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ASSESSMENT REPORT ON
CONSOLIDATED GOLDWEST RESOURCES LTD.'S
PUP PROJECT

GALORE CREEK AREA
LIARD MINING DIVISION
BRITISH COLUMBIA

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

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January 10, 1991

OREQUEST



SUMMARY

Consolidated Goldwest Resources Ltd. has the right to earn a 100% interest in the Pup Project, located in the Galore Creek area of northwestern British Columbia. The property comprises 7 mineral claims totalling 101 units situated within the Liard Mining Division. Access is by helicopter with the closest airstrips at Galore Creek or Porcupine River.

The Galore Creek area was extensively explored in the 1950's and 1960's for porphyry copper deposits following the discovery in 1955 of the Galore Creek copper-gold deposit. The Copper Canyon copper-gold and Schaft Creek copper-molybdenum deposits were subsequently defined, however neither of these are presently economic. Exploration activity resumed in the early 1980's, with precious metals of primary interest, and has intensified in the latter portion of the decade. This is a result of several exploration successes in the area to the southeast, the Iskut-Sulphurets-Stewart region.

The Consolidated Goldwest claims are underlain by a sequence of rocks including Permian limestone, fault bound wedges of Middle Triassic shale and an Upper Triassic Stuhini Group assemblage of sediments, volcanic flows and tuffs.

Two primary areas on the Pup Project worthy of more detailed evaluation were defined by previous work, one named the Saddle Zone and the other the Malachite Zone. The 1990 field program concentrated on expanding the Saddle Zone anomaly and providing more detailed

geological and geochemical information on the remainder of the property. The Saddle Zone features several prominent parallel northerly trending shear zones which form recessive, gossanous gullies and have associated sulphide-bearing quartz offshoots along their margins. These cover an area some 300 metres wide by 1700 metres long.

The Malachite Zone constitutes a porphyry style occurrence, featuring both disseminated and quartz vein-hosted pyrrhotite-pyrite-chalcopyrite mineralization within altered volcanics. This zone has been mapped over an area 300 metres by 400 metres, however contour soil sampling suggests that similar mineralization may exist over a larger area.

The Saddle Zone is of particular interest since it includes altered, quartz-hornblende porphyritic diorite/monzonite plugs. They have been mapped as being early Jurassic, an age which is thought to be a particularly prolific period of mineral deposit genesis, however texturally they more closely resemble Tertiary intrusives found elsewhere in the Galore Creek area. Mineralization associated with the latter is characterized by quartz veining and shearing with associated silicification, sericitization and pyritization. This appears to be the case in the Saddle Zone, where irregular sulphide-bearing quartz veins are evident in foliated, well altered rocks adjacent to prominent, northerly trending shears. The shears have formed gossanous, overburden filled recessive gullies, limiting their exposure, however these linear features can be traced along strike for

over 1700 metres. Previous sampling of the veins in the Saddle Zone area produced values up to 810 ppb gold, 40 ppm silver, 1.92% copper and 1.91% zinc, while the shears themselves have returned up to 0.038 oz/ton gold, 1.95% lead and 3.4% zinc. A grid was established over the Saddle Zone extending from the south property boundary a distance of 1700 m north. This was used as control for soil and rock sampling detailed mapping, magnetic and electromagnetic surveys. A geophysical program consisting of VLF-EM and magnetometer surveys was carried out over 9.75 km of flagged grid on the Saddle Zone.

In total 432 soil samples were collected on the property, from the B horizon where possible. The depth to this layer varied between 5 and 30 cm, where present, with the C horizon used if necessary. Samples were stored in standard Kraft paper bags for shipment to TSL Laboratories for analysis.

Rock sampling totalled 199 samples, both grab and continuous chips, from all areas of the property. Only 2 silt samples were collected as the majority of drainages had been sampled in previous programs.

Results of the work on the Saddle Zone show a strong north northeast trending soil anomaly with values up to 0.041 oz/ton gold. A series of chip samples were collected over 122 m of line 8N which returned a maximum value of 560 ppb gold and 2700 ppm copper over 1.4 m. The average grade over 26.6 m was 225 ppb gold. The geophysical surveys show positive correlation with this geochemical trend.

The Malachite Zone has produced grab sample values up to 2.05% copper and 0.036 oz/ton gold, however, as a porphyry-style occurrence it requires consistent grades over a substantial area. The mapping and sampling carried out to date is limited in scope. Soil samples anomalous in copper and gold were collected along topographic contours up to 500 metres south of the zone, toward the Saddle Zone. More prospecting, mapping and sampling is required at the Malachite Zone and south to determine its extent and relationship, if any, to the Saddle Zone. Continued property-wide prospecting and sampling of zones of mineralization and alteration, is necessary.

The Pup Project is still in the early stages of exploration however it displays favourable geological, geochemical and structural attributes.

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INTRODUCTION

This report was prepared by OreQuest Consultants Ltd. at the request of Consolidated Goldwest Resources Ltd., who has the right to earn a 100% interest in the Pup Project. The property is composed of the OP 1-2 and Pup 1-5 mineral claims totalling 101 units. Exploration history, regional geology and recent work on the property are summarized and recommendations for further exploration are made.

The information contained in this report is derived from field data acquired during implementation of the 1990 work program by OreQuest during the period August 11 to September 27 and a compilation of previous data as listed in the Bibliography.

LOCATION AND ACCESS

The Pup Project is located within the Coast Range Mountains approximately 180 kilometres northwest of Stewart and 80 kilometres south of Telegraph Creek in northwestern British Columbia (Figure 1), centred at 57°12'N latitude and 131°29'W longitude. Mapsheet reference is 104G/3W, 4E.

Access to the Pup property during the 1990 exploration program was provided by helicopter from the OreQuest field camp on Split Creek, located approximately 15 km to the southwest. During the field season, fixed-wing aircraft can provide supply flights directly from Smithers, via the Bronson Creek or Bob Quinn Lake airstrips to the Porcupine River strip, 10 km south of camp. Supplies were more

PUP PROJECT

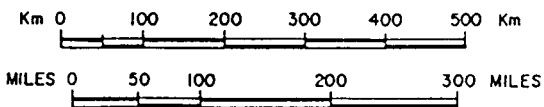


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Figure 1
PUP PROJECT
Liard Mining Division
LOCATION MAP
British Columbia
NTS: 104 G/3W, 4E



JANUARY 1990

commonly obtained from Wrangell, Alaska, 75 km southwest of Porcupine, which provides a full range of services, including a major commercial airport. The Porcupine River strip is suitable only for single engine aircraft. The Scud River airstrip, located 23 kilometres to the northwest of the Pup property, is suitable for DC-3 aircraft. Another airstrip and camp facility is seasonally operational at Galore Creek, 8 km southeast of the property.

The Stikine River has been navigated by 100-ton barges upriver as far as Telegraph Creek, allowing economical transportation of heavy machinery and fuel to the Scud River airstrip. In the early 1960's, Kennco constructed a cat road from their Galore Creek copper-gold deposit down the south side of the Scud River to the Stikine River and the Scud River airstrip. This cat road, which passes within a few hundred meters of the northeast corner of the Pup claim group, has not been maintained and would require some reconstruction before becoming passable. During the 1990 program, helicopters were stationed in the Equity Engineering Ltd. camp at the Porcupine strip and at the Galore Creek strip.

PHYSIOGRAPHY AND VEGETATION

The OP and Pup claims cover most of the Pup Creek drainage, extending south into the headwaters of Jack Wilson Creek and north into the drainage of an unnamed creek which drains north into the Scud River. Topography is rugged, typical of mountainous and glaciated terrain, with elevations ranging from 350 metres in the Scud River

valley on the northeast corner of the OP 1 claim to 2150 metres on the unnamed peak situated on the western boundary of the Pup 2 claim. Northerly-facing slopes are covered with permanent snowfields at higher elevations. One valley glacier descends to the 1150 metre elevation on the OP 1 claim.

Lower slopes are covered by a mature forest of hemlock, spruce and balsam fir with a dense undergrowth of devil's club, alder and huckleberry. Above treeline, which occurs at approximately 1000 metres, the creek beds and slopes are covered by dense slide alder and willow growth. The steeper slopes are covered in short heather and other alpine vegetation. Rock exposure is excellent above 1000 metres, though much of it is inaccessible due to the steepness of the terrain.

The property lies in the wet belt of the Coast Range Mountains, with annual precipitation between 190 and 380 centimetres (Kerr, 1948a). Except during July, August and September, precipitation at higher elevations falls mainly as snow, with accumulations reaching three metres or more. Both summer and winter temperatures are moderate, ranging from -5°C in the winter to 20°C in the summer months.

CLAIM STATUS

Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the OP 1-2 and Pup 1-5 claims are

owned by Consolidated Goldwest Resources Ltd. Claim data is summarized in Table 1 and Figure 2. The Pup 5 claim was staked to cover a small internal fraction between the Pup 1, 2, 3 and 4 claims.

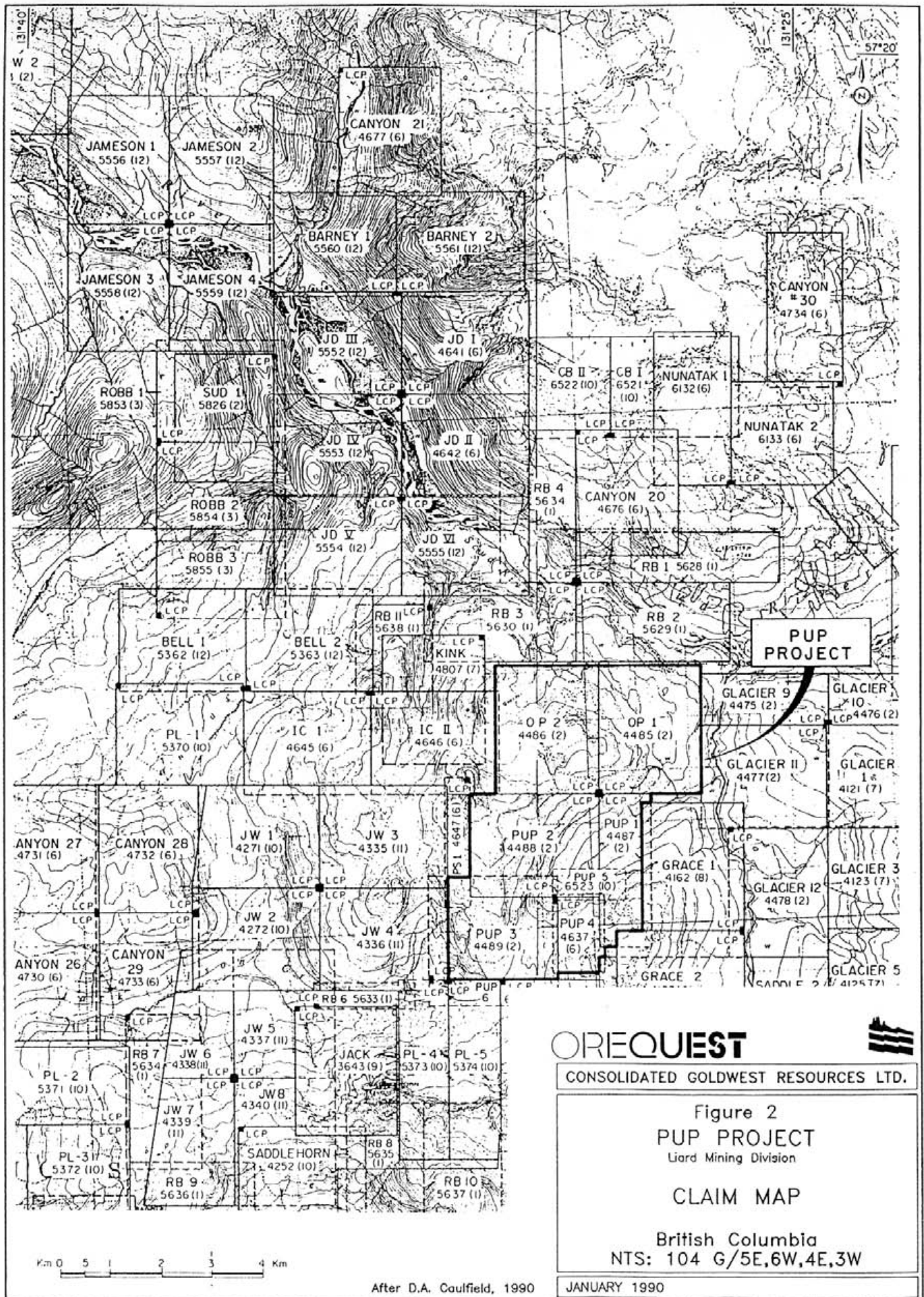
TABLE 1 - CLAIM INFORMATION

Claim Name	Record Number	No. of Units	Record Date	Expiry Date
OP 1	4485	20	Feb 22/88	Feb 22/94
OP 2	4486	20	Feb 22/88	Feb 22/94
Pup 1	4487	12	Feb 22/88	Feb 22/94
Pup 2	4488	20	Feb 22/88	Feb 22/94
Pup 3	4489	20	Feb 22/88	Feb 22/94
Pup 4	4637	6	June 13/88	June 13/94
Pup 5	6523	<u>3</u>	Oct 14/89	Oct 14/94
		101		

The expiry dates shown above reflect assessment filed Oct. 15, 1990, based on the 1990 exploration program.

GENERAL AREA HISTORY

The Galore Creek district (Figure 3) was extensively explored for its copper potential throughout the 1960's, following the discovery in 1955 of the Galore Creek copper-gold porphyry deposit. This deposit, whose Central Zone hosts reserves of 125 million tonnes grading 1.06% copper and 400 ppb gold (Allen et al, 1976), is located approximately five kilometres south of the Pup property. Several major mining companies conducted regional mapping and silt sampling programs over the entire Galore Creek area, and the Copper Canyon copper-gold porphyry, estimated by Grant (1964) at 28 million tonnes grading 0.64% copper, was discovered eight kilometres east of the



PUP PROJECT

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Figure 2
PUP PROJECT
 Lard Mining Division
CLAIM MAP
 British Columbia
 NTS: 104 G/5E,6W,4E,3W

After D.A. Caulfield, 1990

JANUARY 1990



NAME OF OCCURRENCE	MINERAL RESERVES AND/OR ELEMENTS	
1. Galore Creek	125,000,000 tonnes	0.40 gm/tonne Au 7.70 gm/tonne Ag
2. Copper Canyon	25,000,000 tonnes	0.64% Cu
3. Paydirt	185,000 tonnes	4.11 gm/tonne Au
4. Schaft Creek	330,000,000 tonnes	0.32 gm/tonne Au 1.50 gm/tonne Ag 0.40% Cu 0.036% MoS ₂
5. Trophy		Au, Cu, Pb, Zn, Ag
6. Trek		Au, Cu, Pb, Zn, Ag, Mo
7. Icy		Au, Cu, Ag
8. Jack Wilson		Au, Cu
9. Ann/Su		Cu
10. Jay		Cu, Au, Ag
11. Devil's Club		Cu, Ag, Au
12. Hicks		Cu, Mo
13. Alberta		Cu
14. Pup		Cu, Au, Pb, Zn
15. JD		Cu, Au, Pb, Zn
16. North Scud		Cu
17. Middle Scud		Cu, Ag
18. Stikine East		Cu
19. Joan, MB		Cu, Au, Ag
20. Kim		Cu, Au, Ag
21. Wiser		Au, Ag
22. Cuds		Au, Ag, Pb, Cu
23. Ginny		Au
24. Sahal		Cu, Au
25. Oksa Creek		Cu, Pb, Zn, Au, Ag
26. PL 7-11		Au, Ag, Cu, Zn
27. Bix		Cu
28. Wiser II		Au
29. Bell		Au

● MINERAL OCCURRENCE

★ MINERAL DEPOSIT



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Figure 3
PUP PROJECT
Laird Mining Division
REGIONAL MINERAL
OCCURRENCE MAP

British Columbia
NTS: 104 G/3W, 4E

JANUARY 1990

After D.A. Caulfield, 1990

Galore Creek Central Zone in 1957. Unfortunately, most of the regional data collected at that time was not filed for assessment credit and is not available.

Conwest Exploration staked the CW claim group in 1964 over a large area north and west of the Galore Creek deposit, including the Galore Pup drainage. They conducted regional mapping and sampling over their claims, taking fifteen rock samples and 91 silt samples in 1964, of which five rock samples and 23 silt samples were taken from the area now covered by the OP and Pup claims. Of the thirteen silt samples which returned values of 300 ppm copper or higher, ten were taken from ground currently covered by the Pup claim group. No silt samples and only selected rock samples were analyzed for gold (Grant, 1964).

In 1965, PCE Explorations and Canadian Superior Explorations staked the OP claims near the present location of the OP 1 and 2 claims, but allowed them to lapse after performing limited soil and stream geochemical sampling (Hindson, 1965).

In the early 1980's, Teck Corp. conducted regional exploration for gold and base metals throughout the area, and delineated 185,000 tonnes of drill-indicated reserves grading 4.11 g/t gold (0.12 oz/ton) in the Paydirt deposit (Holtby, 1985), which is located approximately fifteen kilometres south of the Pup property. In 1987, several precious metal occurrences were discovered on the Trophy Project,

which adjoins the OP 1 claim to the east. Continental Gold, which acquired the Trophy Project in 1988, reported trench samples averaging 2.40 g/t (0.07 oz/ton) gold and 164.5 g/t (4.80 oz/ton) silver across 56.4 metres from their Ptarmigan A zone (Continental, 1988a). Gigi Resources Ltd. acquired the Trophy Project in 1989 and during the 1990 field season drilled 1,885 metres in 10 holes on the Ptarmigan and N110 Zones. The best intersections were 9.94 grams/tonne (0.290 oz/ton) gold and 38.0 grams/tonne (1.11 oz/ton) silver over 14.1 metres from the Ptarmigan Zone and 2.06 grams/tonne (0.060 oz/ton) gold over 15.0 m on the N110 Grid (Gigi Resources News Release).

Slocan Development Corporation's Sand Project adjoins the northwest corner of the Pup Project. During the 1990 field program they located the Twilight zone, a minimum 350 m long, 1 to 5 m wide shear zone within limestones containing chalcopryrite, pyrite, sphalerite and galena. Grab samples have returned assays up to 11.08% copper, 9.5% lead, 2.72% zinc, 4.01 oz/ton silver and 0.043 oz/ton gold.

On the Deluxe Zone of Consolidated Goldwest Resources Ltd., 20 km south of the Pup Project, grab samples collected in 1989 assayed up to 0.306 oz/ton gold, and float samples up to 8.251 oz/ton gold, 20.54 oz/ton silver, 1.83% copper and 1.98% zinc. This zone was tested by 6 drill holes however the source of the anomaly was not determined.

During the 1990 field season Consolidated Rhodes Resources Ltd. conducted a drilling program on the Copper Canyon deposit which intersected values up to 1.06% copper and 0.056 oz/ton gold over 884.2 feet. Shorter intervals of 0.217 oz/ton gold over 29.5 feet and 0.142 oz/ton gold over 52.5 feet were also recorded.

PROPERTY EXPLORATION HISTORY

During September of 1988, Equity Engineering Ltd. on behalf of Consolidated Goldwest Resources Ltd., carried out a preliminary exploration program on the Pup Project, consisting of geological mapping, prospecting and geochemical sampling. Eleven field-sieved stream sediment samples were collected from tributaries of Pup Creek. All of these contained appreciable gold with three samples carrying greater than 60 ppb gold. Five rock samples were collected from mineralized outcrop and float in the drainage of Pup Creek, with values up to 1000 ppb gold and 4800 ppm copper (Awmack, 1989).

During August, September and October of 1989, Equity Engineering carried out a follow-up exploration program consisting of reconnaissance geological mapping, prospecting and contour soil sampling. This exploration was targeted at mesothermal precious metal vein/shear occurrences similar to those occurring elsewhere in the Galore Creek district and within a similar geological environment which stretches south to the Iskut River, Sulphurets and Stewart mining districts.

Prospecting and reconnaissance geological mapping was conducted on a 1:10,000 scale topographic orthophoto base, prospective zones of alteration and mineralization were sampled, both in outcrop and float, and contour soil lines were established downslope from gossanous zones and over areas from which stream sediment sampling by Conwest in 1964 had produced anomalous copper values. Two areas of interest were defined by this work, referred to as the Saddle and Malachite Zones.

During the 1990 field program a grid was established over the Saddle Zone, extending 1700 m north from the south property boundary. This area was soil and rock sampled, mapped and covered by magnetic and electromagnetic surveys. The Malachite Zone was covered by additional contour soil samples, prospecting, mapping and rock sampling.

A small grid was emplaced over a limestone contact in the northeast portion of the property and contour soil sampling and prospecting were carried out over the remainder of the claim block.

REGIONAL GEOLOGY

The first geological investigations of the Stikine River in northwestern British Columbia began over a century ago when Russian geologists came to Russian North America assessing the area's mineral potential (Alaskan Geographic Society, 1979, in Brown and Gunning, 1988). This was followed by the first Geological Survey of Canada foray of G.M. Dawson and R. McConnell in 1887. Several more

generations of federal and provincial geologists have been sent to the Stikine, including Kerr (1948), the crew of Operation Stikine (GSC, 1957), Panteleyev (1976), Souther (1972), Souther and Symons (1974), Monger (1977), and Anderson (1989). The British Columbia Geological Survey has recently completed regional mapping of the area at a scale of 1:50,000 by Brown and Gunning (1989a,b) and Logan and Koyanagi (1989a,b).

The Galore Creek Camp lies within the Intermontane Belt, a geological and physiographic province of the Canadian Cordillera which flanks the Coast Plutonic Complex to the west (Figure 4). At Galore Creek, the generally northwest-trending structure of the Intermontane Belt is discordantly cut by the northeast-trending Stikine Arch which became an important, relatively positive tectonic element in Mesozoic time when it began to influence sedimentation into the Bowser Successor Basin to the southeast and into the Whitehorse Trough to the northwest (Souther et al., 1974).

Stikinian stratigraphy ranges from possibly Devonian to Jurassic, and was subsequently intruded by granitoid plutons of Upper Triassic to Eocene age. The oldest strata exposed in the Galore Creek camp are Mississippian or older mafic to intermediate volcanic flows and pyroclastic rocks (Map Units 4a and 4c) with associated clastic sediments and carbonate lenses (Map Unit 4b). These are capped by up to 700 metres of Mississippian limestone with a diverse fossil fauna (Map Unit 4d). It appears from fossil evidence that all of the

Pennsylvanian system is missing and may be represented by an angular unconformity and lacuna of 30 million years, though field relationships are complicated by faulting (Monger, 1977; Logan and Koyanagi, 1988). Permian limestones (Map Unit 6), also about 700 metres thick, lie upon the Mississippian limestone but are succeeded by a second lacuna amounting to about 20 million years from the Upper Permian to the upper Lower Triassic.

Middle and Upper Triassic siliciclastic and volcanic rocks (Map Unit 7) are overlain by Upper Triassic Stuhini Group siliciclastic (Map Unit 8a) and volcanic (Map Unit 8b, 8c and 8d) rocks, consisting of mafic to intermediate pyroclastic rocks and lesser flows. The Galore Creek porphyry copper deposit appears from field evidence to mark the edifice of an eroded volcanic centre with numerous sub-volcanic plutons of syenitic composition. Jurassic Bowser Basin strata onlap the Stuhini Group strata to the southeast of Iskut River but, because of erosion and non-deposition, are virtually absent from the Galore Creek area.

The plutonic rocks follow a three-fold division (Logan and Koyanagi, 1988). Middle Triassic to Late Jurassic syenitic and broadly granodioritic intrusions are partly coeval and cogenetic with the Stuhini Group volcanics and include the composite Hickman Batholith (Map Unit 9) and the syenitic porphyries of the Galore Creek Complex (Map Unit 11). Jura-Cretaceous Coast Plutonic Complex intrusions (Map Unit 12) occur on the west side of the Galore Creek

Camp, along the Stikine River, with the youngest of these intrusions occupying more axial positions along the trend of the Coast Plutonic Complex flanked by older intrusions. The youngest intrusives in the Galore Creek Camp are Eocene (quartz-) monzonitic plugs (Map Unit 13), felsic and mafic sills and dykes (Map Unit 14), and biotite lamprophyre (minette) dykes (Map Unit 14).

The dominant style of deformation in the Galore Creek area consists of upright north-trending, open to tight folds and northwest-trending, southwest-verging, folding and reverse faulting. Regional metamorphism is in the greenschist facies. Localized contact metamorphism ranges as high as pyroxene hornfels grade; and metasomatism is also noted near intrusions. Upright folding may be an early manifestation of a progressive deformation which later resulted in southwest-verging structures. Southwest-verging deformation involves the marginal phases of the Hickman Batholith and so is, at least in part, no older than Late Triassic.

Steeply dipping faults which strike north, northwest, northeast, and east have broken the area into a fault-block mosaic. North-striking faults are vertical to steeply east-dipping and parallel to the Mess Creek Fault (Souther, 1972), which was active from Early Jurassic to Recent times (Souther and Symons, 1974); northwest-striking faults are probably coeval with the north-striking faults, but locally pre-date them. East-west trending faults are vertical or steeply dipping to the north and have normal-type motion on them

(i.e., north-side down), whereas northeast-striking faults are the loci of (sinistral) strike-slip motion (Brown and Gunning, 1988a).

A number of metallic deposit types have been recognized in the Galore Creek camp: porphyry copper \pm molybdenum \pm gold deposits, structurally-controlled precious metal vein/shear deposits, skarns and breccia deposits. Porphyry copper deposits of this area include both the alkalic Galore Creek copper-gold and calc-alkalic Schaft Creek copper-molybdenum deposits. Galore Creek, which is associated with syenitic stocks and dykes rather than a quartz-feldspar porphyry, is further contrasted from the calc-alkaline Schaft Creek in that molybdenite is rare, magnetite is common and gold and silver are important by-products. The mineralization is clearly coeval and cogenetic with the spatially associated intrusive bodies. Other porphyry copper occurrences in the Galore Creek area include the Copper Canyon, Sue/Ann, Bik and Jack Wilson Creek deposits (Figure 3).

Structurally-controlled gold-silver deposits have been the focus of exploration in recent years. The vein/shear occurrences are similar throughout the Galore Creek camp in that they are mesothermal in nature, containing base metal sulphides with strong silica veining and alteration. However, it appears that the intrusive bodies associated with this mineralization fall into two classes on the basis of age and composition. These two classes are reflected in differences in the style of structures, sulphide mineralogy and associated alteration products. The intrusive types are: 1) Lower

Jurassic alkaline "Galore Creek" stocks; and 2) Eocene quartz monzonite to porphyritic granodiorite intrusions. Lead isotope data from the Stewart mining camp (Alldrick et al., 1987) further supports the proposition that separate Jurassic and Tertiary mineralizing events were "brief regional-scale phenomena".

Structures associated with the Lower Jurassic syenites are typically narrow (less than 2.0 metres) quartz-chlorite veins mineralized predominately with pyrite, chalcopyrite and magnetite. Examples of these structures in the Galore Creek camp include many of the discrete zones peripheral to the Galore Creek deposit and the gold-rich veins at Jack Wilson Creek. The Tertiary mineralization comprises discrete quartz veins and larger 'shear' zones characterized by pervasive silicification, sericitization and pyritization whose total sulphide content is commonly quite low. The quartz veins contain a larger spectrum of sulphide minerals including pyrite, chalcopyrite, pyrrhotite, arsenopyrite, galena and sphalerite. Unlike the Jurassic mineralization, silver grades may be very high. A number of mineral showings discovered in the Porcupine River area, including the Paydirt deposit, are of this type.

Skarns represent a minor percentage of the precious metal-bearing occurrences in the Galore Creek camp. The mineralogy of these deposits could be influenced by the composition of the intrusion driving the hydrothermal fluids, in much the same way as described above for the structurally-controlled deposits. If the invading

intrusives are alkalic, the skarn assemblage will be dominated by magnetite and chalcopyrite, as at the Galore Creek deposit and the Hummingbird skarn on the east side of the South Scud River.

The breccia hosted mineralization discovered in the Galore Creek camp precious metal deposits appear to be unique in style and mineralization. Three occurrences have been located in the camp: (1) the zinc-silver-gold Ptarmigan zone in the South Scud River area, (2) the copper-molybdenum-gold-silver breccia at the Trek property on Sphaler Creek and (3) the copper-bearing and magnetite breccias of the complex Galore Creek deposit. The single common denominator of each is that the zones are located along fault structures which may represent the main conduit for mineralizing fluids.

PROPERTY GEOLOGY

Geological mapping was conducted over most of the Pup property during the 1990 program both in detail over the Saddle Zone and reconnaissance on the rest of the claims (Figure 5). Descriptions below are based on Grant (1964), Logan et al. (1989 a,b), Ross (1989) and the work carried out on the property during 1990.

The oldest rock unit recognized on the property is a pale grey to buff-coloured, thickly bedded, crystalline Permian limestone (Unit 6a), with minor cherty and argillaceous interbeds, which underlies most of the OP 1 and 2 claims. The limestones on the property lie on the eastern limb of a northerly striking, southerly plunging syncline

mapped by Logan et al (1989b). A pronounced northwest striking fault cuts the limestones across the OP 1 claim and appears to truncate the thrust fault which has thrust the Permian limestone over the Upper Triassic Stuhini Group strata. Minor, irregular gabbroic dykes occur randomly in the limestones, apparently unrelated to any major structures.

The second oldest unit is a Middle Triassic carbonaceous silty shale (Unit 7). Logan et al. (1989b) have mapped this unit in fault-bounded wedges 600 metres northwest of the legal corner post for the OP 2 claim and at the edge of a glacier on the western boundary of that claim.

The remainder of the claim block is underlain by the Upper Triassic Stuhini Group of sediments, volcanic flows and tuffs (Unit 8) which are believed to conformably overlie the Middle Triassic sediments. Greywacke and sedimentary breccia (Unit 8a) are exposed along Pup Creek. The sedimentary breccia is composed of a grey-green fine- to medium-grained matrix containing numerous rip-up clasts of dark grey shale. Limited mapping along the southeastern slope of the valley confirmed the presence of siltstones and greywackes up to 1250 metres elevation. On the northwestern slope of the Pup Creek valley, the clastic sediments are overlain by 30 metres of black, graphitic, rusty weathering argillite which is overlain by an unknown thickness of grey-green siltstones containing 2-3% finely disseminated pyrite. Several discontinuous, pyrrhotite-bearing quartz-carbonate veins, less than 10 centimetres in width, crosscut the bedding.

Above the sediments, at approximately 1000 metres elevation, is a mixed package of weathered schistose rocks and altered volcanics of uncertain origin (Unit 8). Finely disseminated pyrite occurs in the schist. The volcanics are pyritic, rusty weathering and generally too oxidized to determine their original composition. These are overlain by mixed clastic sediments and tuffs (Unit 8a), similar to those exposed in Pup Creek, and at higher elevations by dark grey, well laminated argillites and siltstones. Minor pyroxene porphyry flows (Unit 8b) are interbedded with the sediments.

The ridge on the western half of the Pup 3 claim is dominantly underlain by pale grey-green crystal tuffs and tuffaceous siltstones (Unit 8c), and minor pyroxene porphyry flows (Unit 8b). Contacts between the two units are sharp and highly irregular. The tuffaceous units dominate the western half of the ridge with the sedimentary unit on the eastern half. Thin-bedded, dark grey, rusty weathering argillites of this unit (Unit 8a) outcrop on top of the ridge and as faulted, sheared wedges caught up in the volcanics. Several well defined shear zones, up to ten metres in width, strike 010° - 020° along the length of the ridge and dip steeply to the west. A wide band of sheared argillite and tuff is exposed on the main cliff face where this western ridge drops to the Saddle Zone. These beds form a large overturned isoclinal fold (nappe) dipping moderately to the west, closing to the east. Tightly folded and sheared argillite and tuff beds occupy the core of the fold. Several undeformed later stage andesite dykes (unit 14d) up to 3 m wide intrude these rocks. A

fault-bounded band of foliated argillites parallel the shears on the western side of the ridge and a one metre wide biotite lamprophyre dyke (Unit 14c) cuts the volcanic units on the eastern side. Numerous late stage, undeformed porphyritic dykes (Unit 14d) cut the older units.

Mineralization and Alteration

Three main mineralized zones have been recognized on the property: the Saddle Zone, the Malachite Zone and the Pickston Zone (Figure 5). These are; a vein hosted pyrrhotite-pyrite-chalcopyrite system, a porphyry style pyrrhotite-pyrite-chalcopyrite system and a skarn zone respectively.

Pyrite, generally disseminated, ranges up to 10% within the volcanics over most of the property while up to 3% blebby pyrrhotite occurs in the Malachite and Saddle Zones.

Alteration consists of mostly weak to moderate regional chloritization. Sheared zones are often sericitized. Local siliceous and limonitic zones occur throughout the property and tend to be associated with mineralization.

Saddle Zone

The Saddle Zone is hosted within altered (chloritized and sericitized) intermediate volcanics and porphyritic hornblende diorite plugs.

Several north to northeast trending, steeply west dipping shears form recessive zones of sericite and lesser chlorite schist. Sampling in the Saddle zone concentrated on the two major shears, the "Jack Wilson Shear", and the "Galena Shear".

The "Jack Wilson Shear", which trends north-northwest, dips 50° to the west and is approximately 10 m wide. The shear can be traced for approximately 1100 m along strike, across the saddle between Pup Creek and Jack Wilson Creek before disappearing under glacial debris in Jack Wilson Creek.

A zone of bleaching 750 m long and up to 120 m wide envelopes most of the "Jack Wilson Shear". Local sericitic and siliceous zones within this area of bleaching contain up to 2% galena, 1% chalcopyrite and 10% pyrite.

The "Galena Shear" trends 032° and dips steeply to the west, approximately 100 m east of and almost parallel to the Jack Wilson Shear. It is marked by a gully approximately 5 m deep, which merges with the Jack Wilson Shear to the south where it is truncated in the bowl shaped area at the head of Jack Wilson Creek. Erratic quartz veins with minor blebby galena occur in foliated volcanics near the edge of the recessive gully. The veins are generally less than 30 cm in width and several metres in length. White quartz comprises about 5% of the float within the gully, indicating that quartz veining is probably more extensive within the shear zone.

Alteration is variable and irregular, bleaching and minor clay alteration are present in some areas and silicification in others. Strong sericite and chlorite alteration prevails within the sheared zones resulting in extensive chlorite-sericite schists. Chlorite and epidote are also locally present in the volcanics. Pyrite is widespread, with most rocks containing a minimum of 2-3% silvery pyrite. Mineralization locally consists of 1-5% finely disseminated pyrite with lesser disseminated chalcopyrite, galena and sphalerite, with or without veins (quartz and quartz carbonate) in foliated host rocks. These small mineralized zones which mostly occur adjacent to shears, are generally less than 10 m across.

