	35.1	0.14	0.622	<0.01	1.93
PB86794		<0.02	1.46	<0.01	0.44	0.025	0.43	0.172	9.86	14.10	<0.1	35.0	0.14	0.609	<0.01	1.88
PB86795		2.18	1.14	<0.01	0.26	0.025	0.44	0.182	10.05	14.35	<0.1	35.1	0.13	0.639	<0.01	2.23
PB86796		1.43	1.50	<0.01	0.67	0.024	0.40	0.247	9.54	13.65	<0.1	32.3	0.12	0.625	<0.01	2.09
PB86797		2.06	1.57	<0.01	0.15	0.026	0.43	0.191	9.90	14.15	<0.1	34.7	0.14	0.662	<0.01	2.24
PB86798		1.68	1.31	<0.01	0.23	0.024	0.43	0.401	10.05	14.35	<0.1	34.9	0.13	0.575	<0.01	2.29
PB86799		2.17	1.52	<0.01	0.71	0.025	0.41	0.262	9.68	13.85	<0.1	34.5	0.13	0.593	<0.01	2.13
PB86800		0.79	2.41	<0.01	0.60	0.023	0.40	0.170	9.20	13.15	<0.1	34.4	0.14	0.519	<0.01	1.75
PB86801		1.32	2.02	<0.01	0.74	0.025	0.42	0.285	9.65	13.80	<0.1	34.6	0.14	0.605	<0.01	1.90
PB86802		2.11	1.23	<0.01	0.23	0.026	0.45	0.258	10.15	14.55	<0.1	34.9	0.13	0.596	<0.01	2.14
PB86803		<0.02	1.24	<0.01	0.23	0.025	0.45	0.257	10.25	14.65	<0.1	35.0	0.13	0.607	<0.01	2.09
PB86804		2.13	1.16	<0.01	0.09	0.027	0.44	0.132	10.40	14.85	<0.1	35.1	0.13	0.659	<0.01	2.22
PB86805		2.10	1.36	<0.01	0.69	0.027	0.43	0.319	9.95	14.25	<0.1	34.4	0.13	0.603	<0.01	2.09
PB86806		1.87	1.14	<0.01	1.24	0.024	0.43	0.335	9.83	14.05	<0.1	34.6	0.13	0.526	<0.01	2.20
PB86807		2.20	1.16	<0.01	0.77	0.024	0.43	0.373	10.05	14.40	<0.1	34.8	0.13	0.547	<0.01	2.33
PB86808		1.06	0.11	<0.01	51.1	0.002	0.01	<0.005	0.19	0.26	<0.1	2.74	0.02	<0.005	<0.01	0.01
PB86809		2.30	1.45	<0.01	0.50	0.024	0.44	0.251	10.05	14.40	<0.1	34.8	0.14	0.550	<0.01	2.14
PB86810		1.32	2.17	<0.01	0.57	0.024	0.43	0.222	9.59	13.70	<0.1	33.9	0.14	0.517	<0.01	2.00
PB86811		2.07	2.03	<0.01	0.23	0.025	0.44	0.235	9.91	14.15	<0.1	34.5	0.14	0.557	<0.01	2.00
PB86812		2.05	2.68	<0.01	1.12	0.021	0.42	0.143	8.81	12.60	0.1	33.1	0.15	0.407	<0.01	1.09
PB86813		1.79	2.72	<0.01	1.07	0.021	0.43	0.154	8.59	12.30	<0.1	33.8	0.15	0.406	<0.01	1.25
PB86814		1.90	2.83	<0.01	0.95	0.019	0.41	0.139	8.28	11.85	<0.1	34.2	0.14	0.349	<0.01	1.08
PB86815		0.08	13.55	<0.01	8.01	0.017	0.03	0.033	9.45	13.50	0.6	6.62	0.14	0.707	<0.01	1.68
PB86816		2.23	1.82	<0.01	0.94	0.023	0.42	0.157	9.17	13.10	<0.1	34.3	0.15	0.445	<0.01	1.51
PB86817		2.37	2.47	<0.01	1.39	0.020	0.42	0.097	8.36	11.95	<0.1	34.2	0.15	0.354	<0.01	1.20
PB86818		2.25	2.02	<0.01	0.76	0.022	0.43	0.131	9.36	13.40	<0.1	35.0	0.14	0.484	<0.01	1.72
PB86819		2.04	2.00	<0.01	0.54	0.025	0.43	0.189	9.89	14.15	<0.1	34.4	0.15	0.564	<0.01	1.86
PB86820		2.31	2.82	<0.01	0.55	0.022	0.40	0.193	9.57	13.70	<0.1	33.6	0.16	0.549	<0.01	1.89
PB86821		2.24	2.29	<0.01	0.67	0.021	0.42	0.117	8.94	12.80	<0.1	34.4	0.14	0.455	<0.01	1.49
PB86822		2.06	2.36	<0.01	1.43	0.019	0.42	0.142	8.46	12.10	<0.1	33.5	0.14	0.415	<0.01	1.39
PB86823		2.29	2.79	<0.01	1.94	0.017	0.42	0.163	7.93	11.35	<0.1	33.7	0.13	0.325	<0.01	1.07
PB86824		2.39	2.83	<0.01	1.35	0.018	0.42	0.124	7.88	11.25	<0.1	34.3	0.15	0.350	<0.01	1.06
PB86825		2.22	2.67	0.01	0.91	0.017	0.41	0.097	7.59	10.85	<0.1	34.6	0.15	0.312	<0.01	0.89
PB86826		1.00	2.91	<0.01	0.63	0.017	0.40	0.131	7.82	11.20	<0.1	34.5	0.14	0.346	<0.01	1.03
PB86827		1.11	2.59	<0.01	0.55	0.019	0.42	0.137	8.02	11.45	<0.1	35.0	0.14	0.373	<0.01	1.08
PB86828		2.06	2.15	<0.01	0.99	0.021	0.42	0.128	8.38	12.00	<0.1	34.1	0.14	0.413	<0.01	1.17
PB86829		<0.02	2.14	<0.01	0.92	0.020	0.41	0.124	8.29	11.85	<0.1	33.7	0.13	0.409	<0.01	1.13
PB86830		1.78	2.72	<0.01	0.52	0.020	0.42	0.099	8.76	12.50	0.1	33.7	0.15	0.419	<0.01	1.23

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CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method / Analyte / Units / LOR	ME- ICP81 SiO2 % 0.2	ME- ICP81 TiO2 % 0.01	ME- ICP81 Zn % 0.01	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
PB86791		34.1	0.08	0.01	0.007	<0.005	0.011
PB86792		35.2	0.08	0.01	0.011	<0.005	0.009
PB86793		33.6	0.05	0.01	0.008	0.022	0.020
PB86794		33.5	0.05	0.01	0.012	0.007	0.017
PB86795		33.0	0.04	0.01	0.012	<0.005	0.018
PB86796		30.4	0.06	0.01	0.031	0.016	0.032
PB86797		32.7	0.08	0.01	0.018	0.033	0.023
PB86798		32.6	0.05	0.01	0.025	0.012	0.015
PB86799		32.7	0.04	0.01	0.015	0.014	0.011
PB86800		33.5	0.07	0.01	0.012	0.080	0.005
PB86801		33.4	0.07	0.01	0.009	0.044	0.006
PB86802		33.3	0.04	0.01	0.017	0.014	0.029
PB86803		33.5	0.04	0.01	0.017	0.015	0.026
PB86804		32.6	0.05	0.01	0.010	0.010	0.018
PB86805		32.6	0.07	0.01	0.010	0.017	0.013
PB86806		32.5	0.05	0.01	0.011	0.011	0.016
PB86807		32.5	0.05	0.01	0.013	0.015	0.018
PB86808		4.3	0.01	<0.01	0.002	<0.005	<0.001
PB86809		32.8	0.09	0.02	0.014	0.013	0.017
PB86810		33.3	0.11	0.02	0.014	0.008	0.012
PB86811		33.9	0.12	0.02	0.016	0.013	0.010
PB86812		35.8	0.08	0.01	0.020	0.020	0.011
PB86813		35.6	0.07	0.01	0.011	0.017	0.009
PB86814		34.7	0.05	0.01	0.009	0.014	0.007
PB86815		49.6	1.69	0.01	0.004	0.038	0.039
PB86816		34.6	0.06	0.01	0.010	0.014	0.014
PB86817		35.2	0.06	0.01	0.010	0.008	0.011
PB86818		34.5	0.05	0.01	0.010	0.008	0.019
PB86819		34.2	0.10	0.01	0.035	0.014	0.015
PB86820		34.0	0.10	0.01	0.012	0.012	0.009
PB86821		34.8	0.06	0.01	0.009	0.008	0.013
PB86822		34.5	0.07	0.01	0.017	0.012	0.014
PB86823		35.5	0.05	0.01	0.010	0.010	0.011
PB86824		36.3	0.05	0.01	0.012	0.007	0.010
PB86825		35.1	0.06	0.01	0.012	0.009	0.009
PB86826		35.1	0.07	0.01	0.010	0.012	0.012
PB86827		35.4	0.05	0.01	0.010	0.014	0.010
PB86828		35.7	0.06	0.01	0.010	0.016	0.015
PB86829		35.0	0.06	0.01	0.011	0.018	0.014
PB86830		35.4	0.10	0.01	0.010	0.014	0.014

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CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method	WEI- 21	ME- ICP81	ME- ICP81	ME- ICP81	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.	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01	0.01
PB86831		1.60	1.49	<0.01	0.31	0.025	0.44	0.107	9.49	13.55	<0.1	34.4	0.13	0.503	<0.01	1.69
PB86832		0.08	12.95	<0.01	7.62	0.015	0.03	0.032	9.09	13.00	0.5	6.38	0.14	0.692	<0.01	1.69
PB86833		1.52	1.43	<0.01	0.29	0.023	0.43	0.132	9.19	13.15	<0.1	34.5	0.14	0.468	<0.01	1.36
PB86834		1.66	1.52	<0.01	0.25	0.021	0.43	0.119	8.90	12.75	<0.1	34.9	0.13	0.428	<0.01	1.47
PB86835		1.44	1.34	<0.01	0.27	0.022	0.45	0.173	9.25	13.20	<0.1	35.0	0.14	0.446	<0.01	1.68
PB86836		1.73	1.64	<0.01	0.86	0.023	0.44	0.110	9.41	13.45	<0.1	33.5	0.15	0.458	<0.01	1.70
PB86837		1.57	2.42	<0.01	0.46	0.021	0.40	0.257	8.93	12.75	<0.1	34.2	0.16	0.401	<0.01	1.54
PB86838		1.68	2.68	<0.01	0.83	0.020	0.39	0.158	8.36	11.95	0.1	33.4	0.15	0.341	<0.01	0.91
PB86839		1.09	0.14	<0.01	52.7	<0.002	0.01	<0.005	0.14	0.19	<0.1	2.08	0.01	<0.005	<0.01	<0.01
PB86840		1.52	1.88	<0.01	0.66	0.019	0.42	0.146	8.73	12.50	<0.1	34.8	0.14	0.366	<0.01	1.15
PB86841		2.10	1.55	<0.01	0.84	0.022	0.41	0.133	9.20	13.15	<0.1	34.4	0.14	0.464	<0.01	1.58
PB86842		1.80	2.57	<0.01	1.33	0.019	0.37	0.140	8.75	12.50	<0.1	33.0	0.15	0.371	<0.01	1.21
PB86843		1.71	1.81	<0.01	1.36	0.021	0.40	0.157	8.98	12.85	<0.1	33.5	0.14	0.417	<0.01	1.48
PB86844		1.97	1.79	0.01	1.88	0.021	0.39	0.146	8.75	12.50	<0.1	33.2	0.14	0.434	<0.01	1.46
PB86845		1.32	1.95	<0.01	2.42	0.021	0.38	0.123	8.45	12.10	<0.1	33.1	0.14	0.440	<0.01	1.41
PB86846		1.15	1.86	<0.01	2.21	0.020	0.38	0.124	8.43	12.05	<0.1	33.0	0.14	0.444	<0.01	1.42
PB86847		2.30	1.68	<0.01	1.89	0.025	0.40	0.151	9.51	13.60	<0.1	33.5	0.14	0.586	<0.01	1.91
PB86848		0.08	13.75	<0.01	8.19	0.017	0.03	0.033	9.40	13.45	0.6	6.66	0.14	0.691	<0.01	1.66
PB86849		2.47	2.08	<0.01	2.84	0.019	0.37	0.224	8.21	11.75	<0.1	32.5	0.15	0.371	<0.01	1.34
PB86850		2.39	1.86	<0.01	2.31	0.021	0.39	0.185	8.72	12.45	<0.1	33.2	0.13	0.421	<0.01	1.66
PB86851		2.08	3.38	<0.01	3.65	0.019	0.35	0.138	8.10	11.60	<0.1	31.2	0.14	0.376	<0.01	1.29
PB86852		2.01	3.23	<0.01	1.35	0.017	0.36	0.148	8.26	11.80	0.1	33.3	0.14	0.338	<0.01	1.12
PB86853		<0.02	3.20	<0.01	1.30	0.019	0.36	0.152	8.13	11.65	0.1	33.2	0.14	0.342	<0.01	1.07
PB86854		2.46	1.64	<0.01	0.61	0.020	0.40	0.123	8.77	12.55	<0.1	35.1	0.14	0.410	<0.01	1.24
PB86855		1.17	2.55	0.01	0.82	0.018	0.41	0.109	8.06	11.50	<0.1	35.6	0.14	0.376	<0.01	0.95
PB86856		1.07	2.42	<0.01	0.83	0.018	0.41	0.121	8.06	11.55	<0.1	35.0	0.14	0.387	<0.01	1.02
PB86857		2.17	1.95	<0.01	0.88	0.022	0.41	0.138	8.76	12.55	<0.1	34.8	0.14	0.462	<0.01	1.44
PB86858		2.33	1.67	0.01	1.26	0.021	0.41	0.123	8.95	12.80	<0.1	34.9	0.13	0.472	<0.01	1.53
PB86859		1.05	0.15	<0.01	52.7	0.002	0.01	<0.005	0.18	0.26	<0.1	2.44	0.01	<0.005	<0.01	<0.01
PB86860		2.27	2.73	<0.01	2.13	0.018	0.40	0.109	7.87	11.25	<0.1	33.8	0.14	0.333	<0.01	0.95
PB86861		2.02	1.87	<0.01	2.61	0.019	0.39	0.131	8.25	11.80	<0.1	33.3	0.13	0.398	<0.01	1.21
PB86862		1.69	2.03	<0.01	3.21	0.019	0.40	0.137	8.17	11.70	<0.1	32.9	0.14	0.395	<0.01	1.32
PB86863		1.18	0.13	<0.01	50.9	<0.002	<0.01	<0.005	0.14	0.21	<0.1	2.78	0.02	<0.005	<0.01	<0.01
PB86864		1.98	1.78	<0.01	3.37	0.020	0.39	0.135	8.73	12.50	<0.1	33.1	0.13	0.418	<0.01	1.41
PB86865		1.96	1.56	<0.01	2.18	0.023	0.41	0.168	9.06	12.95	<0.1	33.6	0.14	0.470	<0.01	1.63
PB86866		1.60	1.56	<0.01	1.62	0.023	0.43	0.119	9.20	13.15	<0.1	33.6	0.13	0.477	<0.01	1.72
PB86867		1.13	0.17	<0.01	50.9	<0.002	0.01	<0.005	0.12	0.17	0.1	3.41	0.01	<0.005	<0.01	0.01
PB86868		0.08	13.50	<0.01	7.44	0.016	0.03	0.032	9.17	13.10	0.6	6.45	0.14	0.680	<0.01	1.70
PB86869		1.84	1.83	<0.01	1.72	0.024	0.43	0.116	9.06	12.95	<0.1	34.2	0.13	0.472	<0.01	1.58
PB86870		2.13	2.39	<0.01	2.85	0.022	0.42	0.134	8.73	12.50	<0.1	33.5	0.13	0.460	<0.01	1.61

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Finalized Date: 16- OCT- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method	ME- ICP81	ME- ICP81	ME- ICP81	PGM- ICP23	PGM- ICP23	PGM- ICP23
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd
	Units	%	%	%	ppm	ppm	ppm
	LOR	0.2	0.01	0.01	0.001	0.005	0.001
PB86831		34.6	0.06	0.01	0.009	0.011	0.017
PB86832		47.6	1.60	0.01	0.009	0.040	0.039
PB86833		34.6	0.06	0.01	0.012	0.007	0.012
PB86834		34.4	0.07	0.01	0.010	0.019	0.025
PB86835		34.3	0.06	0.01	0.011	0.014	0.015
PB86836		34.7	0.07	0.01	0.009	0.013	0.016
PB86837		34.6	0.11	0.01	0.013	0.016	0.008
PB86838		36.1	0.10	0.01	0.044	0.018	0.013
PB86839		4.4	0.01	<0.01	0.002	<0.005	0.001
PB86840		35.0	0.06	0.01	0.010	0.008	0.014
PB86841		35.8	0.05	0.01	0.010	0.018	0.015
PB86842		37.2	0.09	0.01	0.012	0.016	0.010
PB86843		37.2	0.06	0.01	0.009	0.012	0.015
PB86844		37.5	0.07	0.01	0.009	0.012	0.017
PB86845		38.5	0.07	0.01	0.011	0.012	0.019
PB86846		36.7	0.06	0.01	0.013	0.073	0.022
PB86847		37.1	0.07	0.01	0.012	0.029	0.027
PB86848		53.1	1.69	0.01	0.007	0.035	0.036
PB86849		40.4	0.09	0.01	0.007	0.016	0.011
PB86850		38.0	0.08	0.01	0.008	0.014	0.017
PB86851		39.8	0.12	0.01	0.006	0.023	0.018
PB86852		38.7	0.06	0.01	0.005	0.009	0.008
PB86853		38.4	0.05	0.01	0.006	0.006	0.009
PB86854		36.6	0.06	0.01	0.008	0.011	0.011
PB86855		37.1	0.05	0.01	0.009	0.023	0.016
PB86856		36.9	0.05	0.01	0.013	0.017	0.016
PB86857		35.8	0.06	0.01	0.012	0.011	0.017
PB86858		36.0	0.05	0.01	0.008	0.011	0.012
PB86859		4.0	0.01	<0.01	0.001	<0.005	<0.001
PB86860		38.0	0.05	0.01	0.008	0.009	0.011
PB86861		37.1	0.07	0.01	0.010	0.010	0.015
PB86862		38.4	0.08	0.01	0.013	0.020	0.016
PB86863		5.2	0.01	<0.01	0.002	<0.005	<0.001
PB86864		37.9	0.07	0.01	0.010	0.009	0.016
PB86865		36.8	0.06	0.01	0.009	0.016	0.016
PB86866		33.5	0.06	0.01	0.008	0.013	0.014
PB86867		5.3	0.01	<0.01	0.002	<0.005	<0.001
PB86868		48.6	1.68	0.01	0.006	0.037	0.039
PB86869		34.4	0.05	0.01	0.011	0.019	0.017
PB86870		36.2	0.07	<0.01	0.013	0.015	0.022

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Finalized Date: 16- OCT- 2012
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Project: 2419

CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method / Analyte / Units / LOR	WEI- 21 Recvd Wt. kg 0.02	ME- ICP81 Al2O3 % 0.01	ME- ICP81 As % 0.01	ME- ICP81 CaO % 0.05	ME- ICP81 Co % 0.002	ME- ICP81 Cr % 0.01	ME- ICP81 Cu % 0.005	ME- ICP81 Fe % 0.05	ME- ICP81 Fe2O3 % 0.05	ME- ICP81 K % 0.1	ME- ICP81 MgO % 0.01	ME- ICP81 MnO % 0.01	ME- ICP81 Ni % 0.005	ME- ICP81 Pb % 0.01	ME- ICP81 S % 0.01
PB86871		1.69	2.19	0.01	3.47	0.019	0.38	0.151	8.07	11.55	<0.1	31.0	0.14	0.366	<0.01	1.22
PB86872		1.54	2.54	<0.01	1.75	0.020	0.41	0.150	8.40	12.00	0.1	32.8	0.15	0.437	<0.01	1.23
PB86873		2.03	1.49	<0.01	1.14	0.023	0.42	0.159	9.37	13.40	<0.1	34.8	0.13	0.518	<0.01	1.79
PB86874		2.32	1.51	<0.01	1.72	0.022	0.42	0.191	9.02	12.90	<0.1	33.9	0.15	0.490	<0.01	1.63
PB86875		1.05	0.17	<0.01	50.4	<0.002	0.01	<0.005	0.19	0.28	<0.1	2.94	0.01	<0.005	<0.01	0.06

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CERTIFICATE OF ANALYSIS VO12218825

Sample Description	Method / Analyte / Units / LOR	ME- ICP81 SiO2 % 0.2	ME- ICP81 TiO2 % 0.01	ME- ICP81 Zn % 0.01	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
PB86871		39.9	0.08	0.01	0.010	0.023	0.013
PB86872		40.3	0.07	0.01	0.007	0.025	0.017
PB86873		35.6	0.06	0.01	0.015	0.015	0.028
PB86874		37.6	0.07	0.01	0.013	0.010	0.021
PB86875		6.2	0.01	<0.01	0.002	<0.005	<0.001

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Finalized Date: 29- SEP- 2012
This copy reported on
31- JAN- 2013
Account: ANGAME

CERTIFICATE VO12218826

Project: 2419

P.O. No.: 2012PB001

This report is for 115 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14- SEP- 2012.

The following have access to data associated with this certificate:

JOHN BARR SEFIKA LESNIKOV	CHRISTIAN IHLENFELD	MARC- ANTOINE LAPORTE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% < 2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME- ICP81	ICP Fusion - Ore Grade	ICP- AES
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES

To: ANGLO AMERICAN EXPLORATION (CANADA) LTD.
ATTN: MARC- ANTOINE LAPORTE
5237 BOUL WILFRID- HAMEL SUITE 280
QUEBEC QC G2E 2H2

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- SEP- 2012
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CERTIFICATE OF ANALYSIS VO12218826

Sample Description	Method	WEI-21	ME-ICP81	ME-ICP81	ME-ICP81	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.	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01	0.01
PB86876		2.39	1.57	0.01	3.75	0.018	0.38	0.160	8.10	11.55	<0.1	31.3	0.14	0.444	<0.01	1.40
PB86877		2.26	1.74	<0.01	3.31	0.020	0.39	0.194	8.57	12.25	<0.1	31.5	0.15	0.412	<0.01	1.54
PB86878		2.33	2.41	0.01	2.47	0.018	0.37	0.136	8.04	11.50	0.1	31.9	0.15	0.417	<0.01	1.26
PB86879		1.88	1.28	<0.01	0.77	0.024	0.42	0.177	9.61	13.75	<0.1	34.2	0.13	0.541	<0.01	1.87
PB86880		1.32	1.19	0.01	0.71	0.023	0.43	0.124	9.81	14.05	<0.1	34.4	0.13	0.542	<0.01	2.01
PB86881		1.94	2.07	0.01	2.27	0.023	0.40	0.152	9.59	13.70	<0.1	31.7	0.14	0.501	<0.01	1.76
PB86882		2.50	1.57	0.01	2.49	0.022	0.39	0.190	9.10	13.00	<0.1	31.8	0.14	0.485	<0.01	1.76
PB86883		1.15	1.67	<0.01	2.90	0.021	0.39	0.130	8.74	12.50	<0.1	31.9	0.14	0.427	<0.01	1.49
PB86884		1.15	1.75	<0.01	3.45	0.019	0.39	0.129	8.46	12.10	<0.1	31.1	0.14	0.401	<0.01	1.42
PB86885		0.08	13.50	0.01	7.76	0.016	0.03	0.032	9.36	13.40	0.6	6.55	0.14	0.698	<0.01	1.70
PB86886		2.42	2.44	0.01	3.82	0.022	0.38	0.144	8.77	12.55	<0.1	30.3	0.14	0.439	<0.01	1.68
PB86887		<0.02	2.35	<0.01	3.89	0.020	0.38	0.138	8.76	12.50	<0.1	30.6	0.14	0.441	<0.01	1.67
PB86888		1.82	2.81	0.01	2.89	0.016	0.36	0.113	8.07	11.55	<0.1	31.8	0.14	0.352	<0.01	1.21
PB86889		2.70	2.30	<0.01	3.88	0.017	0.39	0.147	7.88	11.25	<0.1	31.6	0.14	0.322	<0.01	1.24
PB86890		2.42	1.96	0.01	3.20	0.019	0.39	0.164	8.44	12.05	<0.1	32.0	0.13	0.401	<0.01	1.42
PB86891		2.43	1.60	0.01	3.12	0.020	0.40	0.104	8.53	12.20	<0.1	32.2	0.14	0.433	<0.01	1.59
PB86892		<0.02	1.62	0.01	3.08	0.019	0.39	0.135	8.38	11.95	<0.1	32.1	0.14	0.413	<0.01	1.51
PB86893		2.14	1.67	<0.01	3.63	0.021	0.36	0.166	8.61	12.30	<0.1	30.7	0.13	0.417	<0.01	1.62
PB86894		2.31	2.77	0.01	4.62	0.019	0.36	0.148	7.73	11.05	<0.1	29.8	0.13	0.375	<0.01	1.45
PB86895		2.21	2.91	0.01	4.76	0.020	0.42	0.163	8.19	11.70	<0.1	29.3	0.14	0.436	<0.01	1.70
PB86896		2.13	2.26	0.01	1.41	0.024	0.47	0.195	9.62	13.75	<0.1	32.6	0.14	0.477	<0.01	2.20
PB86897		1.21	3.95	<0.01	8.16	0.007	0.12	0.021	5.40	7.72	<0.1	24.7	0.13	0.114	<0.01	0.28
PB86898		0.88	0.18	<0.01	52.7	<0.002	0.01	<0.005	0.17	0.24	0.1	3.08	0.01	<0.005	<0.01	0.03
PB86899		1.11	14.70	0.01	11.75	0.005	0.08	0.024	7.84	11.20	0.1	13.90	0.21	0.066	<0.01	0.11
PB86900		1.54	1.91	<0.01	2.39	0.021	0.38	0.217	9.26	13.25	<0.1	31.3	0.13	0.462	<0.01	2.01
PB86901		2.51	1.34	0.01	2.84	0.023	0.40	0.206	9.50	13.60	<0.1	32.6	0.12	0.478	<0.01	1.91
PB86902		2.23	1.36	<0.01	2.77	0.023	0.39	0.237	9.77	13.95	<0.1	32.1	0.14	0.506	<0.01	1.97
PB86903		2.54	1.31	<0.01	1.81	0.024	0.40	0.301	9.90	14.15	<0.1	32.8	0.14	0.532	<0.01	2.06
PB86904		0.94	1.17	<0.01	2.08	0.019	0.31	0.122	7.73	11.05	<0.1	24.9	0.11	0.408	<0.01	1.58
PB86905		0.93	0.15	<0.01	47.6	<0.002	0.01	<0.005	0.24	0.35	<0.1	5.03	0.02	0.009	<0.01	<0.01
PB86906		1.57	1.75	<0.01	2.51	0.023	0.39	0.228	9.53	13.65	<0.1	31.5	0.15	0.484	<0.01	1.92
PB86907		1.20	3.89	<0.01	9.38	0.017	0.23	0.175	7.72	11.05	0.1	23.0	0.16	0.366	<0.01	1.61
PB86908		2.35	3.32	<0.01	8.89	0.018	0.16	0.182	7.88	11.25	<0.1	23.1	0.16	0.411	<0.01	1.82
PB86909		0.08	13.35	<0.01	7.48	0.016	0.03	0.032	9.24	13.20	0.6	6.54	0.14	0.694	<0.01	1.62
PB86910		0.93	0.81	<0.01	1.31	0.024	0.05	0.097	11.05	15.80	<0.1	32.4	0.15	0.445	<0.01	2.01
PB86911		1.71	1.11	<0.01	2.72	0.024	0.14	0.115	10.80	15.45	<0.1	31.5	0.14	0.430	<0.01	1.72
PB86912		2.63	1.91	0.01	4.29	0.022	0.19	0.143	9.92	14.20	<0.1	29.2	0.14	0.447	<0.01	1.82
PB86913		2.38	2.33	<0.01	3.57	0.022	0.20	0.138	9.84	14.05	<0.1	30.1	0.16	0.412	<0.01	1.68
PB86914		2.62	1.47	0.01	3.97	0.021	0.16	0.123	9.36	13.40	<0.1	30.4	0.14	0.393	<0.01	1.53
PB86915		1.77	3.16	<0.01	8.52	0.013	0.17	0.104	6.95	9.94	0.1	24.4	0.16	0.220	<0.01	0.91