Quartz (carbonate) veins occur throughout the Saddle Zone, but are most prevalent towards the south where they locally contain up to 2% chalcopyrite, 5% pyrite, 3% pyrrhotite and traces of galena. A quartz vein stockwork at the south end of the Saddle Zone consists of veins up to 50 cm wide with as much as 40% pyrrhotite, 15% pyrite, 2% chalcopyrite, 1% galena, 1% sphalerite and traces of bornite and covellite. The wall rock is generally weakly siliceous and chloritic.

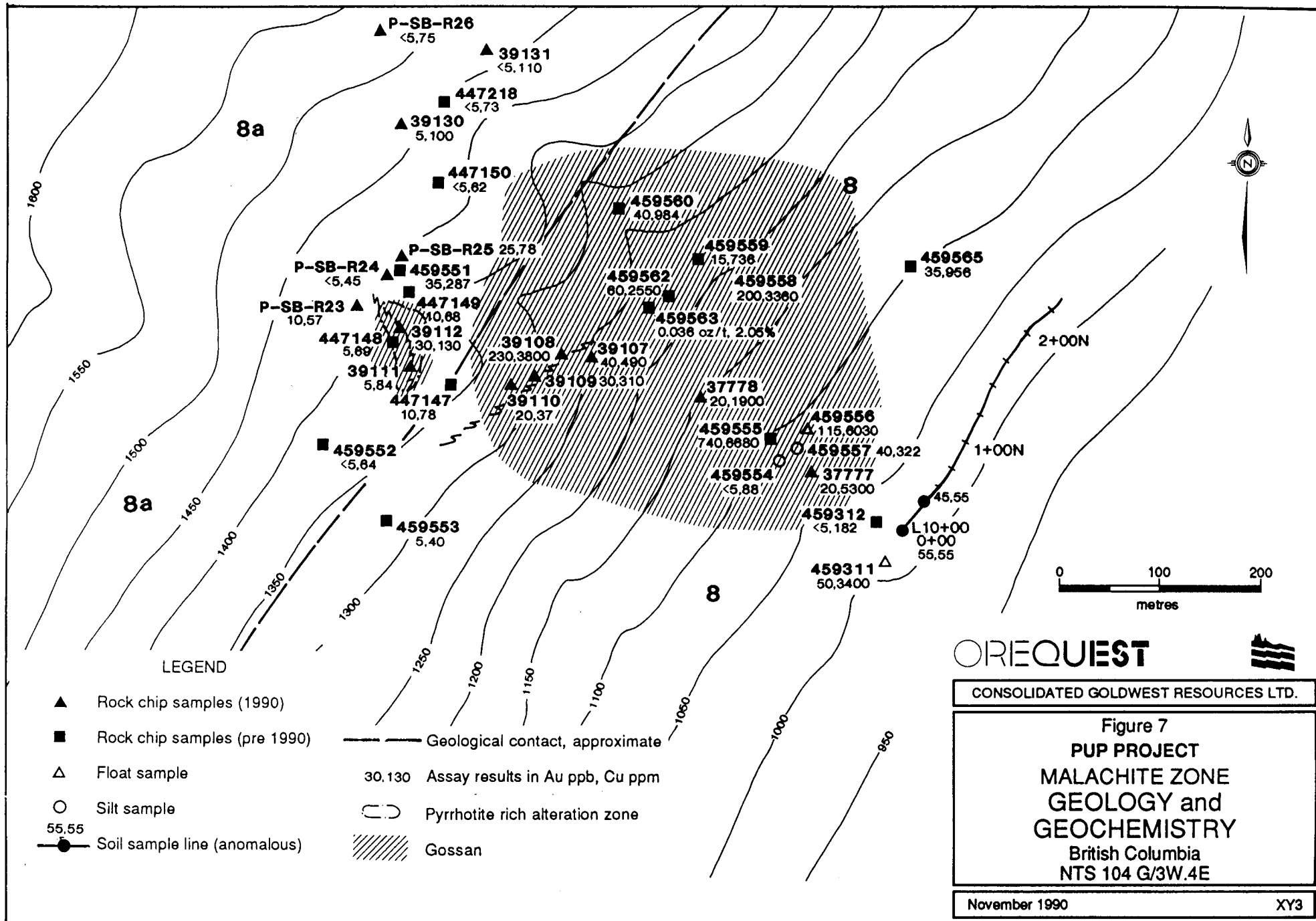
Fracture zones within the volcanics are often limonitic with local malachite staining. Limonitic alteration is directly related to the degree of fracturing irrespective of visible pyrite content.

Malachite Zone

The Malachite Zone is exposed over a lateral distance of 400 m between the 1000 m and 1400 m contours on the northwestern slope of the Pup Creek valley, in an area drained by several major tributaries of Pup Creek (Figure 7). It is hosted by intermediate tuffs and argillite ($160^{\circ}/55^{\circ}W$) which have been intruded by andesite and lamprophyre dykes. Foliation is parallel to that of the Saddle Zone, although it is generally very weak. Limonite alteration is pervasive throughout the Malachite Zone due to 3 to 5% disseminated pyrite in the volcanics.

Mineralization in the zone occurs as disseminations and as discrete quartz sulphide veins. In the first type, 1% to 7% pyrite and 1% to 2% chalcopyrite form blebs and disseminations within the altered volcanics. The resulting malachite stain is strongest around the two easternmost forks of the tributaries. The second type of mineralization consists of quartz veins with up to 5% pyrite and 1% chalcopyrite. The quartz veins are generally 2 to 30 cm in width and up to 5 m in length.

A pyrrhotite rich zone is located in the northwestern part of the Malachite Zone. A north-northwest trending shear contains as much as 10% pyrrhotite (interstitial and blebs), 10% interstitial pyrite and 1% chalcopyrite. The shear, approximately 40 m in length and up to 1 m wide has a limonitic pyrrhotite-rich halo 35 m wide. The pyrrhotite (1-5%) in the halo occurs as small blebs, less than 2 mm



P-SB-R26
<5.75

▲ 39131
<5.110

■ 447218
<5.73

▲ 39130
5.100

■ 447150
<5.62

8a

8

P-SB-R24 ▲ 459551
<5.45 35.287

▲ P-SB-R25 25.78

■ 459560
40.984

■ 459559
15.738

■ 459565
35.958

P-SB-R23 ▲ 447149
10.57 10.68

▲ 39112
30.130

■ 459562
80.2550

■ 459558
200.3380

▲ 447148
5.69

▲ 39108
230.3800

■ 459563
0.038 oz/t. 2.05%

▲ 39107
40.490

▲ 39111
5.84

▲ 447147
10.78

▲ 39109
30.310

▲ 37778
20.1900

■ 459552
<5.84

▲ 39110
20.37

■ 459555
740.8880

▲ 459556
115.8030

○ 459557 40.322

2+00N

1+00N

8a

8

■ 459553
5.40

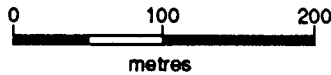
■ 459554
<5.88

▲ 37777
20.5300

■ 459312
<5.182

● L10+00
0+00 55.55

▲ 459311
50.3400



in size, decreasing away from the shear. Pieces of quartz vein found in float contain as much as 50% pyrrhotite, 15% pyrite and 1% chalcopyrite. This pyrrhotite zone appears as a deep red-brown gossan on the hillside.

Pickston Zone

The Pickston Zone consists of a sequence of siliceous mineralized pods and veins within a prominent gossanous fault trending 093°/75°S (Figure 8). The fault zone, which is the main thrust fault separating the limestone and the volcanics, consists of highly fractured and limonitic andesite with minor, relatively unaltered limestone. Up to 20% pyrite occurs as disseminations within the shear zone.

Several quartz veins and siliceous pods up to 20 cm wide and 10 m in length contain massive sulphides consisting of up to 50% pyrite, 30% pyrrhotite, 20% galena, 5% chalcopyrite, less than 1% bornite-covellite and traces of sphalerite (?). Secondary minerals include limonite, goethite, pyrolusite, malachite, azurite and a lead oxide. Two types of veins are present within the zone:

- 1) Polymetallic veins containing pyrite, galena and minor chalcopyrite and sphalerite (?), lower in elevation and towards the east end of the fault.

- 2) Predominantly copper veins containing pyrrhotite, pyrite, chalcopyrite, bornite and covellite which occur higher in elevation and towards the west end of the fault.

Most of these mineralized veins occur on the north side of the fault. The mineralization terminates at a cross shear trending $030^{\circ}/82^{\circ}E$, at the west end of the zone which hosts the copper veins.

Geochemistry - Soils

Soils were collected from a 25 m by 100 m grid covering all of the Saddle Zone (Figure 9), from a 400 m by 400 m area over the Pickston Zone (Figure 8) and from three contour lines on the west half of the claim block (Figure 6). A total of 432 soils were collected from the B horizon where possible, stored in kraft paper bags, and sent to Technical Services Labs for assay. The soils were tested for gold by atomic absorption and a 35 element package by ICP spectrophotometry. Because of poor soil development on the Saddle Zone, most samples from that zone were collected from a sandy layer on top of bedrock.

Saddle Zone

Gold values on the Saddle Zone ranged from less than 5 ppb to 0.041 oz/ton (L13+00N / 2+25E). A soil anomaly, up to 200 m wide, extends for over 1400 m north-south across the entire Saddle Zone grid (Figure 9). The anomaly is open to the north and south (off the property) with the more anomalous samples (>100 ppb gold) increasing

towards the north. The anomaly coincides on the southern half of the grid with the zone of bleached volcanics which is in part related to the Jack Wilson shear.

A smaller anomaly over 150 m in length and 100 m in width is located adjacent to and west of the main anomaly at the north end of the grid. This north-south trending anomaly is open in both directions as sampling had to be discontinued due to coarse talus cover. Towards the south this anomaly may connect with the main anomaly between lines 7 and 8N.

Copper values range up to 741 ppm (L 8+00N/0+75E) and although results over 250 ppm copper are sporadic, they are generally coincident with the gold zone. An area of greater than 100 ppm copper up to 300 m wide extends the entire length of the grid.

Pickston Zone

Assays for the Pickston Zone returned a maximum of 90 ppb gold (L0+00/0+25E) and 1800 ppm copper (L1+00N/0+50E) (Figure 8). Three small gold anomalies (>50 ppb) were located, one in the centre of the grid, one in the south (open to the south) and one in the northwest corner (1 sample).

A single copper anomaly 350 m long and up to 150 m wide is centred at the baseline on L0+50N, trending approximately north-

south. This anomaly shows no correlation with gold and silver values or with geology.

Contour Lines

Three contour soil lines were sampled at 25 m spacing with every 50 m sample sent for assay. The alternate samples were stored to provide infill results over anomalous areas if required.

No significant gold results were returned from two of these lines which traverse the western part of the Pup 3 claim. One small anomalous section of 40 to 55 ppb gold is located at the south end of L10 over a length of 100 m (directly below the Malachite Zone) (Figure 7). Copper results are low on all three contour soil lines.

Property geochemistry - Rocks

A total of 199 rock samples were collected from the property, consisting of both grab and chip samples, and analyzed in the same manner as the soil samples.

Saddle Zone

Sampling on the Saddle Zone consisted of detailed chip sampling to expand on the work completed in 1989. One hundred fifty samples were collected of which 58 returned anomalous values in gold and/or copper (Figure 6). Maximum values from the rock sampling were 0.038 oz/ton gold, 40.0 ppm silver, 1.02% copper, 1.95% lead and 3.49% zinc. Samples from altered shear zones, quartz-carbonate veins and quartz

vein stockworks, towards the south of the zone, are generally anomalous in gold, silver and base metals (Table II).

Samples collected from the Jack Wilson Shear, over a 600 m strike length, returned values up to 480 ppb gold, 8610 ppm copper, 1.95% lead and 3.40% zinc. Sample #459585 (1989), which assayed 0.038 oz/ton across 1.5 m was resampled over 1.8 m. It assayed 50 ppb gold and 35 ppm copper (sample #39126).

Samples #447212 and #447213 are from erratic quartz-sulphide veins ranging from 0.10 to 1.0 m in width, hosted by dark green pyroxene porphyry flows adjacent to the Jack Wilson Shear. These quartz veins, which locally carry blebs of chalcopyrite, galena and sphalerite, are discontinuous, with strike lengths of several metres. They returned anomalous values in 1989 sampling of up to 810 ppb gold, 40.0 ppm silver, 1.91% zinc, 9140 ppm lead and 1400 ppm copper. Additional sampling of quartz veins in the same area (1990) returned lower assays. These samples (#37775, #39140-39142) assayed up to 35 ppb gold, 600 ppm copper, 13 ppb silver, 2700 ppm lead and 1100 ppm zinc. Two hundred metres south of the Pup property on the PL 6 claim, a quartz vein in foliated dark green volcanics assayed 209 g/t (6.09 oz/ton) silver with 5.92% lead (Kasper, 1989).

Sample #459580, which carried 1.92% copper and 280 ppm gold, is a float sample collected on the western side of the Saddle Zone. Its

source was not located. Significant results from the Saddle Zone are summarized in Table II below:

TABLE II - SADDLE ZONE SAMPLING RESULTS

1990 Program

Sample No.	Au(ppb)	Cu(ppm)	Lithology	Width
39102	180	860	Quartz vein stockwork, 10% py, 1% cpy	grab
39135	75	14000	Andesite with quartz stringers 1% cpy malachite stain	grab
39136	65	860	Sericite alt'd with quartz stringers 15% py	grab
39139	260	4300	Andesite with quartz-carb stockwork, 15% py, 1% cpy	grab
39138	230	2700	Quartz vein, 1% py, 1% cpy	0.2 m
37776	<5	1300	Quartz vein, 5% py, 1% cpy, 2% po	grab

A discontinuous series of chip samples over a 122 m length was collected across an outcrop area within part of the main soil anomaly (L8+00N from 0+50E to 1+77E). Sample numbers are #39165 through #39179 and #39181 to #39216, and also include two samples of fine material (PT-2 and PT-3) which consisted of bleached and altered subcrop overlying shears. The area sampled has good outcrop exposure and features pervasive bleaching and local malachite staining all within the area of the soil anomaly.

A number of weakly anomalous zones are evident. An average of 240 ppb gold and 495 ppm copper is recorded across 4.0 m from 0+50 E to 0+54 E. From 1+32.7 to 1+45 E (12.3 m) gold averages 205 ppb and copper averages 1070 ppm, excluding an unsampled 1.1 m interval. Malachite staining and 1% chalcopyrite were noted in the first 4 m of

this section. From 1+48.9 to 1+59.3 (10.4 m) gold averages 222 ppb and copper averages 887 ppm, excluding an unsampled 0.9 m interval. Values reach highs of 560 ppb gold and 2900 ppm copper along this line. The rocks comprise chloritic and bleached ash tuff containing 3% disseminated pyrite and up to 5% quartz stringers.

Malachite Zone

Fourteen rock chips and grabs were collected from the Malachite Zone during the 1990 field season, three of which were anomalous in gold and/or copper (Figure 7).

Sample #39108 (1.0 m chip) from a crystal tuff with quartz stringers, 5% disseminated pyrite, 2% chalcopyrite and minor malachite staining assayed 230 ppb gold and 3800 ppm copper. Grab samples #37777 and #37778, collected from a malachite-rich zone with minor disseminated chalcopyrite, assayed 5300 ppm copper and 1900 ppm copper respectively (low gold).

Pickston Zone

Grab samples #37780 to #37783, #37789 and #37800 from the polymetallic (pyrite-pyrrhotite-chalcopyrite-galena-sphalerite) veins and pods are anomalous in copper, with gold values ranging from 30 to 510 ppb (Figure 8).

Grab samples #37787 and #37788 from the copper bearing (pyrite-chalcopyrite-bornite-covellite) veins produced copper values of 2300 and 9400 ppm respectively, accompanied by low gold.

The strongly altered (limonitic and moderately siliceous) wall rock to the veins does not carry gold or copper values. Significant results are listed in Table III below:

TABLE III - PICKSTON ZONE SAMPLING RESULTS

<u>Sample No.</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Cu(ppm)</u>	<u>Pb(ppm)</u>	<u>Zn(ppm)</u>
37780	80	1	150	80	150
37781	150	17	5300	20000	73000
37782	40	7	1600	680	1200
37783	30	8	4100	280	350
37787	10	7	2300	40	48
37788	15	8	9400	29	110
37789	510	12	1800	150	180
37800	65	5	1200	26	56

Eleven other samples were collected from the altered (limonite) limestone adjacent to the Pickston Zone. Only one sample (#37751) returned anomalous values of 140 ppm gold and 78 ppm copper.

A sample of fine material from the talus was (PT-1) taken at 1635 m elevation on the eastern OP-2 claim and assayed 230 ppb gold and 43 ppm copper. The talus contained abundant crystalline calcite vein material but no obvious sulphide mineralization.

GEOPHYSICS

A VLF-EM survey over the Saddle Zone located a north-south trending conductor extending the entire length of the zone, with the

strongest response towards the south end (Figure 10). It is situated parallel to and is offset approximately 50 m to the east of the gold-copper soil anomaly. The southern portion of this conductor overlaps the south end of the "Galena Shear". The conductor is open to the south and north. An offset of the conductor at L9N coincides with a prominent northwest trending fault structure. Three secondary conductors of more limited strike length are evident, one of which parallels a narrow soil anomaly extending from 12 N to 14 N at approximately 5+00E.

There appears to be little correlation between the geology, geochemistry, and results of magnetometer survey. Several anomalies (over 57000 gammas) up to 350 m in length trend north-northeast and are up to 150 m wide (Figure 11). The magnetic response is relatively flat over most of the VLF-EM conductors and the geochemical anomaly. One magnetic anomaly extending from line 4+00N to 7+00N overlaps part of the conductor.


STATEMENT OF EXPENDITURES

Mobilization/Demobilization		\$ 7,303.29
Field Labour		
G. Cavey (consulting geologist)	4 days @ \$525/day	2,100.00
J. Chapman (")	3.50 days @ \$450/day	1,575.00
M. Vanwermeskerken (project geologist)	27 days @ \$360/day	9,720.00
S. Baillie (geologist)	9 days @ \$330/day	2,970.00
D. Pickston (prospector)	5 days @ \$330/day	1,650.00
D. Page (field assistant)	22 days @ \$270/day	5,940.00
H. Page (")	9 days @ \$270/day	2,430.00
B. Birarda (")	4 days @ \$250/day	<u>1,000.00</u>
Total Labour		\$27,385.00
Camp Costs		16,072.69
Transportation and Communication		3,753.15
Contracting Services - Geophysical Surveys		3,300.00
Analyses		11,855.88
Helicopter Costs		20,144.07
Report Costs (partial)		<u>4,514.07</u>
Total Expenditures		\$94,328.15

STATEMENT OF QUALIFICATIONS

I, Jim Chapman, of 580 West 17th Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a B.Sc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of #306-595 Howe Street, Vancouver, British Columbia, V6C 2T5.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
5. I am a Fellow of the Geological Association of Canada.
6. The information contained in this report on the Pup Project was obtained from a review of data listed in the bibliography knowledge of the area and a visit to the property on August 29, 1990.
7. I have no interest, direct or indirect in the Pup Project or in the securities of Consolidated Goldwest Resources Ltd.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.



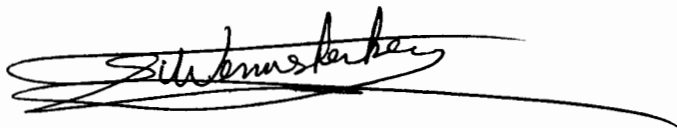
Jim Chapman
Consulting Geologist, F.G.A.C.

DATED at Vancouver, British Columbia the 10th day of January 10, 1991

STATEMENT OF QUALIFICATIONS

I, Marco Vanwermeskerken, of the City of Vancouver, British Columbia, hereby certify:

1. I am a Geologist, residing at 5148 - 11A Avenue, Delta, B.C. and with office at #306 - 595 Howe Street, Vancouver, B.C.
2. I am a graduate of the University of British Columbia (1987) and hold a B.Sc. degree in geology.
3. I have been employed in my profession by various exploration companies since graduation.
4. The information contained in this report on the Pup Project was obtained from a review of data listed in the bibliography and direct supervision and execution of the 1990 exploration program.
5. I have no interest, direct or indirect in the Pup Project or in the securities or claims of Consolidated Goldwest Resources Ltd. and will not acquire any interest in the claims, the company, or its affiliates.
6. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.

A handwritten signature in black ink, appearing to read 'Marco Vanwermeskerken', is written over a horizontal line. The signature is stylized and cursive.

Marco Vanwermeskerken, B.Sc.
Geologist

DATED at Vancouver, British Columbia, this 10th day of January, 1991

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APPENDIX A
ROCK SAMPLE DESCRIPTION SHEETS

Pup PROJECT 1990

①

MARCO VANWERMESKERKEN

Au Cu

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39101	Aug 11	SOUTH OF SAID	ANDESITE	QTZ-SER-PY ALTERATION ZONE LIMONITIC WEATHERING. FLTN. 029 / 60 W. (1-2 m. CHIP)	5% DISSEM. PY. < 0.5 mm	30 18
39102	Aug 12	BETWEEN GALENA + WILSON SHEARS	QUARTZ VEIN.	MINERALIZED. IRREGULAR VEINS < 3 cm. Vuggy + LEACHED LIMONITIC WEATHERING QTZ-SER. ALTERED ANDESITE WALLROCK IN PATCHY WEAK ARSILLIC ALTERATION (GRAB)	10% DISSEM. PY. 1% CHALCOPYRITE BLENDS ABUNDANT MALACHITE / AZURITE STAIN.	180 860
39103	Aug 12	WEST OF JACK WILSON SHEAR	ANDESITE	VERY FRACTURED ZONE. LIMONITIC ZONE TRENDS 070 / STEEP PREDOMINANT FRACTURE 124 / 46 NE (4 m. CHIP)	5-10% DISSEM. PY. PODS + LENSES UP TO 5 cm WIDE OF QUARTZ-PYRITE.	35 53
39104	Aug 13	WEST OP 1 CLAIM.	BRECCIA	BRECCIATED LIMESTONE + CHERT CLASTS UP TO 50 cm. (GRAB)	10% PY (PODS + DISSEM.) PARTLY OXIDIZED TO LIMONITE	15 52
39105		SE OP 2 CLAIM	LIMESTONE.	FRACTURED + BRECCIATED. VERY ABUNDANT HEMATITE + LIMONITE. BANDED RED BROWN AND BROWN GREY SPARITE. ABUNDANT CALCITE VEINING (30%) (GRAB)	2% DISSEM. PY.	10 79
39106	Aug 13	SE OP 2 CLAIM	CHERT.	FOLIATED 009 / 74 W. LIMONITIC (GRAB)	1% DISSEMINATED PYRITE	5 15
39107	Aug 15	MALACHITE ZONE	ANDESITE	CRYSTAL TUFF FRACTURED. (039 / 26 NW). QUARTZ-SERICITE- PYRITE ALTERATION. MINOR CALCAREOUS PRECIPITATE ON WEATHERED SURFACES. (50 cm CHIP)	5% DISSEM. + BLENDS OF PY. < 1% CHALCOPYRITE (BLENDS < 1 mm). MALACHITE / AZURITE STAIN.	40 490
39108	Aug 15	MALACHITE ZONE.	ANDESITE	CRYSTAL TUFF MINERALIZED QTZ VEINS ALONG 106 / 72 N FRACTURES QUARTZ STRINGS < 2 mm. CALCAREOUS PRECIPITATE. (1.0 m CHIP)	5% DISSEM. PYRITE. 2% CHALCOPYRITE. VERY ABUNDANT MALACHITE / AZURITE STAIN.	230 3800

Pup PROJECT 1940

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39109	Aug 15	MALACHITE ZONE	ANDESITE.	SMALL 079/62 N. POOLS < 5 cm. OF LEACHED QUARTZ. LIMONITIC WEATHERING (0.4 m CH)	1% DISSEM. PY. TRACE OF MALACHITE STAIN.	30 310
39110	Aug 15	MALACHITE ZONE	SHEAR.	ALONG FOOTWALL OF LAMPRO- PHYRE DYKE. 060/43 NW. CONTAINS QUARTZ-CARBONATE VEINS. (0.6 m. CHIP).		20 37
39111	Aug 15	MALACHITE ZONE.	ANDESITE	MIN MINERALIZED ASH AND CRYSTAL TUFF. QUARTZ VEINING LIMONITIC WEATHERING (SELECTED GRAB).	UP TO 40% BLEBS AND INTERSTITIAL PYRROPHOTITE. 3-5% DISSEM. PY.	5 84
39112	Aug 15	MALACHITE ZONE	ANDESITE.	QUARTZ-SERICITE ALTERED ASH TUFF. STRONG FRACTURE (104/61 S). DARK RED-BROWN LIMONITIC GOSSAN. (1m CHIP ACROSS FRACTURE).	40-50% BLEBS AND INTERSTITIAL PYRROPHOTITE. 10-15% INTSTL. PYRITE. 1% CHALCOPYRITE.	30 130
39113	Aug 17	10+00 N 1450 E	QUARTZ VEIN	STOCKWORK. MINERALIZED. WITHIN ANDESITE. MALACHITE IN FRACTS (GRAB)	< 1% PYRITE. < 1% CHALCOPYRITE (BLEBS) < 1% CHALCOCITE (?) MALACHITE	< 5 36
39114	Aug 17	8+00 N 2150 E	DACITE (?)	SILICEOUS BANDS. VERY FINE GRAINED TO APHANITIC. (GRAB)	10% PYRITE (DISSEMINATED STRUNGERS (< 1mm), BLEBS)	< 5 80
39115	Aug 17	8+00 N 2+00 E	VEIN.	QUARTZ-CALCITE-CHLORITE VEIN. (150/56 NW) 15 cm WIDE. 2 m. LONG. LIMONITIC. WEAK CHLORITE ALT'N IN ANDESITE WALLROCK (15 cm CHIP)	1% CHALCOPYRITE (BLEBS) 1% PYRITE (DISSEM). MALACHITE/AZURITE STAIN.	15 510

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39116	AUG 22	B.L. 6+75 N (SAADDLE ZONE)	DACITE (?)	QUARTZ-SERICITE ALTERED. VERY LIMONITIC. WK. CHLORITE ALT'N. BLEACHED WITH PATCHY EPIDOTE GRAB FROM SUBCROP	20% PYRITE (GLOBS < 1mm + DISSEM.)	30 110
39117	AUG 23	7+00 N 0+75 E	DACITE (?)	TEXTURE OBSCURED BY FOLIATION AND ALTERATION. WEAK LIMONITIC. DIRECTLY BELOW COPPER MINERALIZ. SUBCROP. SCATTERED GRAB.	10% PYRITE (DISSEM. + STRINGS < 5 mm).	45 130 78
39118	AUG 23	B.L. 6+00 N	ANDESITE	COARSE TALUS. BLEACHED + PITTED ABUNDANT (10%) VAGUE CRYSTALS QUARTZ BOULDERS WITH ABUNDANT CHLORITE AND MINOR CALCITE. GRAB	10% WHITE PYRITE (DISSEM + STRINGS)	10 77 78
39119	AUG 23	6+00 N 2+00 E	ANDESITE	ASH TUFF. TRENDS 157/78 NE. LIMONITIC. 2% QTZ VNS. < 10cm. 1-8 m CHIP.	5% DISSEM. PY. 5% INTERSTITIAL PYRRHOTITE.	20 450
39120	AUG 23	6+00 N 3+00 E	ANDESITE	SILICEOUS + CHLORITIC. BANDED. DARK LIMONITIC. PYRITE AND MATRIX ARE SHEARED. 5% QTZ. STRINGS < 2cm. 2.0m CHIP.	15% DISSEMINATED PYRITE.	20 66
39121	AUG 23	5+00 N 2+50 E	ANDESITE	ASH TUFF. PYRITIC. LIMONITIC (GRAB)	10% DISSEM. PY.	5 45
39122	AUG 23	5+00 N 2+50 E	FELDSPAR HORN- BLEND PORPHYRY	VERY SILICEOUS. SUBANGULAR FSP. PHENOCRYSTS < 1mm + EUBOULDER HBL. PHENOC < 1/2 mm IN AN APHANITIC PALE GREEN SILICEOUS MATRIX. WHITE PITTED WEATHERING GRAB		10 10
39123	AUG 24	5+00 N 3+00 E	FSP-Hbl ppy.	SHEARED. CHLORITIC WITH QUARTZ-CARBONATE-CHLORITE STUCK- WORK. (50% MOSTLY QUARTZ) LEACHED. (1-2 m CHIP)	1% PY.	10 25

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39124	Aug 24	4400 N 2+50 E	SCHIST.	QUARTZ-SERICITE SCHIST. LIMONITIC FLTN: 040/69 NW. (2.0 m. CHIP)	2% DISSEM. PY.	30 10
39125	Aug 24	5400 N 10+80 E	SCHIST.	QUARTZ-SER. SCHIST. (FSP. PY?) LIMONITIC BLEACHED. FLTN: 040/60W (1.2 m. CHIP)	3% DISSEM. PY.	20 35
39126	Aug 24	BL 5+50 N	SCHIST	QUARTZ-SER. SCHIST. (AUGITE PORPHYRY W. STRONG SHEARING) LIMONITIC. FLTN: 168/62 W. (1.8 m. CHIP)	3% DISSEM PY.	50 35
39127	Aug 24	BL 5+30 N	ANDESITE	STRONG BLEACHING + LIMONITIC. DARK BROWN GOSSAN. ABUNDANT PYROXENITE. GRAB	10% DISSEM. PY.	10 110
39128	Aug 24	5400 N 1+25 E	ANDESITE (?)	BANDED FINE GRAINED. SILICEOUS (QUARTZ-SERICITE HALO) ABOVE AUGITE PORPHYRY GRAB	10% DISSEM. PY.	20 43
39129	Aug 24	4450 N 0+75 E	ANDESITE.	HORNBLende PORPHYRY. 2% HBL. PHEDO < 1 mm VERY LIMONITIC GOSSAN NEAR ANDESITE DYKE. MINOR UP TO 40% PY. EPIDOTE. 2% QTZ. STRINGERS. (GRAB)	20-25% DISSEM PY.	65 45
39130	Aug 25	ABOVE MALACHITE ZONE	DACITE	FINE GRAINED. 30 cm. WIDE DYKE CROSS CUTTING ANDESITIC ROCKS. TRENDS 045/50 NW. LT. GREY-TAN WEATHERING. (LIMONITIC) 10% DK. GREY QTZ. STRINGERS < 1 cm (0.3 m. CHIP)	5-10% PYRRHOTITE (INTERSTITIAL AND BLENDS < 5 mm)	5 100
39131	Aug 25	ABOVE MALACHITE ZONE	DACITE	SAME DYKE AS 39130 (ON STRIKE) 0.5 m. WIDE. 30% QUARTZ- CARBONATE VEINS PERPENDICULAR TO DYKE. MANY SMALL RIGHT- LATERAL OFFSETS ON DYKE. (0.5 m CHIP)	2% DISSEM. PYRITE.	<5 110

Pup PROJECT 1990 (5) MARCO

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39132	Aug 25	S. OF MALACHITE ZONE rl. 1100 m.	ANDESITE	QUARTZ-PYRITE ALTERATION (SER. ALT'N ALSO). VERY LIMONITIC CARBONATE VEINS. (GRAB)	10-15% DISSEM. PY.	5 130
39133	Aug 26	LST-AND FAULT CONTACT	ANDESITE ANDESITE	VERY FRACTURED (FAULT). BRIGHT & ORANGE-BROWN GOSSAN ADJACENT TO UNALTERED LIMESTONE. (GRAB)	20% DISSEM. PY.	<5 380
39134	Aug 26	LST-AND FAULT CONTACT.	ANDESITE.	VERY FRACTURED, SHEARED AND LIMONITIC. VUGGY QUARTZ- SER. ALTERATION. BRECCIATED (GRAB)		<5 180
39135	Aug 29	N. END OF SADDLE ZONE	ANDESITE	QUARTZ STRINGERS (MINERALIZED) < 2 mm (GRAB)	1% CHALCOPYRITE AND MALACHITE IN VEINS.	75 14000
39136	Aug 31	B.L. 7+50 N	ANDESITE	QTZ-SER. ALT'N. ADJACENT TO FELSIC DYKE. 10% QUARTZ STRINGERS < 3 mm. (GRAB)	15-20% PYRITE (BLEBS AND DISSEMINATED)	65 860
39137	Aug 31	7+00 N 1+00 E	QUARTZ VEIN.	MINERALIZED, LEACHED. SUBCROP. (GRAB)	CHALCOPYRITE. MAL/AZ STAIN	230 2700
39138	Aug 31	7+00 N 1+00 E	QUARTZ-CHLORITE VEIN	VUGGY. 20 CM. WIDE. WITHIN LEACHED DACITE. TRENDS 000/90 (20 CM. CHIP).	1% PY (STRINGERS < 0.5 mm) 1% CHALCOPYRITE, TRACE OF MALACHITE STAIN.	40 290
39139	SEPT 1	5+00 N 1+00 E	ANDESITE.	MINERALIZED QUARTZ-CALCITE STRINGER STOCKWORK. LIMONITIC. BRIGHT ORANGE-BROWN GOSSAN. WEAK SILICEOUS CHLORITE-EPIDOTE ALTERATION ZONE. 10% STRINGERS < 1 CM. (LEACHED). LIMONITE- JAROSITE WEATHERING. (GRAB).	15-20% DISSEMINATED PYRITE AND PY. STRINGERS < 0.5 mm. 1% CHALCOPYRITE, MALACHITE, AZURITE IN STRINGERS.	260 4300
39140	SEPT 1	2+00 N 1+00 W	ANDESITE	FOLIATED (042/58 NW) LIMONITIC LEACHED ANDESITE (SERICITE SCHIST) ABUNDANT LIMONITE. (2.0 m. CHIP)	10% PYRITE BOXWORK.	35 120

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39141	SEPT 3	1100 N BL.	QUARTZ VEIN.	MINERALIZED. 40 CM. WIDE. LEACHED. LIMONITIC. TRENDS 155/76 SW. PART OF STOCKWORK WITHIN ANDESITIC ASH TUFF. (0.4 m. CHIP)	40-50% PYRRHOTITE. 2% CHALCOPYRITE. TRACE BORNITE / COUVELLITE.	5 600
39142	SEPT 3	0150 N 0150 W	SCHIST.	CHLORITE - SERICITE SCHIST. ALTERED ANDESITE TUFF (?). PARTLY LEACHED. LIMONITIC. (GRAB)	15% DISSEM. PYRITE.	20 130
39143	SEPT 4	LST-AND. CONTACT el 1138 m	ANDESITE (?)	VERY FRACTURED, LEACHED AND LIMONITIC. (GRAB)	BOXWORK OF 15% PY.	5 410
39144	SEPT 4	LST-AND. CONTACT el 1250 m.	ANDESITE.	VERY STRONGLY FOLIATED (012/46 W) ASH TUFF (FAULT) LIGHT GREY TO TAN CLASTS < 2 mm IN A DARK GREY MATRIX. CARBONATE + LIMONITE IN FRACTURES (1.5 m CHIP)		5 53
39145	SEPT 4	LST-AND. CONT.	SCHIST.	QUARTZ - SERICITE SCHIST. SAME AS 39144 BUT MORE FOLIATED. LIMONITIC. (2.0 m. CHIP)	20% DISSEMINATED PYRITE (BLEBS < 1 cm).	35 46
39146	SEPT 4	LST-AND. CONT.	LIMESTONE / ANDESITE.	CHIP ACROSS LIMESTONE ANDESITE CONTACT (000/90). VERY LEACHED AND LIMONITIC. ANDESITE IS VERY FRACTURED. LIMESTONE IS MASSIVE AND BANDED. 10% CALCITE VEINS < 2 cm. (1.0 m CHIP)	5% DISSEM. PY.	20 71
39147	SEPT 6	LST-AND. CONT. el 1155 m	CHEART (?)	VERY ALT'D (CHL. CARB.) LIMONITIC CHEART (?) MOTTLED MAROON + GREY. APHANITIC. (2.0 m CHIP)	5% PYRRHOTITE (BLEBS < 1 mm) AND 10% PYRITE (BLEBS + STRINGS < 2 mm)	< 5 130
39148	SEPT 6	LST-AND. CONT.	ANDESITE	CHL. SER. ALTERED. VERY FRACTURED LEACHED. ALIM. JAROSITE. (2.0 m CP)	5% FINE DISSEM. PY.	5 90

PUP PROJECT 1990 (7) MARCO

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39149	SEPT 6	AND-LST. CONTACT el 970 m	CHERT	VERY FRACTURED LIMONITIC WEATHERING (GRAB)	10% PY. (FRACTURE FILLING, DISSEMINATED, STRINGS)	< 5 66
39150	SEPT 8	RIDGE W OF SADDLE ZONE	ASH TUFF	LIMONITIC ZONE ON LINGAMENT TRENDS 021. CARBONATE VEINS UP TO 15 CM. TRENDS 088/46 N AND 031/90. SIDERITE IN FRCTRS SOME LEACHING (GRAB)	< 1% PY (FRACTURE FILLING)	< 5 240
39151	SEPT 8	"	"	SAME AS 39150. (GRAB) ABUNDANT CARB. + QZ. VEINS.	3% PYRITE. < 1% PYRRHOTITE	< 5 110
39152	SEPT 8	"	"	SAME AS 39150. (GRAB)	NO SULPHIDES	< 5 88
39153	SEPT 9	CONTOUR SOIL L 13 0+50 W	SILTSTONE SILTSTONE	CARBONATE LIMONITIC ALTERATION ZONE ON FAULT TRENDS 173/74 W QUARTZ AND QUARTZ CARBONATE VEIN STOCKWORK. SILTSTONES AT 166/30 W. (2.0 m. CHIP)		< 5 60
39154	SEPT 9	RIDGE WEST OF SADDLE ZONE el 1385 m	ANDESITE	FINE GRAINED, FAULTED (FAC- TURD). LIMONITIC. FAULT TRENDS 176/85 W. (1.0 m CHIP)		< 5 73
39155	SEPT 9	RIDGE WEST OF SADDLE ZONE el 1471 m	ASH TUFF	FRACTURED ZONE. MODERATE SILICIFICATION WITH QUARTZ AND QUARTZ CALCITE STRINGS UP TO 3 CM. PARTLY LEACHED LIMONITE AND LEAD OXIDE (?) IN FRACTURES AND ON WEATHERD SURFACES (1.0 m. CHIP)	3% PYRRHOTITE 3% PYRITE 1% CHALCOPYRITE 1% SALENITE LESS THAN 1% SPHALERITE. (WITHIN STRINGS) PYRRHOTITE BLEBS DIRECTLY AROUND THIS ZONE AS WELL.	10 78
39156	SEPT 9	el 1511 m ALONG STRIKE OF 39155	ASH TUFF	SILICIOUS ZONE ALONG FAULT (?) 10% QUARTZ VEINS UP TO 20 CM. WIDE. MINOR CHLORITE IN VEINS (2.0 m. CHIP)		< 5 62

Pup PROJECT 1990 (8) MARCO

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39157	SEPT 12	W. RIDGE	HORNBLende PORPHYRY	3 METRE WIDE DYKE TRENDS 148/78 SW. 40-50% HORNBLende; PHENOCRYSTS < 0.5 mm IN A FINE GRAINED FELDSPAR RICH MATRIX. MAGNETIC - 2-3 GENERATIONS OF INTRUSIONS WITH CHILLED MARGINS BRECCIATED ZONES. (3.0 m. CHIP)		< 5 42
39158	SEPT 12	W. RIDGE	SILTSTONE / ASH TUFF.	BRECCIATED W/TH CALCITE LIMONITE MATRIX. MOD. SILICIFICATION. APHANITIC BLUE-GRAY FAULT ZONE TRENDS 077° (STEEP). SLICKENSIDES 46 → 013° (1.2 m. CHIP)	1% PYRITE (BLEBS) IN QUARTZ STRINGS.	< 5 38
39159	SEPT 12	W. RIDGE	SILTSTONE / ASH TUFF.	SAME AS 39158. FELSENMORE QUARTZ STRINGS < 1/2 mm.	1% PY (BLEBS) AND TRACE OF GALENA IN QTZ. STRINGS.	< 5 66
39160	SEPT 12	W. RIDGE el 1530 m.	SILTSTONE	BRECCIATED WITH QUARTZ-CALCITE MATRIX SOME LIMONITE. ABDUCT. CHLORITE + EPIDOTE IN VEINS. GRAB FROM SUBCROP.	1% PY < 1% CPY. 1-2% DULL GRAY-BLACK METALLIC NONMAGNETIC MINERAL (ANHEORAL BLEBS < 2 mm)	< 5 81
39161	SEPT 14	W. RIDGE	ANDESITE (FLOW)	30% QUARTZ VEIN STOCKWORK 25 METRES WIDE (VEINS UP TO 1 m) (2.0 m. CHIP)		< 5 18
39162	SEPT 16	W. RIDGE	ARGILLITE	SHEARED (030/57 NW) AND LIMONITIC. (2.0 m. CHIP)		10 14
39163	SEPT 19	EAST OF SADDLE ZONE.	QUARTZ-CARB. VEIN.	30 cm. WIDE WITHIN CAPILLI TUFF. TRENDS 004/80 E. 15 m. STRIKE LENGTH. PART OF STOCKWORK. SOME AMORPHOUS QTZ. BANDS (0.3 m. CHIP)	1% PYRITE AND < 1% PYRRHOTITE (BLEBS)	5 15
39164	SEPT 19		ASH TUFF (?)	HANGING WALL OF FAULT (034/53 NW). QTZ-STR. ALT'D. LIMONITIC (2.0 m)		5 5

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PUP 1990 PROJECT L 8+00 N CHIP SAMPLES

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39165 (2.0 m)	SEPT 27	0+50 - 0+52	HORNBL - FLOSPR PORPHYRY	FOLIATED (012/64 W) EPIDOTE ANGULAR DARK GREY FLATTENED PHENOCRYSTS IN A FINE GRAINED LIGHT GREY MATRIX. WEAK SERICITE ALTERATION AND BLEACHING	3% DISSEMINATED PYRITE	Au Cu 340 140
39166 (2.0 m)	SEPT 27	0+52 - 0+54	HBL - FSP. PPY.	SAME AS 39165	3% DISS PY. AND MALACHITE STAIN.	140 850
39167 (2.0 m)	SEPT 27	0+54 - 0+56	HBL - FSP. PPY	SAME AS 39165	3% DISS. PY.	30 390
39168 (2.0 m)	SEPT 27	0+56 - 0+58	HBL - FSP. PPY	SAME AS 39165	3% DISS. PY.	15 88
39169 (2.0 m)	SEPT 27	0+58 - 0+60	HBL - FSP. PPY.	SAME AS 39165	3% DISS PY. MALACHITE STN	70 550
39170 (0.8 m)	SEPT 27	0+65.2 - 0+66.0	ANDESITE (?)	LIMONITIC, BLEACHED. FOLIATED (014/70 W)	7% LEACHED PYRITE	50 220
39171 (2.0 m)	SEPT 27	0+68.7 - 0+70.7	HBL - FSP. PPY.	QUARTZ + QTZ - CHLORITE VEINS UP TO 10 CM. WEAK BLEACHING + CHLORITIZATION	4% DISSEMINATED PYRITE	70 420
39172 (2.0 m)	SEPT 27	0+70.7 - 0+72.7	HBL - FSP. PPY	MODERATELY SAME AS 39171	4% DISSEM. PY.	70 400
39173 (2.0 m)	SEPT 27	0+72.7 - 0+74.7	HBL - FSP. PPY	SAME AS 39171	4% DISSEM. PY.	35 120
39174	SEPT 27	0+74.7 - 0+76.7	ASH TUFF	MODERATELY CHLORITIC - QUARTZ STRAINERS UP TO 3 CM.	3% DISSEM. PY.	130 300
39175	SEPT 27	0+78.7 - 0+78.7	ASH TUFF	SAME AS 39174	3% DISSEM. PY.	55 250
39176	SEPT 27	0+78.7 - 0+80.7	ASH TUFF	SAME AS 39174	3% DISSEM. PY.	50 170
39177	SEPT 27	0+80.7 - 0+82.7	ASH TUFF	SAME AS 39174	3% DISSEM. PY.	35 380

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PUP 1490 PROJECT L 2100 N CHIP SAMPLES

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39178 (2.0 m)	SEPT 27	0+82.7-0+84.7	ASH TUFF	SAME AS 39174	3% DISSEM. PY.	110 1100
39179 (2.0 m)	SEPT 27	0+84.7-0+86.7	ASH TUFF	SAME AS 39174	3% DISSEM PY. QTZ STRINGERS w. 10% PY, 1% CPY + MC.	170 2900
39180 (GRAB)	SEPT 27	0+86.7	ASH TUFF	SAME AS 39174	3% DISSEM. PY	40 510
39181 (2.0 m)	SEPT 27	0+86.5-0+88.5	ASH TUFF	MODERATE BLEACHING. LIMONITIC	3% DISSEM. PY.	130 720
39182 (2.0 m)	SEPT 27	0+88.5-0+90.5	ASH TUFF	SAME AS 39181	3% DISSEM PY.	210 2000
39183 (1.4 m)	SEPT 27	0+90.5-0+91.9	ASH TUFF	SAME AS 39181	3% DISSEM PY.	560 2700
39184 (2.0 m)	SEPT 27	0+93.0-0+95.0	ASH TUFF	SAME AS 39181	3% DISSEM PY.	160 1700
39185 (1.5 m)	SEPT 27	0+98.9-1+00.4	ASH TUFF	WITH MINOR CRYSTAL TUFF(?). WEAK CHLORITIC. DACITIC (SIL?) LEACHED (LIMONITIC)	2% - 3% DISSEM. PY.	270 360
39186 (2.0 m)	SEPT 27	1+01.3-1+03.3	ASH TUFF	SAME AS 39185	2-3% DISSEM. PY.	190 1100
39187 (1.8 m)	SEPT 27	1+03.3-1+05.1	ASH TUFF	SAME AS 39186	2-3% DISSEM. PY.	350 570
39188 (2.0 m)	SEPT 27	1+05.1-1+07.1	ASH TUFF	SERICITE ALTERED. WEAK SILICI- FICATION 5% QUARTZ STRINGERS	5% DISSEM. PY ^{OXIDIZED TO} → LIMONITE MALACHITE STAINING	160 1000
39189 (2.2 m)	SEPT 27	1+07.1-1+09.3	ASH TUFF	LESS THAN 5 mm. SAME AS 39188	SAME AS 39188	280 970
39190 (1.4 m)	SEPT 27	1+10.3-1+13.7	ASH TUFF	SAME AS 39188	SAME AS 39188	15 270
39191 (1.6 m)	SEPT 27	1+13.9-1+15.5	ASH TUFF	SAME AS 39188	SAME AS 39188	120 380

PUP 1940 PROJECT L 8+00 N CHIP SAMPLES

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Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
39142 (1.4 m)	SEPT 27	1+16.1 - 1+17.5	ASH TUFF	SAME AS 39188	SAME AS 39188	Au 40 Cu 180
39193 (2.0 m)	SEPT 27	1+17.5 - 1+19.5	ASH TUFF	SAME AS 39188	SAME AS 39188	75 360
39194 (2.0 m)	SEPT 27	1+20.3 - 1+22.3	ASH TUFF	SAME AS 39188	SAME AS 39188	20 300
39195 (1.8 m)	SEPT 27	1+25.2 - 1+27.0	ASH TUFF	WEAK CHLORITIZATION.	3% PYRITE AS STRINGERS UP TO 0.5 MM AND DISSEMINATIONS	30 250
39196 (2.0 m)	SEPT 27	1+27.0 - 1+29.0	ASH TUFF	WEAK CHLORT.	SAME AS 39195	40 350
39197 (1.6 m)	SEPT 27	1+29.0 - 1+30.6	ANDESITE (DYKE)	SUBCROP. VERY FINE GRAINED DARK GREY.		<5 110
39198 (2.0 m)	SEPT 27	1+30.6 - 1+32.6	ASH TUFF	SAME AS 39195	SAME AS 39195	35 230
39199 (2.0 m)	SEPT 27	1+34.1 - 1+36.1	ASH TUFF	CHLORITIC. ABUNDANT EPIDOTE. GRADES INTO FELDSPATHIC CRYSTAL TUFF TOWARDS 39202	2% DISSEM. PY.	30 250
39200 (2.0 m)	SEPT 27	1+36.1 - 1+38.1	ASH TUFF	SAME AS 39199	2% DISSEM PY.	20 220
39201 (1.9 m)	SEPT 27	1+38.1 - 1+40.0	ASH TUFF FELDSPATHIC CRYSTAL TUFF	SAME AS 39199	2% DISSEM PY.	140 390
39202 (1.6 m)	SEPT 27	1+38.2 - 1+39.8	FELDSPATHIC CRYSTAL TUFF	FOLIATED (038/84 SE). BLEACHED LIMONITIC.	2% DISSEM PY.	30 220
39203 (1.7 m)	SEPT 27	1+39.8 - 1+41.5	FELDSPATHIC CRYSTAL TUFF	SAME AS 39202.	2% DISSEM. PY.	25 250
39204 (2.2 m)	SEPT 27	1+38.0 - 1+40.2	FELDSPATHIC CRYSTAL TUFF (ESP. HBL. - PY?)	UGGLY QTZ. VEINS UP TO 10 CM HORNBLende (?) ALTERED TO CHLORITE. FLATTENED FELDSPAR PHENOCRYSTS LESS THAN 3 MM	5% PYRITE IN QTZ. ALTERED VEINS.	75 440

PVP 1990 PROJECT

SHARON BAILLIE

(13)

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
						Au Cu
SB-1 Chip/2.0m	Sept 1/90	5100E 5193N	Qtz vein swarm in Andesitic lapilli tuff	vein strike extension < 2m, sample across 4 milky qtz veins which cross cut foliation. Str blue gray oxidation	Tr sulphides <<1% specular hematite	<5 20
SB-2 Grab		5195N 5130E	Laminated Argillite/siltstone	oxidized fracture surfaces	≤ 1% disseminated and blebby py	<5 110
P-SB-R3 Chip/1.0m	Sept 3/90	7100N 7140E	Feldspar-Hbl phyric intrusive	oxidized orange rind up to 2cm thick, strong silicification. obliter- ation of original text. mod carb	<<1% fracture controlled + disseminated py	<5 7
P-SB-R4 Chip/2.0m				mod silicification weak carb - fracture centr. Relict igneous tex	Tr py, <<1% dissem py	<5 8
P-SB-R5 Chip/2.0m				thick oxidized rind wk carb, strong silicification	<1% dissem py	<5 8
P-SB-R6 Grab		7120N 6100E	Sheared Andesite flow	fine grained with moderately-str. developed schistosity	Tr po 1-2% fine py aligned along schistosity	<5 98
P-SB-R7 Chip/2.0m	Sept 6/90	3190N 3195E	contact zone of hbl porphyry and banded siltstone	thick orange brown weathered surface rind, sheared, deformed.	<1% finely disseminated py	<5 100
P-SB-R8 Chip 1.7m		3195, 415E	banded Argillite	spotty brown oxidation following bedding, zone 30cm wide	2% dissem py	<5 120
P-SB-R9 Grab		5140N 5120E	Feldspar Hornblende porphyry	epidote alteration	<1% dissem py	<5 23
P-SB-R10 Chip/2.0m		4185N 455E	Qtz vein swarm in feldspar porphyry	orange oxidation with thick rind. Blebby Blue gray oxidation patches in Qtz vein and host rocks. Chlorite veinlets	<<1% pyrite disseminated throughout Feld. porph. rare py in chl. vein. Qtz vein no mineralization.	<5 59

PJP 1990 PROJECT

SHARON BAILLIE

15

Au Cu

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
P-SB-R18 Chip/1.0m	Sept 8/90	12+92 N 2+00E	sericite shistiv Andesitic Ash tuff	limonite development, oxidized weathered surface silicified, local bleaching sericite, no carb	5% pyrite, along μ m scale limonite fractures and subperpendicular microfractures, dissem	15 57
P-SB-R19 Chip/0.35m		12+85 N 3+00E	Qtz vein	35cm wide, milky qtz, limonite visible strike length 12-15m, no carb chlorite veinlets, local sulphide min.	\leq 1% fracture controlled py \leq 1% blebby c'py, Tr hematite	15 80
P-SB-R20 Chip/0.70m		13+00 N 3+25E	Qtz vein	Same vein as above, 70cm wide with lenses of Ash tuff enveloped by vein. no carbonate, no chlorite.	\leq 1% py blebs, Tr other sulphides	\leq 5 33
P-SB-R21 Chip/2.0m		14+00 N 3+30E	Ash Tuff (andesitic)	sheared, pervasive + veinlet silicification, brown purple oxide staining, no carb, minor chlorite	med gr blebby py + dissem py 5%	15 110
P-SB-R22 Chip/2.0m		14+30 N 4+5E	Ash tuff (andesitic)	limonitic, strongly oxidized weathered surface, no carb minor blebby chlorite, locally chalky	\leq 1% finely dissem py	\leq 5 22
P-SB-R23 Chip/0.5m	Sept 12/90	DEFORMATION ZONE (Top Malachite Zone) ELEV: 1415m	Qtz veinlet seams in Andesitic Crystal tuff	irregular arauillite seams, qtz-carb veinlets moderate spotty limonite staining	1-2% po \leq 1% py disseminated	10 57
P-SB-R24 Chip/2.0m		DEFORMATION Z. ELEV: 1402m	Ash Tuff Andesitic	pervasively silicified, strongly carbonatized. weathered surfaces oxidized.	2% py flames smeared on microfracture surface, \leq 1% blebby py	\leq 5 45
P-SB-R25 Chip/1.0m		DEFORMATION Z. ELEV: 1394m	Qtz-carb vein seams in Ash tuff (andesitic)	chloritized, silicified ash tuff (Ac) minor chlorite stringers, limonitic	\leq 1% covellite? \leq 1% dis po in Ac \leq 1% py	25 78
P-SB-R26 Chip/1.0m		DEFORMATION Z. ELEV: 1319m	Arauillite	sheared, limonitic, minor qtz-carb veinlet stockwork	Trace visible sulfides	\leq 5 75
P-SB-R28 Chip/2.0m	SEPT 14/90	WEST Ridge ELEV: 1552m	Ash Tuff (andesitic)	limonitic, blocky, massive minor clay mineral develop.	2-3% dissem and microfractures py	\leq 5 86

PUP

PROJECT

1990

DEREK PAGE

(17)

Au Cu

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
P-90-R-1	SEPT 12	RIDGE WEST OF SADDLE ZN.	QUARTZ VEIN	20 CM. WIDE 20 METRES LONG.		270 3500.
P-90-R-2	SEPT 12	RIDGE WEST OF SADDLE ZONE	QUARTZ VEIN	30 CM WIDE 10 METRES LONG		45 1200.
P-90-R-3	SEPT 12	RIDGE WEST OF SADDLE ZONE	QUARTZ VEIN	20 CM WIDE 10M LONG, STRIKES 154/46 NS. VUGGY AND CRYSTALLINE. CHLORITIC FRAGMENTS	LESS THAN 1% CHALCOPYRITE MINOR MALACHITE	5 240
P-90-R-4	SEPT 12	RIDGE WEST OF SADDLE ZONE	ANDESITE TUFF	LIMONITIC. FROM FAULT ZONE GRAB.	1% FINE DISSEMINATED PY.	25 51
P-90-R-5	SEPT 12	RIDGE WEST OF SADDLE ZONE	BRECCIATED ANDESITE	LIMONITIC. FROM FAULT ZONE GRAB.		<5 170
P-90-R-6	SEPT 12	RIDGE WEST OF SADDLE ZONE	QUARTZ-CALCITE VEINS.	GRAB FROM STOCKWORK WITH VEINS UP TO 15 CM. WIDE TRENDING 086/37 N.		<5 110
P-90-R-7	SEPT 16	RIDGE WEST OF SADDLE ZONE				10 71
P-90-R-8	SEPT 16	RIDGE WEST OF SADDLE ZONE				15 71
P-90-R-9	SEPT 16	RIDGE WEST OF SADDLE ZONE				25 50
P-90-R-10	SEPT 16	RIDGE WEST OF SADDLE ZONE				5 50
P-90-R-11	SEPT 16	RIDGE WEST OF SADDLE ZONE				5 150
P-90-R-12	SEPT 19	NE OF SADDLE ZONE	QUARTZ VEIN	15 CM. WIDE. TRENDS 016/47W WITHIN ARGILLITE/SILTSTONE	1% PYRITE 1% CHALCOPYRITE	150 64
P-90-R-13	SEPT 19	NE OF SADDLE ZONE	ASH TUFF	VERY FRACTURED (FAULT ZONE). 2.0 m CHIP THROUGH ^{FOOT} WALL (034/53 NW). QTZ-SER. ALTERED. LIMONITIC.		10 540

Pup PROJECT 1990 DAUG PICKSTON

(18)

Au Cu

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
37751	AUG 13	LIMESTONE AREA el 1465 m	LIMESTONE	PYRITIC. FINE GRAINED WITH MASSIVE PYRITE. GRAB.	50% PYRITE (MASSIVE)	140 78
37752	AUG 13	LST. AREA.	ANDESITE / LST.	CONTACT ZONE (?) GRAB.	7% PYRITE 2% CHALCOPYRITE.	5 920
37753	AUG 13	OP 2 CLAIMS	ANDESITE	SHEARED & SILICEOUS. GRAB	15% PYRITE.	10 430
37754	AUG 13	OP 2 CLAIMS	ANDESITE	ADJACENT TO 37753. FAULT ZONE (SHEARED): GRAB	MINOR MALACHITE.	15 770
37771	AUG 23	SEED W. RIDGE	ANDESITE	POSSIBLY BASALT. LIMONITIC GRAB	3% PYRITE (STRINGS)	25 310
37772	AUG 23	S. END W. RIDGE	ANDESITE	AS 37771 GRAB	3% PYRITE (STRINGS)	5 32
37773	AUG 23	SADDLE ZONE S. END W. RIDGE	ANDESITE	AS 37771 W. QTZ. STRINGS.	5% PYRITE (STRINGS)	5 140
37774	AUG 23	SADDLE ZONE	ANDESITE	LIMONITIC GRAB		15 68
37775	AUG 23	SADDLE ZONE	MINERALIZED QUARTZ VEIN.	INCLUDES ANDESITE WALL ROCK (FLOW). QUARTZ VEIN VUGGY	5% PYRITE < 1% GALENA	25 75
37776	AUG 23	SADDLE ZONE	MINERALIZED QUARTZ VEIN.	WITHIN ANDESITIC CRYSTAL TUFF. GRAB	30% PYRROPHITE 1% CHALCO-PYRITE.	25 1300
37777	AUG 24	MALACHITE ZONE	ANDESITE	ABUNDANT MALACHITE STAIN. GRAB		20 5300
37778	AUG 24	MALACHITE ZONE	ANDESITE	AS 37777 WITH LESS MALACHITE GRAB.	2% PYRITE. < 1% CHALCOPYRITE	20 1900
37779	AUG 25	LIMESTONE ANDESITE CONTACT ZONE.	QUARTZ VEIN WITH WALL ROCK.	PYRITIC ANDESITE WALL ROCK & GRAB LIMONITIC	8% PYRITE (BANDED)	10 540
37780	AUG 25	PICKSTON ZONE	QUARTZ VEIN	SAME VEIN AS 37779 GRAB WITH NO WALL ROCK. LIMONITIC	15% PYRITE (BANDED)	80 150
37781	AUG 25	PICKSTON ZONE	LIMESTONE ANDESITE CONTACT	INCLUDES QUARTZ-SULPHIDE VEIN LIMONITIC FORMING A FERRICITE GRAB.	30% PYRITE 20% GALENA.	150 5300
37782	AUG 25	PICKSTON ZONE	ANDESITE	VERY FRACTURED AND LIMONITIC GRAB.	10% DISSEM. PYRITE. MALACHITE AZURITE STAIN.	40 1600
37783	AUG 25	PICKSTON ZONE	SILICEOUS LIMESTONE	SMALL MINERALIZED SILICEOUS POP. GRAB.	30% PYRITE (MASSIVE) 2% GALENA.	30 4100

APPENDIX B
ASSAY REPORTS



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S1290

SAMPLE(S) OF Silt\Talus

INVOICE #: 15909
P.O.: R2694

Marco V.
Project PUP

REMARKS: Orequest Consultants

Au
ppb

PT 2 60
PT 3 40

COPIES TO: J. Foster, P. Lougheed
INVOICE TO: Prime-Vancouver

Oct 15/90

SIGNED

Page 1 of 1



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN
TELEPHONE #: 306) 931 - 1033
FAX #: (306) 242 - 4717

S7K 6A4

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1290 - 1
T.S.L. File No. : M - 8292
T.S.L. Invoice No. : 16072

PROJECT: PUP

OREQUEST CONSULTANTS

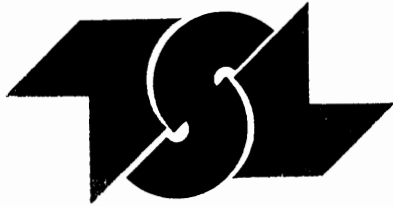
ALL RESULTS PPM

ELEMENT	PT 2	PT 3
Aluminum [Al]	18000	15000
Iron [Fe]	38000	29000
Calcium [Ca]	2000	1600
Magnesium [Mg]	3900	3300
Sodium [Na]	970	790
Potassium [K]	1300	1000
Titanium [Ti]	1000	780
Manganese [Mn]	480	360
Phosphorus [P]	1000	910
Barium [Ba]	97	45
Chromium [Cr]	23	19
Zirconium [Zr]	4	2
Copper [Cu]	2400	290
Nickel [Ni]	23	12
Lead [Pb]	43	26
Zinc [Zn]	83	64
Vanadium [V]	44	42
Strontium [Sr]	22	16
Cobalt [Co]	8	4
Molybdenum [Mo]	2	< 2
Silver [Ag]	< 1	< 1
Cadmium [Cd]	< 1	< 1
Beryllium [Be]	1	< 1
Boron [B]	< 10	20
Antimony [Sb]	< 5	< 5
Yttrium [Y]	20	13
Scandium [Sc]	2	2
Tungsten [W]	< 10	< 10
Niobium [Nb]	20	10
Thorium [Th]	30	40
Arsenic [As]	20	10
Bismuth [Bi]	5	< 5
Tin [Sn]	< 10	< 10
Lithium [Li]	< 5	< 5
Holmium [Ho]	< 10	< 10

DATE : OCT-29-1990

SIGNED :

Bernie Dunn



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St
Vancouver, B.C.
V6C 2X6

✓
REPORT No.
S9822

SAMPLE(S) OF Rock

INVOICE #: 15205
P.O.: R-2441

Marco V.
Project PUP

REMARKS: OreQuest Consultants

	Au ppb
P-T-1	230
39101	30
39102	180
39103	35
39104	15
39105	10
39106	5
39107	40
39108	230
39109	30
39110	20
39111	5
39112	30
39113	<5
39114	<5
39115	15
39116	30
37751	140
37752	5
37753	10

COPIES TO: P. Lougheed, J. Foster
INVOICE TO: Prime - Vancouver

Sep 06/90

SIGNED





TSL LABORATORIES

DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St
Vancouver, B.C.
V6C 2X6

REPORT No.
S9822

SAMPLE(S) OF Rock

INVOICE #: 15205
P.O.: R-2441

Marco V.
Project PUP

REMARKS: OreQuest Consultants

	Au ppb
37754	15
JC-1	5
JC-2	80
JC-3	40
JC-4	<5

COPIES TO: P. Lougheed, J. Foster
INVOICE TO: Prime - Vancouver

Sep 06/90

SIGNED Bernie Dunn



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9822 - 1
 T.S.L. File No. : E:M7888
 T.S.L. Invoice No. : 15367

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2441

ALL RESULTS PPM

ELEMENT	P-T-1	39101	39102	39103	39104	39105	39106	39107	39108	39109
Aluminum [Al]	6500	2300	4700	15000	2200	970	2000	5000	6900	13000
Iron [Fe]	26000	19000	25000	30000	26000	5700	18000	17000	23000	26000
Calcium [Ca]	98000	5100	12000	10000	4600	100000	3900	5100	5200	14000
Magnesium [Mg]	920	490	2400	6100	700	550	950	2500	3300	5500
Sodium [Na]	50	230	200	190	20	< 10	20	260	210	150
Potassium [K]	850	1500	1400	730	530	270	470	940	1100	860
Titanium [Ti]	110	370	860	1000	47	6	25	950	500	580
Manganese [Mn]	770	240	470	640	180	280	44	110	150	320
Phosphorus [P]	440	480	650	1400	310	150	140	710	520	770
Barium [Ba]	150	110	42	18	87	20	110	30	38	39
Chromium [Cr]	17	22	32	15	67	14	43	28	34	40
Zirconium [Zr]	12	3	6	6	6	2	2	8	8	5
Copper [Cu]	43	18	860	53	52	79	15	490	3800	310
Nickel [Ni]	16	1	1	2	24	5	19	7	11	18
Lead [Pb]	50	22	41	3	5	34	7	6	2	2
Zinc [Zn]	130	13	50	25	22	56	18	10	28	22
Vanadium [V]	42	8	17	41	31	18	5	28	26	28
Strontium [Sr]	31	33	54	28	11	42	3	35	33	36
Cobalt [Co]	9	3	7	8	10	7	4	5	9	7
Molybdenum [Mo]	< 2	2	< 2	< 2	< 2	< 2	< 2	2	66	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	2	< 1	< 1	< 1	< 1	11	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	5	< 5	< 5	< 5	< 5	< 5	5
Yttrium [Y]	26	4	4	4	6	20	1	4	4	3
Scandium [Sc]	5	< 1	< 1	< 1	5	2	< 1	< 1	< 1	1
Tungsten [W]	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	40	30	< 10	< 10	< 10	< 10	20	20
Arsenic [As]	35	< 5	10	< 5	10	10	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	20	< 10	< 10	< 10	< 10

DATE : SEP-10-1990

SIGNED :

Dennis Piljnick

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

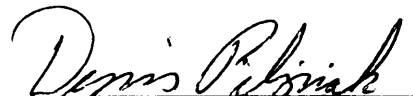
T.S.L. REPORT No. : S - 9822 - 2
 T.S.L. File No. : E:M7888
 T.S.L. Invoice No. : 15367

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2441

ALL RESULTS PPM

ELEMENT	39110	39111	39112	39113	39114	39115	39116	37751	37752	37753
Aluminum [Al]	17000	9900	13000	4000	6900	10000	4000	1100	6200	6800
Iron [Fe]	27000	31000	43000	8900	18000	21000	25000	130000	64000	86000
Calcium [Ca]	82000	16000	9200	1100	3500	3200	3000	2700	15000	5000
Magnesium [Mg]	6400	4300	5200	2400	3500	5100	1800	240	3800	4500
Sodium [Na]	50	140	100	50	190	160	120	20	160	60
Potassium [K]	440	640	1400	100	710	470	2200	780	860	7400
Titanium [Ti]	110	890	840	56	490	500	1700	80	970	980
Manganese [Mn]	830	440	470	150	230	450	84	19	130	55
Phosphorus [P]	400	780	800	28	830	510	800	62	830	1400
Barium [Ba]	30	63	69	6	26	15	43	5	13	18
Chromium [Cr]	89	62	56	100	25	67	15	46	44	150
Zirconium [Zr]	7	7	8	2	4	4	7	20	13	19
Copper [Cu]	37	84	130	36	80	510	110	78	920	430
Nickel [Ni]	23	15	24	4	4	12	7	100	31	63
Lead [Pb]	< 1	2	7	3	3	3	4	30	5	24
Zinc [Zn]	27	20	290	19	11	20	7	16	5	36
Vanadium [V]	84	35	37	17	11	38	29	< 1	74	65
Strontium [Sr]	180	38	19	18	28	22	34	4	25	21
Cobalt [Co]	11	12	17	1	3	9	7	77	8	37
Molybdenum [Mo]	< 2	< 2	50	< 2	2	< 2	< 2	6	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	5	< 1	5
Cadmium [Cd]	< 1	< 1	5	< 1	< 1	< 1	< 1	2	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5
Yttrium [Y]	5	3	4	< 1	4	3	3	2	9	9
Scandium [Sc]	9	2	1	< 1	< 1	< 1	1	< 1	3	6
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	10	20	30	< 10	50	20	< 10	40	30	10
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	140	< 5	75
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	10	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	15	< 5	< 5	< 5	< 5	< 5	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-10-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN