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CERTIFICATE OF ANALYSIS VO12218826

Sample Description	Method	ME- ICP81	ME- ICP81	ME- ICP81	PGM- ICP23	PGM- ICP23	PGM- ICP23
	Analyte	SiO2	TiO2	Zn	Au	Pt	Pd
	Units	%	%	%	ppm	ppm	ppm
	LOR	0.2	0.01	0.01	0.001	0.005	0.001
PB86876		36.9	0.09	0.01	0.010	0.020	0.018
PB86877		37.2	0.09	0.01	0.009	0.017	0.014
PB86878		37.0	0.07	0.01	0.009	0.015	0.015
PB86879		33.9	0.06	0.01	0.010	0.026	0.022
PB86880		33.6	0.05	0.01	0.017	0.023	0.031
PB86881		35.3	0.11	0.01	0.012	0.015	0.020
PB86882		35.4	0.08	0.01	0.014	0.020	0.019
PB86883		36.3	0.08	0.01	0.008	0.009	0.013
PB86884		36.3	0.09	0.01	0.009	0.015	0.013
PB86885		49.5	1.68	0.01	0.005	0.037	0.038
PB86886		37.3	0.11	0.01	0.010	0.009	0.020
PB86887		37.4	0.11	0.01	0.011	0.017	0.020
PB86888		37.4	0.10	0.01	0.008	0.009	0.009
PB86889		37.1	0.07	0.01	0.011	0.011	0.010
PB86890		36.2	0.07	0.01	0.016	0.016	0.020
PB86891		36.4	0.08	0.01	0.011	0.014	0.015
PB86892		36.2	0.07	0.01	0.011	0.009	0.015
PB86893		36.6	0.09	0.01	0.011	0.016	0.012
PB86894		38.3	0.12	<0.01	0.018	0.008	0.014
PB86895		37.2	0.11	0.01	0.015	0.010	0.014
PB86896		35.2	0.09	0.01	0.015	0.013	0.012
PB86897		48.2	0.05	<0.01	0.003	<0.005	0.002
PB86898		5.8	0.01	<0.01	0.002	<0.005	<0.001
PB86899		40.9	0.53	0.01	0.002	<0.005	0.002
PB86900		35.6	0.08	0.01	0.013	0.015	0.010
PB86901		34.6	0.06	0.01	0.017	0.019	0.017
PB86902		35.2	0.06	0.01	0.016	0.022	0.014
PB86903		33.4	0.06	0.01	0.018	0.013	0.018
PB86904		25.6	0.05	0.01	0.012	0.015	0.012
PB86905		4.8	0.01	<0.01	0.001	<0.005	<0.001
PB86906		35.3	0.09	0.01	0.022	0.015	0.020
PB86907		44.4	0.21	0.01	0.011	0.012	0.012
PB86908		42.8	0.20	0.01	0.015	0.016	0.014
PB86909		47.4	1.67	0.01	0.005	0.036	0.038
PB86910		34.1	0.03	0.01	0.010	<0.005	0.014
PB86911		35.4	0.07	0.01	0.008	0.010	0.010
PB86912		37.5	0.12	0.01	0.009	0.008	0.009
PB86913		36.4	0.14	0.01	0.008	0.009	0.011
PB86914		36.8	0.09	0.01	0.011	0.007	0.013
PB86915		45.3	0.20	0.01	0.006	<0.005	0.007

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800 - 700 W PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29- SEP- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218826

Sample Description	Method	WEI- 21	ME- ICP81	ME- ICP81	ME- ICP81	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.	Al2O3	As	CaO	Co	Cr	Cu	Fe	Fe2O3	K	MgO	MnO	Ni	Pb	S
	Units	kg	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01	0.005	0.01	0.01
PB86916		1.42	1.11	0.01	2.23	0.023	0.09	0.120	9.96	14.25	<0.1	31.2	0.15	0.438	0.01	1.80
PB86917		1.31	1.14	<0.01	2.44	0.023	0.10	0.127	9.93	14.20	<0.1	31.3	0.16	0.440	<0.01	1.83
PB86918		0.55	15.40	<0.01	15.80	0.006	0.07	0.047	4.33	6.19	0.1	12.25	0.14	0.110	<0.01	0.37
PB86919		2.03	3.16	<0.01	7.83	0.014	0.20	0.101	6.78	9.70	<0.1	24.9	0.16	0.231	<0.01	0.92
PB86920		1.64	2.77	<0.01	8.26	0.015	0.20	0.120	7.34	10.50	<0.1	24.9	0.16	0.328	<0.01	1.42
PB86921		<0.02	2.88	<0.01	8.61	0.018	0.21	0.123	7.55	10.80	<0.1	25.8	0.16	0.336	<0.01	1.42
PB86922		1.03	0.20	<0.01	49.3	0.002	0.01	<0.005	0.26	0.37	0.1	4.63	0.02	<0.005	<0.01	0.03
PB86923		2.74	3.44	<0.01	9.42	0.018	0.20	0.159	7.62	10.90	<0.1	23.9	0.15	0.385	<0.01	1.77
PB86924		2.40	3.32	<0.01	9.32	0.019	0.20	0.185	7.99	11.45	<0.1	23.9	0.16	0.401	<0.01	1.88
PB86925		0.08	13.45	<0.01	7.90	0.017	0.03	0.033	9.53	13.65	0.6	6.65	0.14	0.705	<0.01	1.70
PB86926		2.63	3.21	<0.01	10.60	0.020	0.17	0.152	8.00	11.45	<0.1	23.5	0.15	0.389	<0.01	1.84
PB86927		2.53	3.20	0.01	10.85	0.017	0.19	0.119	6.95	9.94	<0.1	23.1	0.15	0.351	0.01	1.39
PB86928		2.84	3.33	<0.01	11.30	0.016	0.17	0.123	6.51	9.31	<0.1	22.8	0.15	0.280	<0.01	1.17
PB86929		2.54	2.66	<0.01	10.40	0.021	0.21	0.197	7.89	11.30	<0.1	24.4	0.14	0.466	<0.01	1.94
PB86930		1.87	3.31	<0.01	10.40	0.019	0.19	0.132	7.48	10.70	<0.1	23.5	0.15	0.434	<0.01	1.67
PB86931		1.04	3.14	<0.01	11.30	0.020	0.20	0.227	7.70	11.00	<0.1	22.6	0.15	0.439	<0.01	1.91
PB86932		1.02	3.32	<0.01	11.95	0.019	0.20	0.202	7.71	11.00	<0.1	22.2	0.16	0.449	<0.01	1.86
PB86933		2.46	3.44	<0.01	11.75	0.020	0.18	0.161	7.59	10.85	<0.1	22.1	0.16	0.480	<0.01	1.99
PB86934		2.86	4.79	<0.01	12.75	0.020	0.18	0.282	7.76	11.10	0.1	20.1	0.16	0.485	<0.01	2.30
PB86935		2.58	5.41	<0.01	11.80	0.017	0.15	0.229	7.11	10.15	<0.1	20.2	0.16	0.392	<0.01	1.58
PB86936		<0.02	5.33	<0.01	11.60	0.018	0.15	0.225	7.16	10.25	<0.1	20.3	0.16	0.394	<0.01	1.67
PB86937		1.92	3.71	<0.01	8.39	0.020	0.14	0.191	8.18	11.70	<0.1	23.1	0.17	0.469	<0.01	2.01
PB86938		0.08	13.30	<0.01	7.75	0.018	0.03	0.033	9.49	13.55	0.6	6.69	0.14	0.712	<0.01	1.67
PB86939		1.85	6.07	<0.01	9.03	0.015	0.14	0.148	7.64	10.95	0.1	21.3	0.17	0.376	<0.01	1.70
PB86940		1.64	2.92	<0.01	7.67	0.020	0.17	0.205	8.35	11.95	<0.1	25.7	0.16	0.437	<0.01	2.00
PB86941		1.04	0.19	<0.01	47.6	0.002	0.01	<0.005	0.17	0.24	<0.1	3.41	0.02	<0.005	<0.01	0.02
PB86942		2.38	2.63	<0.01	7.38	0.023	0.21	0.197	8.86	12.65	<0.1	26.9	0.14	0.507	<0.01	1.91
PB86943		1.54	1.97	<0.01	2.50	0.025	0.15	0.140	10.15	14.50	0.1	32.1	0.12	0.514	<0.01	1.77
PB86944		2.39	4.31	<0.01	3.22	0.021	0.09	0.143	9.11	13.05	0.1	28.9	0.13	0.412	<0.01	1.54
PB86945		2.09	5.91	<0.01	3.52	0.020	0.13	0.140	9.06	12.95	0.1	26.5	0.15	0.329	<0.01	1.63
PB86946		2.47	12.30	<0.01	11.25	0.012	0.08	0.057	6.42	9.18	0.1	15.55	0.15	0.170	<0.01	0.78
PB86947		1.45	19.55	<0.01	12.45	0.009	0.03	0.085	4.88	6.98	0.5	7.79	0.10	0.086	<0.01	0.44
PB86948		1.77	10.65	<0.01	10.95	0.011	0.09	0.159	6.71	9.60	0.2	15.20	0.15	0.173	<0.01	0.92
PB86949		1.94	4.03	<0.01	9.05	0.017	0.14	0.169	7.68	11.00	<0.1	23.6	0.17	0.299	<0.01	1.50
PB86950		2.35	1.27	<0.01	2.61	0.027	0.10	0.117	10.90	15.55	<0.1	32.3	0.13	0.584	<0.01	2.40
PB86951		2.36	0.90	<0.01	1.56	0.026	0.07	0.191	10.40	14.85	<0.1	33.4	0.13	0.506	<0.01	1.91
PB86952		1.02	1.63	<0.01	3.24	0.023	0.16	0.150	10.45	14.90	<0.1	31.8	0.14	0.478	<0.01	1.73
PB86953		2.68	5.44	<0.01	4.72	0.021	0.07	0.191	8.81	12.60	<0.1	26.2	0.17	0.441	<0.01	1.83
PB86954		1.21	1.59	<0.01	3.12	0.025	0.21	0.128	9.66	13.80	<0.1	32.2	0.14	0.492	<0.01	1.86
PB86955		1.04	1.52	<0.01	3.03	0.025	0.19	0.130	9.71	13.90	<0.1	32.3	0.14	0.496	<0.01	1.80

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Finalized Date: 29- SEP- 2012
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Project: 2419

CERTIFICATE OF ANALYSIS VO12218826

Sample Description	Method Analyte Units LOR	ME- ICP81 SiO2 % 0.2	ME- ICP81 TiO2 % 0.01	ME- ICP81 Zn % 0.01	PGM- ICP23 Au ppm 0.001	PGM- ICP23 Pt ppm 0.005	PGM- ICP23 Pd ppm 0.001
PB86916		35.9	0.06	0.01	0.009	0.010	0.017
PB86917		36.0	0.06	0.01	0.010	0.011	0.017
PB86918		36.9	0.63	<0.01	0.003	<0.005	0.004
PB86919		44.5	0.20	<0.01	0.008	0.006	0.009
PB86920		44.8	0.18	<0.01	0.013	0.011	0.014
PB86921		46.6	0.19	0.01	0.012	0.009	0.015
PB86922		6.3	0.01	<0.01	<0.001	<0.005	0.001
PB86923		45.2	0.21	<0.01	0.007	0.014	0.008
PB86924		45.5	0.20	0.01	0.009	0.015	0.014
PB86925		49.7	1.71	0.01	0.005	0.035	0.037
PB86926		43.9	0.20	<0.01	0.009	0.015	0.015
PB86927		45.1	0.21	0.01	0.008	0.012	0.013
PB86928		47.0	0.22	<0.01	0.007	0.009	0.012
PB86929		42.9	0.19	<0.01	0.020	0.017	0.022
PB86930		46.6	0.21	<0.01	0.013	0.022	0.028
PB86931		45.5	0.23	<0.01	0.012	0.016	0.018
PB86932		46.1	0.24	<0.01	0.013	0.011	0.020
PB86933		47.7	0.23	<0.01	0.011	0.011	0.021
PB86934		45.5	0.31	<0.01	0.009	0.020	0.018
PB86935		47.2	0.25	<0.01	0.010	0.012	0.015
PB86936		46.2	0.24	<0.01	0.015	0.016	0.015
PB86937		47.6	0.23	0.01	0.020	0.012	0.023
PB86938		48.9	1.71	0.01	0.006	0.032	0.038
PB86939		46.8	0.24	<0.01	0.013	0.010	0.014
PB86940		44.8	0.20	<0.01	0.012	0.017	0.025
PB86941		8.4	0.01	<0.01	0.001	<0.005	<0.001
PB86942		41.3	0.15	0.01	0.018	0.013	0.026
PB86943		35.8	0.07	0.01	0.012	0.017	0.020
PB86944		35.8	0.15	0.01	0.012	0.015	0.017
PB86945		38.0	0.18	0.01	0.007	0.010	0.011
PB86946		43.3	0.32	<0.01	0.005	<0.005	0.006
PB86947		45.8	0.19	<0.01	0.006	<0.005	0.002
PB86948		48.4	0.32	<0.01	0.006	<0.005	0.007
PB86949		48.9	0.25	<0.01	0.011	0.009	0.007
PB86950		35.2	0.07	0.01	0.009	0.021	0.023
PB86951		33.8	0.05	0.01	0.012	0.014	0.033
PB86952		35.9	0.08	0.01	0.010	0.010	0.011
PB86953		36.4	0.11	0.01	0.010	0.014	0.011
PB86954		35.5	0.08	0.01	0.014	0.011	0.018
PB86955		35.9	0.08	0.01	0.016	0.008	0.017

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CERTIFICATE OF ANALYSIS VO12218826

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP81 Al2O3 % 0.01	ME-ICP81 As % 0.01	ME-ICP81 CaO % 0.05	ME-ICP81 Co % 0.002	ME-ICP81 Cr % 0.01	ME-ICP81 Cu % 0.005	ME-ICP81 Fe % 0.05	ME-ICP81 Fe2O3 % 0.05	ME-ICP81 K % 0.1	ME-ICP81 MgO % 0.01	ME-ICP81 MnO % 0.01	ME-ICP81 Ni % 0.005	ME-ICP81 Pb % 0.01	ME-ICP81 S % 0.01
PB86956		2.04	1.67	<0.01	2.54	0.026	0.27	0.152	10.60	15.15	0.1	32.5	0.15	0.492	<0.01	2.18
PB86957		<0.02	1.77	<0.01	2.54	0.023	0.26	0.161	10.50	15.05	0.1	32.4	0.15	0.479	<0.01	2.20
PB86958		0.92	0.16	<0.01	51.4	<0.002	0.01	0.005	0.11	0.16	0.1	2.92	0.01	<0.005	<0.01	0.06
PB86959		2.08	1.94	<0.01	3.25	0.025	0.30	0.113	9.97	14.25	0.1	32.1	0.14	0.498	<0.01	2.20
PB86960		2.56	2.61	<0.01	4.44	0.016	0.34	0.120	8.15	11.65	0.1	34.5	0.13	0.363	<0.01	1.02
PB86961		2.34	2.36	<0.01	4.15	0.017	0.31	0.118	7.80	11.15	0.1	32.4	0.13	0.390	<0.01	1.09
PB86962		2.20	2.32	<0.01	2.74	0.023	0.35	0.161	8.84	12.65	0.1	32.1	0.14	0.648	<0.01	1.84
PB86963		0.07	4.20	<0.01	3.01	0.020	0.40	0.212	9.94	14.20	0.1	28.6	0.15	0.556	<0.01	2.08
PB86964		2.36	3.17	<0.01	3.32	0.015	0.32	0.140	7.76	11.10	0.1	31.6	0.14	0.472	<0.01	1.15
PB86965		2.29	3.43	<0.01	3.11	0.019	0.36	0.135	8.57	12.25	0.1	35.4	0.14	0.495	<0.01	1.34
PB86966		1.49	2.39	<0.01	5.34	0.018	0.33	0.143	8.12	11.60	0.1	32.8	0.14	0.531	<0.01	1.40
PB86967		1.35	2.04	<0.01	3.82	0.019	0.35	0.175	7.99	11.40	0.1	33.3	0.14	0.502	<0.01	1.29
PB86968		2.29	2.44	<0.01	4.69	0.016	0.38	0.100	7.62	10.90	0.1	34.7	0.14	0.366	<0.01	0.84
PB86969		2.12	2.15	<0.01	3.32	0.018	0.38	0.161	8.15	11.65	0.1	34.8	0.13	0.471	<0.01	1.19
PB86970		2.43	2.04	<0.01	2.27	0.016	0.37	0.101	7.50	10.75	0.1	34.1	0.13	0.374	<0.01	0.82
PB86971		2.29	1.75	<0.01	2.27	0.015	0.41	0.082	7.92	11.30	0.1	36.5	0.15	0.335	<0.01	0.60
PB86972		2.22	1.91	<0.01	2.53	0.015	0.41	0.140	8.27	11.85	0.1	36.7	0.14	0.401	<0.01	0.88
PB86973		2.12	1.85	<0.01	2.42	0.014	0.39	0.081	7.61	10.90	0.1	36.0	0.14	0.318	<0.01	0.51
PB86974		2.37	2.26	<0.01	2.48	0.013	0.41	0.036	7.56	10.80	0.1	37.4	0.14	0.253	<0.01	0.26
PB86975		0.07	4.37	<0.01	3.04	0.020	0.41	0.221	10.25	14.65	0.1	29.7	0.15	0.570	<0.01	2.18
PB86976		1.11	2.02	<0.01	2.82	0.013	0.43	0.045	7.90	11.30	0.1	38.1	0.14	0.286	<0.01	0.33
PB86977		0.92	1.88	<0.01	2.60	0.013	0.42	0.041	7.72	11.05	0.1	37.0	0.14	0.286	<0.01	0.32
PB86978		2.65	2.61	<0.01	2.67	0.012	0.41	0.006	7.26	10.40	0.1	36.8	0.13	0.196	<0.01	0.06
PB86979		0.97	0.11	<0.01	42.0	<0.002	0.01	<0.005	0.14	0.20	0.1	3.53	0.01	<0.005	<0.01	0.05
PB86980		2.09	2.52	<0.01	2.70	0.011	0.40	0.016	7.32	10.45	0.1	36.5	0.13	0.227	<0.01	0.12
PB86981		<0.02	2.57	<0.01	2.49	0.012	0.41	0.016	7.24	10.35	0.1	36.7	0.13	0.221	<0.01	0.12
PB86982		2.84	2.49	<0.01	2.61	0.013	0.40	0.029	7.51	10.75	0.1	36.0	0.14	0.247	<0.01	0.19
PB86983		2.51	2.00	<0.01	2.15	0.014	0.42	0.055	8.41	12.00	0.1	38.4	0.16	0.317	<0.01	0.39
PB86984		2.21	2.30	<0.01	2.75	0.011	0.40	0.007	7.49	10.70	0.1	36.5	0.14	0.202	<0.01	0.09
PB86985		2.41	2.50	0.01	1.93	0.021	0.38	0.159	9.19	13.15	0.1	35.2	0.15	0.560	<0.01	1.43
PB86986		2.43	1.78	<0.01	1.89	0.019	0.40	0.191	9.26	13.25	0.1	36.5	0.15	0.491	<0.01	1.32
PB86987		2.30	4.11	<0.01	2.96	0.017	0.34	0.123	8.75	12.50	0.2	32.8	0.15	0.500	<0.01	1.29
PB86988		2.73	3.18	<0.01	2.70	0.014	0.39	0.063	8.43	12.05	0.2	35.8	0.15	0.294	<0.01	0.51
PB86989		2.52	2.98	<0.01	2.65	0.012	0.39	0.036	8.17	11.70	0.1	36.4	0.15	0.256	<0.01	0.28
PB86990		2.46	2.43	<0.01	2.48	0.017	0.40	0.115	9.09	13.00	0.1	36.5	0.15	0.408	<0.01	0.89

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CERTIFICATE OF ANALYSIS VO12218826

Sample Description	Method / Analyte / Units / LOR	ME-ICP81 SiO2 % 0.2	ME-ICP81 TiO2 % 0.01	ME-ICP81 Zn % 0.01	PGM-ICP23 Au ppm 0.001	PGM-ICP23 Pt ppm 0.005	PGM-ICP23 Pd ppm 0.001
PB86956		34.9	0.07	0.01	0.014	0.015	0.015
PB86957		36.6	0.07	0.01	0.015	0.024	0.015
PB86958		5.6	0.01	<0.01	<0.001	<0.005	<0.001
PB86959		37.7	0.09	<0.01	0.019	0.017	0.015
PB86960		43.4	0.10	<0.01	0.012	0.012	0.011
PB86961		40.0	0.09	<0.01	0.012	0.016	0.015
PB86962		37.8	0.09	<0.01	0.026	0.028	0.032
PB86963		38.5	0.25	<0.01	0.019	0.094	0.342
PB86964		38.1	0.08	<0.01	0.030	0.045	0.041
PB86965		40.7	0.07	<0.01	0.013	0.016	0.019
PB86966		42.7	0.12	<0.01	0.017	0.013	0.026
PB86967		39.4	0.10	<0.01	0.017	0.019	0.024
PB86968		41.9	0.11	<0.01	0.009	0.015	0.014
PB86969		38.1	0.09	<0.01	0.013	0.019	0.017
PB86970		36.5	0.08	<0.01	0.016	0.012	0.014
PB86971		38.0	0.08	<0.01	0.013	0.012	0.013
PB86972		38.9	0.08	<0.01	0.024	0.019	0.019
PB86973		37.5	0.07	<0.01	0.016	0.014	0.017
PB86974		39.4	0.08	<0.01	0.005	0.009	0.011
PB86975		40.0	0.27	0.01	0.018	0.091	0.343
PB86976		40.6	0.08	<0.01	0.006	0.015	0.013
PB86977		38.7	0.08	<0.01	0.007	0.012	0.013
PB86978		39.7	0.08	<0.01	0.001	0.013	0.012
PB86979		5.6	0.01	<0.01	<0.001	<0.005	0.001
PB86980		40.5	0.08	<0.01	0.003	0.013	0.013
PB86981		39.9	0.07	<0.01	0.003	0.011	0.013
PB86982		39.2	0.08	<0.01	0.008	0.012	0.011
PB86983		39.8	0.08	<0.01	0.013	0.023	0.027
PB86984		39.9	0.07	<0.01	0.067	0.009	0.013
PB86985		37.6	0.07	<0.01	0.012	0.027	0.019
PB86986		38.0	0.07	<0.01	0.012	0.026	0.025
PB86987		40.1	0.09	<0.01	0.014	0.018	0.026
PB86988		40.5	0.07	<0.01	0.012	0.024	0.029
PB86989		40.0	0.07	<0.01	0.011	0.014	0.022
PB86990		38.7	0.07	0.01	0.022	0.023	0.032

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To: ANGLO AMERICAN EXPLORATION (CANADA) LTD.
800 - 700 W PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29- SEP- 2012
This copy reported on 31- JAN- 2013
Account: ANGAME

CERTIFICATE VO12218827

Project: 2419

P.O. No.: 2012PB001

This report is for 114 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 14- SEP- 2012.