S7K 6A4

TELEPHONE #: (306) 931 - 1033

FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10th Floor Box 10

808 West Hastings St.

Vancouver B.C. V6C 2X6

ATTN: J. FOSTER

PROJECT: PUP

OREQUEST CONSULTANTS R-2441

T.S.L. REPORT No. : S - 9822 - 3

T.S.L. File No. : E:M7888

T.S.L. Invoice No. : 15367

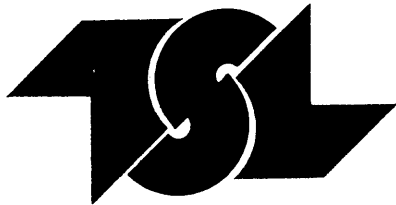
ALL RESULTS PPM

ELEMENT	37754	JC-1	JC-2	JC-3	JC-4
Aluminum [Al]	7900	9300	1700	3800	11000
Iron [Fe]	55000	21000	24000	28000	28000
Calcium [Ca]	34000	7800	33000	5900	3600
Magnesium [Mg]	4500	4000	450	1100	5100
Sodium [Na]	70	360	130	220	270
Potassium [K]	3400	1700	1100	2200	1300
Titanium [Ti]	910	1700	590	1400	1400
Manganese [Mn]	340	310	930	85	77
Phosphorus [P]	1400	1000	760	1400	1000
Barium [Ba]	41	39	54	45	68
Chromium [Cr]	70	57	19	42	28
Zirconium [Zr]	13	5	5	10	5
Copper [Cu]	770	120	470	160	33
Nickel [Ni]	70	12	3	3	4
Lead [Pb]	44	6	21	10	9
Zinc [Zn]	100	19	33	9	11
Vanadium [V]	60	38	7	40	53
Strontium [Sr]	150	72	150	51	24
Cobalt [Co]	40	16	7	7	19
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	10	< 5	< 5	< 5	5
Yttrium [Y]	10	4	6	5	5
Scandium [Sc]	4	2	< 1	1	4
Tungsten [W]	30	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	10	< 10	< 10	< 10	40
Arsenic [As]	45	< 5	10	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : SEP-10-1990

SIGNED :

Dennis Pilonik



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

✓
REPORT No.
S1002

SAMPLE(S) OF Rock

INVOICE #: 15516
P.O.: R2538

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

	Au ppb
39136	65
39137	230
39138	40
39139	260
39140	35
39141	5
39142	20
39143	5
39144	5
39145	35
39146	20
39147	<5
SB 1	<5
SB 2	<5
P-SB-R-3	<5
P-SB-R-4	<5
P-SB-R-5	<5
P-SB-R-6	<5
P-SB-R-7	<5
P-SB-R-8	<5

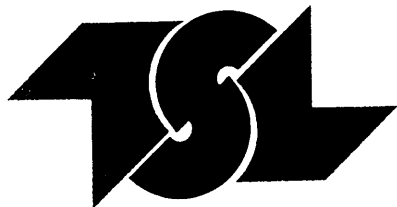
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INVOICE TO: Prime - Vancouver

Sep 17/90

SIGNED

Page 1 of 2





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S1002

INVOICE #: 15516
P.O.: R2538

SAMPLE(S) OF Rock

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

	Au ppb
P-SB-R-9	<5
P-SB-R-10	<5
P-SB-R-11	<5
P-SB-R-12	<5
P-SB-R-13	15
P-SB-R-14	10
P-SB-R-15	10
P-SB-R-16	<5
P-SB-R-17	20
39148	5
39149	<5

COPIES TO: J. Foster, P. Lougheed
INVOICE TO: Prime - Vancouver

Sep 17/90

SIGNED *Dennis Piljich*



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1002 - 1
 T.S.L. File No. : M 8083
 T.S.L. Invoice No. : 15721

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2538 ALL RESULTS PPM

ELEMENT	39136	39137	39138	39139	39140	39141	39142	39143
Aluminum [Al]	4900	2000	4500	7100	3900	1100	9300	5000
Iron [Fe]	34000	41000	12000	26000	40000	190000	44000	71000
Calcium [Ca]	31000	36000	29000	23000	1300	900	11000	19000
Magnesium [Mg]	2500	400	3500	5500	2100	380	6800	2700
Sodium [Na]	190	150	110	150	220	30	160	190
Potassium [K]	2500	1400	560	3700	2300	120	2600	1800
Titanium [Ti]	430	520	170	1300	960	57	2100	940
Manganese [Mn]	520	1100	840	540	81	480	510	220
Phosphorus [P]	920	1200	310	760	1100	180	1000	2800
Barium [Ba]	37	31	53	19	120	14	34	21
Chromium [Cr]	11	13	48	70	14	60	31	50
Zirconium [Zr]	5	4	< 1	8	6	35	8	12
Copper [Cu]	860	2700	290	4300	120	600	130	410
Nickel [Ni]	4	2	< 1	30	2	7	12	79
Lead [Pb]	10	59	3	3	10	39	7	6
Zinc [Zn]	64	93	42	39	11	320	65	20
Vanadium [V]	14	9	13	45	28	1	64	69
Strontium [Sr]	100	98	160	150	32	10	32	49
Cobalt [Co]	12	8	2	17	< 1	69	13	14
Molybdenum [Mo]	< 2	< 2	< 2	< 2	6	< 2	< 2	< 2
Silver [Ag]	1	4	< 1	1	< 1	2	< 1	< 1
Cadmium [Cd]	< 1	1	< 1	2	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	5	< 5	< 5
Yttrium [Y]	5	7	3	4	2	5	4	17
Scandium [Sc]	< 1	< 1	< 1	2	2	< 1	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	130	< 10	270	160	120
Arsenic [As]	15	10	< 5	< 5	10	55	10	10
Bismuth [Bi]	25	25	30	30	< 5	< 5	20	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-30-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10th Floor Box 10

808 West Hastings St.

Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1002 - 2

T.S.L. File No. : SE25MA

T.S.L. Invoice No. : 15721

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-253B

ALL RESULTS PPM

ELEMENT	39144	39145	39146	39147	SB 1	SB 2	P-SB-R-3	P-SB-R-4
Aluminum [Al]	8900	9700	2400	14000	12000	20000	9700	8600
Iron [Fe]	70000	92000	56000	90000	29000	49000	34000	25000
Calcium [Ca]	3900	13000	50000	3200	4000	5900	13000	11000
Magnesium [Mg]	5800	5700	690	9100	4800	8300	4600	4000
Sodium [Na]	130	120	40	310	250	220	220	360
Potassium [K]	880	2400	2600	3100	1100	320	1200	1400
Titanium [Ti]	5300	270	41	2200	340	1800	61	190
Manganese [Mn]	74	80	200	160	780	680	870	740
Phosphorus [P]	2200	4600	680	760	970	1000	770	690
Barium [Ba]	150	11	56	25	36	17	98	130
Chromium [Cr]	78	41	10	23	42	58	32	42
Zirconium [Zr]	10	26	8	18	4	8	6	6
Copper [Cu]	53	46	71	130	20	110	7	8
Nickel [Ni]	32	66	48	37	2	38	5	2
Lead [Pb]	10	20	21	4	9	6	4	9
Zinc [Zn]	17	31	190	16	58	83	65	61
Vanadium [V]	39	32	9	120	53	57	40	30
Strontium [Sr]	20	60	130	17	31	27	23	33
Cobalt [Co]	6	19	26	16	6	18	8	6
Molybdenum [Mo]	< 2	22	< 2	< 2	2	< 2	< 2	< 2
Silver [Ag]	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	19	8	9	7	6	9	8
Scandium [Sc]	2	2	2	11	1	3	4	2
Tungsten [W]	< 10	< 10	< 10	< 10	20	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	80	180	< 10	310	130	130	210	< 10
Arsenic [As]	20	55	35	10	< 5	5	5	25
Bismuth [Bi]	5	5	25	10	20	20	20	20
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	10	< 10	< 10	< 10	< 10

DATE : SEP-30-1990

SIGNED : Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1002 - 3
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15721

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2538

ALL RESULTS PPM

ELEMENT	P-SB-R-5	P-SB-R-6	P-SB-R-7	P-SB-R-8	P-SB-R-9	P-SB-R-10	P-SB-R-11	P-SB-R-12
Aluminum [Al]	5900	30000	17000	18000	11000	11000	9200	8100
Iron [Fe]	22000	55000	52000	39000	20000	32000	23000	19000
Calcium [Ca]	16000	8200	31000	10000	7900	37000	16000	19000
Magnesium [Mg]	2600	10000	8000	7600	5700	4100	4500	2900
Sodium [Na]	430	240	220	250	330	210	230	280
Potassium [K]	2400	710	1100	210	1700	1500	1900	3000
Titanium [Ti]	27	1500	91	1600	790	62	530	180
Manganese [Mn]	720	970	1400	580	530	1400	510	410
Phosphorus [P]	700	1300	1000	940	920	1200	820	860
Barium [Ba]	140	34	590	43	120	140	52	67
Chromium [Cr]	46	54	32	64	32	9	14	13
Zirconium [Zr]	4	7	9	8	4	3	4	2
Copper [Cu]	8	98	100	120	23	59	6	9
Nickel [Ni]	2	25	21	37	9	< 1	1	2
Lead [Pb]	7	6	21	5	2	5	13	2
Zinc [Zn]	51	120	470	87	61	74	35	24
Vanadium [V]	17	85	75	78	46	46	23	13
Strontium [Sr]	39	18	62	53	42	260	130	160
Cobalt [Co]	5	18	18	17	8	8	6	5
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	7	4	12	6	5	11	5	8
Scandium [Sc]	2	2	7	4	2	2	1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	20	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	240	190	160	200	10	< 10	< 10
Arsenic [As]	85	15	15	5	25	< 5	5	< 5
Bismuth [Bi]	25	30	30	25	25	35	30	30
Tin [Sn]	< 10	< 10	10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-30-1990

SIGNED : Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 97K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1002 - 4
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15721

ATTN: J. FOSTER PROJECT: PUP OREGQUEST CONSULTANTS R-2538

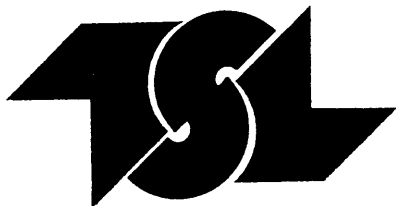
ALL RESULTS PPM

ELEMENT	P-SB-R-13	P-SB-R-14	P-SB-R-15	P-SB-R-16	P-SB-R-17	39148	39149
Aluminum [Al]	9900	11000	11000	1100	7100	11000	2700
Iron [Fe]	38000	37000	36000	4900	33000	41000	28000
Calcium [Ca]	8100	7300	6300	540	3600	4000	3100
Magnesium [Mg]	4800	6000	6700	680	3700	6200	2300
Sodium [Na]	310	280	300	70	240	160	30
Potassium [K]	1600	1300	870	150	1400	1600	220
Titanium [Ti]	1100	1400	1400	83	800	2200	31
Manganese [Mn]	390	600	450	50	330	130	55
Phosphorus [P]	1000	1100	1200	62	1300	680	1100
Barium [Ba]	39	48	30	4	41	120	31
Chromium [Cr]	22	17	45	120	37	28	66
Zirconium [Zr]	8	5	8	< 1	9	11	3
Copper [Cu]	280	96	130	9	130	90	66
Nickel [Ni]	4	5	16	3	< 1	6	8
Lead [Pb]	4	5	2	1	21	6	5
Zinc [Zn]	29	47	24	6	23	10	5
Vanadium [V]	44	44	47	8	34	67	8
Strontium [Sr]	44	50	42	6	19	16	5
Cobalt [Co]	11	17	16	< 1	5	4	9
Molybdenum [Mo]	14	< 2	< 2	< 2	24	< 2	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	5	5	< 1	5	6	6
Scandium [Sc]	1	2	2	< 1	1	7	1
Tungsten [W]	< 10	10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	400	320	80	< 10	50	110	< 10
Arsenic [As]	10	15	10	< 5	< 5	< 5	< 5
Bismuth [Bi]	20	25	25	20	20	25	15
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-30-1990

SIGNED :

Bernie Dunn



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver. B.C.
V6C 2X6

✓✓
REPORT No.
S1005

SAMPLE(S) OF Rock

INVOICE #: 15519
P.O.: R-2540

Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

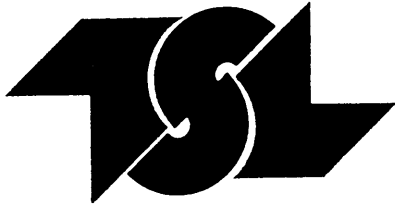
	Au ppb
37771	<5
37772	5
37773	5
37774	15
37775	<5
37776	<5
37777	20
37778	20
37779	10
37780	80
37781	150
37782	40
37783	30
37784	40
37785	<5
37786	<5
37787	10
37788	15
37789	510
37790	<5

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INVOICE TO: Prime - Vancouver

Sep 18/90

SIGNED *Dennis Pilgruk*





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver. B.C.
V6C 2X6

REPORT No.
S1005

SAMPLE(S) OF Rock

INVOICE #: 15519
P.O.: R-2540

Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

	Au ppb
37791	<5
37792	<5
37793	<5
37794	<5
37800	65
39117	45
39118	10
39119	20
39120	20
39121	5
39122	10
39123	10
39124	30
39125	20
39126	50
39127	10
39128	20
39129	65
39130	5
39131	<5

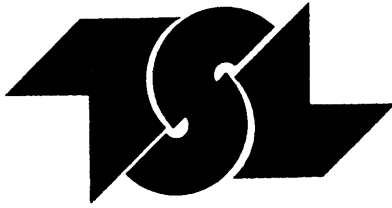
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Sep 18/90

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TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver. B.C.
V6C 2X6

REPORT No.
S1005

SAMPLE(S) OF Rock

INVOICE #: 15519
P.O.: R-2540

Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

	Au ppb
39132	5
39133	<5
39134	<5

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INVOICE TO: Prime - Vancouver

Sep 18/90

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Page 3 of 3



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1005 - 1
 T.S.L. File No. : M - 8080
 T.S.L. Invoice No. : 15663

PROJECT: PUP OREQUEST CONSULTANTS R-2540

ALL RESULTS PPM

ELEMENT	37771	37772	37773	37774	37775
Aluminum [Al]	25000	11000	17000	6800	2600
Iron [Fe]	47000	26000	44000	45000	15000
Calcium [Ca]	5600	72000	4800	19000	760
Magnesium [Mg]	9000	5200	7200	4700	1300
Sodium [Na]	170	110	130	300	80
Potassium [K]	1500	1600	1700	640	230
Titanium [Ti]	1800	420	1200	850	64
Manganese [Mn]	750	2200	750	690	190
Phosphorus [P]	1500	1100	1100	1000	68
Barium [Ba]	55	42	47	24	9
Chromium [Cr]	16	23	33	23	110
Zirconium [Zr]	8	5	9	8	< 1
Copper [Cu]	310	32	140	68	75
Nickel [Ni]	29	15	15	6	2
Lead [Pb]	21	20	2	16	2700
Zinc [Zn]	55	81	58	22	1100
Vanadium [V]	60	27	47	32	9
Strontium [Sr]	15	250	16	50	12
Cobalt [Co]	25	8	16	11	5
Molybdenum [Mo]	< 2	4	32	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	13
Cadmium [Cd]	< 1	< 1	< 1	< 1	6
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	8	11	9	4	< 1
Scandium [Sc]	3	2	3	1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	190	50	190	450	< 10
Arsenic [As]	5	< 5	< 5	25	< 5
Bismuth [Bi]	5	25	< 5	< 5	20
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : SEP-27-1990

SIGNED :

Bernie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.F. FLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1005 - 3
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15663

PROJECT: PUP OREQUEST CONSULTANTS R-2540 ALL RESULTS PPM

ELEMENT	37781	37782	37783	37784	37785
Aluminum [Al]	2600	12000	1200	11000	31000
Iron [Fe]	170000	62000	210000	44000	110000
Calcium [Ca]	2200	28000	14000	63000	3700
Magnesium [Mg]	1500	6200	1500	6400	12000
Sodium [Na]	30	50	10	60	80
Potassium [K]	180	2100	130	1800	24000
Titanium [Ti]	90	590	71	62	2000
Manganese [Mn]	200	830	120	990	120
Phosphorus [P]	900	280	730	3000	730
Barium [Ba]	6	34	11	34	19
Chromium [Cr]	100	39	19	28	29
Zirconium [Zr]	27	12	75	13	23
Copper [Cu]	5300	1600	4100	820	190
Nickel [Ni]	7	20	28	22	19
Lead [Pb]	20000	680	280	1100	62
Zinc [Zn]	73000	1200	350	2000	110
Vanadium [V]	16	41	16	40	160
Strontium [Sr]	9	150	11	310	11
Cobalt [Co]	3	25	77	10	33
Molybdenum [Mo]	< 2	< 2	10	< 2	< 2
Silver [Ag]	17	7	8	6	< 1
Cadmium [Cd]	620	1	8	44	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	45	< 5	< 5	< 5	15
Yttrium [Y]	5	10	9	36	10
Scandium [Sc]	< 1	8	< 1	14	10
Tungsten [W]	10	< 10	160	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	180	240	380	120	390
Arsenic [As]	75	40	< 5	20	10
Bismuth [Bi]	< 5	15	100	25	20
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	30	< 10	40	10	10

DATE : SEP-27-1990

SIGNED : Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1005 - 4
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15663

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2540 ALL RESULTS PPM

ELEMENT	37786	37787	37788	37789	37790
Aluminum [Al]	14000	550	1600	8000	7800
Iron [Fe]	92000	210000	180000	150000	57000
Calcium [Ca]	5100	6000	13000	10000	35000
Magnesium [Mg]	7900	840	3100	4800	7100
Sodium [Na]	70	< 10	10	30	50
Potassium [K]	2900	220	750	1600	2500
Titanium [Ti]	130	22	47	92	1400
Manganese [Mn]	95	51	120	180	130
Phosphorus [P]	2600	270	370	560	950
Barium [Ba]	27	6	9	12	8
Chromium [Cr]	47	17	45	41	180
Zirconium [Zr]	12	63	36	25	9
Copper [Cu]	120	2300	9400	1800	580
Nickel [Ni]	65	48	37	260	220
Lead [Pb]	31	40	29	150	18
Zinc [Zn]	48	48	110	180	25
Vanadium [V]	58	< 1	10	55	33
Strontium [Sr]	29	7	27	59	150
Cobalt [Co]	24	39	89	79	55
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	7	8	12	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	5	< 5	5
Yttrium [Y]	12	7	7	16	5
Scandium [Sc]	4	< 1	< 1	6	1
Tungsten [W]	< 10	10	< 10	< 10	70
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	210	370	330	260	< 10
Arsenic [As]	< 5	< 5	20	430	< 5
Bismuth [Bi]	< 5	60	15	5	20
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	40	20	30	< 10

DATE : SEP-27-1990

SIGNED : Bernie Aurn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1005 - 5
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15663

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2540

ALL RESULTS PPM

ELEMENT	37791	37792	37793	37794	37800
Aluminum [Al]	1900	4000	1500	4800	2000
Iron [Fe]	180000	140000	57000	190000	120000
Calcium [Ca]	780	2800	1600	18000	700
Magnesium [Mg]	2400	3400	1700	4200	570
Sodium [Na]	20	310	30	40	10
Potassium [K]	570	380	190	510	490
Titanium [Ti]	100	770	52	58	30
Manganese [Mn]	35	76	52	170	72
Phosphorus [P]	110	1500	98	2200	370
Barium [Ba]	9	9	14	13	21
Chromium [Cr]	78	100	140	73	90
Zirconium [Zr]	30	23	4	39	14
Copper [Cu]	53	310	170	1100	1200
Nickel [Ni]	26	170	34	180	35
Lead [Pb]	34	22	14	24	26
Zinc [Zn]	40	23	14	16	56
Vanadium [V]	14	67	13	34	35
Strontium [Sr]	5	8	5	25	4
Cobalt [Co]	190	60	38	78	19
Molybdenum [Mo]	< 2	< 2	< 2	< 2	2
Silver [Ag]	< 1	< 1	< 1	< 1	5
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	15	5	< 5	10	< 5
Yttrium [Y]	5	12	3	13	12
Scandium [Sc]	< 1	6	< 1	2	2
Tungsten [W]	30	70	160	20	20
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	240	160	< 10	350	80
Arsenic [As]	130	5	5	5	45
Bismuth [Bi]	< 5	< 5	< 5	30	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	20	< 10	40	10

DATE : SEP-27-1990

SIGNED : Bernie Ovan

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1005 - 6
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15663

PROJECT: PUP OREQUEST CONSULTANTS R-2540

ALL RESULTS PPM

ELEMENT	39117	39118	39119	39120	39121
Aluminum [Al]	3100	9800	7100	5900	13000
Iron [Fe]	43000	36000	37000	39000	36000
Calcium [Ca]	15000	6500	4500	3900	5400
Magnesium [Mg]	570	5900	4300	3400	6800
Sodium [Na]	160	290	460	410	280
Potassium [K]	2100	1000	670	1400	1100
Titanium [Ti]	860	1300	1600	1300	1300
Manganese [Mn]	530	560	260	200	600
Phosphorus [P]	1300	1300	1500	1200	1400
Barium [Ba]	57	39	24	36	40
Chromium [Cr]	28	37	26	37	21
Zirconium [Zr]	6	7	6	7	5
Copper [Cu]	1200	77	50	66	45
Nickel [Ni]	4	6	< 1	18	8
Lead [Pb]	84	30	9	4	6
Zinc [Zn]	110	54	23	13	36
Vanadium [V]	15	45	40	46	51
Strontium [Sr]	57	33	32	21	24
Cobalt [Co]	9	9	4	14	15
Molybdenum [Mo]	4	4	2	10	< 2
Silver [Ag]	2	< 1	< 1	< 1	< 1
Cadmium [Cd]	1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	4	4	5	5
Scandium [Sc]	< 1	2	1	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	270	< 10	< 10	230
Arsenic [As]	15	50	5	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : SEP-27-1990

SIGNED :

Bernie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : 9 - 1005 - 7
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15663

PROJECT: PUP OREQUEST CONSULTANTS R-2540

ALL RESULTS PPM

ELEMENT	39122	39123	39124	39125	39126
Aluminum [Al]	11000	7200	3700	2700	2700
Iron [Fe]	23000	22000	52000	36000	36000
Calcium [Ca]	14000	2600	1600	1900	1800
Magnesium [Mg]	4300	3000	930	1000	1000
Sodium [Na]	320	190	260	390	390
Potassium [K]	1400	870	1700	1400	1400
Titanium [Ti]	240	86	450	1300	1300
Manganese [Mn]	750	580	320	92	86
Phosphorus [P]	630	420	990	740	720
Barium [Ba]	72	44	76	51	51
Chromium [Cr]	47	98	14	25	25
Zirconium [Zr]	4	3	7	8	8
Copper [Cu]	10	25	10	35	35
Nickel [Ni]	3	3	< 1	< 1	< 1
Lead [Pb]	22	11	5	9	10
Zinc [Zn]	91	45	81	120	120
Vanadium [V]	28	18	10	23	23
Strontium [Sr]	62	19	27	22	22
Cobalt [Co]	5	4	2	3	3
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	4	5	4	4
Scandium [Sc]	2	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	20	< 5	25	10	15
Bismuth [Bi]	10	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : SEP-27-1990

SIGNED : Bernie Dean

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1005 - 8
 T.S.L. File No. : SE25MA
 T.S.L. Invoice No. : 15663

PROJECT: PUP OREQUEST CONSULTANTS R-2540

ALL RESULTS PPM

ELEMENT	39127	39128	39129	39130	39131
Aluminum [Al]	6000	3000	9900	8300	12000
Iron [Fe]	46000	45000	49000	22000	23000
Calcium [Ca]	2500	3300	4600	55000	31000
Magnesium [Mg]	4000	1200	6600	3100	4400
Sodium [Na]	250	350	260	50	120
Potassium [K]	2000	1200	2500	2300	1400
Titanium [Ti]	2100	1700	1500	670	1000
Manganese [Mn]	240	81	440	590	540
Phosphorus [P]	1600	1800	1900	700	800
Barium [Ba]	74	53	43	120	75
Chromium [Cr]	24	17	32	12	26
Zirconium [Zr]	11	14	9	3	6
Copper [Cu]	110	43	45	100	110
Nickel [Ni]	3	1	4	3	4
Lead [Pb]	18	9	4	19	10
Zinc [Zn]	30	11	40	110	80
Vanadium [V]	41	38	58	22	37
Strontium [Sr]	21	35	37	150	210
Cobalt [Co]	6	4	10	10	10
Molybdenum [Mo]	2	2	6	4	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	3	5	6	3
Scandium [Sc]	2	2	2	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	260	< 10	100	< 10	< 10
Arsenic [As]	5	15	15	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	25	15
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : SEP-27-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: (306) 931 - 1033

FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10th Floor Box 10

808 West Hastings St.

Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1005 - 9

T.S.L. File No. : SE25MA

T.S.L. Invoice No. : 15663

ATTN: J. FOSTER

PROJECT: PUP

DREGEST CONSULTANTS

R-2540

ALL RESULTS PPM

ELEMENT	39132	39133	39134
Aluminum [Al]	5300	8200	6500
Iron [Fe]	25000	59000	42000
Calcium [Ca]	5200	2500	5600
Magnesium [Mg]	2700	5500	3700
Sodium [Na]	430	170	170
Potassium [K]	1300	2100	2800
Titanium [Ti]	1000	2000	1700
Manganese [Mn]	130	160	38
Phosphorus [P]	1100	410	2300
Barium [Ba]	39	21	54
Chromium [Cr]	34	25	35
Zirconium [Zr]	15	15	7
Copper [Cu]	130	380	180
Nickel [Ni]	7	7	8
Lead [Pb]	5	13	8
Zinc [Zn]	15	27	14
Vanadium [V]	36	76	77
Strontium [Sr]	45	13	29
Cobalt [Co]	6	7	4
Molybdenum [Mo]	< 2	< 2	6
Silver [Ag]	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5
Yttrium [Y]	6	6	7
Scandium [Sc]	< 1	10	4
Tungsten [W]	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10
Thorium [Th]	< 10	130	80
Arsenic [As]	15	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10

DATE : SEP-27-1990

SIGNED :





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

✓ ✓

REPORT No.
S1095

SAMPLE(S) OF Rock

INVOICE #: 15614
P.O.: R2622

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

	Au ppb
P-SB-R-18	15
P-SB-R-19	15
P-SB-R-20	<5
P-SB-R-21	15
P-SB-R-22	<5
39135	75
39150	<5
39151	<5
39152	<5
39153	<5
39154	<5
39155	10
39156	<5

COPIES TO: J. Foster, P. Lougheed
INVOICE TO: Prime-Vancouver

Sep 25/90

SIGNED Benie Ouan



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1095 - 1
 T.S.L. File No. : M 8145
 T.S.L. Invoice No. : 15766

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2622

ALL RESULTS PPM

ELEMENT	P-SB-R-18	P-SB-R-19	P-SB-R-20	P-SB-R-21	P-SB-R-22	39135	39150	39151
Aluminum [Al]	4400	5200	1500	6800	11000	9300	7300	8000
Iron [Fe]	28000	14000	8100	16000	21000	26000	16000	28000
Calcium [Ca]	5200	2300	640	4500	3700	5300	17000	4800
Magnesium [Mg]	1700	3000	960	3000	5100	3800	3300	4000
Sodium [Na]	410	200	50	570	470	550	320	530
Potassium [K]	1500	840	190	890	760	1700	150	550
Titanium [Ti]	1200	400	89	690	920	640	700	1100
Manganese [Mn]	130	220	86	340	330	670	290	360
Phosphorus [P]	980	280	54	930	900	840	790	880
Barium [Ba]	53	24	7	24	24	66	10	27
Chromium [Cr]	20	89	98	35	27	41	34	27
Zirconium [Zr]	15	2	< 1	4	4	6	2	5
Copper [Cu]	57	80	33	110	22	14000	240	110
Nickel [Ni]	3	4	2	5	3	5	6	4
Lead [Pb]	7	230	15	3	2	11	7	4
Zinc [Zn]	17	17	7	21	19	280	46	52
Vanadium [V]	32	15	5	16	26	45	19	27
Strontium [Sr]	56	17	6	35	22	52	46	26
Cobalt [Co]	5	3	1	6	4	8	7	9
Molybdenum [Mo]	2	4	2	< 2	< 2	< 2	4	< 2
Silver [Ag]	1	< 1	< 1	< 1	< 1	10	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	3	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	5	2	< 1	6	4	6	3	4
Scandium [Sc]	1	< 1	< 1	< 1	< 1	2	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	50	70	< 10	60
Arsenic [As]	15	< 5	5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	10	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	20	30	35	35	35	45	35	40
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-01-1990

SIGNED : Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1095 - 2
 T.S.L. File No. : SE27MD
 T.S.L. Invoice No. : 15766

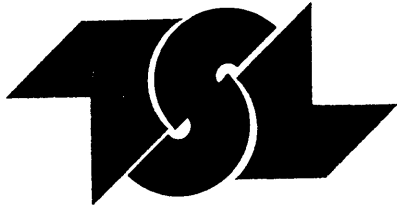
ATTN: J. FOSTER PROJECT: PUP OREQQUEST CONSULTANTS R-2622

ALL RESULTS PPM

ELEMENT	39152	39153	39154	39155	39156
Aluminum [Al]	8900	3300	7200	15000	12000
Iron [Fe]	24000	29000	32000	41000	21000
Calcium [Ca]	3500	78000	2100	9800	7800
Magnesium [Mg]	4400	6800	1500	5200	4300
Sodium [Na]	430	90	330	230	360
Potassium [K]	980	470	850	710	510
Titanium [Ti]	1300	40	34	58	710
Manganese [Mn]	330	940	540	670	430
Phosphorus [P]	950	240	710	620	520
Barium [Ba]	51	31	78	47	32
Chromium [Cr]	33	38	16	26	42
Zirconium [Zr]	4	6	5	4	4
Copper [Cu]	88	60	73	780	62
Nickel [Ni]	6	6	8	7	5
Lead [Pb]	5	4	7	950	30
Zinc [Zn]	26	24	65	1800	81
Vanadium [V]	20	49	39	39	24
Strontium [Sr]	19	470	16	29	38
Cobalt [Co]	9	7	13	21	6
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	2	< 1
Cadmium [Cd]	< 1	< 1	< 1	28	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	< 5
Yttrium [Y]	2	8	6	6	2
Scandium [Sc]	< 1	7	5	2	< 1
Tungsten [W]	< 10	< 10	< 10	40	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	20	< 10	40	60
Arsenic [As]	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	15	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	35	25	20	20	25
Holmium [Ho]	< 10	10	< 10	< 10	< 10

DATE : OCT-01-1990

SIGNED : Bernie Owen



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S1109

INVOICE #: 15627
P.O.: R2626

SAMPLE(S) OF Rock

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

	Au ppb
P-90-R-1	270
P-90-R-2	45
P-90-R-3	5
P-90-R-4	<5
P-90-R-5	<5
P-90-R-6	<5
P-SB-R-23	10
P-SB-R-24	<5
P-SB-R-25	25
P-SB-R-26	<5
P-SB-R-28	<5
P-SB-R-29	<5
P-SB-R-30	<5
P-SB-R-31	<5
39157	<5
39158	<5
39159	<5
39160	<5
39161	<5

COPIES TO: J. Foster, P. Lougheed
INVOICE TO: Prime-Vancouver

Sep 26/90

SIGNED Bernie Ours



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1109 - 1
 T.S.L. File No. : M - 8170
 T.S.L. Invoice No. : 15781

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2626

ALL RESULTS PPM

ELEMENT	P-90-R-1	P-90-R-2	P-90-R-3	P-90-R-4	P-90-R-5	P-90-R-6	P-SB-R-23
Aluminum [Al]	1400	2400	300	4500	8600	950	10000
Iron [Fe]	19000	12000	20000	21000	37000	9700	23000
Calcium [Ca]	4100	17000	620	41000	2100	12000	4300
Magnesium [Mg]	580	1200	90	2800	3600	440	4900
Sodium [Na]	40	50	20	150	190	40	250
Potassium [K]	90	200	20	1300	980	190	1300
Titanium [Ti]	72	28	10	9	350	37	620
Manganese [Mn]	140	210	82	650	420	230	460
Phosphorus [P]	60	110	16	540	500	88	700
Barium [Ba]	12	32	5	52	54	12	55
Chromium [Cr]	140	110	180	26	66	110	36
Zirconium [Zr]	1	1	< 1	2	3	1	4
Copper [Cu]	3500	1200	240	51	190	110	57
Nickel [Ni]	7	14	22	4	10	4	16
Lead [Pb]	1	8	5	5	27	9	8
Zinc [Zn]	58	55	16	48	43	540	270
Vanadium [V]	5	9	2	13	17	3	26
Strontium [Sr]	13	28	3	74	8	23	15
Cobalt [Co]	7	16	25	7	20	8	8
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	18	2	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	1	< 1	< 1	< 1	< 1	6	2
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	< 1	1	< 1	5	4	< 1	4
Scandium [Sc]	< 1	< 1	< 1	2	< 1	< 1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	10	< 10	50
Arsenic [As]	5	< 5	10	< 5	< 5	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	15	< 5	5	< 5
Tin [Sn]	< 10	< 10	10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-01-1990

SIGNED : Bernie Ann

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1109 - 2
 T.S.L. File No. : SE29MA
 T.S.L. Invoice No. : 15781

ATTN: J. FOSTER PROJECT: PUP OREGQUEST CONSULTANTS R-2626 ALL RESULTS PPM

ELEMENT	P-SB-R-24	P-SB-R-25	P-SB-R-26	P-SB-R-28	P-SB-R-29	P-SB-R-30	P-SB-R-31
Aluminum [Al]	8500	12000	12000	9200	13000	12000	5100
Iron [Fe]	20000	23000	22000	32000	28000	30000	17000
Calcium [Ca]	29000	41000	8900	5300	3900	5000	4900
Magnesium [Mg]	3100	4700	5400	5600	5400	4000	2100
Sodium [Na]	250	230	170	290	370	220	170
Potassium [K]	770	1100	1200	930	500	1500	750
Titanium [Ti]	300	720	710	1300	860	1100	47
Manganese [Mn]	580	780	420	330	580	560	360
Phosphorus [P]	650	1100	970	680	740	910	440
Barium [Ba]	26	38	82	28	37	88	47
Chromium [Cr]	16	27	36	12	23	12	64
Zirconium [Zr]	4	4	3	5	4	3	2
Copper [Cu]	45	78	75	86	91	73	34
Nickel [Ni]	1	6	32	7	5	4	4
Lead [Pb]	5	7	6	9	13	7	3
Zinc [Zn]	46	55	81	32	130	84	25
Vanadium [V]	20	35	26	31	45	28	17
Strontium [Sr]	51	130	23	16	18	19	16
Cobalt [Co]	5	8	8	9	9	10	5
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	4	6	5	3	4	3
Scandium [Sc]	< 1	2	1	2	< 1	< 1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	50	40	30	40	70	< 10
Arsenic [As]	< 5	< 5	< 5	20	< 5	< 5	< 5
Bismuth [Bi]	15	20	10	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	5	5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-01-1990

SIGNED : Bennie Orena

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

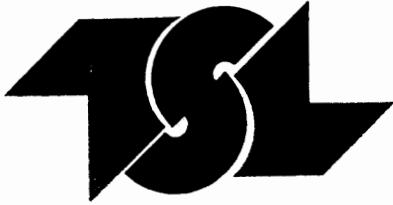
T.S.L. REPORT No. : S - 1109 - 3
 T.S.L. File No. : SE29MA
 T.S.L. Invoice No. : 15781

PROJECT: PUP OREQUEST CONSULTANTS R-2626 ALL RESULTS PPM

ELEMENT	39157	39158	39159	39160	39161
Aluminum [Al]	20000	13000	9800	14000	3800
Iron [Fe]	38000	26000	26000	27000	10000
Calcium [Ca]	11000	29000	38000	27000	1800
Magnesium [Mg]	6900	4500	4800	4900	1900
Sodium [Na]	900	240	180	280	200
Potassium [K]	860	930	1300	750	420
Titanium [Ti]	3400	120	51	360	78
Manganese [Mn]	710	680	770	720	160
Phosphorus [P]	640	550	630	650	280
Barium [Ba]	89	51	79	34	45
Chromium [Cr]	40	20	14	31	93
Zirconium [Zr]	21	4	3	3	2
Copper [Cu]	42	38	66	81	18
Nickel [Ni]	17	4	6	4	1
Lead [Pb]	15	7	33	61	5
Zinc [Zn]	67	55	210	130	23
Vanadium [V]	110	51	28	35	19
Strontium [Sr]	66	85	130	72	11
Cobalt [Co]	15	7	11	10	2
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	8	6	7	3	2
Scandium [Sc]	7	3	2	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	50	60	40	< 10
Arsenic [As]	< 5	< 5	< 5	< 5	10
Bismuth [Bi]	< 10	15	20	15	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : OCT-01-1990

SIGNED : Bernie Ann



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S1217

SAMPLE(S) OF Rock

INVOICE #: 15800
P.O.: R2671

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

	Au ppb
P-90-R-7	10
P-90-R-8	5
P-90-R-9	<5
P-90-R-10	5
P-90-R-11	5
P-90-R-12	150
P-90-R-13	10
39162	10
39163	5
39164	5
P-SB-R-27	25
P-SB-R-32	10
P-SB-R-33	<5
P-SB-R-34	<5

COPIES TO: J. Foster, P. Lougheed
INVOICE TO: Prime-Vancouver

Oct 05/90

SIGNED

Dennis Pilzyuk

Page 1 of 1



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: (306) 931 - 1033

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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1217 - 1

T.S.L. File No. : M - 8251

T.S.L. Invoice No. : 15977

ATTN: J. FOSTER

PROJECT: PUP

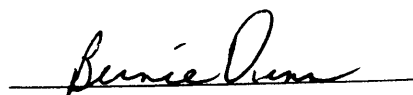
OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	P-90-R-7	P-90-R-8	P-90-R-9	P-90-R-10	P-90-R-11	P-90-R-12	P-90-R-13	39162
Aluminum [Al]	4400	16000	11000	810	12000	12000	390	4400
Iron [Fe]	15000	30000	26000	43000	26000	28000	68000	32000
Calcium [Ca]	29000	8200	3800	< 20	18000	3900	63000	32000
Magnesium [Mg]	2000	5900	4800	510	5000	4700	170	1100
Sodium [Na]	180	200	280	30	120	180	20	200
Potassium [K]	890	410	520	60	1700	730	210	1100
Titanium [Ti]	430	940	980	58	810	970	17	19
Manganese [Mn]	320	670	500	57	360	300	380	820
Phosphorus [P]	500	590	1100	28	1200	700	< 2	1000
Barium [Ba]	38	25	26	2	33	25	12	37
Chromium [Cr]	28	26	21	100	15	34	53	12
Zirconium [Zr]	8	12	12	17	11	11	28	13
Copper [Cu]	71	71	54	510	150	64	540	14
Nickel [Ni]	9	10	5	14	14	3	20	2
Lead [Pb]	15	13	11	17	12	16	35	13
Zinc [Zn]	32	52	51	11	56	41	10	59
Vanadium [V]	11	40	27	< 1	23	19	< 1	24
Strontium [Sr]	69	34	27	2	31	19	180	42
Cobalt [Co]	7	15	13	36	15	7	120	8
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	10	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	130	1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	5	5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	3	3	4	< 1	3	2	2	9
Scandium [Sc]	< 1	1	< 1	< 1	1	< 1	< 1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	60	80	< 10	90	60	< 10	< 10
Arsenic [As]	10	< 5	< 5	< 5	< 5	65	7800	140
Bismuth [Bi]	10	25	20	25	20	20	55	25
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	5	< 5	< 5	5	< 5	< 5
Holmium [Ho]	20	50	40	20	< 10	40	< 10	20

DATE : OCT-22-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1217 - 2
 T.S.L. File No. : OC15MIKE
 T.S.L. Invoice No. : 15977

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	39163	39164	P-SB-R-27	P-SB-R-32	P-SB-R-33	P-SB-R-34
Aluminum [Al]	4000	3600	12000	3800	10000	17000
Iron [Fe]	8400	30000	43000	16000	44000	49000
Calcium [Ca]	140000	27000	7000	1800	5900	500
Magnesium [Mg]	1700	1000	5900	360	3600	6400
Sodium [Na]	20	160	140	20	30	190
Potassium [K]	810	1400	1900	2200	7700	4100
Titanium [Ti]	< 1	2	1900	75	500	270
Manganese [Mn]	690	940	120	7	100	65
Phosphorus [P]	< 2	990	1200	840	400	630
Barium [Ba]	10	39	11	20	18	21
Chromium [Cr]	26	10	42	17	17	27
Zirconium [Zr]	3	11	22	8	20	23
Copper [Cu]	15	5	81	62	< 1	14
Nickel [Ni]	3	< 1	25	37	15	7
Lead [Pb]	1	11	18	310	24	24
Zinc [Zn]	10	68	9	870	65	14
Vanadium [V]	14	15	62	32	75	75
Strontium [Sr]	190	57	10	6	7	3
Cobalt [Co]	3	6	23	9	8	5
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	7	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	2	9	7	6	13	7
Scandium [Sc]	< 1	2	4	5	9	8
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	50	< 10	110	60
Arsenic [As]	5	< 5	< 5	15	15	< 5
Bismuth [Bi]	10	20	35	10	30	35
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	10	< 5	< 5	5
Holmium [Ho]	20	20	100	20	40	40

DATE : OCT-22-1990

SIGNED :

Bernie Dunn



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver, B.C.
V6C 2X6

REPORT No.
S1264

SAMPLE(S) OF Rock

INVOICE #: 15890
P.O.: R-2693

Marco V.
Project: Pup

REMARKS: Orequest Consultants

	Au ppb
39165	340
39166	140
39167	30
39168	15
39169	70
39170	50
39171	70
39172	70
39173	35
39174	130
39175	55
39176	50
39177	35
39178	110
39179	170
39180	40
39181	130
39182	210
39183	560
39184	160

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INVOICE TO: Prime - Vancouver

Oct 12/90

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SASKATOON, SASKATCHEWAN
S7K 6A4

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Vancouver, B.C.
V6C 2X6

REPORT No.
S1264

SAMPLE(S) OF Rock

INVOICE #: 15890
P.O.: R-2693

Marco V.
Project: Pup

REMARKS: Orequest Consultants

	Au ppb
39185	270
39186	190
39187	350
39188	160
39189	280
39190	15
39191	120
39192	40
39193	75
39194	20
39195	30
39196	40
39197	<5
39198	35
39199	30
39200	20
39201	140
39202	30
39203	25
39204	75

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REPORT No.
S1264

SAMPLE(S) OF Rock

INVOICE #: 15890
P.O.: R-2693

Marco V.
Project: Pup

REMARKS: Orequest Consultants

	Au ppb
39205	60
39206	75
39207	30
39208	20
39209	15
39210	10
39211	20
39212	5
39213	15
39214	20
39215	20
39216	20

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FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1264 - 1

T.S.L. File No. : M - 8285

T.S.L. Invoice No. : 16010

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	39165	39166	39167	39168	39169	39170	39171
Aluminum [Al]	4400	9200	6700	5200	6200	4400	4500
Iron [Fe]	33000	20000	17000	15000	16000	25000	18000
Calcium [Ca]	8900	11000	10000	6800	5700	2100	6400
Magnesium [Mg]	1200	3500	2300	1400	2100	1300	1400
Sodium [Na]	190	200	210	220	230	180	190
Potassium [K]	2500	4100	3700	3300	3100	2600	2000
Titanium [Ti]	390	970	870	630	680	1000	170
Manganese [Mn]	810	610	620	730	680	220	550
Phosphorus [P]	930	840	830	860	780	1100	670
Barium [Ba]	28	66	75	86	68	76	44
Chromium [Cr]	39	24	24	43	32	22	16
Zirconium [Zr]	4	5	5	5	4	3	2
Copper [Cu]	140	850	390	88	550	220	420
Nickel [Ni]	6	3	2	3	2	< 1	1
Lead [Pb]	15	13	17	4	10	16	6
Zinc [Zn]	29	56	59	35	43	20	28
Vanadium [V]	13	35	24	16	21	19	15
Strontium [Sr]	34	93	80	58	56	25	44
Cobalt [Co]	31	8	7	6	6	3	6
Molybdenum [Mo]	< 2	< 2	2	2	2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	5	4	4	4	3	3
Scandium [Sc]	< 1	2	1	< 1	1	< 1	< 1
Tungsten [W]	40	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	50	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	35	< 5	5	< 5	< 5	15	5
Bismuth [Bi]	15	15	10	10	5	< 5	5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-23-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: (306) 931 - 1033

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ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1264 - 2

T.S.L. File No. : OC17MB

T.S.L. Invoice No. : 16010

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	39172	39173	39174	39175	39176	39177	39178
Aluminum [Al]	3900	5000	30	6400	5700	7300	9700
Iron [Fe]	15000	15000	00	18000	20000	20000	23000
Calcium [Ca]	1700	2600	3600	3000	2900	3500	4200
Magnesium [Mg]	990	1500	1500	2000	1400	2100	3400
Sodium [Na]	230	380	260	250	340	340	350
Potassium [K]	2200	2400	2300	2100	2000	2000	1900
Titanium [Ti]	140	360	240	110	46	110	360
Manganese [Mn]	260	220	300	530	330	310	300
Phosphorus [P]	580	620	630	900	640	780	970
Barium [Ba]	49	55	39	40	50	53	55
Chromium [Cr]	23	51	36	26	35	25	25
Zirconium [Zr]	2	4	2	2	1	2	5
Copper [Cu]	100	120	260	250	170	380	1100
Nickel [Ni]	1	2	2	4	3	1	< 1
Lead [Pb]	6	4	2	5	12	9	3
Zinc [Zn]	18	17	19	33	26	31	35
Vanadium [V]	12	15	15	23	19	26	45
Strontium [Sr]	18	35	26	17	30	37	52
Cobalt [Co]	4	4	4	5	5	4	6
Molybdenum [Mo]	4	< 2	8	8	4	2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	3	3	3	5	3	4	5
Scandium [Sc]	< 1	< 1	< 1	1	1	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10	< 10	40
Arsenic [As]	< 5	< 5	< 5	5	15	10	< 5
Bismuth [Bi]	5	< 5	5	5	< 5	< 5	5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-23-1990

SIGNED :

Bernie Owen

T S L LABORATORIES

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T.S.L. REPORT No. : S - 1264 - 3

T.S.L. File No. : OC17MB

T.S.L. Invoice No. : 16010

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	39179	39180	39181	39182	39183	39184	39185
Aluminum [Al]	9700	9600	12000	10000	11000	9000	5900
Iron [Fe]	23000	22000	27000	27000	32000	26000	22000
Calcium [Ca]	5600	6200	5600	8600	7500	5500	3600
Magnesium [Mg]	3300	3500	3700	3200	3200	3200	2400
Sodium [Na]	330	280	250	280	230	270	380
Potassium [K]	1400	880	1200	1800	1600	1400	1300
Titanium [Ti]	730	960	540	93	400	580	730
Manganese [Mn]	350	410	460	480	450	400	410
Phosphorus [P]	980	1200	1200	1100	1100	1000	680
Barium [Ba]	34	25	33	47	41	40	32
Chromium [Cr]	23	22	16	19	12	16	33
Zirconium [Zr]	7	8	5	2	5	6	6
Copper [Cu]	2900	510	720	2000	2700	1700	360
Nickel [Ni]	< 1	< 1	1	< 1	< 1	< 1	4
Lead [Pb]	5	5	3	4	7	8	16
Zinc [Zn]	46	26	43	40	48	50	81
Vanadium [V]	54	54	65	38	51	45	33
Strontium [Sr]	66	120	61	90	62	63	27
Cobalt [Co]	8	7	6	7	8	7	5
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	1	< 1	< 1	1	1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	5
Yttrium [Y]	5	5	6	7	6	5	3
Scandium [Sc]	2	2	2	2	2	2	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	60	30	60	60	50	< 10
Arsenic [As]	5	< 5	< 5	< 5	< 5	10	25
Bismuth [Bi]	5	5	5	5	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-23-1990

SIGNED :

Bernie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

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T.S.L. REPORT No. : S - 1264 - 4

T.S.L. File No. : DC17MB

T.S.L. Invoice No. : 16010

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	39186	39187	39188	39189	39190	39191	39192
Aluminum [Al]	8400	7300	5800	8900	14000	7200	10000
Iron [Fe]	22000	23000	20000	21000	22000	17000	23000
Calcium [Ca]	4600	5200	5900	5600	8200	5400	5400
Magnesium [Mg]	3300	2900	2600	3600	4700	2900	4000
Sodium [Na]	360	300	270	330	380	320	260
Potassium [K]	1100	1400	1200	1000	770	940	1200
Titanium [Ti]	880	890	220	1200	1400	1200	1600
Manganese [Mn]	450	410	410	310	500	240	330
Phosphorus [P]	920	840	790	1000	1300	1300	1200
Barium [Ba]	24	33	29	24	15	16	14
Chromium [Cr]	30	31	26	22	29	16	14
Zirconium [Zr]	7	8	3	7	8	6	6
Copper [Cu]	1100	570	1000	970	270	380	180
Nickel [Ni]	< 1	< 1	< 1	< 1	2	2	3
Lead [Pb]	11	12	7	3	5	5	4
Zinc [Zn]	44	58	67	32	31	23	28
Vanadium [V]	43	37	30	56	63	36	47
Strontium [Sr]	53	49	49	91	63	50	43
Cobalt [Co]	7	6	5	5	6	7	7
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	5	5	4	5	6	5	5
Scandium [Sc]	1	2	1	2	4	1	2
Tungsten [W]	< 10	10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	60	< 10	50	40	< 10	20
Arsenic [As]	10	10	10	< 5	5	< 5	< 5
Bismuth [Bi]	5	10	10	10	10	5	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-23-1990

SIGNED :

Bernie Oum

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: 306) 931 - 1033

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Aqua-Regia Digestion

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808 West Hastings St.
Vancouver B.C. V6C 2X6
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1264 - 5

T.S.L. File No. : DC17MB

T.S.L. Invoice No. : 16010

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	39193	39194	39195	39196	39197	39198	39199
Aluminum [Al]	14000	17000	8200	9400	11000	8400	11000
Iron [Fe]	25000	28000	18000	21000	21000	22000	21000
Calcium [Ca]	7800	8700	6000	9100	20000	9400	8300
Magnesium [Mg]	4500	5100	2100	2900	2100	2400	3700
Sodium [Na]	310	290	360	260	90	240	340
Potassium [K]	2400	4900	1700	1600	9700	3700	5200
Titanium [Ti]	1800	2000	800	760	1100	990	1400
Manganese [Mn]	440	470	310	430	1000	460	450
Phosphorus [P]	1500	1600	610	830	670	820	1200
Barium [Ba]	21	39	37	38	140	67	260
Chromium [Cr]	20	48	19	15	6	22	21
Zirconium [Zr]	6	5	5	6	4	6	10
Copper [Cu]	360	300	250	350	110	230	250
Nickel [Ni]	4	3	< 1	< 1	< 1	< 1	< 1
Lead [Pb]	3	1	4	7	8	9	5
Zinc [Zn]	32	30	23	30	58	37	48
Vanadium [V]	59	75	52	46	65	48	75
Strontium [Sr]	68	74	49	81	160	75	270
Cobalt [Co]	9	8	4	5	10	5	7
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	7	6	6	6	7	7
Scandium [Sc]	2	2	1	1	1	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	40	< 10	80	< 10	20	50
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	10	10	10	10	15	10	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-23-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

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PROJECT: PUP OREQEST CONSULTANTS

T.S.L. REPORT No. : S - 1264 - 6

T.S.L. File No. : OC17MB

T.S.L. Invoice No. : 16010

ALL RESULTS PPM

ELEMENT	39200	39201	39202	39203	39204	39205	39206
Aluminum [Al]	12000	13000	13000	7400	12000	12000	12000
Iron [Fe]	24000	30000	30000	25000	28000	25000	25000
Calcium [Ca]	7200	8500	11000	13000	6000	8800	9300
Magnesium [Mg]	3900	4000	3700	1700	3500	3900	4000
Sodium [Na]	300	280	230	190	190	240	240
Potassium [K]	5800	2300	2200	3300	1700	1500	1100
Titanium [Ti]	1400	1100	370	160	450	820	1000
Manganese [Mn]	440	590	800	690	740	680	650
Phosphorus [P]	1200	1300	1200	1400	1300	1500	1500
Barium [Ba]	46	32	52	68	40	34	28
Chromium [Cr]	25	20	21	9	13	20	14
Zirconium [Zr]	7	7	5	3	5	7	9
Copper [Cu]	220	390	220	250	440	330	480
Nickel [Ni]	< 1	< 1	< 1	< 1	< 1	4	2
Lead [Pb]	4	3	5	7	2	5	4
Zinc [Zn]	42	52	56	34	53	60	50
Vanadium [V]	81	100	56	27	55	65	68
Strontium [Sr]	190	77	120	85	85	120	130
Cobalt [Co]	6	6	6	8	8	6	7
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	5	< 5
Yttrium [Y]	6	7	8	9	7	7	6
Scandium [Sc]	2	3	3	2	2	2	2
Tungsten [W]	< 10	< 10	< 10	10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	30	30	< 10	50	30	20
Arsenic [As]	< 5	< 5	5	10	10	20	< 5
Bismuth [Bi]	10	10	10	10	5	10	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-23-1990

SIGNED :

Bennie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: 306) 931 - 1033

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T.S.L. REPORT No. : S - 1264 - 7

T.S.L. File No. : DC17MB

T.S.L. Invoice No. : 16010

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

ELEMENT	39207	39208	39209	39210	39211	39212	39213
Aluminum [Al]	12000	9300	12000	13000	9200	13000	17000
Iron [Fe]	30000	23000	28000	25000	27000	31000	34000
Calcium [Ca]	5300	4500	7300	9700	15000	9200	6200
Magnesium [Mg]	4100	3600	3600	4500	2500	3300	4800
Sodium [Na]	310	340	280	330	160	170	270
Potassium [K]	1700	1700	1900	720	2200	2500	1700
Titanium [Ti]	1100	920	960	880	180	280	580
Manganese [Mn]	520	480	750	830	540	650	860
Phosphorus [P]	1500	1000	1400	1200	1300	1400	1200
Barium [Ba]	38	70	43	24	65	72	46
Chromium [Cr]	25	22	17	41	12	10	19
Zirconium [Zr]	9	8	7	10	2	1	4
Copper [Cu]	130	120	230	210	120	170	430
Nickel [Ni]	< 1	< 1	1	10	< 1	< 1	7
Lead [Pb]	5	4	4	5	12	13	5
Zinc [Zn]	44	42	43	53	37	54	36
Vanadium [V]	58	49	46	67	22	29	67
Strontium [Sr]	110	110	48	53	140	82	42
Cobalt [Co]	7	5	8	7	5	7	9
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	6	6	6	6	8	9
Scandium [Sc]	2	2	2	2	< 1	1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	60	30	40	80	60	30
Arsenic [As]	10	10	10	5	10	< 5	< 5
Bismuth [Bi]	5	10	10	10	10	10	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	10	10

DATE : OCT-23-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: (306) 931 - 1033

FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1264 - 8
T.S.L. File No. : OC17MB
T.S.L. Invoice No. : 16010

PROJECT: PUP OREQUEST CONSULTANTS

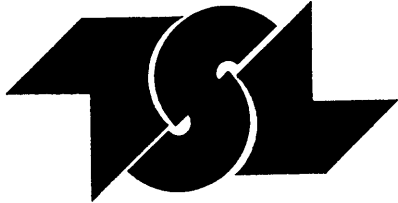
ALL RESULTS PPM

ELEMENT	39214	39215	39216
Aluminum [Al]	14000	6900	12000
Iron [Fe]	37000	24000	28000
Calcium [Ca]	6000	17000	5100
Magnesium [Mg]	5200	2900	4200
Sodium [Na]	300	230	310
Potassium [K]	2300	2100	1900
Titanium [Ti]	530	210	880
Manganese [Mn]	660	540	490
Phosphorus [P]	1200	1000	1200
Barium [Ba]	50	37	37
Chromium [Cr]	13	17	13
Zirconium [Zr]	3	3	5
Copper [Cu]	590	290	240
Nickel [Ni]	4	4	1
Lead [Pb]	19	16	3
Zinc [Zn]	33	29	24
Vanadium [V]	61	26	63
Strontium [Sr]	34	65	32
Cobalt [Co]	9	9	8
Molybdenum [Mo]	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5
Yttrium [Y]	11	12	7
Scandium [Sc]	3	2	3
Tungsten [W]	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10
Thorium [Th]	40	80	30
Arsenic [As]	< 5	< 5	10
Bismuth [Bi]	< 5	15	10
Tin [Sn]	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10

DATE : OCT-23-1990

SIGNED :





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

✓
REPORT No.
S9919

SAMPLE(S) OF Soil

INVOICE #: 15355
P.O.: R2471

Marco V
Project PUP

REMARKS: Orequest Consultants

	Au ppb
L1+00N 1+25W	35
L1+00N 1+00W	55
L1+00N 0+75W	120
L1+00N 0+50W	45
L1+00N 0+25W	80
L1+00N 0+00	60
L1+00N 0+25E	20
L1+00N 0+50E	25
L1+00N 0+75E	20
L1+00N 1+00E	10
L1+00N 1+25E	10
L1+00N 1+50E	5
L2+00N 0+75W	50
L2+00N 0+50W	40
L2+00N 0+25W	85
L2+00N 0+00	40
L2+00N 0+25E	25
L2+00N 0+50E	30
L2+00N 0+75E	30
L2+00N 1+00E	40

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INVOICE TO: Prime-Vancouver

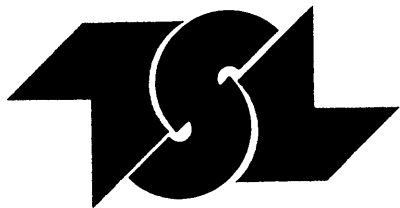
Sep 11/90

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Bernie Dunn

Page 1 of 7





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REPORT No.
S9919

SAMPLE(S) OF Soil

INVOICE #: 15355

P.O.: R2471

Marco V
Project PUP

REMARKS: Orequest Consultants

	Au ppb
L2+00N 1+25E	25
L2+00N 1+50E	30
L2+00N 1+75E	60
L2+00N 2+00E	25
L2+00N 2+25E	30
L2+00N 2+50E	30
L3+00N 1+00W	55
L3+00N 0+75W	35
L3+00N 0+50W	240
L3+00N 0+25W	80
L3+00N 0+00	55
L3+00N 0+25E	25
L3+00N 0+50E	180
L3+00N 0+75E	25
L3+00N 1+00E	25
L3+00N 1+25E	10
L3+00N 1+50E	15
L3+00N 1+75E	20
L3+00N 2+00E	10
L3+00N 2+25E	10

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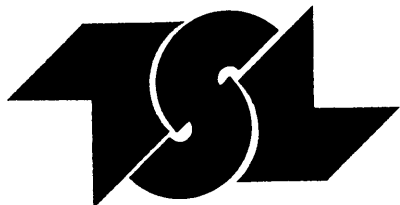
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TSL LABORATORIES

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Project PUP

REMARKS: Orequest Consultants

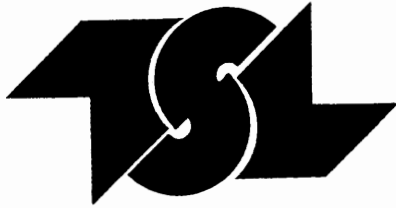
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L3+00N 2+50E	25
L3+00N 2+75E	25
L3+00N 3+00E	15
L3+00N 3+25E	30
L4+00N 0+75W	55
L4+00N 0+50W	30
L4+00N 0+25W	50
L4+00N 0+00	35
L4+00N 0+25E	20
L4+00N 0+50E	20
L4+00N 0+75E	30
L4+00N 1+00E	15
L4+00N 1+25E	25
L4+00N 1+50E	45
L4+00N 1+75E	80
L4+00N 2+00E	15
L4+00N 2+25E	30
L4+00N 2+50E	35
L4+00N 2+75E	25
L4+00N 3+00E	15

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Project PUP

REMARKS: Orequest Consultants

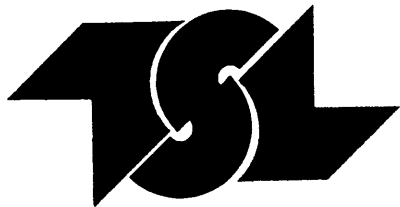
	Au ppb
L4+00N 3+25E	10
L4+00N 3+50E	<5
L4+00N 3+75E	5
L5+00N 0+50W	30
L5+00N 0+25W	50
L5+00N 0+00	65
L5+00N 0+25E	40
L5+00N 0+50E	60
L5+00N 0+75E	70
L5+00N 1+00E	70
L5+00N 1+25E	<5
L5+00N 1+50E	20
L5+00N 1+75E	10
L5+00N 2+00E	60
L5+00N 2+25E	15
L5+00N 2+50E	5
L5+00N 2+75E	30
L5+00N 3+00E	15
L5+00N 3+25E	5
L5+00N 3+50E	5

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REPORT No.
S9919

INVOICE #: 15355
P.O.: R2471

SAMPLE(S) OF Soil

Marco V
Project PUP

REMARKS: Orequest Consultants

	Au ppb
L5+00N 3+75E	15
L5+00N 4+00E	10
L5+00N 4+25E	5
L6+00N 0+25W	10
L6+00N 0+00	<5
L6+00N 0+25E	<5
L6+00N 0+50E	5
L6+00N 0+75E	60
L6+00N 1+00E	100
L6+00N 1+25E	95
L6+00N 1+75E	90
L6+00N 2+00E	70
L6+00N 2+25E	10
L6+00N 2+50E	5
L6+00N 2+75E	10
L6+00N 3+00E	10
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L6+00N 3+75E	5
L6+00N 4+00E	15

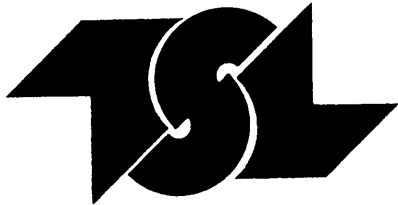
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Page 5 of 7





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REPORT No.
S9919

SAMPLE(S) OF Soil

INVOICE #: 15355
P.O.: R2471

Marco V
Project PUP

REMARKS: Orequest Consultants

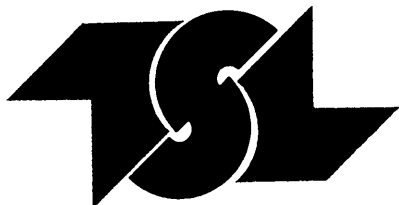
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L6+00N 4+25E	<5
L6+00N 4+50E	<5
L6+00N 4+75E	5
L6+00N 5+00E	20
L7+00N 0+50E	15
L7+00N 0+75E	270
L7+00N 1+00E	15
L7+00N 1+25E	90
L7+00N 1+50E	100
L7+00N 1+75E	70
L7+00N 2+00E	40
L7+00N 2+25E	55
L7+00N 2+50E	15
L7+00N 2+75E	40
L7+00N 3+00E	50
L7+00N 3+25E	15
L7+00N 3+50E	20
L7+00N 3+75E	20
L7+00N 4+00E	25
L7+00N 4+25E	15

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2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S9919

SAMPLE(S) OF Soil

INVOICE #: 15355
P.O.: R2471

Marco V
Project PUP

REMARKS: Orequest Consultants

	Au ppb
L7+00N 4+50E	40
L7+00N 4+75E	5
L7+00N 5+00E	<5
L7+00N 5+25E	<5
L7+00N 5+50E	10
L3+00N 3+50E	5

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INVOICE TO: Prime-Vancouver

Sep 11/90

SIGNED Bernie Dean



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

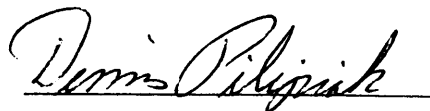
T.S.L. REPORT No. : S - 9919 - 1
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L1+00N 1+25W	L1+00N 1+00W	L1+00N 0+75W	L1+00N 0+50W	L1+00N 0+25W	L1+00N 0+00
Aluminum [Al]	15000	14000	13000	16000	17000	17000
Iron [Fe]	49000	36000	69000	76000	55000	100000
Calcium [Ca]	1900	1400	1100	2500	920	480
Magnesium [Mg]	5400	4100	4900	5200	4100	5500
Sodium [Na]	180	190	60	50	170	30
Potassium [K]	580	840	300	210	540	190
Titanium [Ti]	630	830	1600	1300	1900	2400
Manganese [Mn]	1000	1100	910	1200	740	1300
Phosphorus [P]	1200	1500	2000	1900	1300	1100
Barium [Ba]	50	32	14	9	25	16
Chromium [Cr]	27	11	18	6	18	18
Zirconium [Zr]	7	5	11	12	11	21
Copper [Cu]	140	72	240	120	250	110
Nickel [Ni]	19	6	11	3	10	8
Lead [Pb]	12	15	31	6	19	35
Zinc [Zn]	63	71	65	42	88	55
Vanadium [V]	51	38	54	87	58	56
Strontium [Sr]	24	20	12	26	9	7
Cobalt [Co]	19	13	14	14	9	10
Molybdenum [Mo]	< 2	< 2	< 2	4	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	10	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	27	7	5	5	6	4
Scandium [Sc]	2	1	2	< 1	1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	50	50	30	60
Arsenic [As]	30	5	50	20	25	100
Bismuth [Bi]	< 5	< 5	10	10	< 5	20
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	5	< 5	5	5
Holmium [Ho]	< 10	< 10	10	< 10	< 10	20

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
TELEPHONE #: (306) 931 - 1033
FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6
ATTN: J. FOSTER

PROJECT: PUP OREQUEST CONSULTANTS R-2471

T.S.L. REPORT No. : S - 9919 - 2
T.S.L. File No. : SE14MZ
T.S.L. Invoice No. : 15481

ALL RESULTS PPM

ELEMENT	L1+00N 0+25E	L1+00N 0+50E	L1+00N 0+75E	L1+00N 1+00E	L1+00N 1+25E	L1+00N 1+50E
Aluminum [Al]	18000	14000	14000	14000	16000	15000
Iron [Fe]	36000	37000	31000	31000	34000	31000
Calcium [Ca]	3500	2200	3000	3200	3000	3600
Magnesium [Mg]	6400	4700	5100	4900	5500	4700
Sodium [Na]	60	110	50	70	120	90
Potassium [K]	320	600	550	530	720	560
Titanium [Ti]	830	470	320	320	460	240
Manganese [Mn]	720	1700	1200	1200	1100	1300
Phosphorus [P]	830	770	940	960	840	1000
Barium [Ba]	28	44	37	40	50	42
Chromium [Cr]	32	24	17	15	23	14
Zirconium [Zr]	6	5	4	5	6	5
Copper [Cu]	74	91	47	51	71	50
Nickel [Ni]	17	17	9	9	14	7
Lead [Pb]	7	37	19	17	24	26
Zinc [Zn]	67	240	100	100	120	110
Vanadium [V]	63	46	44	45	58	48
Strontium [Sr]	17	19	20	23	23	32
Cobalt [Co]	14	14	11	11	12	9
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	1	< 1	< 1	< 1	1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	10	7	7	9	10
Scandium [Sc]	3	2	2	2	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	30	40	40	30	30
Arsenic [As]	< 5	< 5	15	40	30	150
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED :

Dennis Piljich

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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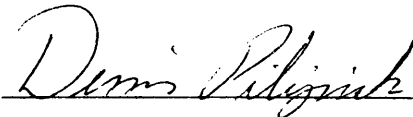
T.S.L. REPORT No. : S - 9919 - 3
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L2+00N 0+75W	L2+00N 0+50W	L2+00N 0+25W	L2+00N 0+00	L2+00N 0+25E	L2+00N 0+50E
Aluminum [Al]	11000	13000	7600	18000	23000	12000
Iron [Fe]	25000	43000	73000	64000	38000	15000
Calcium [Ca]	1000	720	860	340	1400	620
Magnesium [Mg]	2300	2800	2600	2400	6600	1200
Sodium [Na]	1200	250	40	60	110	890
Potassium [K]	1000	590	420	300	330	700
Titanium [Ti]	1100	1100	1000	3400	1100	1400
Manganese [Mn]	670	980	1300	260	260	100
Phosphorus [P]	590	1800	3300	750	780	340
Barium [Ba]	69	24	15	28	19	31
Chromium [Cr]	8	7	2	15	96	10
Zirconium [Zr]	14	8	10	14	5	21
Copper [Cu]	38	51	200	75	62	10
Nickel [Ni]	5	3	3	3	81	4
Lead [Pb]	10	15	20	13	29	14
Zinc [Zn]	51	55	27	35	270	36
Vanadium [V]	21	34	17	130	90	23
Strontium [Sr]	14	16	6	6	9	5
Cobalt [Co]	6	8	23	3	10	1
Molybdenum [Mo]	< 2	20	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	9	5	4	7	8	8
Scandium [Sc]	< 1	< 1	1	< 1	2	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	10
Thorium [Th]	10	20	40	20	10	< 10
Arsenic [As]	< 5	5	65	15	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	10	< 10	10	< 10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9919 - 4
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L2+00N 0+75E	L2+00N 1+00E	L2+00N 1+25E	L2+00N 1+50E	L2+00N 1+75E	L2+00N 2+00E
Aluminum [Al]	29000	20000	16000	18000	18000	14000
Iron [Fe]	31000	35000	20000	44000	26000	16000
Calcium [Ca]	1600	1000	640	580	660	620
Magnesium [Mg]	3100	1800	1100	1700	1900	2300
Sodium [Na]	130	70	90	50	350	320
Potassium [K]	350	480	620	670	670	540
Titanium [Ti]	720	470	210	360	700	1800
Manganese [Mn]	600	2900	420	4200	1100	220
Phosphorus [P]	910	990	430	740	360	410
Barium [Ba]	24	52	47	81	54	24
Chromium [Cr]	51	20	8	11	11	15
Zirconium [Zr]	6	2	2	4	5	10
Copper [Cu]	44	27	8	58	19	15
Nickel [Ni]	21	7	6	3	4	4
Lead [Pb]	14	16	10	38	19	19
Zinc [Zn]	54	60	40	130	68	44
Vanadium [V]	41	36	26	21	46	49
Strontium [Sr]	12	10	7	6	9	8
Cobalt [Co]	6	11	3	17	7	2
Molybdenum [Mo]	< 2	2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	14	19	6	9	7	5
Scandium [Sc]	2	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	10	< 10
Thorium [Th]	< 10	30	< 10	40	< 10	< 10
Arsenic [As]	< 5	< 5	10	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED : Dennis Peliznik