The following have access to data associated with this certificate:

JOHN BARR SEFIKA LESNIKOV	CHRISTIAN IHLENFELD	MARC- ANTOINE LAPORTE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- 31	Fine crushing - 70% <2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% <75 um
LOG- 24	Pulp Login - Rcd w/o Barcode
LOG- 22d	Sample login - Rcd w/o BarCode dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES
ME- ICP81	ICP Fusion - Ore Grade	ICP- AES

To: ANGLO AMERICAN EXPLORATION (CANADA) LTD.
ATTN: MARC- ANTOINE LAPORTE
5237 BOUL WILFRID- HAMEL SUITE 280
QUEBEC QC G2E 2H2

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:
Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 29- SEP- 2012
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Project: 2419

CERTIFICATE OF ANALYSIS VO12218827

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- ICP81 Al2O3 % 0.01	ME- ICP81 As % 0.01	ME- ICP81 CaO % 0.05	ME- ICP81 Co % 0.002	ME- ICP81 Cr % 0.01	ME- ICP81 Cu % 0.005	ME- ICP81 Fe % 0.05	ME- ICP81 Fe2O3 % 0.05	ME- ICP81 K % 0.1	ME- ICP81 MgO % 0.01	ME- ICP81 MnO % 0.01
PB86991		2.60	0.019	0.022	0.023	3.81	<0.01	2.85	0.017	0.37	0.103	8.28	11.85	<0.1	35.3	0.14
PB86992		2.60	0.019	0.020	0.024	3.63	<0.01	3.23	0.017	0.39	0.101	8.44	12.05	<0.1	36.7	0.15
PB86993		2.50	0.017	0.024	0.026	3.26	<0.01	3.43	0.017	0.38	0.091	8.36	11.95	<0.1	36.7	0.15
PB86994		0.07	0.021	0.092	0.346	4.18	<0.01	3.08	0.022	0.40	0.209	10.20	14.55	<0.1	29.8	0.15
PB86995		0.91	0.016	0.020	0.018	3.07	<0.01	3.03	0.017	0.38	0.098	8.51	12.15	<0.1	37.4	0.15
PB86996		2.63	0.025	0.034	0.041	1.49	<0.01	2.40	0.023	0.40	0.203	9.62	13.75	<0.1	37.3	0.15
PB86997		<0.02	0.023	0.038	0.041	1.57	0.01	2.60	0.022	0.42	0.198	9.73	13.90	<0.1	38.0	0.15
PB86998		2.69	0.023	0.043	0.041	2.36	0.01	2.81	0.021	0.39	0.198	9.09	13.00	<0.1	36.2	0.15
PB86999		1.13	0.022	0.032	0.033	1.42	<0.01	2.54	0.024	0.41	0.168	9.96	14.25	<0.1	38.3	0.16
PB87000		1.16	0.024	0.035	0.032	1.45	<0.01	2.67	0.024	0.42	0.172	9.90	14.15	0.1	38.5	0.16
PB87001		2.56	0.022	0.030	0.032	1.31	<0.01	2.48	0.022	0.40	0.290	9.63	13.75	<0.1	38.2	0.16
PB87002		2.76	0.019	0.024	0.029	2.05	<0.01	4.60	0.016	0.38	0.099	8.31	11.90	<0.1	35.6	0.15
PB87003		2.37	0.030	0.041	0.043	1.82	<0.01	3.13	0.020	0.41	0.116	9.77	13.95	<0.1	38.4	0.16
PB87004		2.73	0.048	0.065	0.067	1.69	<0.01	2.32	0.020	0.41	0.361	9.93	14.20	<0.1	38.8	0.16
PB87005		2.65	0.049	0.070	0.071	2.70	0.01	2.86	0.020	0.35	0.168	8.96	12.80	0.1	32.8	0.15
PB87006		2.39	0.035	0.056	0.061	2.04	<0.01	3.88	0.021	0.36	0.216	9.46	13.50	<0.1	34.9	0.15
PB87007		0.85	0.046	0.038	0.071	1.16	<0.01	0.93	0.027	0.43	0.206	11.75	16.80	<0.1	39.0	0.17
PB87008		2.58	0.035	0.039	0.055	2.09	<0.01	2.70	0.021	0.39	0.149	9.71	13.90	0.1	35.3	0.15
PB87009		1.70	0.004	0.007	0.013	4.08	<0.01	4.20	0.013	0.33	0.025	8.08	11.55	0.1	32.2	0.16
PB87010		1.88	0.009	0.012	0.017	2.20	<0.01	2.76	0.017	0.38	0.077	8.81	12.60	0.1	36.3	0.15
PB87011		2.18	0.008	0.049	0.082	1.89	<0.01	5.34	0.017	0.35	0.090	8.46	12.10	0.1	34.6	0.14
PB87012		0.96	0.002	<0.005	<0.001	0.16	<0.01	51.9	0.002	0.01	<0.005	0.15	0.21	0.1	2.61	0.01
PB87013		0.08	0.051	0.049	0.071	19.25	0.01	10.00	0.008	0.02	0.254	7.65	10.95	0.4	5.70	0.15
PB87014		1.77	0.002	<0.005	0.001	18.65	<0.01	11.35	0.005	0.03	0.008	5.01	7.16	0.2	10.70	0.10
PB87015		1.00	0.002	<0.005	<0.001	0.18	<0.01	50.8	<0.002	<0.01	<0.005	0.14	0.19	<0.1	2.63	0.02
PB87016		1.14	0.002	<0.005	0.001	19.25	0.01	11.05	0.005	0.02	0.007	5.08	7.27	0.1	10.80	0.10
PB87017		0.55	0.002	<0.005	0.002	13.40	<0.01	9.53	0.005	0.02	0.011	4.19	6.00	0.9	11.45	0.09
PB87018		2.10	0.003	<0.005	0.003	18.70	<0.01	11.65	0.005	0.02	0.015	4.78	6.84	0.2	10.30	0.09
PB87019		0.94	0.001	<0.005	0.001	17.15	<0.01	6.03	0.003	0.02	0.007	5.18	7.40	1.6	12.50	0.09
PB87020		0.07	0.020	0.089	0.344	4.05	<0.01	3.01	0.019	0.38	0.203	9.81	14.00	<0.1	28.6	0.15
PB87021		1.08	0.002	<0.005	0.009	15.90	<0.01	10.15	0.007	0.04	0.014	5.57	7.96	0.2	11.85	0.11
PB87022		1.28	0.002	<0.005	0.002	16.90	<0.01	10.50	0.007	0.04	0.010	5.53	7.90	0.2	11.90	0.11
PB87023		2.13	0.001	<0.005	0.002	19.05	<0.01	10.90	0.005	0.02	0.007	4.94	7.07	0.1	10.60	0.11
PB87024		2.21	0.002	0.006	0.002	18.75	<0.01	11.25	0.004	0.02	0.010	4.83	6.91	0.3	10.60	0.10
PB87025		1.00	0.004	0.006	0.008	18.40	<0.01	10.05	0.006	0.03	0.029	5.13	7.34	0.4	10.95	0.10
PB87026		0.91	0.005	<0.005	0.008	18.40	0.01	9.33	0.005	0.03	0.035	5.09	7.27	0.3	10.75	0.10
PB87027		1.43	0.004	0.021	0.013	12.45	<0.01	8.71	0.007	0.07	0.029	5.06	7.24	0.1	11.30	0.10
PB87028		1.31	0.005	0.009	0.022	16.55	0.01	10.40	0.010	0.03	0.045	5.41	7.74	0.4	11.15	0.10
PB87029		<0.02	0.004	0.011	0.019	17.00	0.01	10.15	0.008	0.03	0.053	5.20	7.43	0.5	10.90	0.10
PB87030		2.31	0.006	0.020	0.019	17.50	<0.01	11.35	0.009	0.04	0.090	5.10	7.28	0.3	10.25	0.09

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To: ANGLO AMERICAN EXPLORATION (CANADA) LTD.
800 - 700 W PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29- SEP- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218827

Sample Description	Method	ME- ICP81	ME- ICP81	ME- ICP81	ME- ICP81	ME- ICP81	ME- ICP81
	Analyte	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%
	LOR	0.005	0.01	0.01	0.2	0.01	0.01
PB86991		0.400	<0.01	0.83	39.2	0.06	0.01
PB86992		0.387	<0.01	0.75	41.1	0.06	0.01
PB86993		0.378	<0.01	0.69	41.6	0.07	0.01
PB86994		0.565	<0.01	2.10	40.1	0.26	0.01
PB86995		0.408	<0.01	0.89	40.4	0.05	0.01
PB86996		0.652	<0.01	1.61	38.0	0.06	0.01
PB86997		0.625	<0.01	1.54	39.9	0.07	0.01
PB86998		0.546	<0.01	1.25	40.6	0.08	0.01
PB86999		0.635	<0.01	1.49	40.4	0.07	0.01
PB87000		0.626	<0.01	1.53	41.2	0.07	0.01
PB87001		0.512	<0.01	1.29	40.3	0.06	0.01
PB87002		0.376	<0.01	0.72	42.8	0.10	0.01
PB87003		0.572	<0.01	1.18	41.8	0.07	0.01
PB87004		0.592	<0.01	1.36	39.8	0.06	0.01
PB87005		0.660	<0.01	1.29	39.8	0.08	0.01
PB87006		0.642	<0.01	1.54	40.8	0.09	0.01
PB87007		0.874	<0.01	2.29	37.5	0.05	0.01
PB87008		0.584	<0.01	1.24	42.9	0.08	0.01
PB87009		0.241	<0.01	0.23	46.8	0.11	0.01
PB87010		0.340	<0.01	0.66	44.4	0.07	0.01
PB87011		0.368	0.01	0.71	40.2	0.08	0.01
PB87012		<0.005	<0.01	<0.01	5.1	0.01	<0.01
PB87013		0.231	<0.01	1.47	51.0	0.56	0.01
PB87014		0.008	<0.01	0.34	50.9	0.19	<0.01
PB87015		<0.005	<0.01	0.01	5.5	0.01	<0.01
PB87016		0.013	<0.01	0.24	52.5	0.18	<0.01
PB87017		0.016	<0.01	0.29	43.7	0.14	<0.01
PB87018		0.023	<0.01	0.45	52.6	0.21	<0.01
PB87019		0.010	<0.01	0.14	50.3	0.15	<0.01
PB87020		0.548	<0.01	2.02	39.2	0.25	0.01
PB87021		0.060	<0.01	0.38	49.1	0.18	<0.01
PB87022		0.033	<0.01	0.20	51.0	0.18	<0.01
PB87023		0.010	<0.01	0.19	52.4	0.16	<0.01
PB87024		0.013	<0.01	0.24	51.3	0.15	<0.01
PB87025		0.062	<0.01	0.46	50.7	0.17	<0.01
PB87026		0.068	<0.01	0.41	47.8	0.17	0.01
PB87027		0.111	<0.01	0.55	41.0	0.21	0.01
PB87028		0.196	<0.01	0.84	45.6	0.30	0.01
PB87029		0.151	<0.01	0.63	45.6	0.26	<0.01
PB87030		0.203	<0.01	1.08	46.9	0.20	<0.01

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Finalized Date: 29- SEP- 2012
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CERTIFICATE OF ANALYSIS VO12218827

Sample Description	Method	WEI-21	PGM-ICP23	PGM-ICP23	PGM-ICP23	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	K	MgO	MnO
	Units	kg	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.02	0.001	0.005	0.001	0.01	0.01	0.05	0.002	0.01	0.005	0.05	0.05	0.1	0.01	0.01
PB87031		0.71	0.005	0.005	0.004	18.50	0.01	11.30	0.004	0.04	0.028	4.14	5.92	0.1	11.70	0.09
PB87032		1.53	0.005	0.028	0.010	4.22	<0.01	8.40	0.013	0.15	0.052	7.50	10.70	<0.1	23.8	0.14
PB87033		1.15	0.003	<0.005	0.004	3.54	0.01	5.34	0.012	0.13	0.014	7.64	10.95	<0.1	28.6	0.14
PB87034		1.52	0.006	<0.005	0.010	4.43	<0.01	11.45	0.009	0.22	0.045	5.52	7.89	0.1	19.80	0.11
PB87035		1.92	0.004	0.010	0.012	4.85	0.01	12.85	0.009	0.28	0.052	5.63	8.05	0.1	18.80	0.13
PB87036		2.42	0.005	<0.005	0.007	4.76	0.01	11.40	0.007	0.27	0.029	5.10	7.30	0.1	20.6	0.12
PB87037		0.08	0.020	0.089	0.341	4.04	<0.01	2.84	0.019	0.38	0.201	9.72	13.90	<0.1	28.5	0.15
PB87038		1.75	0.008	0.013	0.017	4.90	<0.01	12.60	0.006	0.29	0.036	5.04	7.21	0.1	20.5	0.12
PB87039		2.23	0.007	0.012	0.018	4.70	0.01	13.30	0.008	0.31	0.056	5.40	7.71	0.1	19.80	0.12
PB87040		0.98	0.003	<0.005	0.001	0.15	<0.01	52.7	<0.002	<0.01	<0.005	0.11	0.16	<0.1	2.48	0.01
PB87041		2.83	0.012	0.006	0.012	3.99	<0.01	13.00	0.009	0.30	0.059	5.59	7.99	0.1	20.8	0.13
PB87042		0.94	0.010	0.008	0.012	4.28	0.01	13.95	0.007	0.37	0.063	5.16	7.38	0.1	19.75	0.13
PB87043		2.07	0.008	0.009	0.011	2.86	<0.01	7.54	0.011	0.25	0.048	6.72	9.61	0.1	25.3	0.13
PB87044		0.80	0.010	0.006	0.012	4.25	<0.01	7.36	0.011	0.26	0.040	6.94	9.93	0.1	24.3	0.14
PB87045		0.65	0.062	0.015	0.014	4.21	0.01	6.95	0.010	0.25	0.043	7.15	10.25	0.1	24.7	0.14
PB87046		2.21	0.006	0.006	0.010	4.69	0.01	11.65	0.007	0.31	0.043	5.86	8.38	0.1	20.4	0.13
PB87047		1.93	0.010	0.010	0.009	4.18	<0.01	12.10	0.007	0.34	0.056	5.19	7.42	0.1	21.4	0.12
PB87048		1.52	0.010	0.005	0.005	4.13	0.01	12.50	0.007	0.39	0.066	5.27	7.53	0.1	21.0	0.12
PB87049		1.89	0.012	0.005	0.005	3.52	0.01	10.20	0.009	0.38	0.080	6.38	9.13	0.1	23.8	0.14
PB87050		<0.02	0.013	0.005	0.005	3.26	<0.01	9.17	0.009	0.36	0.078	6.76	9.67	0.1	25.0	0.15
PB87051		1.19	0.006	0.006	0.003	2.62	0.01	4.77	0.012	0.38	0.032	7.74	11.05	0.1	30.7	0.14
PB87052		2.48	0.006	0.009	0.008	3.58	<0.01	3.80	0.011	0.23	0.031	7.73	11.05	0.1	29.2	0.15
PB87053		2.24	0.003	<0.005	0.002	2.20	<0.01	3.89	0.013	0.27	0.010	7.73	11.05	<0.1	31.7	0.14
PB87054		2.50	0.003	<0.005	0.003	2.44	0.01	3.93	0.013	0.25	0.012	7.87	11.25	<0.1	30.9	0.15
PB87055		0.97	0.002	<0.005	<0.001	0.14	<0.01	49.1	<0.002	0.01	<0.005	0.17	0.25	<0.1	4.56	0.02
PB87056		2.17	0.004	<0.005	0.004	1.87	0.01	3.35	0.013	0.26	0.014	8.20	11.75	<0.1	31.7	0.15
PB87057		2.22	0.006	0.005	0.004	2.26	0.01	4.13	0.013	0.26	0.013	8.46	12.10	0.1	30.9	0.16
PB87058		1.21	0.003	<0.005	0.001	3.02	<0.01	5.05	0.011	0.27	0.008	7.88	11.25	<0.1	29.0	0.16
PB87059		1.04	0.003	<0.005	0.001	2.81	0.01	4.51	0.011	0.26	0.011	8.08	11.55	<0.1	29.6	0.16
PB87060		2.07	0.005	<0.005	0.003	2.49	<0.01	4.14	0.014	0.23	0.010	7.64	10.90	<0.1	29.9	0.13
PB87061		2.38	0.003	<0.005	0.002	2.67	0.01	3.66	0.013	0.27	0.008	8.27	11.85	<0.1	31.5	0.14
PB87062		2.44	0.004	<0.005	0.007	4.01	<0.01	4.42	0.013	0.21	0.014	8.30	11.85	0.1	29.5	0.15
PB87063		2.04	0.003	0.007	0.010	5.15	<0.01	4.78	0.013	0.18	0.016	7.40	10.60	0.2	27.4	0.14
PB87064		2.54	0.007	0.014	0.011	2.64	<0.01	3.89	0.015	0.22	0.016	8.26	11.80	<0.1	31.0	0.14
PB87065		0.07	0.019	0.089	0.332	4.12	<0.01	2.70	0.021	0.37	0.205	9.85	14.10	<0.1	29.4	0.15
PB87066		2.38	0.005	<0.005	0.003	1.68	<0.01	3.21	0.014	0.21	0.009	8.01	11.45	<0.1	31.0	0.15
PB87067		2.58	0.005	<0.005	0.001	2.01	<0.01	3.73	0.014	0.25	0.010	8.43	12.05	<0.1	32.7	0.16
PB87068		2.71	0.003	0.007	0.001	3.02	<0.01	5.68	0.012	0.23	0.013	7.53	10.75	<0.1	29.0	0.15
PB87069		<0.02	0.002	0.009	0.002	3.03	<0.01	5.74	0.013	0.23	0.015	7.54	10.80	<0.1	29.1	0.15
PB87070		2.58	0.003	0.008	0.004	2.66	<0.01	4.15	0.014	0.18	0.017	8.03	11.50	0.1	29.7	0.15

ALS Canada Ltd.
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To: ANGLO AMERICAN EXPLORATION (CANADA) LTD.
800 - 700 W PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29- SEP- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218827

Sample Description	Method Analyte Units LOR	ME- ICP81 Ni % 0.005	ME- ICP81 Pb % 0.01	ME- ICP81 S % 0.01	ME- ICP81 SiO2 % 0.2	ME- ICP81 TiO2 % 0.01	ME- ICP81 Zn % 0.01
PB87031		0.051	<0.01	0.32	48.7	0.15	<0.01
PB87032		0.186	<0.01	1.25	43.7	0.26	0.01
PB87033		0.092	<0.01	0.23	41.2	0.12	0.01
PB87034		0.152	<0.01	0.84	48.4	0.24	<0.01
PB87035		0.162	<0.01	0.63	49.7	0.31	<0.01
PB87036		0.098	<0.01	0.34	48.5	0.30	<0.01
PB87037		0.546	<0.01	2.01	36.7	0.25	0.01
PB87038		0.086	<0.01	0.31	49.5	0.31	<0.01
PB87039		0.152	<0.01	0.58	47.7	0.33	<0.01
PB87040		<0.005	<0.01	0.01	4.3	0.01	<0.01
PB87041		0.126	<0.01	0.49	48.2	0.34	<0.01
PB87042		0.123	<0.01	0.43	49.9	0.43	<0.01
PB87043		0.157	<0.01	0.52	43.8	0.20	<0.01
PB87044		0.161	<0.01	0.49	45.6	0.27	<0.01
PB87045		0.162	<0.01	0.50	46.5	0.30	0.01
PB87046		0.137	<0.01	0.40	50.2	0.36	<0.01
PB87047		0.110	<0.01	0.38	47.6	0.36	<0.01
PB87048		0.129	<0.01	0.50	48.3	0.37	<0.01
PB87049		0.171	<0.01	0.57	46.0	0.26	<0.01
PB87050		0.178	<0.01	0.59	45.9	0.23	<0.01
PB87051		0.146	0.01	0.30	41.9	0.16	0.01
PB87052		0.144	<0.01	0.37	43.7	0.18	0.01
PB87053		0.138	<0.01	0.24	41.0	0.12	0.01
PB87054		0.130	<0.01	0.27	41.9	0.12	0.01
PB87055		<0.005	<0.01	<0.01	7.0	0.01	<0.01
PB87056		0.154	<0.01	0.36	38.7	0.13	0.01
PB87057		0.157	<0.01	0.32	40.5	0.13	0.01
PB87058		0.123	<0.01	0.23	42.5	0.15	0.01
PB87059		0.129	0.01	0.26	41.9	0.14	0.01
PB87060		0.145	<0.01	0.31	43.2	0.10	0.01
PB87061		0.140	<0.01	0.25	41.2	0.11	0.01
PB87062		0.151	0.01	0.31	42.5	0.22	0.01
PB87063		0.133	<0.01	0.28	42.0	0.20	0.01
PB87064		0.151	<0.01	0.31	39.8	0.15	0.01
PB87065		0.554	<0.01	2.02	37.0	0.26	0.01
PB87066		0.129	<0.01	0.26	37.8	0.10	0.01
PB87067		0.132	<0.01	0.26	42.1	0.11	0.01
PB87068		0.116	0.01	0.28	43.6	0.15	<0.01
PB87069		0.115	<0.01	0.27	43.5	0.15	0.01
PB87070		0.120	<0.01	0.37	40.2	0.12	0.01

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800 - 700 W PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29- SEP- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218827

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- ICP81 Al2O3 % 0.01	ME- ICP81 As % 0.01	ME- ICP81 CaO % 0.05	ME- ICP81 Co % 0.002	ME- ICP81 Cr % 0.01	ME- ICP81 Cu % 0.005	ME- ICP81 Fe % 0.05	ME- ICP81 Fe2O3 % 0.05	ME- ICP81 K % 0.1	ME- ICP81 MgO % 0.01	ME- ICP81 MnO % 0.01
PB87071		1.67	0.004	<0.005	0.003	2.62	<0.01	4.32	0.014	0.17	0.014	8.26	11.80	0.1	31.0	0.15
PB87072		2.57	0.003	<0.005	0.003	5.76	<0.01	6.48	0.010	0.19	0.013	7.47	10.70	0.1	25.4	0.16
PB87073		1.87	0.005	<0.005	0.004	2.95	<0.01	4.11	0.013	0.20	0.016	8.12	11.60	0.1	29.9	0.15
PB87074		1.13	0.004	<0.005	0.004	2.49	0.01	4.70	0.014	0.26	0.012	8.02	11.45	<0.1	29.6	0.14
PB87075		1.64	0.005	<0.005	0.003	2.25	<0.01	4.34	0.014	0.24	0.012	8.18	11.70	<0.1	31.4	0.15
PB87076		0.07	0.020	0.101	0.327	4.03	<0.01	2.80	0.021	0.38	0.203	9.79	14.00	<0.1	28.7	0.15
PB87077		2.58	0.005	<0.005	0.003	2.96	<0.01	4.04	0.012	0.23	0.012	8.12	11.60	0.1	29.8	0.14
PB87078		2.66	0.005	<0.005	0.002	2.45	<0.01	4.65	0.014	0.25	0.012	8.36	11.95	<0.1	30.8	0.14
PB87079		2.41	0.005	<0.005	0.002	3.00	<0.01	4.61	0.012	0.22	0.008	7.57	10.85	<0.1	29.4	0.14
PB87080		2.53	0.003	0.005	0.002	2.83	0.01	4.50	0.013	0.25	0.009	8.13	11.60	0.1	29.8	0.14
PB87081		<0.02	0.005	0.005	0.003	2.80	<0.01	4.46	0.012	0.25	0.008	8.14	11.65	0.1	29.7	0.14
PB87082		1.57	0.003	0.006	0.002	5.90	<0.01	4.32	0.011	0.19	0.010	7.69	11.00	0.1	28.9	0.14
PB87083		2.47	0.004	0.009	0.001	4.35	<0.01	4.90	0.013	0.22	0.009	7.76	11.10	0.1	28.6	0.14
PB87084		2.62	0.002	<0.005	0.001	9.34	<0.01	5.98	0.009	0.15	0.007	7.82	11.20	0.1	22.2	0.15
PB87085		2.64	0.003	<0.005	0.001	9.86	<0.01	6.50	0.007	0.17	0.010	7.21	10.30	0.1	20.9	0.16
PB87086		2.63	0.003	0.005	0.002	4.67	<0.01	6.97	0.011	0.23	0.012	7.14	10.20	0.1	25.5	0.15
PB87087		0.96	<0.001	<0.005	<0.001	0.16	0.01	50.9	<0.002	0.01	<0.005	0.21	0.30	<0.1	3.94	0.02
PB87088		2.11	0.004	0.008	0.001	2.98	<0.01	7.83	0.010	0.28	0.013	6.37	9.10	<0.1	24.8	0.15
PB87089		2.94	0.003	<0.005	0.001	2.98	<0.01	7.36	0.011	0.28	0.012	6.89	9.85	<0.1	27.1	0.15
PB87090		1.26	0.003	<0.005	0.001	3.68	<0.01	8.19	0.010	0.27	0.018	6.69	9.56	0.1	26.1	0.16
PB87091		0.89	0.004	<0.005	0.002	3.53	<0.01	7.77	0.011	0.28	0.016	6.56	9.38	0.1	26.0	0.16
PB87092		2.60	0.003	<0.005	0.002	3.69	<0.01	5.69	0.009	0.20	0.015	6.33	9.04	0.1	27.6	0.15
PB87093		1.11	0.001	<0.005	<0.001	0.11	<0.01	52.1	<0.002	<0.01	<0.005	0.09	0.13	<0.1	2.54	0.01
PB87094		1.25	0.005	<0.005	0.002	2.66	<0.01	5.87	0.012	0.23	0.017	7.11	10.15	<0.1	29.7	0.17
PB87095		1.22	0.004	<0.005	0.005	2.68	<0.01	5.54	0.011	0.22	0.014	6.84	9.78	0.1	29.0	0.16
PB87096		2.09	0.002	<0.005	0.002	3.35	<0.01	7.67	0.009	0.25	0.012	6.07	8.67	0.1	27.5	0.16
PB87097		0.07	0.018	0.087	0.324	4.11	<0.01	2.87	0.020	0.39	0.204	9.90	14.15	<0.1	29.1	0.15
PB87098		2.74	0.002	<0.005	0.002	3.38	<0.01	8.46	0.009	0.30	0.017	6.28	8.97	0.1	25.6	0.16
PB87099		<0.02	0.002	<0.005	0.001	3.35	<0.01	8.28	0.009	0.29	0.015	6.19	8.85	<0.1	25.5	0.16
PB87100		2.58	0.002	<0.005	0.002	3.18	0.01	7.05	0.010	0.28	0.010	6.51	9.30	0.1	27.1	0.16
PB87101		2.81	0.002	<0.005	0.002	3.01	0.01	6.39	0.009	0.27	0.010	6.12	8.74	<0.1	27.2	0.15
PB87102		0.94	0.001	<0.005	<0.001	0.17	<0.01	51.3	<0.002	<0.01	<0.005	0.13	0.18	0.1	3.87	0.01
PB87103		1.64	0.003	0.005	0.002	3.91	0.01	7.07	0.009	0.25	0.012	6.20	8.87	0.1	26.5	0.16
PB87104		1.95	0.004	<0.005	0.002	3.39	<0.01	7.87	0.008	0.28	0.014	6.00	8.58	0.1	26.6	0.15