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9919 - 5
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L2+00N 2+25E	L2+00N 2+50E	L3+00N 1+00W	L3+00N 0+75W	L3+00N 0+50W	L3+00N 0+25W
Aluminum [Al]	24000	19000	13000	16000	15000	14000
Iron [Fe]	47000	28000	70000	47000	76000	82000
Calcium [Ca]	2200	1200	1100	960	1300	1100
Magnesium [Mg]	7200	4200	4000	4000	3400	3200
Sodium [Na]	90	750	260	300	130	40
Potassium [K]	420	730	570	520	260	290
Titanium [Ti]	1100	1400	730	1500	830	620
Manganese [Mn]	1300	420	1200	480	2400	3700
Phosphorus [P]	1200	640	1900	1500	1800	3000
Barium [Ba]	44	33	40	28	21	49
Chromium [Cr]	39	23	16	15	7	5
Zirconium [Zr]	8	10	15	8	12	11
Copper [Cu]	180	80	96	85	560	530
Nickel [Ni]	44	15	11	6	4	5
Lead [Pb]	29	11	27	8	5	12
Zinc [Zn]	110	66	52	40	60	59
Vanadium [V]	89	45	40	50	62	16
Strontium [Sr]	15	11	13	20	20	36
Cobalt [Co]	30	11	21	7	24	39
Molybdenum [Mo]	< 2	< 2	< 2	2	< 2	6
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	2
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	9	11	10	6	11	25
Scandium [Sc]	4	2	4	1	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	20	30	30	30	40
Arsenic [As]	< 5	< 5	20	< 5	15	15
Bismuth [Bi]	5	< 5	< 5	< 5	10	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED : Dennis Polijak

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9919 - 6
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L3+00N 0+00	L3+00N 0+25E	L3+00N 0+50E	L3+00N 0+75E	L3+00N 1+00E	L3+00N 1+25E
Aluminum [Al]	9400	15000	16000	16000	13000	15000
Iron [Fe]	54000	47000	77000	48000	46000	44000
Calcium [Ca]	1000	260	3700	560	660	380
Magnesium [Mg]	2500	660	5000	3700	1500	920
Sodium [Na]	60	50	60	580	610	170
Potassium [K]	490	450	280	440	590	400
Titanium [Ti]	540	1200	1700	1400	480	280
Manganese [Mn]	2200	860	970	480	1600	1100
Phosphorus [P]	1800	620	1800	1400	1100	550
Barium [Ba]	24	26	12	15	39	34
Chromium [Cr]	5	10	4	11	9	13
Zirconium [Zr]	6	9	12	10	5	4
Copper [Cu]	170	49	670	61	49	30
Nickel [Ni]	4	3	2	4	4	4
Lead [Pb]	21	12	3	26	27	18
Zinc [Zn]	110	55	42	39	81	73
Vanadium [V]	15	58	76	33	16	31
Strontium [Sr]	14	6	120	6	6	6
Cobalt [Co]	16	5	21	6	7	7
Molybdenum [Mo]	< 2	< 2	< 2	< 2	4	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	13	6	5	11	8	5
Scandium [Sc]	1	< 1	1	2	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	40	30	40	40
Arsenic [As]	95	25	35	20	70	10
Bismuth [Bi]	< 5	< 5	10	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED :

Dennis Pilgrink

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6


T.S.L. REPORT No. : S - 9919 - 7
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L3+00N 1+50E	L3+00N 1+75E	L3+00N 2+00E	L3+00N 2+25E	L3+00N 2+50E	L3+00N 2+75E
Aluminum [Al]	4300	15000	21000	28000	22000	25000
Iron [Fe]	18000	30000	70000	41000	57000	61000
Calcium [Ca]	280	520	1000	1000	1800	1200
Magnesium [Mg]	310	1800	6400	4500	6900	6500
Sodium [Na]	220	210	180	80	50	100
Potassium [K]	500	470	440	200	460	620
Titanium [Ti]	670	1100	1100	1600	890	1500
Manganese [Mn]	290	180	1600	490	1700	1300
Phosphorus [P]	370	390	1600	470	1200	1500
Barium [Ba]	21	27	24	22	35	33
Chromium [Cr]	13	16	52	55	47	52
Zirconium [Zr]	5	7	13	9	9	10
Copper [Cu]	9	15	200	46	140	230
Nickel [Ni]	4	4	66	27	55	55
Lead [Pb]	9	24	30	14	35	20
Zinc [Zn]	27	36	120	55	180	120
Vanadium [V]	19	66	72	110	75	87
Strontium [Sr]	3	7	7	9	15	12
Cobalt [Co]	3	2	50	10	39	40
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	5	< 5
Yttrium [Y]	2	6	16	9	10	15
Scandium [Sc]	< 1	< 1	6	2	4	7
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	20	40	20	30	30
Arsenic [As]	10	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	10	< 5	5	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9919 - 8
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L3+00N 3+00E	L3+00N 3+25E	L4+00N 0+75W	L4+00N 0+50W	L4+00N 0+25W	L4+00N 0+00
Aluminum [Al]	26000	21000	9900	13000	11000	31000
Iron [Fe]	44000	35000	78000	42000	63000	75000
Calcium [Ca]	1200	1600	1400	1500	680	440
Magnesium [Mg]	5800	5200	4000	2900	2700	3500
Sodium [Na]	130	390	90	940	330	60
Potassium [K]	510	590	280	790	390	250
Titanium [Ti]	2000	1600	1300	1300	1900	1200
Manganese [Mn]	1300	620	1100	680	810	1400
Phosphorus [P]	1100	750	2900	990	1500	3000
Barium [Ba]	31	39	13	43	19	14
Chromium [Cr]	33	24	5	11	22	7
Zirconium [Zr]	9	8	14	12	14	13
Copper [Cu]	71	67	140	78	68	210
Nickel [Ni]	19	17	2	7	6	8
Lead [Pb]	12	12	13	5	18	4
Zinc [Zn]	82	80	38	42	34	34
Vanadium [V]	92	63	42	27	40	40
Strontium [Sr]	14	16	27	18	14	15
Cobalt [Co]	22	15	21	7	10	34
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	26
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	7	10	5	7	5	5
Scandium [Sc]	3	2	2	1	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	40	20	30	30
Arsenic [As]	< 5	< 5	35	< 5	10	< 5
Bismuth [Bi]	< 5	< 5	5	< 5	< 5	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	10	< 10

DATE : SEP-14-1990

SIGNED : Dennis Pilysick

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

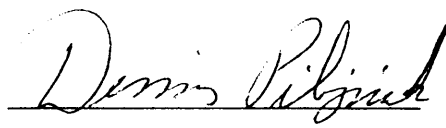
T.S.L. REPORT No. : 5 - 9919 - 9
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L4+00N 0+25E	L4+00N 0+50E	L4+00N 0+75E	L4+00N 1+00E	L4+00N 1+50E	L4+00N 1+75E
Aluminum [Al]	16000	6000	10000	11000	17000	20000
Iron [Fe]	27000	25000	37000	46000	65000	88000
Calcium [Ca]	1100	580	1100	300	520	860
Magnesium [Mg]	2800	1400	700	720	2700	3600
Sodium [Na]	200	200	280	120	290	280
Potassium [K]	580	660	470	420	540	470
Titanium [Ti]	2300	2300	650	3000	1200	780
Manganese [Mn]	190	370	250	1100	2600	3900
Phosphorus [P]	810	730	830	1000	1400	1500
Barium [Ba]	19	24	16	25	30	27
Chromium [Cr]	38	44	42	8	12	11
Zirconium [Zr]	9	8	6	14	10	14
Copper [Cu]	28	55	80	22	150	420
Nickel [Ni]	14	18	17	3	6	12
Lead [Pb]	22	10	14	28	110	880
Zinc [Zn]	39	39	31	36	180	500
Vanadium [V]	64	49	24	63	29	29
Strontium [Sr]	18	11	8	4	6	7
Cobalt [Co]	3	4	3	5	20	48
Molybdenum [Mo]	< 2	2	< 2	< 2	4	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	5
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	2	6	4	11	11
Scandium [Sc]	< 1	< 1	< 1	< 1	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	10	< 10	< 10	< 10
Thorium [Th]	20	< 10	10	30	30	40
Arsenic [As]	< 5	5	< 5	10	45	55
Bismuth [Bi]	< 5	< 5	< 5	< 5	10	25
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9919 - 10
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L4+00N 2+00E	L4+00N 2+25E	L4+00N 2+50E	L4+00N 2+75E	L4+00N 3+00E	L4+00N 3+25E
Aluminum [Al]	24000	18000	20000	23000	21000	29000
Iron [Fe]	42000	48000	78000	40000	55000	60000
Calcium [Ca]	800	580	2800	1400	1100	1500
Magnesium [Mg]	3100	2400	5400	4700	6000	4700
Sodium [Na]	90	270	100	250	470	80
Potassium [K]	210	430	460	540	550	340
Titanium [Ti]	1300	820	360	1300	1200	1900
Manganese [Mn]	290	1500	3500	970	1000	520
Phosphorus [P]	380	850	1700	850	930	550
Barium [Ba]	24	31	70	51	33	32
Chromium [Cr]	56	18	31	40	33	38
Zirconium [Zr]	7	8	12	5	12	14
Copper [Cu]	46	110	260	79	230	79
Nickel [Ni]	15	8	30	23	41	25
Lead [Pb]	52	150	80	35	15	6
Zinc [Zn]	67	270	500	150	99	67
Vanadium [V]	100	48	68	80	55	80
Strontium [Sr]	8	6	27	13	14	12
Cobalt [Co]	5	17	65	16	38	15
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	4	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	14	21	12	11	10
Scandium [Sc]	2	< 1	3	2	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	10	< 10	< 10	< 10	< 10
Thorium [Th]	10	20	50	20	40	20
Arsenic [As]	< 5	15	65	15	10	< 5
Bismuth [Bi]	< 5	< 5	15	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED :

Dennis Piljnick

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

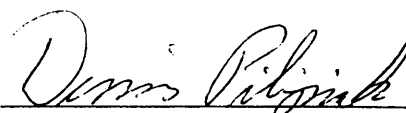
T.S.L. REPORT No. : S - 9919 - 11
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L4+00N 3+50E	L4+00N 3+75E	L5+00N 0+50W	L5+00N 0+25W	L5+00N 0+00	L5+00N 0+25E
Aluminum [Al]	14000	20000	17000	22000	19000	14000
Iron [Fe]	19000	50000	39000	47000	55000	61000
Calcium [Ca]	700	1400	3500	1500	2600	1100
Magnesium [Mg]	2500	4700	5800	5300	5700	4500
Sodium [Na]	540	310	260	100	120	60
Potassium [K]	790	330	740	690	770	780
Titanium [Ti]	690	1200	790	1200	1100	1500
Manganese [Mn]	460	1500	1700	1100	1900	1200
Phosphorus [P]	510	710	1300	1300	1600	2400
Barium [Ba]	50	20	130	54	98	31
Chromium [Cr]	12	13	41	37	35	30
Zirconium [Zr]	6	9	8	5	6	9
Copper [Cu]	26	80	110	160	170	250
Nickel [Ni]	6	15	29	18	24	15
Lead [Pb]	18	4	11	11	11	6
Zinc [Zn]	61	81	95	70	85	51
Vanadium [V]	32	63	64	82	75	46
Strontium [Sr]	7	16	66	34	47	12
Cobalt [Co]	4	35	19	18	24	19
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	6	14	9	12	6
Scandium [Sc]	< 1	< 1	4	3	4	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	30	40	30	30	30
Arsenic [As]	< 5	< 5	25	< 5	35	5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

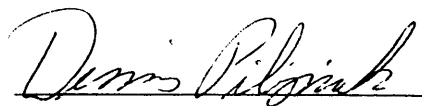
T.S.L. REPORT No. : S - 9919 - 12
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L5+00N 0+50E	L5+00N 0+75E	L5+00N 1+00E	L5+00N 1+25E	L5+00N 1+50E	L5+00N 1+75E
Aluminum [Al]	10000	8300	9000	14000	15000	16000
Iron [Fe]	69000	84000	80000	17000	28000	37000
Calcium [Ca]	1000	1000	980	700	800	2100
Magnesium [Mg]	4000	4000	4000	1300	2300	7300
Sodium [Na]	150	160	160	1300	1000	120
Potassium [K]	360	330	340	930	820	240
Titanium [Ti]	1800	2000	1900	1100	1100	940
Manganese [Mn]	370	490	520	170	400	250
Phosphorus [P]	2300	2500	2600	300	490	880
Barium [Ba]	24	33	31	23	42	16
Chromium [Cr]	13	7	7	7	14	130
Zirconium [Zr]	13	18	15	35	16	4
Copper [Cu]	160	210	220	17	38	92
Nickel [Ni]	8	3	3	4	7	110
Lead [Pb]	11	14	19	10	16	6
Zinc [Zn]	35	36	36	33	47	70
Vanadium [V]	61	70	63	16	31	97
Strontium [Sr]	26	26	25	5	7	8
Cobalt [Co]	8	9	9	1	3	11
Molybdenum [Mo]	16	8	8	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	5
Yttrium [Y]	4	3	4	10	10	7
Scandium [Sc]	4	4	4	< 1	< 1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	10	10	< 10
Thorium [Th]	30	50	40	< 10	60	< 10
Arsenic [As]	< 5	20	20	< 5	< 5	< 5
Bismuth [Bi]	< 5	10	10	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	20	20	< 10	< 10	10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9919 - 13
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L5+00N 2+00E	L5+00N 2+25E	L5+00N 2+50E	L5+00N 2+75E	L5+00N 3+00E	L5+00N 3+25E
Aluminum [Al]	26000	18000	18000	21000	15000	17000
Iron [Fe]	78000	28000	49000	67000	50000	26000
Calcium [Ca]	920	600	1300	1200	960	400
Magnesium [Mg]	4900	2900	4700	5700	4200	2100
Sodium [Na]	60	190	110	310	260	200
Potassium [K]	260	370	350	370	470	450
Titanium [Ti]	1600	2500	1700	1000	690	780
Manganese [Mn]	2000	320	400	1500	2000	410
Phosphorus [P]	1300	430	560	1400	1300	380
Barium [Ba]	20	22	18	25	29	34
Chromium [Cr]	68	51	52	22	15	13
Zirconium [Zr]	14	11	10	12	6	5
Copper [Cu]	260	29	37	160	140	30
Nickel [Ni]	37	22	24	21	20	6
Lead [Pb]	33	19	8	20	39	26
Zinc [Zn]	110	49	47	68	170	55
Vanadium [V]	66	77	93	68	35	53
Strontium [Sr]	22	9	11	15	9	6
Cobalt [Co]	66	6	8	46	23	4
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	5	5	13	10	4
Scandium [Sc]	1	< 1	1	3	2	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	< 10	30	50	30	10
Arsenic [As]	75	< 5	< 5	30	15	< 5
Bismuth [Bi]	10	< 5	< 5	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED :

Dennis Piljinski

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

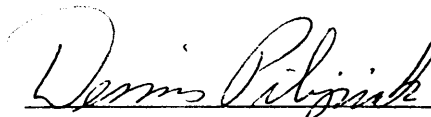
T.S.L. REPORT No. : S - 9919 - 14
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L5+00N 3+50E	L5+00N 3+75E	L5+00N 4+00E	L5+00N 4+25E	L6+00N 0+50E	L6+00N 0+75E
Aluminum [Al]	18000	23000	12000	29000	9100	15000
Iron [Fe]	28000	73000	25000	40000	18000	64000
Calcium [Ca]	1100	1900	1000	1000	1400	1500
Magnesium [Mg]	2700	6500	3100	4600	2000	4100
Sodium [Na]	560	140	780	120	2900	330
Potassium [K]	720	730	860	340	1800	580
Titanium [Ti]	630	1200	1600	3500	1400	1400
Manganese [Mn]	1400	1600	550	940	300	310
Phosphorus [P]	670	1600	570	440	190	1900
Barium [Ba]	77	50	25	25	50	22
Chromium [Cr]	11	38	21	22	10	14
Zirconium [Zr]	8	15	12	18	55	12
Copper [Cu]	42	270	26	35	63	100
Nickel [Ni]	7	63	12	8	8	7
Lead [Pb]	35	31	13	10	6	17
Zinc [Zn]	100	110	51	64	100	45
Vanadium [V]	28	67	40	84	15	58
Strontium [Sr]	11	18	11	18	11	33
Cobalt [Co]	10	49	8	9	3	8
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	< 1	< 1	< 1	2	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	10	< 5	< 5	< 5	< 5
Yttrium [Y]	13	30	6	8	14	7
Scandium [Sc]	< 1	8	< 1	2	< 1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	20	< 10	10	< 10	< 10	< 10
Thorium [Th]	50	40	30	20	< 10	40
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	10
Bismuth [Bi]	< 5	15	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9919 - 15
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

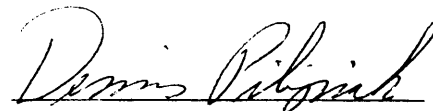
ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L6+00N 1+00E	L6+00N 1+25E	L6+00N 1+75E	L6+00N 2+00E	L6+00N 2+25E	L6+00N 2+50E
Aluminum [Al]	14000	13000	22000	19000	9900	23000
Iron [Fe]	68000	110000	110000	85000	27000	34000
Calcium [Ca]	1100	740	1100	880	580	2100
Magnesium [Mg]	4700	4600	5500	3700	2200	6000
Sodium [Na]	230	50	130	190	410	210
Potassium [K]	880	280	260	460	600	330
Titanium [Ti]	1200	1700	1300	960	2100	910
Manganese [Mn]	1000	1100	1600	2100	630	410
Phosphorus [P]	1900	3500	1500	1300	440	590
Barium [Ba]	28	15	15	26	23	23
Chromium [Cr]	26	8	9	9	40	110
Zirconium [Zr]	12	18	20	14	14	4
Copper [Cu]	570	300	190	180	19	58
Nickel [Ni]	15	4	6	5	15	73
Lead [Pb]	23	40	110	57	18	7
Zinc [Zn]	51	130	170	110	42	47
Vanadium [V]	51	37	53	40	62	100
Strontium [Sr]	22	18	17	18	8	13
Cobalt [Co]	17	23	28	27	7	11
Molybdenum [Mo]	4	8	6	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	5
Yttrium [Y]	8	4	9	9	4	7
Scandium [Sc]	4	2	2	1	< 1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	60	50	40	20	< 10
Arsenic [As]	15	75	110	75	10	< 5
Bismuth [Bi]	10	25	25	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	20	20	10	< 10	10

DATE : SEP-14-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

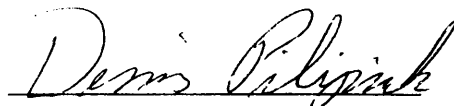
T.S.L. REPORT No. : 5 - 9919 - 16
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L6+00N 2+75E	L6+00N 3+00E	L6+00N 3+25E	L6+00N 3+50E	L6+00N 3+75E	L6+00N 4+00E
Aluminum [Al]	20000	18000	23000	21000	18000	27000
Iron [Fe]	55000	55000	28000	29000	29000	42000
Calcium [Ca]	2600	1500	1800	2200	1700	3200
Magnesium [Mg]	4800	5000	4500	4600	3100	5900
Sodium [Na]	260	480	150	370	510	370
Potassium [K]	930	800	460	580	1000	960
Titanium [Ti]	1700	1200	1400	1500	740	1100
Manganese [Mn]	1500	1000	270	420	2800	2400
Phosphorus [P]	1400	1300	590	580	970	1100
Barium [Ba]	55	39	32	37	120	99
Chromium [Cr]	39	24	53	50	13	41
Zirconium [Zr]	8	9	4	8	3	8
Copper [Cu]	130	180	39	39	50	140
Nickel [Ni]	28	20	18	27	7	39
Lead [Pb]	25	24	15	14	36	37
Zinc [Zn]	92	70	54	61	100	230
Vanadium [V]	57	50	100	81	32	73
Strontium [Sr]	24	14	17	20	49	31
Cobalt [Co]	17	21	6	8	8	27
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	2	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	31	14	6	8	18	17
Scandium [Sc]	4	3	2	2	1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	20	30	40	20
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : 5 - 9919 - 17
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L6+00N 4+25E	L6+00N 4+50E	L6+00N 4+75E	L6+00N 5+00E	L7+00N 0+50E	L7+00N 0+75E
Aluminum [Al]	30000	18000	23000	26000	12000	10000
Iron [Fe]	41000	17000	29000	54000	17000	81000
Calcium [Ca]	3600	1200	1500	2600	1100	1100
Magnesium [Mg]	5300	2400	4500	4800	1800	1200
Sodium [Na]	330	760	800	250	2800	260
Potassium [K]	780	620	820	930	1900	410
Titanium [Ti]	1600	1700	2000	800	1200	2000
Manganese [Mn]	1400	210	470	2100	240	1500
Phosphorus [P]	1100	410	570	1700	290	1900
Barium [Ba]	54	30	41	64	23	22
Chromium [Cr]	38	22	25	18	8	9
Zirconium [Zr]	9	14	11	7	60	15
Copper [Cu]	100	22	45	150	38	470
Nickel [Ni]	36	6	15	13	6	4
Lead [Pb]	13	13	11	62	8	98
Zinc [Zn]	150	50	77	170	48	85
Vanadium [V]	75	53	71	73	16	33
Strontium [Sr]	28	12	18	23	9	13
Cobalt [Co]	22	3	9	21	2	14
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	8
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	1	1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	16	9	12	27	11	8
Scandium [Sc]	3	1	2	3	< 1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	10	< 10
Thorium [Th]	40	< 10	30	40	< 10	50
Arsenic [As]	20	< 5	< 5	< 5	< 5	40
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	20

DATE : SEP-14-1990

SIGNED : *Dennis Piljnick*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

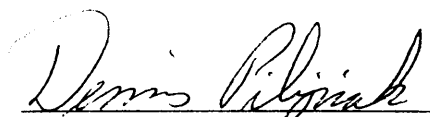
T.S.L. REPORT No. : S - 9919 - 18
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L7+00N 1+00E	L7+00N 1+25E	L7+00N 1+75E	L7+00N 2+00E	L7+00N 2+25E	L7+00N 2+50E
Aluminum [Al]	11000	26000	14000	13000	14000	9900
Iron [Fe]	22000	72000	51000	54000	57000	16000
Calcium [Ca]	1000	4900	2800	860	1100	740
Magnesium [Mg]	1600	7600	2800	2400	2900	1500
Sodium [Na]	2500	150	200	210	260	90
Potassium [K]	1700	4600	280	410	500	320
Titanium [Ti]	1300	2000	1400	1100	1300	1200
Manganese [Mn]	230	1500	640	280	320	100
Phosphorus [P]	380	2700	1800	1400	1500	750
Barium [Ba]	31	78	13	21	23	14
Chromium [Cr]	8	20	24	13	16	54
Zirconium [Zr]	70	15	8	9	10	4
Copper [Cu]	20	380	150	240	260	110
Nickel [Ni]	5	7	7	9	10	15
Lead [Pb]	11	17	16	7	6	11
Zinc [Zn]	45	95	43	33	38	27
Vanadium [V]	16	100	68	34	38	67
Strontium [Sr]	5	100	43	12	16	8
Cobalt [Co]	2	31	9	7	8	2
Molybdenum [Mo]	2	< 2	6	6	6	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	< 5	< 5
Yttrium [Y]	10	9	5	5	6	4
Scandium [Sc]	< 1	3	2	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	20	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	60	30	30	30	< 10
Arsenic [As]	< 5	< 5	25	10	10	< 5
Bismuth [Bi]	< 5	20	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	10	< 10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

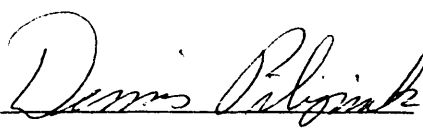
T.S.L. REPORT No. : S - 9919 - 19
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

ALL RESULTS PPM

ELEMENT	L7+00N 2+75E	L7+00N 3+00E	L7+00N 3+25E	L7+00N 3+50E	L7+00N 3+75E	L7+00N 4+00E
Aluminum [Al]	17000	21000	18000	18000	20000	20000
Iron [Fe]	50000	37000	34000	29000	33000	35000
Calcium [Ca]	1900	2200	3300	1200	2100	1300
Magnesium [Mg]	6100	6100	6000	3100	4400	3600
Sodium [Na]	140	220	150	540	260	170
Potassium [K]	480	500	510	720	370	520
Titanium [Ti]	1600	1300	1300	1200	1300	2400
Manganese [Mn]	410	430	670	830	260	230
Phosphorus [P]	1300	830	890	780	530	500
Barium [Ba]	26	50	44	35	23	24
Chromium [Cr]	72	73	82	16	58	38
Zirconium [Zr]	9	7	7	7	8	13
Copper [Cu]	250	120	69	35	37	40
Nickel [Ni]	60	51	57	7	19	13
Lead [Pb]	8	11	10	39	9	15
Zinc [Zn]	55	65	68	58	43	47
Vanadium [V]	81	89	92	49	120	97
Strontium [Sr]	16	18	24	18	15	10
Cobalt [Co]	15	17	14	7	6	5
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	5	5	< 5	< 5	< 5	< 5
Yttrium [Y]	8	9	9	10	6	6
Scandium [Sc]	4	3	4	1	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	20	10	40	20	20
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	10	10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9919 - 20
 T.S.L. File No. : SE14MZ
 T.S.L. Invoice No. : 15481

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2471

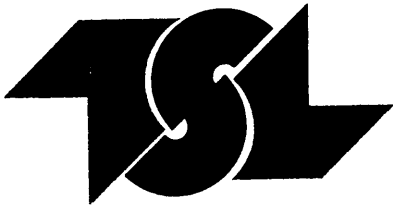
ALL RESULTS PPM

ELEMENT	L7+00N 4+25E	L7+00N 4+75E	L7+00N 5+00E	L7+00N 5+25E	L7+00N 5+50E	L3+00N 3+50E
Aluminum [Al]	21000	21000	20000	16000	27000	19000
Iron [Fe]	51000	30000	23000	19000	63000	34000
Calcium [Ca]	1800	1800	1100	580	2200	2700
Magnesium [Mg]	6300	4600	2200	1800	3000	5900
Sodium [Na]	310	510	230	620	90	140
Potassium [K]	620	730	710	550	640	290
Titanium [Ti]	1100	1200	710	1300	780	1100
Manganese [Mn]	1500	600	360	170	1900	450
Phosphorus [P]	1300	980	450	410	1300	760
Barium [Ba]	39	47	53	39	51	32
Chromium [Cr]	42	32	27	11	30	100
Zirconium [Zr]	10	6	4	13	8	6
Copper [Cu]	410	67	24	13	66	60
Nickel [Ni]	78	20	10	6	10	65
Lead [Pb]	65	92	24	11	25	9
Zinc [Zn]	180	180	58	41	100	53
Vanadium [V]	56	66	57	50	45	120
Strontium [Sr]	15	16	10	6	17	15
Cobalt [Co]	47	16	4	3	21	12
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	17	13	7	7	14	7
Scandium [Sc]	4	2	< 1	< 1	1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	10	< 10	< 10
Thorium [Th]	40	30	< 10	< 10	30	< 10
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-14-1990

SIGNED :

Dennis Piljinsk



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver. B.C.
V6C 2X6

✓
REPORT No.
S9918

SAMPLE(S) OF Soils

INVOICE #: 15386
P.O.: R2470

Marco V.
Project: Pup

REMARKS: OreQuest Consultants

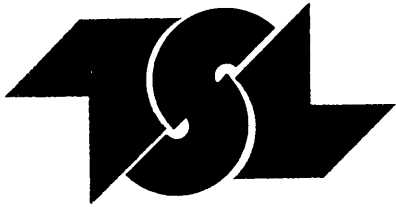
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L8+00N 0+75E	570
L8+00N 1+00E	110
L8+00N 1+25E	5
L8+00N 1+50E	35
L8+00N 1+75E	65
L8+00N 2+00E	75
L8+00N 2+25E	70
L8+00N 2+50E	50
L8+00N 2+75E	20
L8+00N 3+00E	15
L8+00N 3+25E	10
L8+00N 3+50E	25
L8+00N 3+75E	45
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L8+00N 4+50E	<5
L8+00N 4+75E	15
L8+00N 5+00E	10
L8+00N 5+25E	15

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INVOICE TO: Prime - Vancouver

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REPORT No.
S9918

INVOICE #: 15386
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SAMPLE(S) OF Soils

Marco V.
Project: Pup

REMARKS: OreQuest Consultants

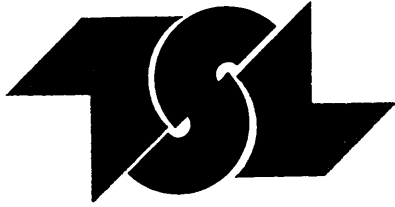
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L8+00N 5+50E	20
L8+00N 5+75E	20
L8+00N 6+00E	20
L9+00N 1+00E	25
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L9+00N 1+50E	15
L9+00N 1+75E	300
L9+00N 2+00E	100
L9+00N 2+25E	65
L9+00N 2+50E	80
L9+00N 2+75E	20
L9+00N 3+00E	10
L9+00N 3+25E	<5
L9+00N 3+50E	5
L9+00N 3+75E	5
L9+00N 4+00E	<5
L9+00N 4+25E	10
L9+00N 4+50E	<5
L9+00N 4+75E	<5
L9+00N 5+00E	<5

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SASKATOON, SASKATCHEWAN
S7K 6A4

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10th Floor, Box 10-808 West Hastings St.
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V6C 2X6

REPORT No.
S9918

SAMPLE(S) OF Soils

INVOICE #: 15386
P.O.: R2470

Marco V.
Project: Pup

REMARKS: OreQuest Consultants

	Au ppb
L9+00N 5+25E	<5
L9+00N 5+50E	<5
L9+00N 5+75E	<5
L9+00N 6+00E	<5
L9+00N 6+25E	<5
L10+00N 1+00E	65
L10+00N 1+25E	120
L10+00N 1+50E	80
L10+00N 1+75E	30
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L10+00N 2+75E	20
L10+00N 3+00E	10
L10+00N 3+25E	<5
L10+00N 3+50E	<5
L10+00N 3+75E	<5
L10+00N 4+00E	5
L10+00N 4+25E	<5
L10+00N 4+50E	<5

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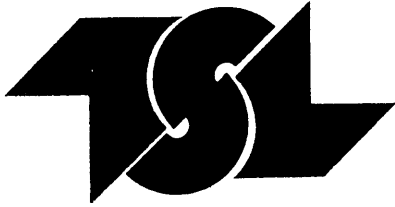
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Page 3 of 6

For enquiries on this report, please contact Customer Service Department.
Samples, Pulps and Rejects discarded two months from the date of this report.