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800 - 700 W PENDER ST
VANCOUVER BC V6C 1G8

Finalized Date: 29- SEP- 2012
Account: ANGAME

Project: 2419

CERTIFICATE OF ANALYSIS VO12218827

Sample Description	Method	ME- ICP81	ME- ICP81	ME- ICP81	ME- ICP81	ME- ICP81	ME- ICP81
	Analyte	Ni	Pb	S	SiO2	TiO2	Zn
	Units	%	%	%	%	%	%
	LOR	0.005	0.01	0.01	0.2	0.01	0.01
PB87071		0.117	<0.01	0.30	39.1	0.16	0.01
PB87072		0.086	<0.01	0.26	43.6	0.33	<0.01
PB87073		0.124	<0.01	0.36	41.5	0.15	0.01
PB87074		0.137	0.01	0.32	42.4	0.14	0.01
PB87075		0.134	<0.01	0.30	39.9	0.12	0.01
PB87076		0.550	<0.01	2.00	35.2	0.25	0.01
PB87077		0.126	<0.01	0.31	39.3	0.15	0.01
PB87078		0.141	<0.01	0.30	39.2	0.12	0.01
PB87079		0.113	0.01	0.23	40.4	0.14	0.01
PB87080		0.125	<0.01	0.38	39.9	0.15	0.01
PB87081		0.125	<0.01	0.39	39.5	0.15	0.01
PB87082		0.105	<0.01	0.27	38.6	0.34	0.01
PB87083		0.109	<0.01	0.25	40.9	0.26	0.01
PB87084		0.074	<0.01	0.21	41.6	0.58	0.01
PB87085		0.078	<0.01	0.17	41.3	0.63	0.01
PB87086		0.105	<0.01	0.32	42.5	0.26	<0.01
PB87087		<0.005	<0.01	0.01	5.7	0.02	<0.01
PB87088		0.117	<0.01	0.34	42.3	0.18	<0.01
PB87089		0.115	<0.01	0.37	43.1	0.17	<0.01
PB87090		0.113	0.01	0.34	44.5	0.22	0.01
PB87091		0.114	<0.01	0.35	43.2	0.21	0.01
PB87092		0.094	<0.01	0.41	40.0	0.18	0.01
PB87093		<0.005	<0.01	<0.01	4.5	0.01	<0.01
PB87094		0.124	<0.01	0.41	42.0	0.15	0.01
PB87095		0.121	<0.01	0.43	40.6	0.14	0.01
PB87096		0.103	<0.01	0.33	44.7	0.17	<0.01
PB87097		0.552	<0.01	2.01	36.0	0.25	0.01
PB87098		0.118	<0.01	0.33	47.5	0.18	0.01
PB87099		0.114	<0.01	0.30	46.7	0.18	0.01
PB87100		0.120	<0.01	0.34	45.2	0.17	<0.01
PB87101		0.116	<0.01	0.30	44.1	0.16	<0.01
PB87102		<0.005	0.01	<0.01	7.9	0.01	<0.01
PB87103		0.122	<0.01	0.36	45.0	0.18	0.01
PB87104		0.110	<0.01	0.35	47.6	0.19	0.01

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 Canada

Submitted By: Sefika Lesnikov
Receiving Lab: Canada-Vancouver
Received: November 01, 2012
Report Date: November 26, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN12005202.1

CLIENT JOB INFORMATION

Project: 2419
Shipment ID: 2012PB002
P.O. Number 2012PB002
Number of Samples: 51

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	48	Crush, split and pulverize 1kg of sample to 200 mesh			VAN
XWSH	48	Extra Wash with Glass between each sample			VAN
Dry at 105C	51	Dry @ 105 Deg. C. prior to analysis			VAN
7TD	51	Ni by 4 Acid digestion, analysis by ICP-ES	0.5	Completed	AML
LOI	51	LOI by loss on ignition		Completed	VAN
2A (Total C & S)	51	Analysis by Leco (not included in the sum)	0.1	Completed	VAN
4A	51	LiBO2/LiB4O7 fusion ICP-ES/ICP-MS analysis	0.2	Completed	VAN
1F	51	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
3BMS	51	Fire assay fusion Au Pt Pd by ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Anglo American Exploration (Canada) Ltd.
800 - 700 W. Pender St.
Vancouver BC V6C 1G8
Canada

CC: Christian Ihlenfeld
Clement Dombrowski

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"**" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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800 - 700 W. Pender St.
Vancouver BC V6C 1G8 Canada

Project: 2419
Report Date: November 26, 2012

CERTIFICATE OF ANALYSIS VAN12005202.1

Method		WGHT	7TD	LOI	2A Leco	2A Leco	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Wgt	Ni	LOI	TOT/C	TOT/S	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Sc	Sum	Cs
Unit		kg	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	ppm
MDL		0.01	10	-5.1	0.01	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	1	0.01	0.1
G1	Prep Blank	<0.01	<10	0.5	0.02	0.02	67.08	15.46	3.89	1.26	3.41	3.65	3.68	0.41	0.19	0.11	0.003	1075	6	99.67	3.7
G1	Prep Blank	<0.01	<10	0.8	0.02	0.03	66.93	15.57	3.70	1.24	3.39	3.68	3.66	0.41	0.22	0.10	0.003	1124	7	99.66	4.0
PB-76200	Rock	0.40	259	2.5	0.12	0.05	48.15	10.86	9.11	12.87	14.28	0.63	0.29	0.50	0.05	0.15	0.270	65	50	99.65	0.3
PB-76201	Rock Pulp	0.06	138	0.5	0.09	0.05	51.48	14.65	11.37	7.03	8.44	3.11	0.83	1.81	0.29	0.14	0.039	278	21	99.67	0.7
PB-76202	Rock	0.82	230	2.6	0.29	0.61	49.43	10.74	9.26	11.56	14.57	0.28	0.26	0.60	0.03	0.19	0.131	13	35	99.68	1.2
PB-76203	Rock	0.98	48	0.6	0.10	0.08	48.08	18.38	8.04	8.75	13.16	1.70	0.14	0.56	0.05	0.14	0.033	88	44	99.67	<0.1
PB-76204	Rock	1.34	783	8.4	0.14	0.27	38.52	5.06	14.64	28.31	3.67	0.28	0.02	0.09	<0.01	0.19	0.113	9	17	99.44	<0.1
PB-76205	Rock	1.31	26	2.7	0.13	0.10	46.28	16.74	13.14	6.32	8.52	2.73	0.87	1.74	0.39	0.20	0.013	384	38	99.64	<0.1
PB-76206	Rock	1.42	23	3.9	0.09	0.05	47.34	20.15	8.87	6.56	8.28	2.68	0.10	1.62	0.07	0.11	0.021	65	20	99.71	<0.1
PB-76207	Rock	0.84	74	0.6	0.12	0.11	49.55	17.23	10.70	7.59	10.20	2.21	0.16	1.08	0.18	0.16	0.019	121	34	99.71	<0.1
PB-76208	Rock	0.90	146	0.8	0.07	0.14	46.12	17.59	8.69	13.03	11.29	1.52	0.13	0.29	0.02	0.12	0.050	79	25	99.65	<0.1
PB-76209	Rock	0.75	68	0.9	0.07	0.12	50.33	17.48	9.78	7.63	10.25	2.42	0.17	0.43	0.13	0.16	0.037	117	38	99.69	0.2
PB-76210	Rock	1.19	27	0.2	0.05	0.11	46.09	17.63	15.07	6.03	9.77	2.51	0.16	1.82	0.17	0.18	0.010	152	37	99.64	<0.1
PB-76211	Rock	1.14	51	1.2	0.04	0.21	47.17	17.53	11.34	8.45	11.06	1.69	0.13	0.90	0.03	0.14	0.027	103	36	99.64	0.1
PB-76212	Rock	0.75	56	1.4	0.05	0.11	49.42	20.03	6.83	8.79	10.71	1.94	0.13	0.27	<0.01	0.11	0.021	85	24	99.69	0.2
PB-76213	Rock	0.83	59	1.0	0.06	0.11	48.35	19.94	5.81	8.51	13.66	1.69	0.18	0.43	0.02	0.09	0.055	116	37	99.69	0.1
PB-76214	Rock	1.26	68	3.0	0.11	0.13	48.84	17.40	6.80	9.81	12.00	1.33	0.06	0.29	<0.01	0.12	0.065	27	34	99.71	<0.1
PB-76215	Rock	2.27	27	2.2	0.05	0.04	49.72	18.50	7.90	7.18	10.82	2.45	0.20	0.48	0.09	0.13	0.020	101	32	99.73	<0.1
PB-76216	Rock	1.02	31	1.6	0.13	0.16	48.54	17.40	8.94	8.29	11.61	1.97	0.19	0.93	0.08	0.14	0.018	128	35	99.73	<0.1
PB-76217	Rock	1.61	41	3.3	0.05	0.19	47.69	18.14	9.21	8.09	10.76	1.17	0.28	0.74	0.03	0.13	0.027	149	31	99.63	<0.1
PB-76218 DUP PB76217	Rock	<0.01	44	3.2	0.04	0.15	47.55	18.16	9.38	8.20	10.70	1.12	0.28	0.74	0.09	0.13	0.026	144	32	99.61	<0.1
PB-76219	Rock	1.87	122	0.6	0.09	0.16	49.58	15.37	11.01	10.00	9.99	1.66	0.13	1.06	0.09	0.17	0.056	92	38	99.67	<0.1
PB-76220	Rock	2.33	26	0.3	0.06	0.21	44.32	16.85	15.46	7.84	11.33	1.61	0.15	1.57	<0.01	0.16	0.009	99	44	99.59	<0.1
PB-76221	Rock Pulp	0.07	2263	1.8	0.28	1.40	47.81	19.38	10.75	5.63	9.73	2.57	0.58	0.56	0.18	0.15	0.021	256	19	99.44	0.2
PB-76222	Rock	1.54	86	1.2	0.07	0.03	48.13	19.00	7.44	7.75	13.47	1.53	0.18	0.76	0.04	0.12	0.047	86	41	99.69	<0.1
PB-76223	Rock	1.12	26	1.2	0.15	0.07	47.70	17.39	13.20	4.81	8.41	3.09	0.25	2.38	1.06	0.18	0.009	175	31	99.66	<0.1
PB-76224	Rock	2.31	58	0.6	0.06	0.09	50.07	17.20	9.51	8.44	10.55	2.11	0.14	0.72	0.12	0.15	0.047	87	37	99.71	<0.1
PB-76225	Rock	1.67	33	0.9	0.08	0.10	47.54	20.72	6.33	8.06	13.69	1.75	0.11	0.45	0.03	0.10	0.050	74	33	99.73	<0.1
PB-76226	Rock	1.09	<10	40.5	12.36	0.04	8.94	0.04	0.14	21.31	28.52	0.02	0.02	<0.01	<0.01	0.06	<0.002	301	<1	99.57	0.4
PB-76227	Rock	1.88	165	0.5	0.11	0.15	50.84	16.06	10.57	9.24	9.77	2.02	0.15	0.36	0.02	0.17	0.019	109	33	99.70	<0.1

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Project: 2419
Report Date: November 26, 2012

CERTIFICATE OF ANALYSIS VAN12005202.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
G1	Prep Blank	18.1	3.6	22.2	120.6	2	704.1	1.4	8.3	3.5	58	0.6	138.9	16.2	29.3	57.4	6.49	25.1	3.94	1.10	3.43
G1	Prep Blank	18.1	4.5	22.7	124.7	1	712.1	1.4	10.1	3.7	51	<0.5	138.7	16.5	30.5	58.4	6.49	26.0	3.99	1.04	3.24
PB-76200	Rock	12.1	0.6	1.6	8.7	1	72.4	<0.1	0.3	<0.1	225	<0.5	22.8	9.8	1.8	4.1	0.65	3.0	1.04	0.46	1.53
PB-76201	Rock Pulp	19.7	3.8	19.1	20.3	3	389.0	1.0	2.3	0.7	169	<0.5	135.2	20.1	16.8	34.1	4.40	19.2	4.53	1.58	4.80
PB-76202	Rock	12.5	1.1	1.8	9.4	<1	102.4	0.1	0.3	<0.1	239	<0.5	33.5	11.9	2.2	4.9	0.76	4.3	1.32	0.48	1.79
PB-76203	Rock	15.5	0.5	1.0	1.0	<1	651.3	0.1	<0.2	<0.1	186	<0.5	18.8	12.4	5.6	13.9	2.11	11.0	2.67	0.82	2.75
PB-76204	Rock	4.6	<0.1	0.4	0.8	<1	95.2	<0.1	<0.2	<0.1	60	<0.5	3.0	1.8	1.0	1.5	0.22	1.1	0.30	0.13	0.45
PB-76205	Rock	21.7	2.7	9.7	11.3	1	540.9	0.5	0.6	0.2	330	<0.5	105.4	30.5	24.3	58.3	7.82	32.8	6.71	1.95	6.40
PB-76206	Rock	18.9	0.4	3.8	1.1	<1	652.4	0.3	<0.2	<0.1	315	<0.5	11.6	3.9	3.3	7.5	0.84	3.5	0.66	0.75	0.62
PB-76207	Rock	17.1	0.5	3.4	0.9	<1	518.2	0.2	<0.2	<0.1	224	<0.5	14.6	10.0	5.9	11.7	1.62	7.2	1.97	1.02	2.04
PB-76208	Rock	13.7	0.4	1.4	1.6	<1	486.7	0.1	<0.2	<0.1	111	<0.5	14.6	7.0	3.3	7.1	1.03	4.6	1.16	0.52	1.23
PB-76209	Rock	16.3	0.3	0.9	1.1	<1	652.6	<0.1	<0.2	<0.1	199	<0.5	6.8	7.2	3.5	7.0	1.07	5.5	1.31	1.01	1.52
PB-76210	Rock	21.5	0.7	2.3	1.1	<1	768.6	0.1	<0.2	<0.1	520	<0.5	13.4	9.4	6.5	13.8	1.88	9.1	1.94	1.06	2.20
PB-76211	Rock	18.4	0.5	0.6	1.5	<1	731.9	<0.1	<0.2	<0.1	427	0.7	10.9	6.9	3.9	8.6	1.20	5.9	1.38	0.75	1.46
PB-76212	Rock	15.2	0.4	0.5	1.3	<1	590.4	<0.1	<0.2	<0.1	115	<0.5	7.9	4.4	3.2	5.8	0.80	2.9	0.75	0.46	0.86
PB-76213	Rock	15.3	0.6	1.1	2.5	<1	615.5	<0.1	0.5	0.2	165	<0.5	14.0	7.3	3.5	7.9	1.16	5.1	1.43	0.61	1.62
PB-76214	Rock	14.3	0.5	0.5	0.7	<1	520.5	<0.1	<0.2	<0.1	134	<0.5	11.9	5.9	3.4	7.5	1.00	5.0	1.13	0.53	1.18
PB-76215	Rock	16.7	0.5	2.5	1.5	<1	721.7	0.1	<0.2	<0.1	154	<0.5	10.8	7.8	3.9	10.3	1.33	5.1	1.43	0.82	1.40
PB-76216	Rock	14.5	0.5	1.9	1.0	<1	627.4	0.3	<0.2	<0.1	203	<0.5	14.8	10.4	4.6	10.9	1.56	5.4	1.49	0.74	1.95
PB-76217	Rock	17.0	0.7	2.0	2.7	<1	953.3	0.2	<0.2	0.1	249	<0.5	17.9	9.0	6.4	13.7	1.79	9.9	1.93	0.85	1.89
PB-76218 DUP PB76217	Rock	16.5	0.6	2.4	2.5	<1	956.7	0.3	<0.2	<0.1	235	<0.5	18.3	7.7	6.2	13.1	1.76	9.9	1.93	0.85	2.04
PB-76219	Rock	15.2	0.5	4.3	1.3	<1	565.8	0.1	<0.2	<0.1	244	<0.5	14.3	9.8	5.1	10.2	1.49	7.3	1.68	0.74	1.72
PB-76220	Rock	18.2	0.6	14.0	0.9	<1	650.4	0.2	<0.2	<0.1	832	<0.5	18.0	10.6	4.7	11.4	1.67	7.4	1.99	0.67	2.18
PB-76221	Rock Pulp	15.1	2.5	2.6	14.0	2	356.3	0.2	1.6	0.3	102	2.8	81.7	17.3	11.0	25.6	3.02	15.9	3.28	1.35	3.68
PB-76222	Rock	15.3	0.5	1.4	1.5	<1	678.0	0.1	<0.2	<0.1	162	<0.5	15.0	10.1	4.2	10.6	1.56	7.4	2.15	0.77	2.29
PB-76223	Rock	19.3	0.3	10.8	1.1	<1	679.6	0.6	0.3	0.2	426	<0.5	20.9	20.4	18.5	44.9	5.99	28.4	5.45	1.98	5.61
PB-76224	Rock	14.8	0.4	1.5	0.8	<1	507.8	0.3	<0.2	<0.1	233	<0.5	12.6	9.0	3.8	8.9	1.21	4.6	1.39	0.79	1.54
PB-76225	Rock	14.2	0.8	1.1	0.9	<1	496.0	<0.1	<0.2	<0.1	144	<0.5	14.1	6.9	2.8	7.0	0.95	4.8	1.16	0.57	1.50
PB-76226	Rock	<0.5	<0.1	<0.1	0.7	<1	172.9	<0.1	<0.2	0.1	<8	<0.5	0.7	0.2	0.5	0.6	0.03	<0.3	<0.05	<0.02	<0.05
PB-76227	Rock	15.2	0.4	0.2	0.4	<1	494.4	<0.1	<0.2	<0.1	150	<0.5	9.2	9.1	3.9	8.9	1.16	5.2	1.49	0.86	1.65

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Project: 2419
Report Date: November 26, 2012

CERTIFICATE OF ANALYSIS VAN12005202.1

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	As	Au	Cd	Sb	Bi
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.1	0.2	0.01	0.02	0.02
G1	Prep Blank	0.47	2.94	0.57	1.76	0.26	1.88	0.29	0.09	1.54	2.68	48.8	13	4.2	4.5	613	0.3	1.2	<0.01	0.03	<0.02
G1	Prep Blank	0.47	2.80	0.62	1.57	0.27	1.78	0.29	0.09	1.53	2.48	52.7	13	4.6	4.4	627	<0.1	0.5	<0.01	0.03	<0.02
PB-76200	Rock	0.27	1.66	0.39	1.05	0.16	1.01	0.13	0.09	156.2	0.73	20.7	99	118.5	18.6	301	1.3	0.8	0.13	0.10	<0.02
PB-76201	Rock Pulp	0.74	4.06	0.71	2.00	0.27	1.77	0.22	0.53	39.32	0.54	65.3	22	110.2	28.9	442	0.3	<0.2	0.01	0.03	<0.02
PB-76202	Rock	0.32	1.77	0.45	1.25	0.20	1.30	0.20	0.14	57.45	0.46	16.1	153	144.6	39.5	251	52.8	7.7	<0.01	1.21	<0.02
PB-76203	Rock	0.43	2.69	0.50	1.44	0.19	1.32	0.18	0.02	43.94	0.87	5.9	19	27.5	11.5	114	0.2	<0.2	<0.01	<0.02	<0.02
PB-76204	Rock	0.06	0.30	0.06	0.23	0.03	0.15	0.03	<0.01	75.28	<0.01	43.4	26	751.1	109.7	1191	<0.1	1.5	<0.01	<0.02	<0.02
PB-76205	Rock	0.99	5.77	1.11	3.12	0.48	3.29	0.42	0.18	32.75	0.93	53.0	31	21.6	24.2	470	0.5	1.6	0.05	0.12	<0.02
PB-76206	Rock	0.11	0.63	0.13	0.43	0.05	0.32	0.06	0.05	14.75	0.42	47.7	11	21.0	26.4	477	0.5	2.6	<0.01	0.02	<0.02
PB-76207	Rock	0.30	1.90	0.43	1.03	0.17	0.97	0.15	0.04	28.75	0.60	15.9	23	41.7	13.3	130	<0.1	1.7	0.02	<0.02	<0.02
PB-76208	Rock	0.19	1.26	0.24	0.76	0.11	0.60	0.10	<0.01	49.40	0.54	19.4	12	113.6	38.1	341	<0.1	1.1	0.01	<0.02	<0.02
PB-76209	Rock	0.23	1.33	0.28	0.78	0.11	0.94	0.12	0.02	36.21	0.34	19.2	25	47.7	16.3	185	0.5	2.6	0.01	<0.02	<0.02
PB-76210	Rock	0.33	1.85	0.39	1.01	0.16	0.93	0.14	0.08	31.52	0.35	62.4	18	21.4	22.0	131	0.1	2.2	0.02	<0.02	<0.02
PB-76211	Rock	0.23	1.38	0.29	0.82	0.12	0.70	0.13	<0.01	58.68	0.70	26.8	21	35.4	26.8	154	0.5	1.7	0.03	<0.02	<0.02
PB-76212	Rock	0.14	0.83	0.19	0.49	0.07	0.44	0.07	<0.01	51.57	0.58	12.8	13	37.1	23.2	217	0.4	0.8	0.04	<0.02	<0.02
PB-76213	Rock	0.25	1.55	0.31	0.93	0.12	0.78	0.12	0.02	38.42	0.74	6.3	22	38.8	14.9	94	1.0	1.2	0.02	<0.02	<0.02
PB-76214	Rock	0.19	1.01	0.26	0.60	0.10	0.61	0.10	0.07	31.80	0.50	21.8	24	48.1	21.2	219	5.5	0.5	<0.01	0.09	<0.02
PB-76215	Rock	0.24	1.60	0.28	0.90	0.11	0.82	0.12	0.03	22.08	0.26	23.8	17	18.1	15.0	288	0.3	1.1	0.03	0.03	<0.02
PB-76216	Rock	0.32	1.84	0.32	1.13	0.20	0.98	0.12	0.06	27.85	0.64	23.1	14	19.3	16.8	192	<0.1	0.8	0.05	0.04	0.02
PB-76217	Rock	0.28	1.58	0.31	1.05	0.13	0.85	0.13	0.06	54.52	0.82	43.6	22	35.9	26.1	341	0.1	0.8	0.04	0.03	<0.02
PB-76218 DUP PB76217	Rock	0.28	1.75	0.35	1.14	0.11	1.02	0.13	0.04	53.33	0.85	44.4	21	35.0	27.2	375	<0.1	0.8	0.02	<0.02	<0.02
PB-76219	Rock	0.28	2.05	0.29	1.13	0.13	0.88	0.16	0.08	54.00	0.77	11.7	20	68.2	13.4	91	<0.1	1.3	0.02	<0.02	<0.02
PB-76220	Rock	0.33	1.92	0.38	1.26	0.14	1.07	0.15	0.07	66.85	0.78	27.7	16	20.7	24.9	93	<0.1	<0.2	0.01	<0.02	<0.02
PB-76221	Rock Pulp	0.57	3.29	0.67	1.85	0.26	1.57	0.23	2.81	2474	9.33	47.0	778	2156	71.7	384	<0.1	20.5	0.32	0.10	0.24
PB-76222	Rock	0.38	2.51	0.44	1.25	0.18	1.18	0.14	<0.01	20.73	0.82	8.4	14	20.1	8.9	121	<0.1	0.3	0.02	<0.02	<0.02
PB-76223	Rock	0.74	3.79	0.72	2.19	0.29	1.74	0.24	0.20	29.67	0.76	52.2	35	17.9	16.2	253	0.3	0.3	0.07	<0.02	<0.02
PB-76224	Rock	0.26	1.55	0.29	0.91	0.14	0.83	0.12	0.03	33.26	0.66	9.9	11	33.0	12.0	111	<0.1	0.5	<0.01	<0.02	<0.02
PB-76225	Rock	0.22	1.45	0.26	0.81	0.10	0.72	0.10	0.02	51.89	0.55	9.7	27	17.2	14.3	129	<0.1	<0.2	0.06	<0.02	<0.02
PB-76226	Rock	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01	0.04	0.82	2.13	12.4	4	0.2	0.5	361	0.2	<0.2	0.08	0.05	<0.02
PB-76227	Rock	0.25	2.05	0.35	1.17	0.18	1.12	0.21	0.07	56.67	0.66	7.7	19	92.5	10.7	83	<0.1	0.7	0.03	<0.02	<0.02