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2 - 302 - 48th STREET, EAST
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S7K 6A4

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver. B.C.
V6C 2X6

REPORT No.
S9918

SAMPLE(S) OF Soils

INVOICE #: 15386
P.O.: R2470

Marco V.
Project: Pup

REMARKS: OreQuest Consultants

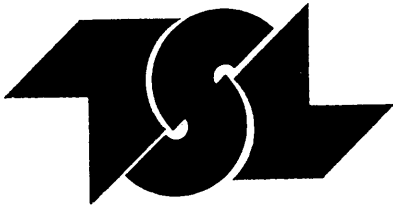
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L10+00N 4+75E	15
L10+00N 5+00E	5
L10+00N 5+25E	5
L10+00N 5+50E	<5
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L10+00N 6+00E	10
L10+00N 6+25E	<5
L11+00N 0+25W	180
L11+00N 0+00	160
L11+00N 0+25E	20
L11+00N 0+50E	130
L11+00N 0+75E	10
L11+00N 1+00E	5
L11+00N 1+25E	95
L11+00N 1+50E	160
L11+00N 1+75E	45
L11+00N 2+00E	5
L11+00N 2+25E	90
L11+00N 2+50E	10
L11+00N 2+75E	45

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S7K 6A4

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REPORT No.
S9918

SAMPLE(S) OF Soils

INVOICE #: 15386
P.O.: R2470

Marco V.
Project: Pup

REMARKS: OreQuest Consultants

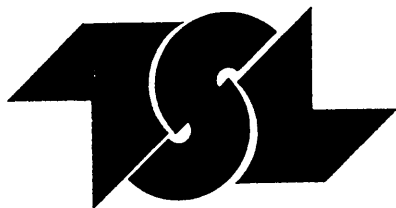
	Au ppb
L11+00N 3+00E	10
L11+00N 3+25E	65
L11+00N 3+50E	5
L11+00N 3+75E	15
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L12+00N 0+25W	5
L12+00N 0+00	<5
L12+00N 0+25E	260
L12+00N 0+50E	50
L12+00N 0+75E	15

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SAMPLE(S) FROM Prime Exploration Ltd.
10th Floor, Box 10-808 West Hastings St.
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V6C 2X6

REPORT No.
S9918

SAMPLE(S) OF Soils

INVOICE #: 15386

P.O.: R2470

Marco V.
Project: Pup

REMARKS: OreQuest Consultants

	Au ppb
L12+00N 1+00E	30
L12+00N 1+25E	50
L12+00N 1+50E	40
L12+00N 1+75E	20
L12+00N 2+00E	120
L12+00N 2+25E	45
L12+00N 2+50E	15
L13+00N 0+50E	75
L13+00N 0+75E	10
L13+00N 1+00E	10
L13+00N 1+25E	15
L13+00N 1+50E	10

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 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

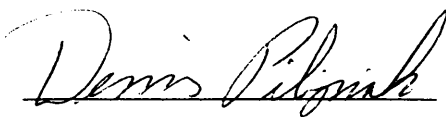
PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9918 - 1
 T.S.L. File No. : M7985
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R02470 ALL RESULTS PPM

ELEMENT	LB+00N 0+50E	LB+00N 0+75E	LB+00N 1+00E	LB+00N 1+25E	LB+00N 1+50E	LB+00N 1+75E
Aluminum [Al]	19150	13620	20000	21060	11350	15710
Iron [Fe]	40910	53210	33600	29480	17890	42070
Calcium [Ca]	1360	960	860	1200	890	2060
Magnesium [Mg]	4610	3330	3200	4070	1680	5040
Sodium [Na]	350	380	70	290	740	400
Potassium [K]	790	600	250	660	780	900
Titanium [Ti]	1472	946	1240	2041	1252	979
Manganese [Mn]	533	666	177	231	138	629
Phosphorus [P]	996	1278	498	618	484	1260
Barium [Ba]	33	24	21	26	23	36
Chromium [Cr]	22	19	27	19	9	32
Zirconium [Zr]	5	4	6	8	12	4
Copper [Cu]	320	741	338	140	36	430
Nickel [Ni]	40	36	21	15	10	27
Lead [Pb]	25	21	19	18	16	20
Zinc [Zn]	72	70	43	46	36	59
Vanadium [V]	52	26	56	62	23	52
Strontium [Sr]	16	10	10	14	8	18
Cobalt [Co]	10	13	4	5	2	14
Molybdenum [Mo]	4	14	4	2	2	12
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	10	10	6	7	7	11
Scandium [Sc]	2	2	1	1	< 1	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	10	20	< 10	20
Arsenic [As]	10	20	20	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

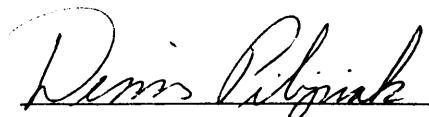
T.S.L. REPORT No. : S - 9918 - 2
 T.S.L. File No. : M-7985
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	LB+00N 2+00E	LB+00N 2+25E	LB+00N 2+50E	LB+00N 2+75E	LB+00N 3+00E	LB+00N 3+25E
Aluminum [Al]	20370	24120	16190	23380	13820	13180
Iron [Fe]	78040	73820	37210	22790	40650	18630
Calcium [Ca]	1220	900	1340	2220	860	680
Magnesium [Mg]	5230	3870	4560	5280	1220	1270
Sodium [Na]	150	140	410	130	310	1230
Potassium [K]	290	250	570	450	460	920
Titanium [Ti]	1707	1025	1356	1710	522	1014
Manganese [Mn]	686	675	335	226	1681	466
Phosphorus [P]	1504	928	920	706	698	256
Barium [Ba]	18	19	25	42	23	35
Chromium [Cr]	9	20	46	80	8	8
Zirconium [Zr]	8	9	3	2	6	49
Copper [Cu]	286	415	100	56	38	8
Nickel [Ni]	7	20	27	40	3	4
Lead [Pb]	34	20	16	21	25	15
Zinc [Zn]	50	44	56	59	59	37
Vanadium [V]	39	27	62	73	10	12
Strontium [Sr]	12	6	14	14	6	4
Cobalt [Co]	10	18	8	8	13	3
Molybdenum [Mo]	12	4	2	< 2	4	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	1	1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	9	9	9	6	9
Scandium [Sc]	2	1	2	2	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	10	20
Thorium [Th]	40	40	20	< 10	60	< 10
Arsenic [As]	30	25	10	< 5	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER


T.S.L. REPORT No. : S - 9918 - 3
 T.S.L. File No. : M-7985
 T.S.L. Invoice No. : 15482

PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	LB+00N 3+50E	LB+00N 3+75E	LB+00N 4+00E	LB+00N 4+25E	LB+00N 4+75E	LB+00N 5+00E
Aluminum [Al]	17090	19340	16520	18780	19460	14800
Iron [Fe]	33070	41480	18910	30090	29290	22490
Calcium [Ca]	1040	1700	620	1400	1720	2060
Magnesium [Mg]	4450	3590	2080	4580	5040	4680
Sodium [Na]	460	340	70	570	100	800
Potassium [K]	560	470	300	790	360	730
Titanium [Ti]	1176	1314	812	889	957	1347
Manganese [Mn]	862	936	185	705	269	286
Phosphorus [P]	798	636	302	914	646	530
Barium [Ba]	27	41	26	56	25	38
Chromium [Cr]	45	32	32	26	56	45
Zirconium [Zr]	6	7	3	2	2	6
Copper [Cu]	62	69	14	100	41	46
Nickel [Ni]	31	26	11	22	29	30
Lead [Pb]	27	30	17	29	15	13
Zinc [Zn]	61	103	31	142	58	57
Vanadium [V]	46	36	58	47	82	61
Strontium [Sr]	9	15	8	12	13	14
Cobalt [Co]	16	19	3	13	8	9
Molybdenum [Mo]	< 2	< 2	2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	9	4	12	7	10
Scandium [Sc]	< 1	< 1	< 1	2	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	< 10	30	20	20
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

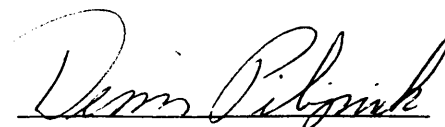
T.S.L. REPORT No. : S - 9918 - 4
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2470 ALL RESULTS PPM

ELEMENT	LB+00N 5+25E	LB+00N 5+50E	LB+00N 5+75E	LB+00N 6+00E	L9+00N 1+00E	L9+00N 1+25E
Aluminum [Al]	21150	17230	19830	19040	15910	18150
Iron [Fe]	56440	32310	24390	30770	19090	40150
Calcium [Ca]	1440	1900	1020	900	760	540
Magnesium [Mg]	6380	4810	3810	3160	1840	9820
Sodium [Na]	220	330	360	340	690	170
Potassium [K]	430	700	560	400	560	330
Titanium [Ti]	1296	1240	1300	2241	1407	1083
Manganese [Mn]	1284	676	445	303	115	870
Phosphorus [P]	1158	994	552	502	500	554
Barium [Ba]	27	34	37	25	21	16
Chromium [Cr]	41	37	35	23	21	308
Zirconium [Zr]	7	5	5	9	10	3
Copper [Cu]	252	74	47	36	94	126
Nickel [Ni]	52	30	21	10	5	370
Lead [Pb]	23	27	19	20	17	10
Zinc [Zn]	109	97	57	53	46	59
Vanadium [V]	71	57	46	60	40	51
Strontium [Sr]	10	16	9	10	8	10
Cobalt [Co]	40	13	8	5	1	43
Molybdenum [Mo]	< 2	< 2	< 2	2	6	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Baron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	< 5	10
Yttrium [Y]	14	9	10	9	13	5
Scandium [Sc]	5	3	2	2	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	20	20	20	< 10	< 10
Arsenic [As]	5	15	5	5	5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	70

DATE : SEP-16-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

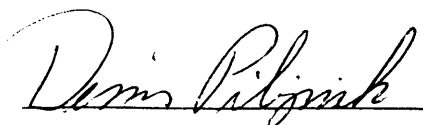
PROJECT: PUP DREQUEST CONSULTANTS R-2470

T.S.L. REPORT No. : S - 9918 - 5
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ALL RESULTS PPM

ELEMENT	L9+00N 1+50E	L9+00N 1+75E	L9+00N 2+00E	L9+00N 2+25E	L9+00N 2+50E	L9+00N 2+75E
Aluminum [Al]	16290	14350	15340	14530	20880	9760
Iron [Fe]	19850	50850	38560	52210	49600	59930
Calcium [Ca]	760	2280	1700	960	1520	2320
Magnesium [Mg]	2840	3250	4290	4760	4940	2760
Sodium [Na]	760	250	400	350	290	100
Potassium [K]	790	530	790	530	470	360
Titanium [Ti]	1245	1375	944	1669	1623	236
Manganese [Mn]	135	361	858	1096	578	1737
Phosphorus [P]	438	1556	1104	1262	1410	1710
Barium [Ba]	25	23	42	21	25	32
Chromium [Cr]	21	23	23	38	25	11
Zirconium [Zr]	10	4	4	6	5	3
Copper [Cu]	25	550	334	293	160	164
Nickel [Ni]	14	22	20	30	13	8
Lead [Pb]	30	21	21	13	23	21
Zinc [Zn]	44	40	77	44	59	53
Vanadium [V]	29	48	46	44	80	10
Strontium [Sr]	9	45	22	15	48	19
Cobalt [Co]	3	15	14	23	10	17
Molybdenum [Mo]	2	4	8	6	34	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	11	7	11	10	8	14
Scandium [Sc]	< 1	2	3	2	2	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	30	30	30	30	40
Arsenic [As]	< 5	15	25	< 5	30	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : 5 - 9918 - 6
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

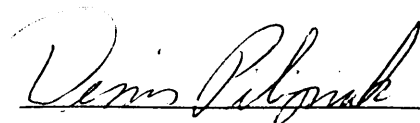
ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L9+00N 3+00E	L9+00N 3+25E	L9+00N 3+50E	L9+00N 3+75E	L9+00N 4+00E	L9+00N 4+25E
Aluminum [Al]	15770	12760	15190	18220	17690	19410
Iron [Fe]	53810	19610	25550	25750	28150	34230
Calcium [Ca]	1360	820	1160	1500	960	2120
Magnesium [Mg]	2430	1770	4120	4520	3250	4380
Sodium [Na]	270	1320	310	210	290	450
Potassium [K]	450	960	420	370	430	580
Titanium [Ti]	374	1124	1073	1275	1724	1550
Manganese [Mn]	2240	259	190	252	305	739
Phosphorus [P]	916	358	470	636	598	734
Barium [Ba]	58	42	23	26	27	34
Chromium [Cr]	10	15	39	57	30	30
Zirconium [Zr]	3	15	3	2	7	6
Copper [Cu]	113	13	33	43	55	98
Nickel [Ni]	6	7	19	28	13	21
Lead [Pb]	30	11	17	15	18	45
Zinc [Zn]	82	37	45	47	44	204
Vanadium [V]	9	21	53	73	59	68
Strontium [Sr]	23	8	13	11	12	21
Cobalt [Co]	17	3	5	8	7	17
Molybdenum [Mo]	4	2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	12	8	6	6	7	12
Scandium [Sc]	< 1	< 1	1	2	1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	10	< 10	< 10	< 10	< 10
Thorium [Th]	40	< 10	10	20	30	30
Arsenic [As]	< 5	< 5	5	< 5	< 5	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	10	< 10	< 10

DATE : SEP-16-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
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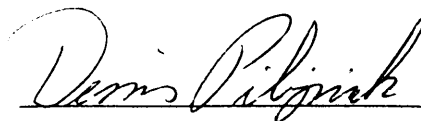
T.S.L. REPORT No. : S - 9918 - 7
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L9+00N 4+50E	L9+00N 4+75E	L9+00N 5+00E	L9+00N 5+25E	L9+00N 5+50E	L9+00N 5+75E
Aluminum [Al]	24200	14590	14930	16300	20610	21950
Iron [Fe]	27250	41390	27550	21840	30480	37480
Calcium [Ca]	1680	2400	1920	1140	2740	3260
Magnesium [Mg]	4990	4940	2690	2120	5170	4420
Sodium [Na]	120	80	450	1000	190	220
Potassium [K]	260	260	800	810	300	420
Titanium [Ti]	890	1587	1034	1251	928	1234
Manganese [Mn]	290	583	1746	287	335	964
Phosphorus [P]	458	350	652	416	610	1094
Barium [Ba]	25	27	55	45	31	45
Chromium [Cr]	70	65	15	18	73	45
Zirconium [Zr]	2	4	4	14	3	4
Copper [Cu]	55	27	35	16	80	66
Nickel [Ni]	40	19	7	11	38	25
Lead [Pb]	12	27	26	15	11	24
Zinc [Zn]	47	74	92	39	40	55
Vanadium [V]	83	125	50	33	104	94
Strontium [Sr]	11	23	26	10	17	45
Cobalt [Co]	8	10	7	3	9	13
Molybdenum [Mo]	< 2	< 2	< 2	2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	1	1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	10	< 5	< 5
Yttrium [Y]	6	5	7	11	7	10
Scandium [Sc]	2	2	< 1	1	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	10	10	< 10	< 10
Thorium [Th]	20	30	60	< 10	10	10
Arsenic [As]	10	15	5	20	< 5	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	< 10	< 10	< 10	10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
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 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9918 - 8
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L9+00N 6+00E	L9+00N 6+25E	L10+00N 1+00E	L10+00N 1+25E	L10+00N-1+75E	L10+00N 2+00E
Aluminum [Al]	18670	22890	20170	19640	23970	15140
Iron [Fe]	30490	35840	45260	54240	41710	56920
Calcium [Ca]	1380	1900	1800	1980	860	2420
Magnesium [Mg]	3610	4460	3820	4430	3970	3000
Sodium [Na]	550	250	550	460	70	180
Potassium [K]	590	480	750	730	250	570
Titanium [Ti]	1976	1858	1439	1552	1138	541
Manganese [Mn]	571	457	562	716	279	2676
Phosphorus [P]	586	558	916	1238	624	1190
Barium [Ba]	35	34	37	31	23	58
Chromium [Cr]	19	52	19	18	71	10
Zirconium [Zr]	10	6	7	4	3	2
Copper [Cu]	52	48	186	345	82	527
Nickel [Ni]	10	21	14	13	27	9
Lead [Pb]	12	15	39	47	15	491
Zinc [Zn]	56	57	97	61	41	372
Vanadium [V]	64	98	39	38	77	23
Strontium [Sr]	16	17	21	31	13	22
Cobalt [Co]	9	9	10	23	6	30
Molybdenum [Mo]	2	< 2	12	6	2	12
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	1	< 1	1	1	< 1	1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	10	8	12	14	7	12
Scandium [Sc]	2	3	1	2	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	10	10	30	30	< 10	30
Arsenic [As]	< 5	< 5	< 5	15	< 5	5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED :

Dennis Pilijuk

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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 808 West Hastings St.
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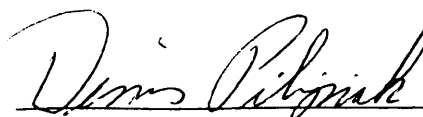
T.S.L. REPORT No. : 5 - 9918 - 9
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP DREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L10+00N 2+25E	L10+00N 2+50E	L10+00N 2+75E	L10+00N 3+00E	L10+00N 3+25E	L10+00N 3+50E
Aluminum [Al]	18110	22730	12900	15000	26240	20410
Iron [Fe]	81620	63530	30540	29980	53900	36870
Calcium [Ca]	2280	580	1620	2720	760	1540
Magnesium [Mg]	4920	4440	2800	5690	5140	5180
Sodium [Na]	80	70	190	130	80	120
Potassium [K]	340	510	750	290	560	300
Titanium [Ti]	1021	2528	840	859	983	1065
Manganese [Mn]	2448	878	1001	450	718	341
Phosphorus [P]	898	626	940	668	722	498
Barium [Ba]	34	45	39	27	35	22
Chromium [Cr]	20	32	39	84	37	75
Zirconium [Zr]	7	14	< 1	1	4	4
Copper [Cu]	261	104	48	68	50	43
Nickel [Ni]	39	10	16	69	21	47
Lead [Pb]	30	51	27	12	22	13
Zinc [Zn]	79	93	56	39	41	40
Vanadium [V]	53	135	47	70	63	72
Strontium [Sr]	36	15	16	15	11	12
Cobalt [Co]	61	12	11	12	12	8
Molybdenum [Mo]	18	12	< 2	< 2	8	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	5	< 5	< 5
Yttrium [Y]	8	7	5	6	7	6
Scandium [Sc]	2	2	< 1	2	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	30	20	20	30	20
Arsenic [As]	20	10	< 5	< 5	15	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	20	< 10	10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

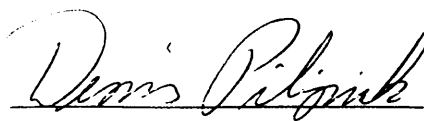
PRIME EXPLORATION LTD.
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T.S.L. REPORT No. : S - 9918 - 10
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2470 ALL RESULTS PPM

ELEMENT	L10+00N 3+75E	L10+00N 4+00E	L10+00N 4+25E	L10+00N 4+50E	L10+00N 4+75E	L10+00N 5+00E
Aluminum [Al]	14240	25040	21130	19530	16180	20730
Iron [Fe]	21510	30560	29310	35270	24640	29800
Calcium [Ca]	940	1860	3620	1180	3080	1820
Magnesium [Mg]	2230	5680	4780	2260	4800	2880
Sodium [Na]	690	150	500	380	340	520
Potassium [K]	550	270	680	710	530	860
Titanium [Ti]	1305	904	1163	1522	1039	687
Manganese [Mn]	121	281	563	1424	333	2035
Phosphorus [P]	418	432	770	842	640	726
Barium [Ba]	29	29	69	51	38	93
Chromium [Cr]	38	97	52	17	52	17
Zirconium [Zr]	10	2	3	5	4	1
Copper [Cu]	23	48	44	42	40	32
Nickel [Ni]	12	61	32	6	35	9
Lead [Pb]	11	12	32	41	49	18
Zinc [Zn]	29	45	109	119	46	91
Vanadium [V]	49	84	68	49	72	39
Strontium [Sr]	8	13	27	19	19	29
Cobalt [Co]	2	9	10	12	8	8
Molybdenum [Mo]	2	< 2	< 2	4	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	1	1	< 1	2
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	10	< 5
Yttrium [Y]	7	6	12	9	7	14
Scandium [Sc]	< 1	2	2	1	2	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	10	20	30	20	40
Arsenic [As]	< 5	< 5	5	5	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9918 - 11
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L10+00N 5+25E	L10+00N 5+50E	L10+00N 5+75E	L10+00N 6+00E	L10+00N 6+25E	L11+00N 0+25W
Aluminum [Al]	16560	16220	22120	18900	5700	18400
Iron [Fe]	22790	24590	49210	29830	8120	78120
Calcium [Ca]	3200	1300	3220	2320	960	2460
Magnesium [Mg]	2430	2020	5970	4870	1110	5150
Sodium [Na]	470	1070	220	330	700	170
Potassium [K]	580	1010	580	490	650	710
Titanium [Ti]	726	1386	1331	1506	1650	1023
Manganese [Mn]	682	1177	2292	590	105	1402
Phosphorus [P]	704	476	1666	690	446	1124
Barium [Ba]	76	65	31	30	16	33
Chromium [Cr]	32	13	45	64	21	16
Zirconium [Zr]	4	12	4	4	7	8
Copper [Cu]	20	17	231	54	8	326
Nickel [Ni]	14	7	57	34	8	22
Lead [Pb]	13	23	82	15	14	38
Zinc [Zn]	55	79	212	56	26	82
Vanadium [V]	45	39	77	83	27	36
Strontium [Sr]	29	15	22	17	10	41
Cobalt [Co]	6	6	33	11	2	41
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	2	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	11	11	14	7	3	13
Scandium [Sc]	< 1	< 1	5	3	< 1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	20	< 10	< 10	< 10	< 10
Thorium [Th]	20	< 10	30	< 10	< 10	40
Arsenic [As]	< 5	< 5	15	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
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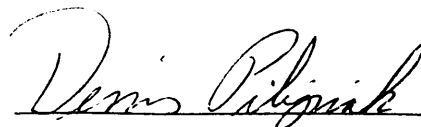
T.S.L. REPORT No. : S - 9918 - 12
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L11+00N 0+00	L11+00N 0+25E	L11+00N 0+50E	L11+00N 0+75E	L11+00N 1+00E	L11+00N 1+25E
Aluminum [Al]	18870	16470	19630	8550	8120	18400
Iron [Fe]	66550	35120	69050	25480	24940	35540
Calcium [Ca]	2100	3460	2220	3760	1880	1780
Magnesium [Mg]	4790	3130	5110	1890	3380	4120
Sodium [Na]	270	410	200	1120	660	380
Potassium [K]	810	680	680	970	920	540
Titanium [Ti]	926	717	1020	1138	1222	1660
Manganese [Mn]	1759	858	1342	1078	544	379
Phosphorus [P]	1328	882	1076	494	554	722
Barium [Ba]	41	40	42	34	21	27
Chromium [Cr]	20	60	22	35	108	37
Zirconium [Zr]	6	4	6	8	4	6
Copper [Cu]	223	180	542	236	47	70
Nickel [Ni]	16	28	45	18	45	20
Lead [Pb]	73	33	26	20	22	18
Zinc [Zn]	117	126	79	62	60	59
Vanadium [V]	38	28	37	14	32	44
Strontium [Sr]	32	22	31	16	17	19
Cobalt [Co]	31	15	60	14	7	7
Molybdenum [Mo]	6	18	8	12	10	10
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	1	1	< 1	1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	13	12	10	9	4	9
Scandium [Sc]	2	< 1	2	< 1	< 1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	10	< 10	20	< 10	< 10
Thorium [Th]	40	< 10	40	30	< 10	30
Arsenic [As]	35	10	10	10	5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9918 - 13
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

PROJECT: PUP OREQQUEST CONSULTANTS R-2470 ALL RESULTS PPM

ELEMENT	L11+00N 1+75E	L11+00N 2+00E	L11+00N 2+25E	L11+00N 2+50E	L11+00N 2+75E	L11+00N 3+00E
Aluminum [Al]	15140	14140	6760	13070	14300	11250
Iron [Fe]	36590	20970	74570	25660	53970	23230
Calcium [Ca]	1220	960	1060	1000	1060	960
Magnesium [Mg]	3550	1480	2510	2270	2980	1890
Sodium [Na]	470	720	220	430	560	890
Potassium [K]	510	590	570	480	540	850
Titanium [Ti]	966	840	1341	1271	1418	860
Manganese [Mn]	824	172	306	161	636	208
Phosphorus [P]	648	386	1712	664	996	514
Barium [Ba]	22	29	44	19	26	33
Chromium [Cr]	115	13	88	37	15	37
Zirconium [Zr]	5	25	7	10	8	8
Copper [Cu]	236	68	119	38	134	36
Nickel [Ni]	49	6	34	16	9	20
Lead [Pb]	17	15	17	17	15	26
Zinc [Zn]	39	35	28	42	53	35
Vanadium [V]	46	23	47	44	33	18
Strontium [Sr]	17	8	24	9	19	8
Cobalt [Co]	21	3	4	4	11	3
Molybdenum [Mo]	4	4	10	4	4	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	8	3	6	8	7
Scandium [Sc]	< 1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	40	< 10	< 10	< 10
Niobium [Nb]	< 10	20	< 10	10	< 10	10
Thorium [Th]	< 10	< 10	10	30	20	< 10
Arsenic [As]	15	5	40	15	5	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	20	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED :

Dennis Piljinsk

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
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 ATTN: J. FOSTER

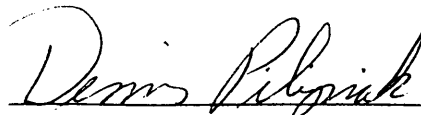
T.S.L. REPORT No. : S - 9918 - 14
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L11+00N 3+25E	L11+00N 3+50E	L11+00N 3+75E	L11+00N 4+00E	L11+00N 4+25E	L11+00N 4+50E
Aluminum [Al]	15870	13750	20080	19210	25120	20240
Iron [Fe]	92250	30120	31880	35660	30640	35060
Calcium [Ca]	2060	880	3920	3260	2680	2320
Magnesium [Mg]	3860	2350	4430	6300	5480	4730
Sodium [Na]	150	220	240	160	190	510
Potassium [K]	370	390	530	560	430	540
Titanium [Ti]	1375	1539	672	1182	1299	1092
Manganese [Mn]	1557	442	353	508	501	919
Phosphorus [P]	2190	528	930	870	654	714
Barium [Ba]	36	26	61	52	38	44
Chromium [Cr]	8	41	56	86	79	41
Zirconium [Zr]	9	6	6	4	3	4
Copper [Cu]	373	34	413	100	79	124
Nickel [Ni]	25	18	41	75	51	33
Lead [Pb]	40	14	14	15	17	15
Zinc [Zn]	69	39	58	70	61	69
Vanadium [V]	21	67	47	72	91	63
Strontium [Sr]	34	9	62	33	16	17
Cobalt [Co]	24	7	8	14	14	21
Molybdenum [Mo]	16	6	8	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	5	< 5
Yttrium [Y]	9	6	27	13	7	10
Scandium [Sc]	3	< 1	1	3	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	30	20	10	20	20
Arsenic [As]	10	< 5	10	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	10	< 10	< 10	20	10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
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 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 9918 - 15
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2470 ALL RESULTS PPM

ELEMENT	L11+00N 4+75E	L11+00N 5+00E	L11+00N 5+25E	L11+00N 5+50E	L11+00N 5+75E	L11+00N 6+00E
Aluminum [Al]	10420	15980	20230	17220	23060	16460
Iron [Fe]	26440	20630	23740	29350	32220	27510
Calcium [Ca]	1000	1740	1560	2140	2320	1320
Magnesium [Mg]	3420	3110	4100	5330	5900	4110
Sodium [Na]	670	1330	170	300	170	410
Potassium [K]	640	990	260	440	530	570
Titanium [Ti]	2198	1175	842	1001	1486	1289
Manganese [Mn]	510	350	186	493	332	510
Phosphorus [P]	362	518	444	560	580	676
Barium [Ba]	18	91	18	40	66	34
Chromium [Cr]	45	26	49	59	95	76
Zirconium [Zr]	16	16	4	2	4	6
Copper [Cu]	16	30	42	61	69	47
Nickel [Ni]	18	17	18	42	61	31
Lead [Pb]	15	11	11	17	16	17
Zinc [Zn]	38	70	33	92	53	61
Vanadium [V]	70	35	84	75	105	69
Strontium [Sr]	9	12	10	14	19	12
Cobalt [Co]	6	6	6	13	11	8
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	2	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	13	6	6	7	6
Scandium [Sc]	1	2	2	2	4	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	50	< 10	10	< 10	10
Arsenic [As]	5	10	10	< 5	< 5	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	20	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

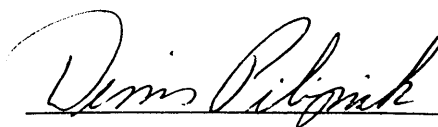
T.S.L. REPORT No. : S - 9918 - 16
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L11+00N 6+25E	L11+00N 6+50E	L12+00N 0+25W	L12+00N 0+00	L12+00N 0+25E	L12+00N 0+50E
Aluminum [Al]	22590	19280	17440	9600	22480	15100
Iron [Fe]	27530	27510	59600	28140	69780	55450
Calcium [Ca]	2860	1720	3420	2460	1860	2020
Magnesium [Mg]	4270	4480	5510	2970	4630	4770
Sodium [Na]	330	250	110	580	260	180
Potassium [K]	420	380	450	690	530	530
Titanium [Ti]	1272	1120	550	1016	924	567
Manganese [Mn]	316	314	1722	862	1624	1152
Phosphorus [P]	488	604	1232	558	1234	1158
Barium [Ba]	73	28	51	36	34	40
Chromium [Cr]	50	60	34	33	20	27
Zirconium [Zr]	5	2	4	9	6	2
Copper [Cu]	37	42	201	50	671	210
Nickel [Ni]	22	24	60	22	19	26
Lead [Pb]	13	13	38	18	40	38
Zinc [Zn]	48	42	222	80	92	121
Vanadium [V]	76	84	37	24	31	39
Strontium [Sr]	20	13	19	12	23	16
Cobalt [Co]	7	7	33	15	48	28
Molybdenum [Mo]	2	< 2	< 2	2	32	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	9	8	14	7	12	8
Scandium [Sc]	2	2	2	< 1	2	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	20	30	30	40	40
Arsenic [As]	5	< 5	15	10	35	25
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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 808 West Hastings St.
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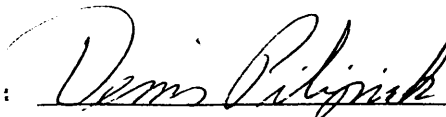
T.S.L. REPORT No. : S - 9918 - 17
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2470

ALL RESULTS PPM

ELEMENT	L12+00N 1+00E	L12+00N 1+25E	L12+00N 1+50E	L12+00N 1+75E	L12+00N 2+00E	L12+00N 2+25E
Aluminum [Al]	19060	17180	17490	7510	19320	11460
Iron [Fe]	38890	36170	31720	17890	64260	39090
Calcium [Ca]	2140	1660	1040	620	980	1320
Magnesium [Mg]	5120	4050	2830	860	3280	3200
Sodium [Na]	500	700	810	720	230	340
Potassium [K]	910	780	680	650	530	610
Titanium [Ti]	1094	1056	1421	945	1109	968
Manganese [Mn]	820	695	312	108	940	318
Phosphorus [P]	928	956	514	516	1078	832
Barium [Ba]	41	42	40	14	26	23
Chromium [Cr]	33	20	18	14	10	67
Zirconium [Zr]	6	6	13	16	6	4
Copper [Cu]	130	122	130	32	419	121
Nickel [Ni]	29	18	11	6	5	30
Lead [Pb]	36	20	15	11	21	40
Zinc [Zn]	107	88	50	36	57	64
Vanadium [V]	56	35	33	21	32	38
Strontium [Sr]	17	15	12	7	12	15
Cobalt [Co]	15	11	6	3	17	8
Molybdenum [Mo]	< 2	4	4	2	4	6
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	1	1	1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	10	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	12	13	9	5	7	5
Scandium [Sc]	3	2	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	10	< 10	< 10
Thorium [Th]	20	30	30	< 10	30	10
Arsenic [As]	25	15	5	5	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED : 

T S L LABORATORIES

2-302-48TH STREET, SASKATDUN, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9918 - 18
 T.S.L. File No. : SE14MA
 T.S.L. Invoice No. : 15482

PROJECT: PUP OREQEST CONSULTANTS R-2470

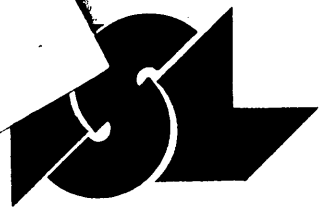
ALL RESULTS PPM

ELEMENT	L12+00N 2+50E	L13+00N 0+50E	L13+00N 0+75E	L13+00N 1+00E	L13+00N 1+25E	L13+00N 1+50E
Aluminum [Al]	16010	23200	19930	17360	17070	16220
Iron [Fe]	26230	52840	52080	57560	52510	35300
Calcium [Ca]	2600	1460	1320	3400	3100	1840
Magnesium [Mg]	2260	4960	5240	5730	5800	3650
Sodium [Na]	550	280	300	120	120	380
Potassium [K]	660	530	530	490	510	510
Titanium [Ti]	489	1356	1027	716	753	1260
Manganese [Mn]	755	984	1291	1480	1223	508
Phosphorus [P]	1016	1060	994	1102	994	594
Barium [Ba]	41	34	36	38	38	39
Chromium [Cr]	47	26	27	30	29	17
Zirconium [Zr]	5	4	3	3	4	6
Copper [Cu]	97	265	158	200	202	61
Nickel [Ni]	22	21	27	49	44	17
Lead [Pb]	49	38	43	52	58	28
Zinc [Zn]	82	92	152	238	244	100
Vanadium [V]	21	44	42	38	40	37
Strontium [Sr]	18	22	13	22	20	14
Cobalt [Co]	6	25	23	27	24	9
Molybdenum [Mo]	4	16	2	< 2	< 2	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	< 1	< 1	< 1	< 1	1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	15	10	12	12	12	8
Scandium [Sc]	< 1	2	2	2	2	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	40	30	40	30	10
Arsenic [As]	10	20	20	15	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-16-1990

SIGNED :

Dennis Puljnik



TSL LABORATORIES

DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver, B.C.
V6C 2X6

✓
REPORT No.
S1034

SAMPLE(S) OF Soils

INVOICE #: 15547
P.O.: R-2533

Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

	Au ppb
L13 0+00	15
L13 0+50W	25
L13 1+00W	<5
L13 1+50W	<5
L13 2+00W	<5
L13 2+50W	<5
L13 3+00W	5
L13 3+50W	<5
L13 4+00W	<5
L13 4+50W	<5
L13 5+00W	<5
L13 5+50W	<5
L13 6+00W	<5
L13 6+50W	<5
L13 7+00W	<5
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L13 9+00W	<5
L13 9+50W	<5

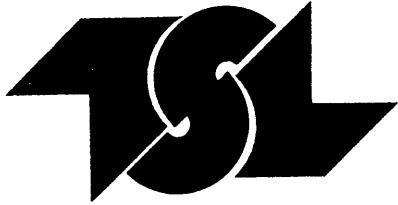
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Sep 19/90

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver, B.C.
V6C 2X6

REPORT No.
S1034

SAMPLE(S) OF Soils

INVOICE #: 15547
P.O.: R-2533

Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

	Au ppb
L13 10+00W	<5
L10 0+00	55
L10 0+50N	45
L10 1+00N	NSB
L10 1+50N	40
L10 2+00N	20
L10 2+50N	15
L10 3+00N	15
L10 3+50N	10
L10 4+00N	25
L10 4+50N	20
L10 5+00N	15
L10 5+50N	<5
L10 6+00N	5
L10 6+50N	<5
L10 7+00N	10
L10 7+50N	<5
L10 8+00N	5
L10 8+50N	5
L10 9+00N	5

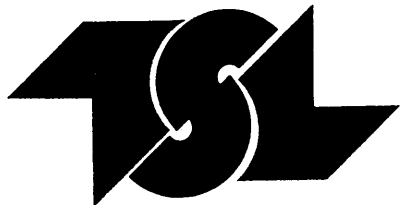
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REPORT No.
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INVOICE #: 15547
P.O.: R-2533

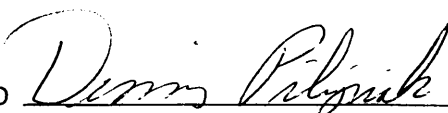
Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