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Project: 2419
Report Date: November 26, 2012

CERTIFICATE OF ANALYSIS VAN12005202.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	3BMS	3BMS	3BMS
Analyte		Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt	Au	Pt	Pd
Unit		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppb	ppb	ppb
MDL		0.5	1	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2	1	0.1	0.5
G1	Prep Blank	8.9	<1	0.33	<5	<0.1	<0.02	<0.1	<0.02	<1	0.2	29.5	<10	<2	3	0.2	<0.5
G1	Prep Blank	8.7	<1	0.34	<5	<0.1	<0.02	0.3	<0.02	<1	0.2	29.5	<10	<2	5	0.1	<0.5
PB-76200	Rock	509.0	2	<0.02	20	<0.1	<0.02	<0.1	<0.02	<1	<0.1	14.9	36	9	5	8.1	25.6
PB-76201	Rock Pulp	25.6	<1	<0.02	11	<0.1	<0.02	0.1	<0.02	1	0.3	3.3	12	<2	14	0.3	1.0
PB-76202	Rock	205.1	<1	1.36	35	1.0	0.04	0.2	<0.02	3	<0.1	3.3	<10	5	15	9.9	10.3
PB-76203	Rock	23.1	1	<0.02	19	0.2	<0.02	<0.1	<0.02	<1	0.1	0.8	<10	<2	4	0.1	<0.5
PB-76204	Rock	81.6	30	<0.02	11	0.6	<0.02	0.2	<0.02	<1	<0.1	2.4	<10	<2	4	0.7	1.2
PB-76205	Rock	29.9	2	0.03	82	<0.1	<0.02	<0.1	<0.02	<1	0.2	8.6	<10	<2	4	0.2	<0.5
PB-76206	Rock	71.6	2	<0.02	21	<0.1	<0.02	0.1	<0.02	<1	<0.1	11.1	<10	<2	6	0.9	1.2
PB-76207	Rock	23.9	<1	<0.02	27	<0.1	<0.02	<0.1	<0.02	2	0.2	2.3	<10	<2	5	0.2	0.5
PB-76208	Rock	30.7	<1	<0.02	21	<0.1	<0.02	0.1	<0.02	<1	0.1	1.0	<10	<2	5	0.5	0.8
PB-76209	Rock	40.9	1	<0.02	33	<0.1	<0.02	<0.1	<0.02	2	0.2	1.7	<10	<2	5	0.3	0.6
PB-76210	Rock	48.6	<1	<0.02	46	<0.1	<0.02	<0.1	<0.02	2	<0.1	2.1	<10	<2	4	0.2	<0.5
PB-76211	Rock	88.3	<1	<0.02	62	<0.1	<0.02	<0.1	<0.02	<1	0.2	2.2	<10	<2	3	0.4	0.7
PB-76212	Rock	26.3	1	<0.02	62	<0.1	<0.02	<0.1	<0.02	2	0.2	1.7	<10	<2	5	0.5	0.8
PB-76213	Rock	34.8	2	<0.02	60	<0.1	<0.02	<0.1	<0.02	<1	0.1	1.4	<10	<2	5	0.2	0.5
PB-76214	Rock	85.4	<1	<0.02	20	<0.1	<0.02	<0.1	<0.02	<1	<0.1	5.8	<10	<2	4	0.4	0.7
PB-76215	Rock	39.0	<1	<0.02	13	0.2	<0.02	0.2	<0.02	<1	0.1	5.9	<10	<2	4	0.3	0.7
PB-76216	Rock	29.7	2	<0.02	18	<0.1	<0.02	0.1	<0.02	2	0.2	3.0	<10	<2	4	0.2	<0.5
PB-76217	Rock	47.0	3	<0.02	16	<0.1	<0.02	<0.1	<0.02	<1	0.1	5.5	<10	<2	5	0.5	0.9
PB-76218 DUP PB76217	Rock	46.3	2	<0.02	11	0.1	<0.02	<0.1	<0.02	1	0.2	6.0	<10	<2	5	0.4	0.8
PB-76219	Rock	40.1	<1	<0.02	15	<0.1	<0.02	<0.1	<0.02	1	0.4	0.8	<10	<2	5	0.6	0.9
PB-76220	Rock	32.9	<1	<0.02	12	<0.1	<0.02	<0.1	<0.02	6	0.3	1.2	<10	<2	5	0.2	<0.5
PB-76221	Rock Pulp	62.8	<1	0.05	<5	4.8	0.59	0.3	0.04	15	0.6	8.4	87	45	41	39.9	61.4
PB-76222	Rock	32.8	2	<0.02	20	<0.1	<0.02	<0.1	<0.02	3	0.2	2.2	<10	<2	5	0.1	<0.5
PB-76223	Rock	26.9	3	<0.02	134	0.2	0.04	0.2	0.02	<1	0.1	5.5	<10	<2	6	0.3	0.6
PB-76224	Rock	42.8	<1	<0.02	10	<0.1	<0.02	0.1	<0.02	2	0.1	1.4	<10	2	6	0.4	0.8
PB-76225	Rock	36.7	<1	<0.02	59	<0.1	<0.02	<0.1	<0.02	<1	0.1	1.2	<10	<2	5	0.2	0.5
PB-76226	Rock	0.6	25	0.05	<5	<0.1	<0.02	<0.1	<0.02	2	<0.1	3.8	<10	<2	5	<0.1	0.5
PB-76227	Rock	8.9	<1	<0.02	28	<0.1	<0.02	<0.1	<0.02	<1	0.3	1.9	<10	<2	5	0.4	0.8

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CERTIFICATE OF ANALYSIS VAN12005202.1

	Method	WGHT	7TD	LOI	2A Leco	2A Leco	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Wgt	Ni	LOI	TOT/C	TOT/S	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Sc	Sum	Cs
	Unit	kg	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	ppm
	MDL	0.01	10	-5.1	0.01	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	1	0.01	0.1
PB-76228	Rock	2.18	105	1.8	0.08	0.14	48.15	18.41	7.08	10.11	11.69	1.81	0.17	0.30	<0.01	0.12	0.062	81	28	99.70	<0.1
PB-76229	Rock	2.31	44	1.1	0.10	0.07	50.02	17.73	6.91	8.97	12.71	1.67	0.12	0.27	0.05	0.12	0.035	90	38	99.69	<0.1
PB-76230	Rock	1.74	45	1.0	0.06	0.16	50.03	18.23	6.78	8.89	12.47	1.72	0.11	0.25	0.02	0.11	0.033	100	35	99.68	<0.1
PB-76231	Rock	1.28	64	0.2	0.02	0.08	49.88	16.89	10.36	9.23	10.10	1.84	0.11	0.75	0.05	0.16	0.046	96	35	99.64	<0.1
PB-76232	Rock	1.26	31	0.3	0.05	0.05	48.99	20.29	7.29	7.75	12.62	1.83	0.06	0.38	0.03	0.12	0.010	63	33	99.68	<0.1
PB-76233	Rock	2.37	65	1.0	0.07	0.09	49.13	18.54	9.20	7.65	10.80	2.04	0.14	0.90	0.16	0.13	0.024	96	32	99.72	<0.1
PB-76234	Rock	1.43	117	0.7	0.11	0.16	46.11	17.96	10.60	11.32	10.77	1.49	0.13	0.31	0.04	0.14	0.047	72	22	99.65	<0.1
PB-76235 DUP PB76234	Rock	<0.01	113	0.7	0.11	0.17	46.10	17.96	10.63	11.31	10.75	1.50	0.12	0.32	0.04	0.14	0.047	74	23	99.66	<0.1
PB-76236	Rock	1.82	46	0.3	0.05	0.16	50.08	19.79	9.46	6.03	8.83	3.09	0.22	1.41	0.34	0.14	0.016	133	19	99.69	<0.1
PB-76237	Rock	2.01	81	0.7	0.10	0.17	49.30	19.63	6.84	9.02	11.77	1.79	0.10	0.30	0.03	0.11	0.059	78	30	99.70	<0.1
PB-76238	Rock	2.15	52	0.4	0.09	0.14	47.48	17.14	11.59	8.68	11.19	1.72	0.11	0.95	0.15	0.16	0.029	106	38	99.62	<0.1
PB-76239	Rock	1.49	19	0.1	0.07	0.11	46.45	17.39	14.21	6.42	10.11	2.43	0.10	2.08	0.16	0.18	0.005	102	39	99.64	<0.1
PB-76240	Rock	1.33	<10	40.0	11.48	0.07	8.30	0.03	0.10	22.02	29.04	0.02	<0.01	<0.01	<0.01	0.06	<0.002	98	<1	99.60	0.3
PB-76241	Rock Pulp	0.07	2297	2.0	0.25	1.34	47.71	19.18	10.79	5.66	9.78	2.56	0.57	0.55	0.17	0.15	0.022	256	19	99.46	<0.1
PB-76242	Rock	1.01	52	0.7	0.09	0.14	48.81	20.30	6.32	7.24	14.34	1.54	0.05	0.24	0.03	0.12	0.033	67	35	99.71	<0.1
PB-76243	Rock	2.28	73	1.6	0.07	0.13	48.51	17.14	10.16	8.69	10.84	1.78	0.10	0.62	0.03	0.15	0.040	89	36	99.66	<0.1
PB-76244	Rock	1.75	59	0.2	0.11	0.14	49.79	17.70	8.47	7.80	12.71	1.92	0.12	0.79	0.05	0.14	0.023	116	45	99.70	<0.1
PB-76245	Rock	1.50	39	2.4	0.17	0.19	45.28	17.39	11.13	8.23	11.70	2.02	0.15	1.17	0.01	0.13	0.009	89	42	99.65	<0.1
PB-76246	Rock	1.30	38	2.1	0.14	0.15	45.43	17.32	11.28	8.36	11.74	1.97	0.16	1.13	0.02	0.13	0.009	88	42	99.64	0.1
PB-76247	Rock	1.70	54	1.1	0.11	0.11	49.22	17.55	7.28	9.78	12.69	1.59	0.10	0.27	0.01	0.13	0.036	68	37	99.73	0.1
PB-76248	Rock	1.34	49	0.9	0.06	0.12	48.97	21.61	5.08	7.78	12.96	1.94	0.16	0.18	0.02	0.09	0.027	108	26	99.77	<0.1
PB-76249	Rock	1.75	49	0.6	0.07	0.09	50.26	16.54	9.43	8.30	11.30	2.06	0.14	0.86	0.03	0.15	0.038	111	39	99.69	<0.1
PB-76250	Rock	1.82	155	0.7	0.06	0.22	45.21	15.98	10.25	14.01	11.54	1.26	0.08	0.31	0.02	0.15	0.084	47	30	99.67	<0.1

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Project: 2419
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CERTIFICATE OF ANALYSIS VAN12005202.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
PB-76228	Rock	12.9	0.6	0.5	1.6	<1	584.4	<0.1	<0.2	<0.1	107	<0.5	13.2	6.8	4.0	8.8	1.07	4.5	1.09	0.54	1.19
PB-76229	Rock	13.4	0.2	<0.1	1.2	<1	632.7	<0.1	<0.2	<0.1	140	<0.5	9.0	7.0	3.3	6.9	1.00	3.6	1.14	0.58	1.40
PB-76230	Rock	13.7	0.5	<0.1	1.0	<1	669.1	<0.1	<0.2	<0.1	141	<0.5	8.6	6.6	3.3	7.6	0.97	4.1	1.25	0.57	1.28
PB-76231	Rock	15.4	0.2	0.8	0.4	<1	659.3	0.1	<0.2	<0.1	230	<0.5	9.7	5.9	3.8	7.6	1.07	5.7	1.26	0.79	1.25
PB-76232	Rock	16.9	0.3	0.3	0.3	<1	782.9	<0.1	<0.2	<0.1	165	<0.5	7.1	5.6	2.6	5.8	0.79	3.1	0.99	0.49	0.95
PB-76233	Rock	16.1	0.3	1.8	0.3	<1	479.3	0.1	<0.2	<0.1	193	<0.5	12.0	10.1	5.1	11.1	1.60	7.9	2.00	0.93	2.02
PB-76234	Rock	13.2	0.4	1.2	1.6	<1	454.8	<0.1	<0.2	<0.1	111	<0.5	12.3	6.4	3.4	6.9	0.89	4.0	0.90	0.50	1.04
PB-76235 DUP PB76234	Rock	13.0	0.3	0.3	1.6	<1	448.8	<0.1	<0.2	<0.1	110	<0.5	13.0	5.0	3.6	6.8	0.94	4.6	0.87	0.45	0.85
PB-76236	Rock	17.3	0.2	1.1	1.0	<1	699.0	0.2	<0.2	<0.1	226	<0.5	7.1	4.3	5.0	10.8	1.31	6.4	1.13	1.00	0.98
PB-76237	Rock	13.4	0.4	0.5	0.6	<1	664.5	0.1	<0.2	<0.1	129	<0.5	9.9	5.3	3.1	6.9	0.92	4.9	1.03	0.53	0.96
PB-76238	Rock	16.7	0.7	0.6	0.6	<1	881.4	<0.1	<0.2	<0.1	373	<0.5	14.3	9.2	5.8	13.0	1.93	10.0	2.28	0.91	2.18
PB-76239	Rock	18.9	0.4	1.1	0.2	<1	786.8	<0.1	<0.2	<0.1	495	<0.5	10.7	8.5	4.3	7.9	1.23	6.1	1.65	0.87	1.72
PB-76240	Rock	<0.5	0.1	0.6	<0.1	<1	157.3	0.1	<0.2	0.5	9	<0.5	1.7	0.7	1.3	1.5	0.07	<0.3	<0.05	<0.02	0.13
PB-76241	Rock Pulp	16.3	1.3	2.9	12.0	1	372.1	0.1	1.5	0.3	102	2.7	88.3	18.6	12.0	26.1	3.26	16.5	3.39	1.33	3.58
PB-76242	Rock	14.3	0.2	0.1	0.2	<1	798.4	<0.1	<0.2	<0.1	107	<0.5	9.3	7.0	3.6	8.3	1.14	6.7	1.43	0.72	1.35
PB-76243	Rock	16.0	0.5	0.6	0.5	<1	663.4	<0.1	<0.2	<0.1	243	<0.5	14.6	9.0	4.7	10.6	1.40	6.4	1.75	0.78	1.83
PB-76244	Rock	17.1	0.8	2.5	0.3	<1	701.7	0.1	<0.2	<0.1	164	<0.5	18.4	15.9	6.0	16.2	2.42	10.4	2.97	1.25	3.15
PB-76245	Rock	17.1	0.7	1.0	0.7	<1	704.5	0.1	<0.2	<0.1	419	<0.5	15.7	12.5	3.7	10.3	1.63	8.4	2.43	0.91	2.49
PB-76246	Rock	16.7	1.0	0.9	0.9	<1	739.3	<0.1	<0.2	<0.1	406	<0.5	15.2	13.1	3.4	9.0	1.60	6.6	2.34	0.82	2.47
PB-76247	Rock	13.2	0.3	<0.1	<0.1	<1	618.4	0.2	<0.2	<0.1	139	<0.5	10.6	7.7	3.5	7.0	0.99	4.3	1.37	0.62	1.60
PB-76248	Rock	15.0	0.2	0.2	0.4	<1	661.5	0.1	<0.2	<0.1	101	<0.5	9.6	3.9	3.9	5.9	0.83	3.0	0.59	0.50	1.06
PB-76249	Rock	14.9	0.6	0.6	0.4	<1	531.9	<0.1	<0.2	<0.1	273	<0.5	12.4	9.8	3.4	7.7	1.15	6.6	1.52	0.87	1.69
PB-76250	Rock	12.2	0.2	0.2	0.7	<1	372.1	<0.1	<0.2	<0.1	127	<0.5	15.1	6.7	3.2	6.0	0.92	2.7	1.15	0.50	1.41

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	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	As	Au	Cd	Sb	Bi
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
	MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.1	0.2	0.01	0.02	0.02
PB-76228	Rock	0.19	1.19	0.25	0.56	0.10	0.66	0.09	0.03	38.94	0.71	9.5	10	49.7	20.5	189	1.4	<0.2	0.01	<0.02	<0.02
PB-76229	Rock	0.22	1.45	0.35	0.86	0.11	0.83	0.09	0.04	31.99	0.94	6.1	15	22.4	12.9	115	0.1	<0.2	0.02	<0.02	<0.02
PB-76230	Rock	0.20	1.47	0.27	0.70	0.11	0.74	0.09	0.03	29.21	0.86	6.4	17	21.0	12.1	111	<0.1	<0.2	0.02	<0.02	<0.02
PB-76231	Rock	0.20	1.45	0.24	0.82	0.10	0.74	0.12	0.06	53.38	0.70	7.8	22	45.7	13.2	74	<0.1	<0.2	0.01	<0.02	<0.02
PB-76232	Rock	0.16	1.10	0.20	0.67	0.09	0.50	0.07	0.01	23.70	0.60	3.1	6	15.5	7.0	66	<0.1	<0.2	0.02	<0.02	<0.02
PB-76233	Rock	0.30	1.82	0.40	1.18	0.17	0.96	0.15	0.04	38.71	0.95	21.0	29	36.9	13.8	153	<0.1	<0.2	0.04	0.03	<0.02
PB-76234	Rock	0.16	0.74	0.26	0.68	0.09	0.53	0.06	0.05	50.41	0.75	8.8	20	81.8	37.2	395	<0.1	<0.2	0.03	<0.02	<0.02
PB-76235 DUP PB76234	Rock	0.17	0.85	0.20	0.66	0.09	0.67	0.08	0.05	51.92	0.69	9.5	20	83.3	38.0	380	0.3	<0.2	0.03	<0.02	<0.02
PB-76236	Rock	0.15	0.94	0.19	0.51	0.06	0.49	0.05	0.07	38.42	0.36	14.6	48	31.1	13.1	104	<0.1	<0.2	0.02	<0.02	<0.02
PB-76237	Rock	0.16	1.26	0.26	0.65	0.10	0.56	0.09	0.02	49.31	0.87	4.9	19	46.3	12.6	104	<0.1	0.3	0.03	<0.02	<0.02
PB-76238	Rock	0.28	1.87	0.33	1.14	0.14	0.83	0.11	0.04	58.96	0.69	15.6	23	40.9	18.2	74	<0.1	<0.2	0.03	<0.02	<0.02
PB-76239	Rock	0.25	1.70	0.26	0.84	0.10	0.71	0.07	0.05	36.55	0.33	36.7	23	14.0	17.4	89	<0.1	<0.2	<0.01	<0.02	<0.02
PB-76240	Rock	<0.01	0.13	<0.02	<0.03	<0.01	<0.05	<0.01	0.03	0.46	7.14	8.9	12	<0.1	0.4	352	<0.1	<0.2	0.06	0.03	0.06
PB-76241	Rock Pulp	0.56	3.35	0.79	2.06	0.27	1.66	0.26	2.74	2366	9.08	48.2	811	2058	67.0	347	<0.1	47.1	0.29	0.06	0.25
PB-76242	Rock	0.24	1.61	0.29	0.83	0.14	0.79	0.10	0.02	28.95	0.72	3.9	19	29.2	7.2	70	<0.1	2.1	0.02	<0.02	<0.02
PB-76243	Rock	0.32	1.98	0.38	1.12	0.18	1.14	0.16	0.05	47.40	0.70	22.1	21	43.0	19.5	150	0.2	<0.2	0.03	<0.02	<0.02
PB-76244	Rock	0.52	3.40	0.66	1.88	0.28	1.65	0.20	0.02	36.29	0.76	6.7	21	31.1	9.2	76	<0.1	<0.2	0.01	<0.02	<0.02
PB-76245	Rock	0.41	2.61	0.46	1.49	0.19	1.26	0.17	0.01	59.14	0.57	33.4	12	23.2	31.8	300	0.7	<0.2	0.03	<0.02	<0.02
PB-76246	Rock	0.41	3.00	0.49	1.36	0.20	1.08	0.18	0.02	35.46	0.65	33.4	18	18.8	26.9	253	0.4	1.7	0.04	<0.02	<0.02
PB-76247	Rock	0.23	1.37	0.27	0.71	0.13	0.83	0.08	0.03	25.52	0.52	8.0	9	25.0	14.3	130	1.1	<0.2	0.03	<0.02	<0.02
PB-76248	Rock	0.13	0.91	0.16	0.51	0.09	0.72	0.07	0.02	33.40	0.67	5.8	11	28.0	10.7	95	<0.1	<0.2	0.02	<0.02	<0.02
PB-76249	Rock	0.28	1.83	0.36	1.15	0.16	1.11	0.18	0.04	30.26	0.50	10.1	27	28.4	11.3	109	<0.1	0.4	0.04	<0.02	<0.02
PB-76250	Rock	0.20	1.06	0.21	0.77	0.10	0.50	0.11	0.04	76.79	0.58	13.8	11	110.8	45.9	391	0.1	<0.2	0.02	<0.02	<0.02

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Project: 2419
Report Date: November 26, 2012

CERTIFICATE OF ANALYSIS VAN12005202.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	3BMS	3BMS	3BMS
	Analyte	Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt	Au	Pt	Pd
	Unit	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppb	ppb	ppb
	MDL	0.5	1	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2	1	0.1	0.5
PB-76228	Rock	65.4	<1	<0.02	26	<0.1	<0.02	<0.1	<0.02	<1	0.2	3.0	15	<2	5	0.4	0.8
PB-76229	Rock	19.7	<1	<0.02	44	<0.1	<0.02	<0.1	<0.02	<1	0.2	1.6	<10	<2	5	0.2	0.5
PB-76230	Rock	18.7	<1	<0.02	79	<0.1	<0.02	<0.1	<0.02	2	0.2	1.3	<10	<2	4	0.2	<0.5
PB-76231	Rock	24.1	<1	<0.02	23	<0.1	0.02	<0.1	<0.02	1	0.2	1.9	<10	<2	5	0.5	0.9
PB-76232	Rock	8.9	<1	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	0.1	1.0	<10	<2	4	<0.1	<0.5
PB-76233	Rock	35.9	<1	<0.02	39	<0.1	<0.02	<0.1	<0.02	<1	0.2	2.9	<10	<2	4	0.2	<0.5
PB-76234	Rock	50.4	2	<0.02	16	0.3	<0.02	<0.1	<0.02	<1	0.1	1.3	<10	<2	4	0.4	0.7
PB-76235 DUP PB76234	Rock	44.0	1	<0.02	25	<0.1	<0.02	<0.1	<0.02	2	0.1	1.0	<10	<2	5	0.4	0.8
PB-76236	Rock	24.5	<1	<0.02	21	<0.1	<0.02	<0.1	<0.02	3	<0.1	1.2	<10	<2	5	0.6	1.2
PB-76237	Rock	31.1	<1	<0.02	60	<0.1	<0.02	<0.1	<0.02	<1	0.2	1.0	<10	<2	5	0.3	0.5
PB-76238	Rock	100.5	<1	<0.02	10	<0.1	<0.02	<0.1	<0.02	2	0.2	1.5	13	<2	5	0.4	0.9
PB-76239	Rock	21.6	1	<0.02	5	<0.1	<0.02	0.2	<0.02	2	<0.1	0.7	<10	<2	5	0.1	<0.5
PB-76240	Rock	<0.5	19	0.04	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	4.0	<10	<2	4	<0.1	<0.5
PB-76241	Rock Pulp	61.5	<1	0.06	<5	4.4	0.78	0.3	0.02	9	0.3	7.8	68	28	45	42.9	63.1
PB-76242	Rock	10.5	<1	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	0.2	0.6	<10	<2	4	<0.1	<0.5
PB-76243	Rock	87.0	<1	<0.02	24	0.2	<0.02	0.1	<0.02	1	0.2	2.6	<10	<2	5	0.2	0.5
PB-76244	Rock	19.6	<1	<0.02	11	<0.1	<0.02	<0.1	<0.02	<1	0.4	1.3	<10	<2	4	0.1	<0.5
PB-76245	Rock	23.5	1	<0.02	48	0.1	<0.02	0.1	<0.02	<1	<0.1	4.1	<10	<2	5	0.1	<0.5
PB-76246	Rock	20.4	2	<0.02	62	0.1	<0.02	0.1	<0.02	<1	<0.1	3.4	<10	<2	5	0.1	<0.5
PB-76247	Rock	27.2	<1	<0.02	32	<0.1	<0.02	<0.1	<0.02	<1	0.1	2.1	<10	<2	5	0.3	<0.5
PB-76248	Rock	16.3	<1	<0.02	5	0.1	<0.02	<0.1	<0.02	<1	0.1	1.0	<10	<2	5	0.3	0.5
PB-76249	Rock	24.4	<1	<0.02	28	<0.1	<0.02	<0.1	<0.02	<1	0.1	1.3	<10	<2	5	0.2	<0.5
PB-76250	Rock	54.3	2	<0.02	18	<0.1	<0.02	0.1	<0.02	<1	<0.1	0.8	<10	<2	5	0.6	1.0

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Project: 2419
Report Date: November 26, 2012

QUALITY CONTROL REPORT VAN12005202.1

Method		WGHT	7TD	LOI	2A Leco	2A Leco	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		Wgt	Ni	LOI	TOT/C	TOT/S	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ba	Sc	Sum	Cs
Unit		kg	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	ppm
MDL		0.01	10	-5.1	0.01	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	1	1	0.01	0.1
Pulp Duplicates																					
PB-76205	Rock	1.31	26	2.7	0.13	0.10	46.28	16.74	13.14	6.32	8.52	2.73	0.87	1.74	0.39	0.20	0.013	384	38	99.64	<0.1
REP PB-76205	QC				0.13	0.14															
PB-76215	Rock	2.27	27	2.2	0.05	0.04	49.72	18.50	7.90	7.18	10.82	2.45	0.20	0.48	0.09	0.13	0.020	101	32	99.73	<0.1
REP PB-76215	QC																				
PB-76220	Rock	2.33	26	0.3	0.06	0.21	44.32	16.85	15.46	7.84	11.33	1.61	0.15	1.57	<0.01	0.16	0.009	99	44	99.59	<0.1
REP PB-76220	QC																				
PB-76223	Rock	1.12	26	1.2	0.15	0.07	47.70	17.39	13.20	4.81	8.41	3.09	0.25	2.38	1.06	0.18	0.009	175	31	99.66	<0.1
REP PB-76223	QC		26				47.81	17.70	12.93	4.74	8.40	3.03	0.25	2.36	1.04	0.18	0.009	170	31	99.65	<0.1
PB-76228	Rock	2.18	105	1.8	0.08	0.14	48.15	18.41	7.08	10.11	11.69	1.81	0.17	0.30	<0.01	0.12	0.062	81	28	99.70	<0.1
REP PB-76228	QC																				
PB-76233	Rock	2.37	65	1.0	0.07	0.09	49.13	18.54	9.20	7.65	10.80	2.04	0.14	0.90	0.16	0.13	0.024	96	32	99.72	<0.1
REP PB-76233	QC			0.9																	
PB-76239	Rock	1.49	19	0.1	0.07	0.11	46.45	17.39	14.21	6.42	10.11	2.43	0.10	2.08	0.16	0.18	0.005	102	39	99.64	<0.1
REP PB-76239	QC																				
PB-76241	Rock Pulp	0.07	2297	2.0	0.25	1.34	47.71	19.18	10.79	5.66	9.78	2.56	0.57	0.55	0.17	0.15	0.022	256	19	99.46	<0.1
REP PB-76241	QC				0.26	1.41															
PB-76248	Rock	1.34	49	0.9	0.06	0.12	48.97	21.61	5.08	7.78	12.96	1.94	0.16	0.18	0.02	0.09	0.027	108	26	99.77	<0.1
REP PB-76248	QC						48.84	21.73	5.07	7.71	13.02	1.97	0.16	0.18	0.02	0.09	0.027	98	26	99.77	0.1
PB-76250	Rock	1.82	155	0.7	0.06	0.22	45.21	15.98	10.25	14.01	11.54	1.26	0.08	0.31	0.02	0.15	0.084	47	30	99.67	<0.1
REP PB-76250	QC		159	0.6																	
Reference Materials																					
STD CDN-ME-9	Standard		9370																		
STD CDN-ME-14	Standard		18																		
STD CDN-ME-14	Standard		19																		
STD CDN-ME-9	Standard		9200																		
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-19	Standard																				
STD DOLOMITE-2	Standard			45.7																	

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Project: 2419
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QUALITY CONTROL REPORT VAN12005202.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
Pulp Duplicates																					
PB-76205	Rock	21.7	2.7	9.7	11.3	1	540.9	0.5	0.6	0.2	330	<0.5	105.4	30.5	24.3	58.3	7.82	32.8	6.71	1.95	6.40
REP PB-76205	QC																				
PB-76215	Rock	16.7	0.5	2.5	1.5	<1	721.7	0.1	<0.2	<0.1	154	<0.5	10.8	7.8	3.9	10.3	1.33	5.1	1.43	0.82	1.40
REP PB-76215	QC																				
PB-76220	Rock	18.2	0.6	14.0	0.9	<1	650.4	0.2	<0.2	<0.1	832	<0.5	18.0	10.6	4.7	11.4	1.67	7.4	1.99	0.67	2.18
REP PB-76220	QC																				
PB-76223	Rock	19.3	0.3	10.8	1.1	<1	679.6	0.6	0.3	0.2	426	<0.5	20.9	20.4	18.5	44.9	5.99	28.4	5.45	1.98	5.61
REP PB-76223	QC	18.5	0.4	10.4	1.4	<1	683.9	0.7	0.3	0.2	415	<0.5	21.2	21.2	18.9	42.4	5.90	26.6	5.62	2.11	5.36
PB-76228	Rock	12.9	0.6	0.5	1.6	<1	584.4	<0.1	<0.2	<0.1	107	<0.5	13.2	6.8	4.0	8.8	1.07	4.5	1.09	0.54	1.19
REP PB-76228	QC																				
PB-76233	Rock	16.1	0.3	1.8	0.3	<1	479.3	0.1	<0.2	<0.1	193	<0.5	12.0	10.1	5.1	11.1	1.60	7.9	2.00	0.93	2.02
REP PB-76233	QC																				
PB-76239	Rock	18.9	0.4	1.1	0.2	<1	786.8	<0.1	<0.2	<0.1	495	<0.5	10.7	8.5	4.3	7.9	1.23	6.1	1.65	0.87	1.72
REP PB-76239	QC																				
PB-76241	Rock Pulp	16.3	1.3	2.9	12.0	1	372.1	0.1	1.5	0.3	102	2.7	88.3	18.6	12.0	26.1	3.26	16.5	3.39	1.33	3.58
REP PB-76241	QC																				
PB-76248	Rock	15.0	0.2	0.2	0.4	<1	661.5	0.1	<0.2	<0.1	101	<0.5	9.6	3.9	3.9	5.9	0.83	3.0	0.59	0.50	1.06
REP PB-76248	QC	14.1	0.2	0.1	0.5	<1	632.8	<0.1	<0.2	<0.1	98	<0.5	8.4	4.3	2.8	6.5	0.74	3.3	0.80	0.42	1.01
PB-76250	Rock	12.2	0.2	0.2	0.7	<1	372.1	<0.1	<0.2	<0.1	127	<0.5	15.1	6.7	3.2	6.0	0.92	2.7	1.15	0.50	1.41
REP PB-76250	QC																				
Reference Materials																					
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-19	Standard																				
STD DOLOMITE-2	Standard																				

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QUALITY CONTROL REPORT VAN12005202.1

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	As	Au	Cd	Sb	Bi
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
	MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.1	0.2	0.01	0.02	0.02
Pulp Duplicates																					
PB-76205	Rock	0.99	5.77	1.11	3.12	0.48	3.29	0.42	0.18	32.75	0.93	53.0	31	21.6	24.2	470	0.5	1.6	0.05	0.12	<0.02
REP PB-76205	QC																				
PB-76215	Rock	0.24	1.60	0.28	0.90	0.11	0.82	0.12	0.03	22.08	0.26	23.8	17	18.1	15.0	288	0.3	1.1	0.03	0.03	<0.02
REP PB-76215	QC								0.04	21.65	0.31	23.7	19	17.5	14.6	290	0.3	0.3	0.03	0.05	<0.02
PB-76220	Rock	0.33	1.92	0.38	1.26	0.14	1.07	0.15	0.07	66.85	0.78	27.7	16	20.7	24.9	93	<0.1	<0.2	0.01	<0.02	<0.02
REP PB-76220	QC																				
PB-76223	Rock	0.74	3.79	0.72	2.19	0.29	1.74	0.24	0.20	29.67	0.76	52.2	35	17.9	16.2	253	0.3	0.3	0.07	<0.02	<0.02
REP PB-76223	QC	0.72	3.99	0.78	2.03	0.26	1.44	0.23													
PB-76228	Rock	0.19	1.19	0.25	0.56	0.10	0.66	0.09	0.03	38.94	0.71	9.5	10	49.7	20.5	189	1.4	<0.2	0.01	<0.02	<0.02
REP PB-76228	QC								0.05	42.77	0.76	10.4	9	50.9	18.8	190	1.6	<0.2	0.02	<0.02	<0.02
PB-76233	Rock	0.30	1.82	0.40	1.18	0.17	0.96	0.15	0.04	38.71	0.95	21.0	29	36.9	13.8	153	<0.1	<0.2	0.04	0.03	<0.02
REP PB-76233	QC																				
PB-76239	Rock	0.25	1.70	0.26	0.84	0.10	0.71	0.07	0.05	36.55	0.33	36.7	23	14.0	17.4	89	<0.1	<0.2	<0.01	<0.02	<0.02
REP PB-76239	QC								0.04	37.34	0.33	35.8	25	13.6	17.1	94	<0.1	<0.2	0.01	<0.02	<0.02
PB-76241	Rock Pulp	0.56	3.35	0.79	2.06	0.27	1.66	0.26	2.74	2366	9.08	48.2	811	2058	67.0	347	<0.1	47.1	0.29	0.06	0.25
REP PB-76241	QC																				
PB-76248	Rock	0.13	0.91	0.16	0.51	0.09	0.72	0.07	0.02	33.40	0.67	5.8	11	28.0	10.7	95	<0.1	<0.2	0.02	<0.02	<0.02
REP PB-76248	QC	0.11	0.80	0.16	0.48	0.07	0.60	0.04													
PB-76250	Rock	0.20	1.06	0.21	0.77	0.10	0.50	0.11	0.04	76.79	0.58	13.8	11	110.8	45.9	391	0.1	<0.2	0.02	<0.02	<0.02
REP PB-76250	QC																				
Reference Materials																					
STD CDN-ME-9	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-14	Standard																				
STD CDN-ME-9	Standard																				
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-19	Standard																				
STD DOLOMITE-2	Standard																				

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800 - 700 W. Pender St.
Vancouver BC V6C 1G8 Canada

Project: 2419
Report Date: November 26, 2012

QUALITY CONTROL REPORT VAN12005202.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	3BMS	3BMS	3BMS
Analyte		Cr	B	Tl	Hg	Se	Te	Ge	In	Re	Be	Li	Pd	Pt	Au	Pt	Pd
Unit		ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	ppb	ppb	ppb
MDL		0.5	1	0.02	5	0.1	0.02	0.1	0.02	1	0.1	0.1	10	2	1	0.1	0.5
Pulp Duplicates																	
PB-76205	Rock	29.9	2	0.03	82	<0.1	<0.02	<0.1	<0.02	<1	0.2	8.6	<10	<2	4	0.2	<0.5
REP PB-76205	QC																
PB-76215	Rock	39.0	<1	<0.02	13	0.2	<0.02	0.2	<0.02	<1	0.1	5.9	<10	<2	4	0.3	0.7
REP PB-76215	QC	37.6	1	<0.02	22	<0.1	0.04	<0.1	<0.02	<1	<0.1	5.8	<10	<2			
PB-76220	Rock	32.9	<1	<0.02	12	<0.1	<0.02	<0.1	<0.02	6	0.3	1.2	<10	<2	5	0.2	<0.5
REP PB-76220	QC														4	0.8	1.7
PB-76223	Rock	26.9	3	<0.02	134	0.2	0.04	0.2	0.02	<1	0.1	5.5	<10	<2	6	0.3	0.6
REP PB-76223	QC																
PB-76228	Rock	65.4	<1	<0.02	26	<0.1	<0.02	<0.1	<0.02	<1	0.2	3.0	15	<2	5	0.4	0.8
REP PB-76228	QC	66.6	1	<0.02	25	<0.1	<0.02	<0.1	<0.02	2	<0.1	2.9	<10	<2			
PB-76233	Rock	35.9	<1	<0.02	39	<0.1	<0.02	<0.1	<0.02	<1	0.2	2.9	<10	<2	4	0.2	<0.5
REP PB-76233	QC																
PB-76239	Rock	21.6	1	<0.02	5	<0.1	<0.02	0.2	<0.02	2	<0.1	0.7	<10	<2	5	0.1	<0.5
REP PB-76239	QC	22.2	<1	<0.02	<5	<0.1	<0.02	0.1	<0.02	<1	<0.1	0.8	<10	<2			
PB-76241	Rock Pulp	61.5	<1	0.06	<5	4.4	0.78	0.3	0.02	9	0.3	7.8	68	28	45	42.9	63.1
REP PB-76241	QC																
PB-76248	Rock	16.3	<1	<0.02	5	0.1	<0.02	<0.1	<0.02	<1	0.1	1.0	<10	<2	5	0.3	0.5
REP PB-76248	QC																
PB-76250	Rock	54.3	2	<0.02	18	<0.1	<0.02	0.1	<0.02	<1	<0.1	0.8	<10	<2	5	0.6	1.0
REP PB-76250	QC														5	0.9	1.1
Reference Materials																	
STD CDN-ME-9	Standard																
STD CDN-ME-14	Standard																
STD CDN-ME-14	Standard																
STD CDN-ME-9	Standard																
STD CDN-PGMS-19	Standard														208	97.6	470.0
STD CDN-PGMS-19	Standard														197	91.6	446.5
STD DOLOMITE-2	Standard																

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Project: 2419
Report Date: November 26, 2012

QUALITY CONTROL REPORT VAN12005202.1

		WGHT Wgt kg 0.01	7TD Ni ppm 10	LOI 2A Leco LOI % -5.1	2A Leco TOT/C % 0.01	2A Leco TOT/S % 0.01	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01	4A-4B Na2O % 0.01	4A-4B K2O % 0.01	4A-4B TiO2 % 0.01	4A-4B P2O5 % 0.01	4A-4B MnO % 0.01	4A-4B Cr2O3 % 0.002	4A-4B Ba ppm 1	4A-4B Sc ppm 1	4A-4B Sum % 0.01	4A-4B Cs ppm 0.1
STD DOLOMITE-2	Standard			45.7																	
STD DS9	Standard																				
STD DS9	Standard																				
STD GS311-1	Standard				0.97	2.24															
STD GS311-1	Standard				1.03	2.25															
STD GS910-4	Standard				2.65	8.22															
STD GS910-4	Standard				2.85	8.38															
STD PD1	Standard																				
STD PD1	Standard																				
STD SO-18	Standard						58.05	14.11	7.53	3.41	6.28	3.73	2.16	0.70	0.84	0.40	0.555	516	25	99.65	6.9
STD SO-18	Standard						57.79	14.11	7.85	3.41	6.26	3.73	2.15	0.69	0.82	0.40	0.554	520	25	99.67	7.1
STD SO-18	Standard						58.08	13.99	7.60	3.37	6.28	3.77	2.19	0.70	0.81	0.40	0.563	525	24	99.67	6.8
STD SO-18	Standard						58.11	13.85	7.69	3.39	6.29	3.74	2.17	0.69	0.85	0.40	0.558	494	24	99.65	7.0
STD SO-18	Standard						58.13	14.08	7.60	3.37	6.27	3.73	2.18	0.70	0.83	0.40	0.559	514	25	99.74	7.1
STD SO-18	Standard						58.17	14.14	7.49	3.37	6.26	3.78	2.17	0.70	0.81	0.40	0.559	507	24	99.75	7.1
STD DOLOMITE-2 Expected				45.9																	
STD PD1 Expected																					
STD CDN-PGMS-19																					
STD CDN-ME-14 Expected			20																		
STD CDN-ME-9 Expected			9120																		
STD GS311-1 Expected					1.02	2.35															
STD GS910-4 Expected					2.65	8.27															
STD DS9 Expected																					
STD SO-18 Expected							58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	514	25		7.1
BLK	Blank				<0.01	<0.01															
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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QUALITY CONTROL REPORT VAN12005202.1

		4A-4B Ga ppm 0.5	4A-4B Hf ppm 0.1	4A-4B Nb ppm 0.1	4A-4B Rb ppm 0.1	4A-4B Sn ppm 1	4A-4B Sr ppm 0.5	4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05
STD DOLOMITE-2	Standard																					
STD DS9	Standard																					
STD DS9	Standard																					
STD GS311-1	Standard																					
STD GS311-1	Standard																					
STD GS910-4	Standard																					
STD GS910-4	Standard																					
STD PD1	Standard																					
STD PD1	Standard																					
STD SO-18	Standard	18.0	9.9	20.5	26.5	14	402.3	7.1	9.7	16.0	207	15.4	284.9	29.5	12.2	26.3	3.30	12.3	3.03	0.81	2.85
STD SO-18	Standard	17.9	9.2	20.9	27.9	13	410.6	7.0	9.7	16.4	205	14.4	302.9	30.7	13.1	27.6	3.42	12.4	3.00	0.87	3.13
STD SO-18	Standard	17.7	9.8	20.5	27.3	14	406.3	6.5	9.9	15.5	203	13.5	290.8	31.0	12.0	27.7	3.33	12.6	2.91	0.90	2.91
STD SO-18	Standard	17.0	9.0	19.3	27.1	14	398.8	6.8	9.8	15.5	200	13.2	282.4	29.8	12.4	26.9	3.36	13.1	2.89	0.86	3.10
STD SO-18	Standard	17.7	9.0	19.4	26.8	12	417.4	7.2	10.1	15.7	208	14.4	290.6	30.1	12.2	26.7	3.25	14.1	2.68	0.88	3.02
STD SO-18	Standard	17.9	9.4	21.4	26.7	14	413.4	6.8	10.2	15.5	204	15.4	293.1	29.8	12.0	27.0	3.31	13.7	2.75	0.86	2.98
STD DOLOMITE-2 Expected																						
STD PD1 Expected																						
STD CDN-PGMS-19																						
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						
STD GS311-1 Expected																						
STD GS910-4 Expected																						
STD DS9 Expected																						
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					

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QUALITY CONTROL REPORT VAN12005202.1

		4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B Lu ppm 0.01	1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 As ppm 0.1	1F30 Au ppb 0.2	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02
STD DOLOMITE-2	Standard																				
STD DS9	Standard								13.08	110.4	124.1	308.6	1768	40.7	7.4	563	25.5	97.9	2.29	5.51	6.57
STD DS9	Standard								12.74	105.2	121.8	311.9	1796	40.1	7.2	588	24.9	122.7	2.24	5.23	6.17
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD PD1	Standard																				
STD PD1	Standard																				
STD SO-18	Standard	0.47	2.73	0.57	1.67	0.27	1.74	0.27													
STD SO-18	Standard	0.49	2.82	0.63	1.89	0.28	1.66	0.28													
STD SO-18	Standard	0.47	2.93	0.64	1.83	0.28	1.77	0.25													
STD SO-18	Standard	0.48	2.94	0.62	1.88	0.25	1.86	0.27													
STD SO-18	Standard	0.47	3.09	0.58	1.80	0.28	1.67	0.26													
STD SO-18	Standard	0.48	2.76	0.68	1.60	0.28	1.76	0.27													
STD DOLOMITE-2 Expected																					
STD PD1 Expected																					
STD CDN-PGMS-19																					
STD CDN-ME-14 Expected																					
STD CDN-ME-9 Expected																					
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD DS9 Expected									12.84	108	126	317	1830	40.3	7.6	575	25.5	118	2.4	4.94	6.32
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27													
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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		1F30 Cr ppm 0.5	1F30 B ppm 1	1F30 Tl ppm 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ge ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	3BMS Au ppb 1	3BMS Pt ppb 0.1	3BMS Pd ppb 0.5
STD DOLOMITE-2	Standard																
STD DS9	Standard	114.3	3	5.23	218	5.6	5.04	<0.1	2.20	53	5.7	24.7	103	337			
STD DS9	Standard	113.3	4	5.46	207	5.3	5.09	<0.1	2.22	45	4.9	24.2	115	368			
STD GS311-1	Standard																
STD GS311-1	Standard																
STD GS910-4	Standard																
STD GS910-4	Standard																
STD PD1	Standard														483	411.4	503.6
STD PD1	Standard														484	430.2	521.6
STD SO-18	Standard																
STD SO-18	Standard																
STD SO-18	Standard																
STD SO-18	Standard																
STD SO-18	Standard																
STD SO-18	Standard																
STD DOLOMITE-2 Expected																	
STD PD1 Expected															542	456	563
STD CDN-PGMS-19															230	108	476
STD CDN-ME-14 Expected																	
STD CDN-ME-9 Expected																	
STD GS311-1 Expected																	
STD GS910-4 Expected																	
STD DS9 Expected		121		5.3	200	5.2	5.02	0.1	2.2	61	5.4	25.2	120	350			
STD SO-18 Expected																	
BLK	Blank																
BLK	Blank														5	0.1	<0.5
BLK	Blank														4	0.1	0.6
BLK	Blank														5	0.1	<0.5
BLK	Blank														5	0.1	<0.5

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		WGHT Wgt kg 0.01	7TD Ni ppm 10	LOI 2A Leco LOI % -5.1	2A Leco TOT/C % 0.01	2A Leco TOT/S % 0.01	4A-4B SiO2 % 0.01	4A-4B Al2O3 % 0.01	4A-4B Fe2O3 % 0.04	4A-4B MgO % 0.01	4A-4B CaO % 0.01	4A-4B Na2O % 0.01	4A-4B K2O % 0.01	4A-4B TiO2 % 0.01	4A-4B P2O5 % 0.01	4A-4B MnO % 0.01	4A-4B Cr2O3 % 0.002	4A-4B Ba ppm 1	4A-4B Sc ppm 1	4A-4B Sum % 0.01	4A-4B Cs ppm 0.1
BLK	Blank		<10																		
BLK	Blank		<10																		
BLK	Blank				<0.01	<0.01															
BLK	Blank						<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.002	2	<1	<0.01	<0.1
BLK	Blank																				
BLK	Blank						<0.01	<0.01	<0.04	<0.01	0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.002	<1	<1	0.05	<0.1
BLK	Blank																				
BLK	Blank						<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<1	<1	<0.01	<0.1
Prep Wash																					
G1	Prep Blank	<0.01	<10	0.5	0.02	0.02	67.08	15.46	3.89	1.26	3.41	3.65	3.68	0.41	0.19	0.11	0.003	1075	6	99.67	3.7
G1	Prep Blank	<0.01	<10	0.8	0.02	0.03	66.93	15.57	3.70	1.24	3.39	3.68	3.66	0.41	0.22	0.10	0.003	1124	7	99.66	4.0

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		4A-4B Ga ppm 0.5	4A-4B Hf ppm 0.1	4A-4B Nb ppm 0.1	4A-4B Rb ppm 0.1	4A-4B Sn ppm 1	4A-4B Sr ppm 0.5	4A-4B Ta ppm 0.1	4A-4B Th ppm 0.2	4A-4B U ppm 0.1	4A-4B V ppm 8	4A-4B W ppm 0.5	4A-4B Zr ppm 0.1	4A-4B Y ppm 0.1	4A-4B La ppm 0.1	4A-4B Ce ppm 0.1	4A-4B Pr ppm 0.02	4A-4B Nd ppm 0.3	4A-4B Sm ppm 0.05	4A-4B Eu ppm 0.02	4A-4B Gd ppm 0.05
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank	<0.5	<0.1	<0.1	0.2	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	0.07
BLK	Blank																					
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
BLK	Blank																					
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	0.10
Prep Wash																						
G1	Prep Blank	18.1	3.6	22.2	120.6	2	704.1	1.4	8.3	3.5	58	0.6	138.9	16.2	29.3	57.4	6.49	25.1	3.94	1.10	3.43
G1	Prep Blank	18.1	4.5	22.7	124.7	1	712.1	1.4	10.1	3.7	51	<0.5	138.7	16.5	30.5	58.4	6.49	26.0	3.99	1.04	3.24

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Anglo American Exploration (Canada) Ltd.**
800 - 700 W. Pender St.
Vancouver BC V6C 1G8 Canada

Project: 2419
Report Date: November 26, 2012

QUALITY CONTROL REPORT VAN12005202.1

		4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B Lu ppm 0.01	1F30 Mo ppm 0.01	1F30 Cu ppm 0.01	1F30 Pb ppm 0.01	1F30 Zn ppm 0.1	1F30 Ag ppb 2	1F30 Ni ppm 0.1	1F30 Co ppm 0.1	1F30 Mn ppm 1	1F30 As ppm 0.1	1F30 Au ppb 0.2	1F30 Cd ppm 0.01	1F30 Sb ppm 0.02	1F30 Bi ppm 0.02
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
BLK	Blank								<0.01	0.05	0.03	<0.1	<2	<0.1	<0.1	<1	<0.1	<0.2	<0.01	<0.02	<0.02
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
BLK	Blank								<0.01	0.02	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.1	<0.2	<0.01	<0.02	<0.02
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
Prep Wash																					
G1	Prep Blank	0.47	2.94	0.57	1.76	0.26	1.88	0.29	0.09	1.54	2.68	48.8	13	4.2	4.5	613	0.3	1.2	<0.01	0.03	<0.02
G1	Prep Blank	0.47	2.80	0.62	1.57	0.27	1.78	0.29	0.09	1.53	2.48	52.7	13	4.6	4.4	627	<0.1	0.5	<0.01	0.03	<0.02

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QUALITY CONTROL REPORT VAN12005202.1

		1F30 Cr ppm 0.5	1F30 B ppm 1	1F30 Tl ppm 0.02	1F30 Hg ppb 5	1F30 Se ppm 0.1	1F30 Te ppm 0.02	1F30 Ge ppm 0.1	1F30 In ppm 0.02	1F30 Re ppb 1	1F30 Be ppm 0.1	1F30 Li ppm 0.1	1F30 Pd ppb 10	1F30 Pt ppb 2	3BMS Au ppb 1	3BMS Pt ppb 0.1	3BMS Pd ppb 0.5
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank																
BLK	Blank	<0.5	<1	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	Blank																
BLK	Blank	<0.5	<1	<0.02	<5	<0.1	<0.02	<0.1	<0.02	<1	<0.1	<0.1	<10	<2			
BLK	Blank																
Prep Wash																	
G1	Prep Blank	8.9	<1	0.33	<5	<0.1	<0.02	<0.1	<0.02	<1	0.2	29.5	<10	<2	3	0.2	<0.5
G1	Prep Blank	8.7	<1	0.34	<5	<0.1	<0.02	0.3	<0.02	<1	0.2	29.5	<10	<2	5	0.1	<0.5

APPENDIX VI

ANNUAL REPORT 2012

On the
PAYNE BAY PROPERTY

LOG REPORT

ANGLO AMERICAN

DRILL HOLE REPORT

Hole Number: **PB00-03** Project: **PAYNÉ BAY** Project Number: **2419**

Drilling
Azimuth: 225
Dip: -70
Length: 321.31
Started:
Completed:

Casing
Length: 0
Pulled: no
Capped: no
Cemented: no

Core
Dimension:
Storage: Kyak Site
Section: None
Hole Type DDH

Core Size

From	*To*	*Core Size*
0.00	321.31	BQ

Location
Area:
Claim No.:
Map:
Hole: SURFACE

Other
Logged by: Martin Aucoin
Relog by:
Contractor:
Spotted by:
Surveyed:

Logged: 14-Aug-12
Target:
Comment: boxes 3 to 5 missing due to previous sampling. Also, ma ny decimeter to meter-scale lenghts of core missing due to previous sampling. Meter-scale missing parts are mentionned in the sample table. See pictures.

Coordinate - Gemcom
East: 0
North: 0
Elev.: 0

Coordinate - Field
East: 451008
North: 6660496
Elev.: 0
Zone: 19
Datum: UTM-NAD27

Surveyed by:
Geophysics: Pulse EM
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	225.00	-70.00	C	☑	

ANGLO AMERICAN

LITHOLOGY REPORT
- Summary -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	*To (m)*		*Lithology*		
0.00	**5.70**	OB	***Overburden***		
5.70	**214.00**	1B	***Peridotite***	***Carbonate in Veins and Pervasive***	***Po-Pn Disseminated***
214.00	**225.00**	1S	***Gabbronorite***	***Serpentine in Veins***	***Po-Pn Disseminated***
225.00	**236.10**	1T	***Norite***	***Serpentine in Veins***	***Po Disseminated***
236.10	**241.50**	1B	***Peridotite***	***Serpentine in Veins***	***Po Disseminated***
241.50	**246.10**	1T	***Norite***	***Carbonate in Veins and Pervasive***	***Po Disseminated***
246.10	**321.30**	1B	***Peridotite***	***Carbonate Pervasive***	***Po-Pn Disseminated***
321.30	**321.31**	EOH	***End Of Hole***		

ANGLO AMERICAN

Physical Properties Report

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

Distance (m)	Reading	Conduct	Comment	Distance (m)	Reading	Conductiv	Comment	Distance (m)	Reading	Conductiv	Comment	Distance (m)	Reading	Conductiv	Comment
6.00	15.60	0.00		108.00	20.10	0.00		210.00	53.00	0.00		312.00	24.90	0.00	
9.00	50.40	0.00		111.00	12.70	0.00		213.00	39.20	0.00		315.00	53.80	0.00	
12.00	58.40	0.00		114.00	25.50	0.00		216.00	5.80	0.00		318.00	3.80	0.00	
15.00	43.10	0.00		117.00	57.40	0.00		219.00	0.00	0.00		321.00	30.90	0.00	
18.00	0.60	0.00		120.00	41.20	0.00		222.00	1.40	0.00					
21.00	0.70	0.00		123.00	55.50	0.00		225.00	1.30	0.00					
24.00	0.70	0.00		126.00	15.40	0.00		228.00	1.10	0.00					
27.00	0.80	0.00		129.00	34.00	0.00		231.00	0.50	0.00					
30.00	0.80	0.00		132.00	18.00	0.00		234.00	0.70	0.00					
33.00	11.80	0.00		135.00	40.40	0.00		237.00	0.60	0.00					
36.00	27.00	0.00		138.00	28.30	0.00		240.00	1.10	0.00					
39.00	52.40	0.00		141.00	27.30	0.00		243.00	0.80	0.00					
42.00	42.30	0.00		144.00	67.70	0.00		246.00	1.70	0.00					
45.00	51.30	0.00		147.00	68.10	0.00		249.00	114.00	0.00					
48.00	35.00	0.00		150.00	41.40	0.00		252.00	73.60	0.00					
51.00	34.90	0.00		153.00	38.50	0.00		255.00	95.30	0.00					
54.00	34.90	0.00		156.00	53.40	0.00		258.00	84.20	0.00					
57.00	45.10	0.00		159.00	45.10	0.00		261.00	40.60	0.00					
60.00	41.80	0.00		162.00	27.40	0.00		264.00	30.90	0.00					
63.00	54.10	0.00		165.00	95.60	0.00		267.00	37.40	0.00					
66.00	82.90	0.00		168.00	44.70	0.00		270.00	60.60	0.00					
69.00	46.30	0.00		171.00	26.30	0.00		273.00	43.10	0.00					
72.00	49.50	0.00		174.00	72.00	0.00		276.00	75.30	0.00					
75.00	71.70	0.00		177.00	54.60	0.00		279.00	49.40	0.00					
78.00	39.50	0.00		180.00	32.30	0.00		282.00	78.00	0.00					
81.00	79.00	0.00		183.00	29.50	0.00		285.00	62.40	0.00					
84.00	43.60	0.00		186.00	36.80	0.00		288.00	60.50	0.00					
87.00	74.90	0.00		189.00	49.40	0.00		291.00	63.60	0.00					
90.00	35.10	0.00		192.00	48.10	0.00		294.00	59.90	0.00					
93.00	111.00	0.00		195.00	0.80	0.00		297.00	31.00	0.00					
96.00	27.10	0.00		198.00	40.30	0.00		300.00	57.90	0.00					
99.00	36.90	0.00		201.00	31.70	0.00		303.00	49.80	0.00					
102.00	95.80	0.00		204.00	13.80	0.00		306.00	55.20	0.00					
105.00	35.40	0.00		207.00	72.70	0.00		309.00	36.20	0.00					

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology
0.00	5.70	**OB** ***Overburden***
5.70	214.00	**1B** ***Peridotite*** ***Carbonate in Veins and Pervasive*** ***Po-Pn Disseminated***

Massive peridotite with local dm to m-scale sections dunite. Slightly magnetic. Fine grained disseminated sulfides (Po-Py-Pn-Cpy ?) throughout. Local sub-mm-scale stringers. Recovery locally very poor, and some parts have been sampled previously. Rock is turned into sand-gravel in up to 5% of interval shallower than 130m. Boxes 3 to 5 are missing. RQD approximate 10-30 for whole unit, increasing with depth. Irregular veinlets of calcite and serpentine throughout. Interdigitated lower contact from 193.4m

Texture Maj:	*Type*	*Comment*
5.70 - 214.00	oiko	locally
5.70 - 214.00	m	massive subidiomorphic to hypidiomorphic overall

Structure Maj.:	*Type/Core Angle*	*Comment*
5.70 - 214.00	vqtz 50	181.6-181.9m: quartz-chloritized amphibole or garnet ? Pink-purple quartz locally. See detail picture.
5.70 - 214.00	bx 30	heterogeneous carb-filled breccia from 74 to 81m, intensifying from 80 to 81m. Local serpentinized breccias in gradationnal contact.
5.70 - 214.00	bc 30	Very blocky locally (53-65m almost completely incompetent)
5.70 - 214.00	f 30	follows veinlets.
5.70 - 214.00	vsrp 30	30 to 45 deg, irregular, often associated to calcite veins
5.70 - 214.00	vcal 30	0, 30 and 60 deg veinlets dominant. Irregular. More abundant in first 130m.

Alteration Maj:	*Type/Style/Intensity*	*Comment*

Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
86753	5.70	7.00	1.30	-	-	-	-	-	-
86754	7.00	8.50	1.50	-	-	-	-	-	-
86755	8.50	10.00	1.50	-	-	-	-	-	-
86756	10.00	11.50	1.50	-	-	-	-	-	-
86757	11.50	13.00	1.50	-	-	-	-	-	-
86758	13.00	14.50	1.50	-	-	-	-	-	-
86759	14.50	15.00	0.50	-	-	-	-	-	-
86760	31.90	33.00	1.10	-	-	-	-	-	-
86761	33.00	34.50	1.50	-	-	-	-	-	-
86763	34.50	36.00	1.50	-	-	-	-	-	-
86764	36.00	37.50	1.50	-	-	-	-	-	-
86765	37.50	39.00	1.50	-	-	-	-	-	-
86767	39.00	40.50	1.50	-	-	-	-	-	-
86769	40.50	42.00	1.50	-	-	-	-	-	-
86770	42.00	43.50	1.50	-	-	-	-	-	-
86771	43.50	45.00	1.50	-	-	-	-	-	-
86773	45.00	46.50	1.50	-	-	-	-	-	-
86774	46.50	48.00	1.50	-	-	-	-	-	-
86775	48.00	49.50	1.50	-	-	-	-	-	-
86776	49.50	51.00	1.50	-	-	-	-	-	-
86777	51.00	52.50	1.50	-	-	-	-	-	-

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)			Lithology
		5.70 - 214.00	Chl B w	local bands, with qz-carb veinlets
		5.70 - 214.00	Carb FV m	locally strong and pervasive
		5.70 - 214.00	Srp FV w	locally weak to none
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
		5.70 - 214.00	CCP D	traces locally, stringers seen @ 68.1m (or could be oxidized pyrite...)
		5.70 - 214.00	PN D 0.1	presence proved by analysis but hardly seen.
		5.70 - 214.00	PO D 0.1	very fine grained, locally mm-scale. hardly recognizeable

Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
86778	52.50	54.00	1.50	-	-	-	-	-	-
86779	54.00	55.50	1.50	-	-	-	-	-	-
86780	55.50	57.00	1.50	-	-	-	-	-	-
86781	57.00	58.50	1.50	-	-	-	-	-	-
86783	58.50	60.00	1.50	-	-	-	-	-	-
86784	60.00	61.50	1.50	-	-	-	-	-	-
86785	61.50	63.00	1.50	-	-	-	-	-	-
86787	63.00	64.50	1.50	-	-	-	-	-	-
86788	64.50	66.00	1.50	-	-	-	-	-	-
86789	66.00	67.50	1.50	-	-	-	-	-	-
86790	67.50	69.00	1.50	-	-	-	-	-	-
86791	69.00	70.50	1.50	-	-	-	-	-	-
86793	70.50	72.00	1.50	-	-	-	-	-	-
86795	72.00	73.50	1.50	-	-	-	-	-	-
86796	73.50	75.00	1.50	-	-	-	-	-	-
86797	75.00	76.50	1.50	-	-	-	-	-	-
86798	76.50	78.00	1.50	-	-	-	-	-	-
86799	78.00	79.50	1.50	-	-	-	-	-	-
86800	79.50	81.00	1.50	-	-	-	-	-	-
86802	81.00	82.50	1.50	-	-	-	-	-	-
86804	82.50	84.00	1.50	-	-	-	-	-	-
86805	84.00	85.50	1.50	-	-	-	-	-	-
86806	85.50	87.00	1.50	-	-	-	-	-	-
86807	87.00	88.50	1.50	-	-	-	-	-	-
86809	88.50	90.00	1.50	-	-	-	-	-	-
86810	90.00	91.50	1.50	-	-	-	-	-	-
86811	91.50	93.00	1.50	-	-	-	-	-	-

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
			86812	93.00	94.50	1.50	-	-	-	-	-	-
			86813	94.50	96.00	1.50	-	-	-	-	-	-
			86814	96.00	97.50	1.50	-	-	-	-	-	-
			86816	97.50	99.00	1.50	-	-	-	-	-	-
			86817	99.00	100.50	1.50	-	-	-	-	-	-
			86818	100.50	102.00	1.50	-	-	-	-	-	-
			86819	102.00	103.50	1.50	-	-	-	-	-	-
			86820	103.50	105.00	1.50	-	-	-	-	-	-
			86821	105.00	106.50	1.50	-	-	-	-	-	-
			86822	106.50	108.00	1.50	-	-	-	-	-	-
			86823	108.00	109.50	1.50	-	-	-	-	-	-
			86824	109.50	111.00	1.50	-	-	-	-	-	-
			86825	111.00	112.50	1.50	-	-	-	-	-	-
			86826	112.50	114.00	1.50	-	-	-	-	-	-
			86828	114.00	115.50	1.50	-	-	-	-	-	-
			86830	115.50	117.00	1.50	-	-	-	-	-	-
			86831	117.00	118.50	1.50	-	-	-	-	-	-
			86833	118.50	120.00	1.50	-	-	-	-	-	-
			86834	120.00	121.50	1.50	-	-	-	-	-	-
			86835	121.50	123.00	1.50	-	-	-	-	-	-
			86836	123.00	124.50	1.50	-	-	-	-	-	-
			86837	124.50	126.00	1.50	-	-	-	-	-	-
			86838	126.00	127.50	1.50	-	-	-	-	-	-
			86840	127.50	129.00	1.50	-	-	-	-	-	-
			86841	129.00	130.50	1.50	-	-	-	-	-	-
			86842	130.50	132.00	1.50	-	-	-	-	-	-
			86843	132.00	133.50	1.50	-	-	-	-	-	-

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
			86844	133.50	135.00	1.50	-	-	-	-	-	-
			86845	135.00	136.50	1.50	-	-	-	-	-	-
			86847	136.50	138.00	1.50	-	-	-	-	-	-
			86849	138.00	139.50	1.50	-	-	-	-	-	-
			86850	139.50	141.00	1.50	-	-	-	-	-	-
			86851	141.00	142.50	1.50	-	-	-	-	-	-
			86852	142.50	144.00	1.50	-	-	-	-	-	-
			86854	144.00	145.50	1.50	-	-	-	-	-	-
			86855	145.50	147.00	1.50	-	-	-	-	-	-
			86857	147.00	148.50	1.50	-	-	-	-	-	-
			86858	148.50	150.00	1.50	-	-	-	-	-	-
			86860	150.00	151.50	1.50	-	-	-	-	-	-
			86861	151.50	153.00	1.50	-	-	-	-	-	-
			86862	153.00	154.50	1.50	-	-	-	-	-	-
			86864	154.50	156.00	1.50	-	-	-	-	-	-
			86865	156.00	157.50	1.50	-	-	-	-	-	-
			86866	157.50	159.00	1.50	-	-	-	-	-	-
			86869	159.00	160.50	1.50	-	-	-	-	-	-
			86870	160.50	162.00	1.50	-	-	-	-	-	-
			86871	162.00	163.50	1.50	-	-	-	-	-	-
			86872	163.50	165.00	1.50	-	-	-	-	-	-
			86873	165.00	166.50	1.50	-	-	-	-	-	-
			86874	166.50	168.00	1.50	-	-	-	-	-	-
			86876	168.00	169.50	1.50	-	-	-	-	-	-
			86877	169.50	171.00	1.50	-	-	-	-	-	-
			86878	171.00	172.50	1.50	-	-	-	-	-	-
			86879	172.50	174.00	1.50	-	-	-	-	-	-

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
			86880	174.00	175.50	1.50	-	-	-	-	-	-
			86881	175.50	177.00	1.50	-	-	-	-	-	-
			86882	177.00	178.50	1.50	-	-	-	-	-	-
			86883	178.50	180.00	1.50	-	-	-	-	-	-
			86886	180.00	181.50	1.50	-	-	-	-	-	-
			86918	181.50	181.80	0.30	-	-	-	-	-	-
			86888	181.80	183.00	1.20	-	-	-	-	-	-
			86889	183.00	184.50	1.50	-	-	-	-	-	-
			86890	184.50	186.00	1.50	-	-	-	-	-	-
			86891	186.00	187.50	1.50	-	-	-	-	-	-
			86893	187.50	189.00	1.50	-	-	-	-	-	-
			86894	189.00	190.50	1.50	-	-	-	-	-	-
			86895	190.50	192.00	1.50	-	-	-	-	-	-
			86896	192.00	193.50	1.50	-	-	-	-	-	-
			86897	193.50	194.50	1.00	-	-	-	-	-	-
			86899	194.50	195.30	0.80	-	-	-	-	-	-
			86900	195.30	196.50	1.20	-	-	-	-	-	-
			86901	196.50	198.00	1.50	-	-	-	-	-	-
			86902	198.00	199.50	1.50	-	-	-	-	-	-
			86903	199.50	201.00	1.50	-	-	-	-	-	-
			86904	201.00	202.50	1.50	-	-	-	-	-	-
			86906	202.50	203.40	0.90	-	-	-	-	-	-
			86907	203.40	204.00	0.60	-	-	-	-	-	-
			86908	204.00	205.40	1.40	-	-	-	-	-	-
			86910	205.40	206.00	0.60	-	-	-	-	-	-
			86911	206.00	207.00	1.00	-	-	-	-	-	-
			86912	207.00	208.50	1.50	-	-	-	-	-	-

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LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology
214.00	225.00	**1S** ***Gabbronorite*** ***Serpentine in Veins*** ***Po-Pn Disseminated***

Gabronorite with local dm-scale sections of norite, gradationnal contacts, serpentine vein alteration dominant, with calcite in veins and pervasive.calcite is younger than serpentine (crosscutting and vein-center filling locally). Disseminated sulphides up to 3% locally, concentrated in olivine-rich bands (see 224.5-224.9m). Local cm to dm-scale serpentine filled breccias. Partly magnetic.

Texture Maj:	*Type*	*Comment*
214.00 - 225.00	poik	very local. Sulphides in olivine ?
214.00 - 225.00	oiko	very local
214.00 - 225.00	m	massive subidiomorphic to hypidiomorphic overall

Structure Maj.:	*Type/Core Angle*	*Comment*
214.00 - 225.00	vcal 60	60 deg dominant, 30 des second. Irregular, post-serpentine-veins
214.00 - 225.00	vsrp 60	60 deg dominant, 30 deg second. Very irregular

Alteration Maj:	*Type/Style/Intensity*	*Comment*
214.00 - 225.00	Chl FV w	very local, weaker than carbonates
214.00 - 225.00	Carb FV w	locally disseminated too
214.00 - 225.00	Srp FV m	some local breccias

Mineralization Maj. :	*Type/Style/%Mineral*	*Comment*
214.00 - 225.00	PO D 1	higher content in gabbroic bands. Pentlandite locally.

Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
86913	208.50	210.00	1.50	-	-	-	-	-	-
86914	210.00	211.50	1.50	-	-	-	-	-	-
86915	211.50	212.50	1.00	-	-	-	-	-	-
86916	212.50	214.00	1.50	-	-	-	-	-	-
86919	214.00	215.00	1.00	-	-	-	-	-	-
86920	215.00	216.00	1.00	-	-	-	-	-	-
86923	216.00	217.50	1.50	-	-	-	-	-	-
86924	217.50	219.00	1.50	-	-	-	-	-	-
86926	219.00	220.50	1.50	-	-	-	-	-	-
86927	220.50	222.00	1.50	-	-	-	-	-	-
86928	222.00	223.50	1.50	-	-	-	-	-	-
86929	223.50	225.00	1.50	-	-	-	-	-	-

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- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
225.00	236.10	**1T *Norite*** ***Serpentine in Veins*** ***Po Disseminated***	86930	225.00	226.50	1.50	-	-	-	-	-	-
		Norite with local olivine-norite, includes up to 1% disseminated sulphides locally. Gradationnal contacts.	86931	226.50	228.00	1.50	-	-	-	-	-	-
		Texture Maj: ***Type*** ***Comment***	86933	228.00	229.50	1.50	-	-	-	-	-	-
		225.00 - 236.10 oiko locally	86934	229.50	231.00	1.50	-	-	-	-	-	-
		225.00 - 236.10 m massive subidiomorphic to hypidiomorphic overall	86935	231.00	232.50	1.50	-	-	-	-	-	-
		Structure Maj.: ***Type/Core Angle*** ***Comment***	86937	232.50	234.00	1.50	-	-	-	-	-	-
		225.00 - 236.10 vcal 60 follows serpentine as final vein infill or crosscuts it.	86939	234.00	235.00	1.00	-	-	-	-	-	-
		225.00 - 236.10 vsrp 60 60 dominant, 0 to 45 second. Irregular.	86940	235.00	236.10	1.10	-	-	-	-	-	-
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***										
		225.00 - 236.10 Carb FV w locally pervasive										
		225.00 - 236.10 Srp FV m locally pervasive										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		225.00 - 236.10 PO D 1 pn also ?										
236.10	241.50	**1B *Peridotite*** ***Serpentine in Veins*** ***Po Disseminated***	86942	236.10	237.40	1.30	-	-	-	-	-	-
		peridotite with local norite bands. Gradationnal contacts. Slightly magnetic.	86943	237.40	238.50	1.10	-	-	-	-	-	-
		Texture Maj: ***Type*** ***Comment***	86944	238.50	240.00	1.50	-	-	-	-	-	-
		236.10 - 241.50 m massive subidiomorphic to hypidiomorphic overall	86945	240.00	241.50	1.50	-	-	-	-	-	-
		Structure Maj.: ***Type/Core Angle*** ***Comment***										
		236.10 - 241.50 vsrp 45 irregular										
		236.10 - 241.50 f 45 irregular										
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***										
		236.10 - 241.50 Carb FV w also pervasive locally										
		236.10 - 241.50 Srp FV w										

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LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		236.10 - 241.50 PN D 1 tr to 1 %										
		236.10 - 241.50 PO D 1										
241.50	246.10	**1T** ***Norite*** ***Carbonate in Veins and Pervasive*** ***Po Disseminated***	86946	241.50	243.00	1.50	-	-	-	-	-	-
		Norite unit with gradationnal contacts. Grain size icreases compared to surrounding units. Heterogeneous.	86947	243.00	244.00	1.00	-	-	-	-	-	-
		Texture Maj: ***Type*** ***Comment***	86948	244.00	245.00	1.00	-	-	-	-	-	-
		241.50 - 246.10 m massive medium to coarse gained subidiomorphic to hypidiomorphic overall	86949	245.00	246.10	1.10	-	-	-	-	-	-
		Structure Maj.: ***Type/Core Angle*** ***Comment***										
		241.50 - 246.10 vcal 45 carbonate might be dolomite locally										
		Alteration Maj: ***Type/Style/Intensity*** ***Comment***										
		241.50 - 246.10 F PV w 1 cm band @ 245.5m										
		241.50 - 246.10 C FV w										
		Mineralization Maj. : ***Type/Style/%Mineral*** ***Comment***										
		241.50 - 246.10 PN D 1 cpy locally also in traces										
		241.50 - 246.10 PO D 1										
246.10	321.30	**1B** ***Peridotite*** ***Carbonate Pervasive*** ***Po-Pn Disseminated***	86950	246.10	247.50	1.40	-	-	-	-	-	-
		massive peridotite with pervasive carbonate alteration almost throughout, with peak alteration from 287 to 315m. Cm-scale oxydation spots from 284m to EOH, ankerite ? Very fractured from 276 to 295m. Slightly magnetic. Mineralization is open in depth and it is strongly suggested to investigate further.	86951	247.50	249.00	1.50	-	-	-	-	-	-
			86952	249.00	250.50	1.50	-	-	-	-	-	-
		Texture Maj: ***Type*** ***Comment***	86953	250.50	252.00	1.50	-	-	-	-	-	-
		246.10 - 321.30 oiko very local	86954	252.00	253.50	1.50	-	-	-	-	-	-
		246.10 - 321.30 m massive subidiomorphic to hypidiomorphic overall	86956	253.50	255.00	1.50	-	-	-	-	-	-
			86959	255.00	256.50	1.50	-	-	-	-	-	-
		Structure Maj.: ***Type/Core Angle*** ***Comment***	86960	256.50	258.00	1.50	-	-	-	-	-	-
		246.10 - 276.00 f 55 follows serpentinization	86961	258.00	259.50	1.50	-	-	-	-	-	-

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LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)			Lithology
		246.10 - 276.00	vsrp 55	30 to 80 deg, with local carbonates.
		276.00 - 295.00	bc 45	very poor RQD (10-20 max)
		295.00 - 321.30	vsrp 45	local serpentinized veinlets, increasing towards EOH
		Alteration Maj:	***Type/Style/Intensity***	***Comment***
		246.10 - 321.30	Rs P m	from 284m to EOH
		246.10 - 321.30	Srp FV w	
		246.10 - 321.30	Carb PV m	locally in veinlets, and strong pervasive alteration from 287 to 315m. Seems associated with sulphides coarsening. Deeper investigation of this unit is strongly suggested.
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
		246.10 - 321.30	SUL BL 2	pyrolusite (Mn) ?? in sulphide zone from 284 to 296m. Bluish grey and stainy.
		246.10 - 321.30	PO D 2	

Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
86962	259.50	261.00	1.50	-	-	-	-	-	-
86964	261.00	262.50	1.50	-	-	-	-	-	-
86965	262.50	264.00	1.50	-	-	-	-	-	-
86966	264.00	265.50	1.50	-	-	-	-	-	-
86967	265.50	267.00	1.50	-	-	-	-	-	-
86968	267.00	268.50	1.50	-	-	-	-	-	-
86969	268.50	270.00	1.50	-	-	-	-	-	-
86970	270.00	271.50	1.50	-	-	-	-	-	-
86971	271.50	273.00	1.50	-	-	-	-	-	-
86972	273.00	274.50	1.50	-	-	-	-	-	-
86973	274.50	276.00	1.50	-	-	-	-	-	-
86974	276.00	277.50	1.50	-	-	-	-	-	-
86976	277.50	279.00	1.50	-	-	-	-	-	-
86978	279.00	280.50	1.50	-	-	-	-	-	-
86980	280.50	282.00	1.50	-	-	-	-	-	-
86982	282.00	283.50	1.50	-	-	-	-	-	-
86983	283.50	285.00	1.50	-	-	-	-	-	-
86984	285.00	286.50	1.50	-	-	-	-	-	-
86985	286.50	288.00	1.50	-	-	-	-	-	-
86986	288.00	289.50	1.50	-	-	-	-	-	-
86987	289.50	291.00	1.50	-	-	-	-	-	-
86988	291.00	292.50	1.50	-	-	-	-	-	-
86989	292.50	294.00	1.50	-	-	-	-	-	-
86990	294.00	295.50	1.50	-	-	-	-	-	-
86991	295.50	297.00	1.50	-	-	-	-	-	-
86992	297.00	298.50	1.50	-	-	-	-	-	-
86993	298.50	300.00	1.50	-	-	-	-	-	-

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LITHOLOGY REPORT
- Detailed -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
			86995	300.00	301.50	1.50	-	-	-	-	-	-
			86996	301.50	303.00	1.50	-	-	-	-	-	-
			86998	303.00	304.50	1.50	-	-	-	-	-	-
			86999	304.50	306.00	1.50	-	-	-	-	-	-
			87001	306.00	307.50	1.50	-	-	-	-	-	-
			87002	307.50	309.00	1.50	-	-	-	-	-	-
			87003	309.00	310.50	1.50	-	-	-	-	-	-
			87004	310.50	312.00	1.50	-	-	-	-	-	-
			87005	312.00	313.50	1.50	-	-	-	-	-	-
			87006	313.50	315.00	1.50	-	-	-	-	-	-
			87007	315.00	316.50	1.50	-	-	-	-	-	-
			87008	316.50	318.00	1.50	-	-	-	-	-	-
			87009	318.00	319.00	1.00	-	-	-	-	-	-
			87010	319.00	320.00	1.00	-	-	-	-	-	-
			87011	320.00	321.30	1.30	-	-	-	-	-	-
321.30	321.31	**EOH** ***End Of Hole***										

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
5.70	7.00	1.30	86753	hole starts with disseminated sulfides, so no wing sample
7.00	8.50	1.50	86754	
8.50	10.00	1.50	86755	
10.00	11.50	1.50	86756	
11.50	13.00	1.50	86757	
13.00	14.50	1.50	86758	
14.50	15.00	0.50	86759	sampling gaps after this one because 3 boxes missing
31.90	33.00	1.10	86760	sampling gaps before this one because 3 boxes missing
33.00	34.50	1.50	86761	
34.50	36.00	1.50	86763	
36.00	37.50	1.50	86764	
37.50	39.00	1.50	86765	QUARTER SPLIT
39.00	40.50	1.50	86767	
40.50	42.00	1.50	86769	
42.00	43.50	1.50	86770	
43.50	45.00	1.50	86771	
45.00	46.50	1.50	86773	
46.50	48.00	1.50	86774	
48.00	49.50	1.50	86775	
49.50	51.00	1.50	86776	
51.00	52.50	1.50	86777	
52.50	54.00	1.50	86778	
54.00	55.50	1.50	86779	
55.50	57.00	1.50	86780	
57.00	58.50	1.50	86781	
58.50	60.00	1.50	86783	

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SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
60.00	61.50	1.50	86784	
61.50	63.00	1.50	86785	
63.00	64.50	1.50	86787	
64.50	66.00	1.50	86788	
66.00	67.50	1.50	86789	
67.50	69.00	1.50	86790	
69.00	70.50	1.50	86791	QUARTER SPLIT
70.50	72.00	1.50	86793	
72.00	73.50	1.50	86795	
73.50	75.00	1.50	86796	
75.00	76.50	1.50	86797	
76.50	78.00	1.50	86798	
78.00	79.50	1.50	86799	
79.50	81.00	1.50	86800	QUARTER split
81.00	82.50	1.50	86802	
82.50	84.00	1.50	86804	
84.00	85.50	1.50	86805	
85.50	87.00	1.50	86806	
87.00	88.50	1.50	86807	
88.50	90.00	1.50	86809	
90.00	91.50	1.50	86810	
91.50	93.00	1.50	86811	
93.00	94.50	1.50	86812	
94.50	96.00	1.50	86813	
96.00	97.50	1.50	86814	
97.50	99.00	1.50	86816	

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SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
99.00	100.50	1.50	86817	
100.50	102.00	1.50	86818	
102.00	103.50	1.50	86819	
103.50	105.00	1.50	86820	
105.00	106.50	1.50	86821	
106.50	108.00	1.50	86822	
108.00	109.50	1.50	86823	
109.50	111.00	1.50	86824	
111.00	112.50	1.50	86825	
112.50	114.00	1.50	86826	quarter split
114.00	115.50	1.50	86828	
115.50	117.00	1.50	86830	
117.00	118.50	1.50	86831	
118.50	120.00	1.50	86833	
120.00	121.50	1.50	86834	
121.50	123.00	1.50	86835	
123.00	124.50	1.50	86836	
124.50	126.00	1.50	86837	
126.00	127.50	1.50	86838	
127.50	129.00	1.50	86840	
129.00	130.50	1.50	86841	
130.50	132.00	1.50	86842	
132.00	133.50	1.50	86843	
133.50	135.00	1.50	86844	
135.00	136.50	1.50	86845	quarter split
136.50	138.00	1.50	86847	

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SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
138.00	139.50	1.50	86849	
139.50	141.00	1.50	86850	
141.00	142.50	1.50	86851	
142.50	144.00	1.50	86852	
144.00	145.50	1.50	86854	
145.50	147.00	1.50	86855	quarter split
147.00	148.50	1.50	86857	
148.50	150.00	1.50	86858	
150.00	151.50	1.50	86860	
151.50	153.00	1.50	86861	
153.00	154.50	1.50	86862	
154.50	156.00	1.50	86864	
156.00	157.50	1.50	86865	
157.50	159.00	1.50	86866	
159.00	160.50	1.50	86869	
160.50	162.00	1.50	86870	
162.00	163.50	1.50	86871	
163.50	165.00	1.50	86872	
165.00	166.50	1.50	86873	
166.50	168.00	1.50	86874	
168.00	169.50	1.50	86876	
169.50	171.00	1.50	86877	
171.00	172.50	1.50	86878	
172.50	174.00	1.50	86879	
174.00	175.50	1.50	86880	
175.50	177.00	1.50	86881	

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SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
177.00	178.50	1.50	86882	
178.50	180.00	1.50	86883	quarter split
180.00	181.50	1.50	86886	sample 86918 inserted out of sequence after this sample.
181.50	181.80	0.30	86918	quartz vein with amphiboles. Sample number out of sequence,
181.80	183.00	1.20	86888	sample 86918 inserted out of sequence before this sample
183.00	184.50	1.50	86889	
184.50	186.00	1.50	86890	
186.00	187.50	1.50	86891	
187.50	189.00	1.50	86893	
189.00	190.50	1.50	86894	
190.50	192.00	1.50	86895	
192.00	193.50	1.50	86896	
193.50	194.50	1.00	86897	
194.50	195.30	0.80	86899	
195.30	196.50	1.20	86900	
196.50	198.00	1.50	86901	
198.00	199.50	1.50	86902	
199.50	201.00	1.50	86903	
201.00	202.50	1.50	86904	1 m missing due to previous sampling
202.50	203.40	0.90	86906	
203.40	204.00	0.60	86907	
204.00	205.40	1.40	86908	
205.40	206.00	0.60	86910	
206.00	207.00	1.00	86911	
207.00	208.50	1.50	86912	
208.50	210.00	1.50	86913	

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
210.00	211.50	1.50	86914	
211.50	212.50	1.00	86915	
212.50	214.00	1.50	86916	quarter split
214.00	215.00	1.00	86919	
215.00	216.00	1.00	86920	
216.00	217.50	1.50	86923	
217.50	219.00	1.50	86924	
219.00	220.50	1.50	86926	
220.50	222.00	1.50	86927	
222.00	223.50	1.50	86928	
223.50	225.00	1.50	86929	
225.00	226.50	1.50	86930	0,7 m missing due to previous sampling
226.50	228.00	1.50	86931	0,3 m missing due to previous sampling
228.00	229.50	1.50	86933	
229.50	231.00	1.50	86934	
231.00	232.50	1.50	86935	
232.50	234.00	1.50	86937	
234.00	235.00	1.00	86939	
235.00	236.10	1.10	86940	
236.10	237.40	1.30	86942	
237.40	238.50	1.10	86943	
238.50	240.00	1.50	86944	
240.00	241.50	1.50	86945	
241.50	243.00	1.50	86946	
243.00	244.00	1.00	86947	
244.00	245.00	1.00	86948	

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
245.00	246.10	1.10	86949	
246.10	247.50	1.40	86950	
247.50	249.00	1.50	86951	0.3m missing due to previous sampling
249.00	250.50	1.50	86952	0.7m missing due to previous sampling
250.50	252.00	1.50	86953	
252.00	253.50	1.50	86954	
253.50	255.00	1.50	86956	
255.00	256.50	1.50	86959	
256.50	258.00	1.50	86960	
258.00	259.50	1.50	86961	
259.50	261.00	1.50	86962	
261.00	262.50	1.50	86964	
262.50	264.00	1.50	86965	
264.00	265.50	1.50	86966	0,5 m missing from previous sampling
265.50	267.00	1.50	86967	0,5 m missing from previous sampling
267.00	268.50	1.50	86968	
268.50	270.00	1.50	86969	
270.00	271.50	1.50	86970	
271.50	273.00	1.50	86971	
273.00	274.50	1.50	86972	
274.50	276.00	1.50	86973	
276.00	277.50	1.50	86974	
277.50	279.00	1.50	86976	
279.00	280.50	1.50	86978	
280.50	282.00	1.50	86980	
282.00	283.50	1.50	86982	

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB00-03** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
283.50	285.00	1.50	86983	
285.00	286.50	1.50	86984	
286.50	288.00	1.50	86985	
288.00	289.50	1.50	86986	
289.50	291.00	1.50	86987	
291.00	292.50	1.50	86988	
292.50	294.00	1.50	86989	
294.00	295.50	1.50	86990	
295.50	297.00	1.50	86991	
297.00	298.50	1.50	86992	
298.50	300.00	1.50	86993	
300.00	301.50	1.50	86995	1 m missing due to previous sampling
301.50	303.00	1.50	86996	
303.00	304.50	1.50	86998	
304.50	306.00	1.50	86999	quarter split
306.00	307.50	1.50	87001	
307.50	309.00	1.50	87002	
309.00	310.50	1.50	87003	
310.50	312.00	1.50	87004	
312.00	313.50	1.50	87005	
313.50	315.00	1.50	87006	
315.00	316.50	1.50	87007	1m missing due to previous sampling
316.50	318.00	1.50	87008	
318.00	319.00	1.00	87009	
319.00	320.00	1.00	87010	
320.00	321.30	1.30	87011	

ANGLO AMERICAN

DRILL HOLE REPORT

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

Drilling
Azimuth: 45
Dip: -70
Length: 261
Started:
Completed:

Casing
Length: 0
Pulled: no
Capped: no
Cemented: no

Core
Dimension:
Storage: Kyak Site
Section:
Hole Type DDH
Core Size

From	*To*	*Core Size*
0.00	261.0 0	BQ

Location
Area:
Claim No.:
Map:
Hole: SURFACE

Other
Logged by: Martin Aucoin
Relog by:
Contractor:
Spotted by:
Surveyed:

Logged: 14-Aug-12
Target:
Comment:

Coordinate - Gemcom
East: 0
North: 0
Elev.: 0

Coordinate - Field
East: 451106
North: 6660305
Elev.: 0
Zone: 19
Datum: UTM-NAD27

Surveyed by:
Geophysics:
Geophysic Contractor:
Left in hole:
Making water: no
Multi shot survey: no

Deviation Tests

Distance	*Azimuth*	*Dip*	*Type*	*Good*	*Comments*
0.00	45.00	-70.00	C	☑	

ANGLO AMERICAN

LITHOLOGY REPORT
- Summary -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	*To (m)*		*Lithology*		
0.00	**6.10**	OB	***Overburden***		
6.10	**50.60**	1S	***Gabbronorite***	***Serpentine in Veins***	***Po Disseminated***
50.60	**158.30**	1B	***Peridotite***	***Serpentine in Veins***	***Po Disseminated***

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology
0.00	6.10	**OB** ***Overburden***
6.10	50.60	**1S** ***Gabbronorite*** ***Serpentine in Veins*** ***Po Disseminated***

Gabbronorite overall composition, with alternances of decimeter to meter-scale norite and peridotite bands. Trace to 5% interstitial, disseminated pyrrhotine, chalcopyrite, pyrite, and pentlandite. Locally blebby and veinlet form. Serpentine and calcite alteration in veins, and pervasive throughout. Massive fine to mm-scale texture. Larger peridotite content from 26.4 to 30.7 and 40.7 to 44.6m. Brecciated zones detailed in the structures section. RQD hard to assess due to age of core and previous manipulations, including splitting, but roughly between 30 and 50. gradationnal interdigitated contacts.

Texture Maj:	***Type***	***Comment***
6.10 - 50.60	hypi	interstitial minerals
6.10 - 50.60	sbid	groundmass material
6.10 - 50.60	htrg	variations in bands
6.10 - 50.60	m	main texture
Structure Maj.:	***Type/Core Angle***	***Comment***
6.10 - 50.60	bx	serpentine-calcite-chlorite breccia from 8,2 to 9 m, 10,7 to 11,2m, and from 35 to 36m
6.10 - 50.60	bc	10-20 % of core is broken
6.10 - 50.60	f 45	follows veinlets
6.10 - 50.60	vcal 45	30deg, 60 deg dominant, many irregular veinlets in all directions
6.10 - 50.60	vsrp 45	30deg, 60 deg dominant, many irregular veinlets in all directions
Alteration Maj:	***Type/Style/Intensity***	***Comment***
6.10 - 50.60	Chl FV m	Strong clayish chlorite in breccia infill and weak locally

Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
87014	6.00	7.50	1.50	-	-	-	-	-	-
87016	7.50	8.20	0.70	-	-	-	-	-	-
87017	8.20	9.00	0.80	-	-	-	-	-	-
87018	9.00	10.50	1.50	-	-	-	-	-	-
87019	10.50	11.50	1.00	-	-	-	-	-	-
87021	11.50	12.50	1.00	-	-	-	-	-	-
87022	12.50	13.10	0.60	-	-	-	-	-	-
87023	13.10	14.40	1.30	-	-	-	-	-	-
87024	14.40	15.90	1.50	-	-	-	-	-	-
87025	15.90	17.00	1.10	-	-	-	-	-	-
87027	17.00	18.00	1.00	-	-	-	-	-	-
87028	18.00	19.00	1.00	-	-	-	-	-	-
87030	19.00	20.50	1.50	-	-	-	-	-	-
87031	21.10	21.60	0.50	-	-	-	-	-	-
87032	26.20	27.50	1.30	-	-	-	-	-	-
87033	27.50	28.30	0.80	-	-	-	-	-	-
87034	30.70	31.70	1.00	-	-	-	-	-	-
87035	33.00	34.30	1.30	-	-	-	-	-	-
87036	34.30	35.80	1.50	-	-	-	-	-	-
87038	35.80	37.00	1.20	-	-	-	-	-	-
87039	37.00	38.50	1.50	-	-	-	-	-	-

From (m)	To (m)	Lithology			Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
				throughout.	87041	38.50	40.00	1.50	-	-	-	-	-	-
		6.10 - 50.60	Carb FV m	Well developped cm-scale calcite crystals in veins. Locally pervasive	87042	40.00	40.70	0.70	-	-	-	-	-	-
					87043	40.70	42.20	1.50	-	-	-	-	-	-
		6.10 - 50.60	Srp FV m	Locally strong and pervasive, see 12,8 to 13 m and 15.2 to 15.5m.	87044	43.80	44.60	0.80	-	-	-	-	-	-
					87046	44.60	46.00	1.40	-	-	-	-	-	-
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***	87047	46.00	47.30	1.30	-	-	-	-	-	-
		6.10 - 50.60	PN D	possible pentlandite but identification is questionnable	87048	48.60	49.60	1.00	-	-	-	-	-	-
		6.10 - 50.60	CCP D	rare, seen in previously sampled material (see 25.3m)	87049	49.60	50.60	1.00	-	-	-	-	-	-
50.60	158.30	**1B *Peridotite***	***Serpentine in Veins***	***Po Disseminated***	87051	50.60	51.30	0.70	-	-	-	-	-	-
		Peridotite overall composition, with local bands decimeter to meter-scale bands of norite-gabronorite. Trace to 2 % disseminated interstitial sulphides. Serpentine and calcite alteration in veinlets and veins, and locally pervasive. Overall RQD from 60 to 80. Relatively homogeneous unit, allthough some parts approach the pyroxenite composition i.e. 100-110m. Slightly magnetic. Whole rock sample is taken @ 119.4-119.7m.			87052	54.00	55.50	1.50	-	-	-	-	-	-
					87053	55.50	57.00	1.50	-	-	-	-	-	-
					87054	57.00	58.50	1.50	-	-	-	-	-	-
		Texture Maj:	***Type***	***Comment***	87056	58.50	60.00	1.50	-	-	-	-	-	-
		50.60 - 158.30	idio	local pyrite crystals	87057	60.00	61.30	1.30	-	-	-	-	-	-
		50.60 - 158.30	hypi		87058	62.80	64.30	1.50	-	-	-	-	-	-
		50.60 - 158.30	sbid		87060	64.30	65.80	1.50	-	-	-	-	-	-
		50.60 - 158.30	m		87061	65.80	67.30	1.50	-	-	-	-	-	-
		Structure Maj.:	***Type/Core Angle***	***Comment***	87062	67.30	68.80	1.50	-	-	-	-	-	-
		50.60 - 158.30	bx	local breccia veins; i.e. 89m.	87063	68.80	70.00	1.20	-	-	-	-	-	-
		50.60 - 158.30	f	follows veins and veinlets	87064	70.00	71.50	1.50	-	-	-	-	-	-
		50.60 - 158.30	vcal 60	two major groups: 20-40 and 55-75 deg. Younger than serpentine.	87066	71.50	73.00	1.50	-	-	-	-	-	-
					87067	73.00	74.50	1.50	-	-	-	-	-	-
		50.60 - 158.30	vsrp 60	two major groups: 20-40 and 55-75 deg.	87068	74.50	76.00	1.50	-	-	-	-	-	-
					87070	76.00	77.50	1.50	-	-	-	-	-	-
		Alteration Maj:	***Type/Style/Intensity***	***Comment***	87071	77.50	78.50	1.00	-	-	-	-	-	-
		50.60 - 158.30	Carb FV w	locally moderate	87072	78.50	80.00	1.50	-	-	-	-	-	-
		50.60 - 158.30	Srp FV m	chrysotile locally	87073	80.00	81.00	1.00	-	-	-	-	-	-

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology		
		Mineralization Maj. :	***Type/Style/%Mineral***	***Comment***
		50.60 - 158.30	CCP D	very rare
		50.60 - 158.30	PY D	also in veinlets
		50.60 - 158.30	PN D	trace amounts, locally up to 1%
		50.60 - 158.30	PO D 1	

Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
87074	81.00	81.60	0.60	-	-	-	-	-	-
87075	83.10	84.00	0.90	-	-	-	-	-	-
87077	84.00	85.50	1.50	-	-	-	-	-	-
87078	85.50	87.00	1.50	-	-	-	-	-	-
87079	87.00	88.50	1.50	-	-	-	-	-	-
87080	88.50	90.00	1.50	-	-	-	-	-	-
87082	90.00	91.50	1.50	-	-	-	-	-	-
87083	91.50	93.00	1.50	-	-	-	-	-	-
87084	93.00	94.50	1.50	-	-	-	-	-	-
87085	94.50	96.00	1.50	-	-	-	-	-	-
87086	96.00	97.50	1.50	-	-	-	-	-	-
87088	98.80	100.00	1.20	-	-	-	-	-	-
87089	100.00	101.50	1.50	-	-	-	-	-	-
87090	101.50	103.00	1.50	-	-	-	-	-	-
87092	103.00	104.50	1.50	-	-	-	-	-	-
87094	104.50	106.00	1.50	-	-	-	-	-	-
87096	106.00	107.50	1.50	-	-	-	-	-	-
87098	107.50	109.00	1.50	-	-	-	-	-	-
87100	109.00	110.50	1.50	-	-	-	-	-	-
87101	110.50	112.00	1.50	-	-	-	-	-	-
87103	112.00	113.00	1.00	-	-	-	-	-	-
87104	113.00	114.10	1.10	-	-	-	-	-	-
87105	115.60	117.00	1.40	-	-	-	-	-	-
87107	117.00	118.00	1.00	-	-	-	-	-	-
87108	118.00	119.40	1.40	-	-	-	-	-	-
87110	122.20	123.70	1.50	-	-	-	-	-	-
87111	123.70	125.20	1.50	-	-	-	-	-	-

ANGLO AMERICAN

LITHOLOGY REPORT
- Detailed -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Lithology	Sample #	From	To	Length	Ni (%)	Cu (%)	Pt (ppb)	Pd (ppb)	Co (%)	Cr (%)
			87112	125.20	126.70	1.50	-	-	-	-	-	-
			87114	126.70	128.20	1.50	-	-	-	-	-	-
			87115	129.30	130.50	1.20	-	-	-	-	-	-
			87117	130.50	132.00	1.50	-	-	-	-	-	-
			87118	132.00	133.50	1.50	-	-	-	-	-	-
			87119	133.50	135.00	1.50	-	-	-	-	-	-
			87120	135.00	136.50	1.50	-	-	-	-	-	-
			87121	136.50	138.00	1.50	-	-	-	-	-	-

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
6.00	7.50	1.50	87014	no wing samples because start of hole
7.50	8.20	0.70	87016	
8.20	9.00	0.80	87017	
9.00	10.50	1.50	87018	
10.50	11.50	1.00	87019	
11.50	12.50	1.00	87021	
12.50	13.10	0.60	87022	
13.10	14.40	1.30	87023	
14.40	15.90	1.50	87024	
15.90	17.00	1.10	87025	
17.00	18.00	1.00	87027	
18.00	19.00	1.00	87028	
19.00	20.50	1.50	87030	
21.10	21.60	0.50	87031	
26.20	27.50	1.30	87032	
27.50	28.30	0.80	87033	
30.70	31.70	1.00	87034	
33.00	34.30	1.30	87035	
34.30	35.80	1.50	87036	
35.80	37.00	1.20	87038	
37.00	38.50	1.50	87039	
38.50	40.00	1.50	87041	
40.00	40.70	0.70	87042	
40.70	42.20	1.50	87043	
43.80	44.60	0.80	87044	
44.60	46.00	1.40	87046	

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
46.00	47.30	1.30	87047	
48.60	49.60	1.00	87048	
49.60	50.60	1.00	87049	
50.60	51.30	0.70	87051	
54.00	55.50	1.50	87052	
55.50	57.00	1.50	87053	
57.00	58.50	1.50	87054	
58.50	60.00	1.50	87056	
60.00	61.30	1.30	87057	
62.80	64.30	1.50	87058	
64.30	65.80	1.50	87060	
65.80	67.30	1.50	87061	
67.30	68.80	1.50	87062	
68.80	70.00	1.20	87063	
70.00	71.50	1.50	87064	
71.50	73.00	1.50	87066	
73.00	74.50	1.50	87067	
74.50	76.00	1.50	87068	
76.00	77.50	1.50	87070	
77.50	78.50	1.00	87071	
78.50	80.00	1.50	87072	
80.00	81.00	1.00	87073	
81.00	81.60	0.60	87074	
83.10	84.00	0.90	87075	
84.00	85.50	1.50	87077	
85.50	87.00	1.50	87078	

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	To (m)	Length (m)	Sample #	Comments
87.00	88.50	1.50	87079	
88.50	90.00	1.50	87080	
90.00	91.50	1.50	87082	
91.50	93.00	1.50	87083	
93.00	94.50	1.50	87084	
94.50	96.00	1.50	87085	
96.00	97.50	1.50	87086	
98.80	100.00	1.20	87088	
100.00	101.50	1.50	87089	
101.50	103.00	1.50	87090	
103.00	104.50	1.50	87092	
104.50	106.00	1.50	87094	
106.00	107.50	1.50	87096	
107.50	109.00	1.50	87098	
109.00	110.50	1.50	87100	
110.50	112.00	1.50	87101	
112.00	113.00	1.00	87103	
113.00	114.10	1.10	87104	
115.60	117.00	1.40	87105	
117.00	118.00	1.00	87107	
118.00	119.40	1.40	87108	
122.20	123.70	1.50	87110	
123.70	125.20	1.50	87111	
125.20	126.70	1.50	87112	
126.70	128.20	1.50	87114	
129.30	130.50	1.20	87115	

ANGLO AMERICAN

SAMPLE DESCRIPTION REPORT

- Assay -

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

From (m)	*To (m)*	*Length (m)*	*Sample #*	*Comments*
130.50	132.00	1.50	87117	
132.00	133.50	1.50	87118	
133.50	135.00	1.50	87119	
135.00	136.50	1.50	87120	
136.50	138.00	1.50	87121	

ANGLO AMERICAN

QUALITY CONTROL REPORT

Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

Distance (m)	Sample #	Sample Type	Duplicate of	Standard name	Laboratory	Al2o3 (%)	Au (ppb)	Cao (%)	Co (%)	Cr (%)	Cr2o3 (%)	Cu (%)	Fe2o3 (%)	K2o (%)	Mgo (%)	Mno (%)	Na2o (%)	Ni (%)	P2o5 (%)	Pd (ppb)	Pt (ppb)	Rh (ppb)	Sio2 (%)	Tio2 (%)
	87123						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.51	87015	Blank			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.51	87020	Standard			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.91	87026	Field Dup	87025		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.01	87029	Coarse Dup	87028		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35.81	87037	Standard			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38.51	87040	Blank			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43.81	87045	Field Dup	87044		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49.61	87050	Coarse Dup	87049		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57.01	87055	Blank	87054		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62.81	87059	Field Dup	87058		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71.51	87065	Standard			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74.51	87069	Coarse Dup	87968		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84.01	87076	Standard			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88.51	87081	Coarse Dup	87080		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97.51	87087	Blank			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101.51	87091	Field Dup	87090		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104.51	87093	Blank			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104.52	87095	Field Dup	87094		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107.51	87097	Standard			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107.52	87099	Coarse Dup	87098		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112.01	87102	Blank			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115.61	87106	Field Dup	87105		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126.71	87113	Standard			Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129.31	87116	Coarse Dup	87115		Chemex		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Hole Number: **PB01-11** Project: **PAYNE BAY** Project Number: **2419**

136.51	87122	Coarse Dup	87121	Chemex	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-