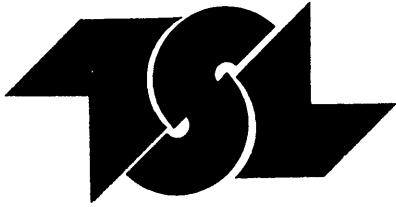
	Au ppb
L10 9+50N	NSB
L10 10+00N	<5
L10 10+50N	<5
L10 11+00N	<5
L10 11+50N	<5
L10 12+00N	<5
L10 12+50N	<5
L10 13+00N	5
L10 13+50N	5
L10 14+00N	15
L10 14+50N	<5
L10 15+00N	<5
L10 15+50N	10
L10 16+00N	5
L10 16+50N	<5
L10 17+00N	35
L10 17+50N	<5
L10 18+00N	<5
L10 18+50N	<5
L10 19+00N	<5

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S7K 6A4

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver, B.C.
V6C 2X6

REPORT No.
S1034

SAMPLE(S) OF Soils

INVOICE #: 15547
P.O.: R-2533

Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

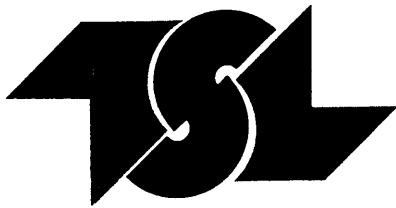
	Au ppb	Au ozt
L10 19+50N	5	
↓ L12N2+75E	150	
L12N3+00E	55	
L12N3+25E	10	
L12N3+50E	5	
L12N3+75E	10	
L12N4+00E	15	
L12N4+25E	5	
L12N4+50E	<5	
L12N4+75E	100	
L12N5+00E	<5	
L12N5+25E	10	
L12N5+50E	<5	
L12N5+75E	10	
L13N1+75E	110	
L13N2+00E	130	
L13N2+25E	>1000	.041
L12N2+50E	600	
L13N2+75E	180	
L13N3+00E	90	

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S7K 6A4

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver, B.C.
V6C 2X6

REPORT No.
S1034

SAMPLE(S) OF Soils

INVOICE #: 15547

P.O.: R-2533

Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

	Au ppb
L13N3+25E	55
L13N3+50E	25
L13N3+75E	10
L13N4+00E	25
L13N4+25E	25
L13N4+50E	10
L13N4+75E	25
L13N5+00E	45
L14N1+25E	35
L14N1+50E	20
L14N1+75E	130
L14N2+00E	150
L14N2+25E	35
L14N2+50E	15
L14N2+75E	110
L14N3+00E	10
L14N3+25E	15
L14N3+50E	5
L14N3+75E	10
L14N4+00E	20

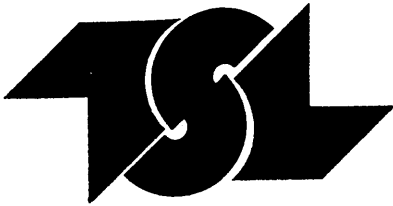
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S7K 6A4

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver, B.C.
V6C 2X6

REPORT No.
S1034

INVOICE #: 15547
P.O.: R-2533

SAMPLE(S) OF Soils

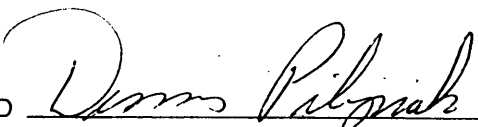
Marco V.
Project: PUP

REMARKS: Wrangell Samples - OreQuest Consultants

	Au ppb
L14N4+25E	10
L14N4+50E	35
L14N4+75E	30
L14N5+00E	25
L14N5+25E	140
L14N5+50E	5
L14N5+75E	5
L14N6+00E	<5
L14N6+25E	<5
L14N6+50E	<5
L14N6+75E	15
L14N7+00E	<5
L14N7+25E	5
L14N7+50E	10

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T S L LABORATORIES

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 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 1
 T.S.L. File No. : M - 8072
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL13 0+00	PUPL13 0+50W	PUPL13 1+00W	PUPL13 1+50W	PUPL13 2+00W	PUPL13 2+50W
Aluminum [Al]	24000	14000	15000	14000	14000	22000
Iron [Fe]	24000	68000	19000	26000	15000	27000
Calcium [Ca]	1100	3600	580	1500	780	1400
Magnesium [Mg]	3700	3700	2800	3600	2900	4900
Sodium [Na]	140	70	300	1200	670	90
Potassium [K]	500	520	370	940	600	390
Titanium [Ti]	1700	120	1200	940	1300	1500
Manganese [Mn]	250	3300	270	930	280	390
Phosphorus [P]	700	820	420	800	350	810
Barium [Ba]	86	450	25	33	26	24
Chromium [Cr]	41	15	28	17	14	38
Zirconium [Zr]	11	9	16	5	10	3
Copper [Cu]	68	220	21	50	18	49
Nickel [Ni]	14	32	11	13	5	19
Lead [Pb]	19	34	12	44	33	14
Zinc [Zn]	48	380	45	120	58	63
Vanadium [V]	62	80	38	32	31	60
Strontium [Sr]	12	48	9	13	8	17
Cobalt [Co]	4	32	3	9	3	7
Molybdenum [Mo]	< 2	4	< 2	4	< 2	< 2
Silver [Ag]	< 1	2	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	4	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	31	5	9	6	6
Scandium [Sc]	1	7	< 1	1	< 1	1
Tungsten [W]	< 10	10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	40	< 10	< 10	< 10	60
Arsenic [As]	10	50	10	15	15	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 2
 T.S.L. File No. :
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL13 3+00W	PUPL13 3+50W	PUPL13 4+00W	PUPL13 4+50W	PUPL13 5+00W	PUPL13 5+50W
Aluminum [Al]	9800	6700	9100	7900	15000	24000
Iron [Fe]	8400	14000	10000	22000	24000	30000
Calcium [Ca]	380	700	560	780	1100	1400
Magnesium [Mg]	610	1600	1700	1400	5700	7100
Sodium [Na]	600	650	470	160	190	300
Potassium [K]	590	640	550	320	450	610
Titanium [Ti]	770	1100	710	2400	2400	2400
Manganese [Mn]	55	220	120	550	290	430
Phosphorus [P]	550	290	490	420	300	360
Barium [Ba]	14	23	22	23	22	20
Chromium [Cr]	13	41	23	27	49	55
Zirconium [Zr]	15	12	8	8	9	9
Copper [Cu]	9	10	17	13	14	29
Nickel [Ni]	4	15	7	10	16	24
Lead [Pb]	10	9	13	11	8	8
Zinc [Zn]	21	34	32	36	41	59
Vanadium [V]	18	26	21	89	87	98
Strontium [Sr]	4	10	6	15	15	18
Cobalt [Co]	< 1	3	2	5	7	11
Molybdenum [Mo]	< 2	< 2	< 2	< 2	2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	3	3	2	3	4
Scandium [Sc]	< 1	< 1	< 1	< 1	< 1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	40	40
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1034 - 3
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2533

ALL RESULTS PPM

ELEMENT	PUPL13 6+00W	PUPL13 6+50W	PUPL13 7+00W	PUPL13 7+50W	PUPL13 8+00W	PUPL13 8+50W
Aluminum [Al]	17000	20000	17000	24000	25000	25000
Iron [Fe]	27000	31000	25000	39000	28000	35000
Calcium [Ca]	1800	2100	2100	1400	3400	2800
Magnesium [Mg]	7100	7300	6100	6900	8800	7800
Sodium [Na]	120	160	80	280	90	90
Potassium [K]	480	480	360	2500	550	3300
Titanium [Ti]	2000	2000	1300	1400	960	2000
Manganese [Mn]	510	540	420	1000	580	790
Phosphorus [P]	490	360	360	820	480	560
Barium [Ba]	25	18	35	70	40	24
Chromium [Cr]	56	36	88	67	400	91
Zirconium [Zr]	4	7	2	7	2	5
Copper [Cu]	23	30	27	68	39	61
Nickel [Ni]	19	14	44	35	170	36
Lead [Pb]	5	7	7	17	10	8
Zinc [Zn]	47	54	53	83	56	72
Vanadium [V]	95	95	59	97	69	100
Strontium [Sr]	12	16	20	15	28	16
Cobalt [Co]	11	10	7	16	17	18
Molybdenum [Mo]	< 2	< 2	< 2	< 2	2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	10	10	10
Yttrium [Y]	2	5	3	9	4	6
Scandium [Sc]	< 1	1	< 1	6	1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	60	10	50	< 10	20
Arsenic [As]	15	15	15	10	80	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	10	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dean

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
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 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1034 - 4
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL13 9+00W	PUPL13 9+50W	PUPL13 10+00W	PUPL10 0+00	PUPL10 0+50N	PUPL10 1+50N
Aluminum [Al]	31000	25000	27000	10000	7700	13000
Iron [Fe]	37000	33000	40000	28000	28000	33000
Calcium [Ca]	1600	1600	2800	760	2200	5000
Magnesium [Mg]	8200	7300	7900	2900	3500	5800
Sodium [Na]	160	100	40	70	150	70
Potassium [K]	2200	750	3000	350	650	590
Titanium [Ti]	2500	2100	2100	660	320	380
Manganese [Mn]	690	530	590	190	950	910
Phosphorus [P]	400	280	360	640	720	1100
Barium [Ba]	12	17	44	28	38	50
Chromium [Cr]	69	54	72	45	100	120
Zirconium [Zr]	5	3	3	2	< 1	2
Copper [Cu]	39	28	28	55	55	100
Nickel [Ni]	24	22	30	23	47	96
Lead [Pb]	6	7	7	9	12	11
Zinc [Zn]	54	50	64	32	50	110
Vanadium [V]	120	99	120	47	34	39
Strontium [Sr]	11	16	20	9	16	21
Cobalt [Co]	16	11	15	4	11	20
Molybdenum [Mo]	< 2	< 2	< 2	6	8	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	3	3	3	2	2	5
Scandium [Sc]	1	1	1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	50	40	< 10	10	< 10
Arsenic [As]	15	15	30	20	10	20
Bismuth [Bi]	5	< 5	5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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Aqua-Regia Digestion

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ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2533

T.S.L. REPORT No. : S - 1034 - 5

T.S.L. File No. : SE24MZ

T.S.L. Invoice No. : 15654

ALL RESULTS PPM

ELEMENT	PUPL10 2+00N	PUPL10 2+50N	PUPL10 3+00N	PUPL10 3+50N	PUPL10 4+00N	PUPL10 4+50N
Aluminum [Al]	13000	14000	15000	13000	17000	15000
Iron [Fe]	31000	33000	37000	34000	35000	31000
Calcium [Ca]	4700	3700	1600	5300	4000	6000
Magnesium [Mg]	5800	5700	4200	5000	5900	6200
Sodium [Na]	80	70	70	80	70	70
Potassium [K]	720	620	1100	740	660	790
Titanium [Ti]	300	250	140	200	260	170
Manganese [Mn]	1000	1100	1400	1400	1200	1300
Phosphorus [P]	950	850	850	1100	1100	1100
Barium [Ba]	58	63	110	80	71	70
Chromium [Cr]	190	120	73	250	130	250
Zirconium [Zr]	< 1	< 1	< 1	< 1	3	< 1
Copper [Cu]	83	66	85	72	77	63
Nickel [Ni]	110	80	50	110	82	130
Lead [Pb]	12	15	49	20	15	11
Zinc [Zn]	120	110	93	120	140	130
Vanadium [V]	40	45	41	45	51	44
Strontium [Sr]	19	18	16	21	21	25
Cobalt [Co]	21	21	23	22	17	19
Molybdenum [Mo]	< 2	2	< 2	2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	2
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	4	9	5	10	6
Scandium [Sc]	< 1	< 1	< 1	< 1	1	< 1
Tungsten [W]	< 10	10	20	10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	40	< 10	< 10	< 10
Arsenic [As]	15	20	35	20	35	35
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 6
 T.S.L. File No. : 9E24MZ
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533

ALL RESULTS PPM

ELEMENT	PUPL10 5+00N	PUPL10 5+50N	PUPL10 6+00N	PUPL10 6+50N	PUPL10 7+00N	PUPL10 7+50N
Aluminum [Al]	14000	8100	7800	11000	9000	1400
Iron [Fe]	30000	21000	20000	28000	27000	2600
Calcium [Ca]	2600	1700	780	680	4200	3000
Magnesium [Mg]	3400	3200	2300	3100	3500	280
Sodium [Na]	170	100	140	130	150	100
Potassium [K]	730	670	440	400	580	140
Titanium [Ti]	310	310	500	270	160	51
Manganese [Mn]	1100	390	170	460	1300	70
Phosphorus [P]	1300	1000	750	800	1200	330
Barium [Ba]	60	45	20	25	90	32
Chromium [Cr]	65	150	75	52	140	7
Zirconium [Zr]	< 1	< 1	3	2	< 1	< 1
Copper [Cu]	24	29	25	25	47	20
Nickel [Ni]	29	58	32	25	66	7
Lead [Pb]	10	9	5	12	16	3
Zinc [Zn]	94	59	47	74	160	51
Vanadium [V]	56	44	38	60	45	3
Strontium [Sr]	19	15	7	7	17	12
Cobalt [Co]	8	5	4	5	15	1
Molybdenum [Mo]	6	2	2	6	10	< 2
Silver [Ag]	< 1	< 1	< 1	1	1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	3	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	4	3	2	4	7	< 1
Scandium [Sc]	< 1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	15	10	5	20	20	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	< 5	5	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 7
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533

ALL RESULTS PPM

ELEMENT	PUPL10 8+00N	PUPL10 8+50N	PUPL10 9+00N	PUPL10 10+00N	PUPL10 10+50N	PUPL10 11+00N
Aluminum [Al]	8200	9400	3200	8500	5500	3400
Iron [Fe]	20000	23000	14000	19000	21000	7700
Calcium [Ca]	320	520	400	2700	900	2000
Magnesium [Mg]	360	1300	440	3100	1600	760
Sodium [Na]	110	170	200	80	60	70
Potassium [K]	200	390	350	390	380	260
Titanium [Ti]	460	620	710	260	560	720
Manganese [Mn]	60	130	82	550	150	87
Phosphorus [P]	470	380	450	1100	500	430
Barium [Ba]	30	44	22	50	29	34
Chromium [Cr]	12	11	33	160	230	44
Zirconium [Zr]	5	3	4	< 1	1	2
Copper [Cu]	23	17	23	38	32	22
Nickel [Ni]	4	10	12	69	92	20
Lead [Pb]	10	9	4	5	11	5
Zinc [Zn]	27	45	34	65	53	44
Vanadium [V]	64	56	45	32	61	23
Strontium [Sr]	12	7	5	12	15	17
Cobalt [Co]	2	3	2	10	5	3
Molybdenum [Mo]	< 2	6	4	< 2	4	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	2	4	1	2	2	1
Scandium [Sc]	< 1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	15	15	< 5	10	20	5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Oren

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : 5 - 1034 - 8
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL10 11+50N	PUPL10 12+00N	PUPL10 12+50N	PUPL10 13+00N	PUPL10 13+50N	PUPL10 14+00N
Aluminum [Al]	4500	3400	9500	13000	11000	9800
Iron [Fe]	17000	16000	37000	52000	29000	15000
Calcium [Ca]	1200	840	1500	2000	900	480
Magnesium [Mg]	1200	220	2900	3800	1800	1000
Sodium [Na]	100	50	40	80	90	120
Potassium [K]	300	250	370	500	270	210
Titanium [Ti]	420	1000	900	310	560	680
Manganese [Mn]	69	47	250	950	150	57
Phosphorus [P]	840	610	1900	2800	710	270
Barium [Ba]	45	29	36	59	54	47
Chromium [Cr]	31	30	73	83	130	46
Zirconium [Zr]	3	3	2	2	2	2
Copper [Cu]	28	34	37	67	29	16
Nickel [Ni]	10	18	36	43	52	15
Lead [Pb]	10	5	10	15	18	17
Zinc [Zn]	36	47	67	57	67	36
Vanadium [V]	41	42	76	120	90	63
Strontium [Sr]	9	9	15	12	15	11
Cobalt [Co]	2	4	4	13	5	2
Molybdenum [Mo]	< 2	4	8	10	6	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	1	2	3	5	2	2
Scandium [Sc]	< 1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	20	< 10	< 10
Arsenic [As]	10	15	15	20	30	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED : Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
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 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1034 - 13
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL13N 1+75E	PUPL13N 2+00E	PUPL13N 2+25E	PUPL13N 2+50E	PUPL13N 2+75E	PUPL13N 3+00E
Aluminum [Al]	18000	11000	12000	16000	17000	18000
Iron [Fe]	49000	72000	80000	54000	53000	37000
Calcium [Ca]	1000	660	560	1600	2000	3700
Magnesium [Mg]	3800	3400	4000	4500	4200	3300
Sodium [Na]	110	190	120	420	350	490
Potassium [K]	350	500	500	540	560	600
Titanium [Ti]	940	1500	920	1000	980	830
Manganese [Mn]	680	440	680	990	1100	470
Phosphorus [P]	1100	1800	2300	1400	1400	880
Barium [Ba]	17	17	15	19	29	56
Chromium [Cr]	15	6	7	9	13	14
Zirconium [Zr]	3	7	8	8	8	8
Copper [Cu]	190	280	380	310	430	270
Nickel [Ni]	9	4	3	5	9	10
Lead [Pb]	23	19	49	59	39	25
Zinc [Zn]	59	36	63	72	100	120
Vanadium [V]	42	41	47	58	51	39
Strontium [Sr]	17	21	15	29	30	39
Cobalt [Co]	13	6	10	13	17	8
Molybdenum [Mo]	8	18	22	6	6	8
Silver [Ag]	< 1	< 1	< 1	< 1	1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	6	4	4	5	9	11
Scandium [Sc]	< 1	1	2	2	1	< 1
Tungsten [W]	< 10	30	80	< 10	< 10	10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	110	40	60	80	70	< 10
Arsenic [As]	50	25	45	40	30	40
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1034 - 9
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

ATTN: J. FOSTER PROJECT: PUP OREGUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL10 14+50N	PUPL10 15+00N	PUPL10 15+50N	PUPL10 16+00N	PUPL10 16+50N	PUPL10 17+00N
Aluminum [Al]	8700	6100	10000	33000	5300	7800
Iron [Fe]	44000	27000	35000	48000	17000	42000
Calcium [Ca]	2700	1100	720	1100	1000	980
Magnesium [Mg]	3600	1900	2200	1700	240	780
Sodium [Na]	50	40	60	60	60	30
Potassium [K]	270	350	280	460	230	280
Titanium [Ti]	290	500	1100	230	550	1700
Manganese [Mn]	420	71	100	350	47	120
Phosphorus [P]	1600	820	320	3200	520	380
Barium [Ba]	34	43	59	74	10	86
Chromium [Cr]	200	150	190	75	45	27
Zirconium [Zr]	2	2	2	7	7	4
Copper [Cu]	68	37	31	110	44	76
Nickel [Ni]	81	69	73	38	19	38
Lead [Pb]	15	9	19	22	9	29
Zinc [Zn]	29	22	49	62	57	140
Vanadium [V]	88	79	130	22	33	170
Strontium [Sr]	8	6	14	5	3	4
Cobalt [Co]	9	4	5	18	3	11
Molybdenum [Mo]	12	14	8	8	16	18
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	8	3	2	9	3	4
Scandium [Sc]	< 1	< 1	1	2	< 1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	5	15	20	20	10	45
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dean

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
TELEPHONE #: (306) 931 - 1033
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PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1034 - 10
T.S.L. File No. : SE24MZ
T.S.L. Invoice No. : 15654

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL10 17+50N	PUPL10 18+00N	PUPL10 18+50N	PUPL10 19+00N	PUPL10 19+50N	PUPL12N 2+75E
Aluminum [Al]	12000	15000	9700	11000	6600	17000
Iron [Fe]	54000	49000	28000	21000	47000	62000
Calcium [Ca]	2500	1000	960	660	1300	2200
Magnesium [Mg]	4100	1500	1300	690	910	4300
Sodium [Na]	180	60	810	60	30	220
Potassium [K]	840	400	760	200	550	440
Titanium [Ti]	1100	2100	1000	690	3200	980
Manganese [Mn]	1000	130	450	57	71	1000
Phosphorus [P]	1100	710	390	420	1700	1300
Barium [Ba]	46	35	68	29	65	20
Chromium [Cr]	110	56	19	43	33	16
Zirconium [Zr]	4	14	6	< 1	6	5
Copper [Cu]	97	47	15	26	80	270
Nickel [Ni]	58	17	8	10	39	8
Lead [Pb]	18	9	10	11	9	100
Zinc [Zn]	81	31	46	21	33	94
Vanadium [V]	64	130	54	88	110	57
Strontium [Sr]	11	10	8	11	9	37
Cobalt [Co]	31	4	4	3	9	16
Molybdenum [Mo]	2	8	6	10	14	6
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	5	8	2	3	6
Scandium [Sc]	1	1	< 1	< 1	1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10	40
Arsenic [As]	35	15	5	10	15	40
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Deane

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 11
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

PROJECT: PUP DREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL12N 3+00E	PUPL12N 3+25E	PUPL12N 3+50E	PUPL12N 3+75E	PUPL12N 4+00E	PUPL12N 4+25E
Aluminum [Al]	18000	19000	10000	20000	19000	16000
Iron [Fe]	36000	100000	60000	36000	30000	29000
Calcium [Ca]	1100	840	880	4300	2200	2400
Magnesium [Mg]	3500	4300	3300	5400	5500	5900
Sodium [Na]	330	190	170	410	140	200
Potassium [K]	510	350	700	2000	310	310
Titanium [Ti]	1000	1000	1100	1100	720	820
Manganese [Mn]	260	610	510	530	270	390
Phosphorus [P]	720	1300	1500	1200	680	670
Barium [Ba]	20	16	27	44	22	24
Chromium [Cr]	28	16	50	36	100	100
Zirconium [Zr]	5	8	4	5	2	2
Copper [Cu]	130	380	220	84	100	57
Nickel [Ni]	13	12	23	22	59	69
Lead [Pb]	18	18	17	19	8	10
Zinc [Zn]	41	36	33	75	46	44
Vanadium [V]	58	37	31	110	89	95
Strontium [Sr]	17	12	11	84	14	13
Cobalt [Co]	5	13	11	12	9	12
Molybdenum [Mo]	10	16	20	< 2	10	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	< 5	< 5
Yttrium [Y]	5	6	5	8	5	5
Scandium [Sc]	1	< 1	1	2	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	50	40	70	10	< 10
Arsenic [As]	30	25	25	15	20	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	5	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bonnie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 12
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL12N 4+50E	PUPL12N 4+75E	PUPL12N 5+00E	PUPL12N 5+25E	PUPL12N 5+50E	PUPL12N 5+75E
Aluminum [Al]	17000	12000	19000	16000	22000	19000
Iron [Fe]	29000	20000	34000	36000	35000	29000
Calcium [Ca]	2300	1100	1400	1600	2000	2100
Magnesium [Mg]	5800	2300	3600	3300	3600	4800
Sodium [Na]	200	920	70	610	110	390
Potassium [K]	340	810	260	590	270	550
Titanium [Ti]	930	940	1200	1300	1100	990
Manganese [Mn]	360	190	430	490	770	690
Phosphorus [P]	690	420	400	610	630	680
Barium [Ba]	24	23	28	35	32	35
Chromium [Cr]	96	25	46	22	40	41
Zirconium [Zr]	2	12	3	7	3	4
Copper [Cu]	58	38	29	340	94	65
Nickel [Ni]	65	11	13	16	22	24
Lead [Pb]	9	9	25	9	11	21
Zinc [Zn]	46	35	46	61	71	130
Vanadium [V]	88	41	100	52	87	65
Strontium [Sr]	13	7	12	13	14	14
Cobalt [Co]	12	4	7	14	17	14
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	5	4	3	7	6	7
Scandium [Sc]	2	< 1	1	1	< 1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10	100
Arsenic [As]	15	15	5	25	20	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	10	< 5	< 5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dean

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6
ATTN: J. FOSTER

T.S.L. REPORT No. : 9 - 1034 - 14
T.S.L. File No. : 9E24MZ
T.S.L. Invoice No. : 15654

PROJECT: PUP DREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL13N 3+25E	PUPL13N 3+50E	PUPL13N 3+75E	PUPL13N 4+00E	PUPL13N 4+25E	PUPL13N 4+50E
Aluminum [Al]	21000	15000	24000	23000	22000	14000
Iron [Fe]	30000	34000	40000	37000	37000	24000
Calcium [Ca]	720	440	600	620	2200	860
Magnesium [Mg]	1700	2200	2600	2900	5100	3400
Sodium [Na]	100	150	60	210	120	520
Potassium [K]	320	310	200	360	320	610
Titanium [Ti]	1100	1100	960	950	680	950
Manganese [Mn]	330	190	210	460	440	510
Phosphorus [P]	480	370	370	580	680	590
Barium [Ba]	25	26	19	19	23	22
Chromium [Cr]	10	20	72	30	67	46
Zirconium [Zr]	8	6	3	6	4	6
Copper [Cu]	63	30	48	77	110	36
Nickel [Ni]	5	5	17	9	48	24
Lead [Pb]	22	20	13	10	10	12
Zinc [Zn]	38	37	42	35	39	37
Vanadium [V]	50	54	120	58	75	47
Strontium [Sr]	10	8	9	8	13	8
Cobalt [Co]	4	3	4	7	15	8
Molybdenum [Mo]	6	10	6	10	4	6
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	5	5	3	5	5	5
Scandium [Sc]	< 1	< 1	< 1	< 1	2	< 1
Tungsten [W]	< 10	20	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	40	< 10
Arsenic [As]	35	15	20	25	25	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dean

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
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Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : 5 - 1034 - 15
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL13N 4+75E	PUPL13N 5+00E	PUPL14N 1+25E	PUPL14N 1+50E	PUPL14N 1+75E	PUPL14N 2+00E
Aluminum [Al]	19000	15000	21000	22000	17000	17000
Iron [Fe]	43000	65000	51000	45000	47000	59000
Calcium [Ca]	3300	1500	1500	1200	1700	1500
Magnesium [Mg]	5200	4700	5200	4800	4700	4900
Sodium [Na]	190	100	100	230	70	130
Potassium [K]	380	400	560	610	490	520
Titanium [Ti]	640	450	680	910	760	860
Manganese [Mn]	1200	2500	1500	1600	1000	1200
Phosphorus [P]	730	920	960	860	1300	1500
Barium [Ba]	42	25	41	41	33	30
Chromium [Cr]	48	51	27	26	28	17
Zirconium [Zr]	4	3	1	2	2	6
Copper [Cu]	160	170	210	120	230	250
Nickel [Ni]	29	28	27	20	24	18
Lead [Pb]	11	14	23	25	21	23
Zinc [Zn]	120	87	130	120	80	97
Vanadium [V]	73	70	62	59	50	57
Strontium [Sr]	15	11	26	21	22	23
Cobalt [Co]	31	53	31	27	22	25
Molybdenum [Mo]	< 2	< 2	< 2	4	6	8
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	3	11	8	7	8
Scandium [Sc]	1	< 1	1	1	1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	30	80	70	40
Arsenic [As]	40	20	70	55	50	85
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED : Bernie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 16
 T.S.L. File No. : SE24M2
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533

ALL RESULTS PPM

ELEMENT	PUPL14N 2+25E	PUPL14N 2+50E	PUPL14N 2+75E	PUPL14N 3+00E	PUPL14N 3+25E	PUPL14N 3+50E
Aluminum [Al]	20000	16000	15000	16000	17000	15000
Iron [Fe]	45000	42000	44000	42000	36000	48000
Calcium [Ca]	1800	2200	2900	2800	1200	2400
Magnesium [Mg]	5000	5400	5600	4700	3500	4900
Sodium [Na]	250	110	100	270	450	110
Potassium [K]	680	730	770	700	550	730
Titanium [Ti]	850	600	640	570	610	300
Manganese [Mn]	1200	1500	1300	1300	720	2100
Phosphorus [P]	1100	880	840	930	500	1000
Barium [Ba]	35	39	34	40	50	47
Chromium [Cr]	25	90	130	27	19	24
Zirconium [Zr]	3	1	1	3	4	< 1
Copper [Cu]	170	110	100	160	130	130
Nickel [Ni]	25	46	67	30	14	33
Lead [Pb]	23	22	18	23	17	27
Zinc [Zn]	120	120	130	140	83	170
Vanadium [V]	57	50	47	41	36	43
Strontium [Sr]	24	19	21	20	12	18
Cobalt [Co]	25	33	30	29	17	41
Molybdenum [Mo]	4	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	9	5	4	8	8	6
Scandium [Sc]	1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	< 10	< 10	70	< 10	70
Arsenic [As]	50	20	35	25	15	30
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bennie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1034 - 17
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL14N 3+75E	PUPL14N 4+00E	PUPL14N 4+25E	PUPL14N 4+50E	PUPL14N 4+75E	PUPL14N 5+00E
Aluminum [Al]	17000	16000	15000	17000	19000	21000
Iron [Fe]	52000	42000	42000	48000	33000	31000
Calcium [Ca]	1500	1700	2400	1600	1300	640
Magnesium [Mg]	5600	4800	5600	5200	4700	3400
Sodium [Na]	110	450	130	290	320	220
Potassium [K]	690	740	660	810	510	310
Titanium [Ti]	690	860	690	850	810	1300
Manganese [Mn]	1500	930	1000	890	460	280
Phosphorus [P]	1000	910	890	1100	840	740
Barium [Ba]	34	38	32	32	24	15
Chromium [Cr]	25	23	50	29	65	23
Zirconium [Zr]	3	4	3	4	3	3
Copper [Cu]	170	170	150	170	130	41
Nickel [Ni]	34	29	43	29	28	5
Lead [Pb]	25	25	19	29	12	12
Zinc [Zn]	150	130	130	120	48	37
Vanadium [V]	49	41	44	52	67	52
Strontium [Sr]	17	17	21	18	16	8
Cobalt [Co]	31	19	20	18	11	4
Molybdenum [Mo]	2	2	< 2	6	8	12
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	10	< 5	< 5	< 5
Yttrium [Y]	9	9	7	10	7	5
Scandium [Sc]	2	1	1	2	2	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	50	30	60	20	< 10
Arsenic [As]	40	30	35	40	15	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dunn

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8072 - 18
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL14N 5+25E	PUPL14N 5+50E	PUPL14N 5+75E	PUPL14N 6+00E	PUPL14N 6+25E	PUPL14N 6+50E
Aluminum [Al]	19000	21000	13000	13000	10000	6500
Iron [Fe]	59000	27000	20000	20000	19000	14000
Calcium [Ca]	1000	3900	1000	760	1200	720
Magnesium [Mg]	4100	6000	3100	2000	2800	1200
Sodium [Na]	180	330	230	570	360	610
Potassium [K]	230	470	350	670	640	690
Titanium [Ti]	800	500	690	540	570	760
Manganese [Mn]	850	730	290	250	380	210
Phosphorus [P]	1100	940	530	570	590	450
Barium [Ba]	9	28	14	20	19	16
Chromium [Cr]	7	130	41	28	79	21
Zirconium [Zr]	5	2	2	4	2	7
Copper [Cu]	290	39	20	15	20	9
Nickel [Ni]	2	62	13	11	29	7
Lead [Pb]	18	12	11	11	12	10
Zinc [Zn]	27	57	33	34	51	34
Vanadium [V]	28	44	48	29	38	22
Strontium [Sr]	6	14	9	6	12	6
Cobalt [Co]	24	15	5	3	5	2
Molybdenum [Mo]	98	2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	10	3	4	3	2
Scandium [Sc]	< 1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	10	< 10	< 10	< 10	10
Thorium [Th]	70	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	20	15	10	< 5	10	5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dean

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1034 - 19
 T.S.L. File No. : SE24MZ
 T.S.L. Invoice No. : 15654

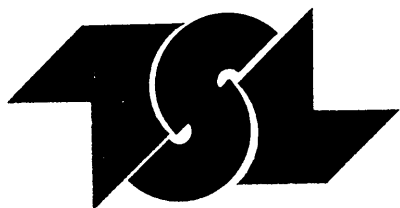
PROJECT: PUP OREQUEST CONSULTANTS R-2533 ALL RESULTS PPM

ELEMENT	PUPL14N 6+75E	PUPL14N 7+00E	PUPL14N 7+25E	PUPL14N 7+50E
Aluminum [Al]	16000	14000	18000	18000
Iron [Fe]	31000	20000	33000	35000
Calcium [Ca]	4100	1300	2500	4000
Magnesium [Mg]	4800	3800	6100	6700
Sodium [Na]	240	660	290	70
Potassium [K]	600	650	880	420
Titanium [Ti]	400	660	890	830
Manganese [Mn]	1500	360	920	840
Phosphorus [P]	880	580	790	830
Barium [Ba]	48	23	32	39
Chromium [Cr]	82	34	56	72
Zirconium [Zr]	3	4	4	4
Copper [Cu]	76	78	120	120
Nickel [Ni]	31	12	37	33
Lead [Pb]	23	13	15	18
Zinc [Zn]	160	53	80	90
Vanadium [V]	49	41	75	81
Strontium [Sr]	24	9	16	19
Cobalt [Co]	21	8	18	18
Molybdenum [Mo]	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5
Yttrium [Y]	9	6	7	6
Scandium [Sc]	< 1	< 1	2	2
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	20	< 10	30	40
Arsenic [As]	10	15	15	25
Bismuth [Bi]	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10

DATE : SEP-25-1990

SIGNED :

Bernie Dunn



TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

✓✓
REPORT No.
S1116

SAMPLE(S) OF Soil

INVOICE #: 15635

P.O.: R2623

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

	Au ppb
EH L2+00N 2+00W	70
EH L2+00N 1+75W	20
EH L2+00N 1+50W	40
EH L2+00N 1+25W	5
EH L2+00N 1+00W	20
EH L2+00N 0+75W	<5
EH L2+00N 0+50W	<5
EH L2+00N 0+25W	<5
EH L2+00N 0+00	5
EH L2+00N 0+25E	<5
EH L2+00N 0+50E	20
EH L2+00N 0+75E	<5
EH L2+00N 1+00E	<5
EH L2+00N 1+25E	<5
EH L1+00N 2+00W	<5
EH L1+00N 1+75W	25
EH L1+00N 0+75W	5
EH L1+00N 0+25W	20
EH L1+00N 0+50W	10
EH L1+00N 0+00	10

COPIES TO: J. Foster, P. Loughheed
INVOICE TO: Prime - Vancouver

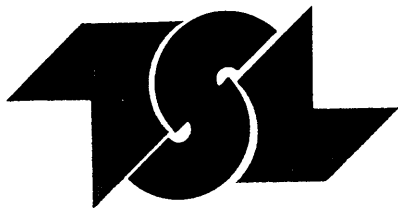
Sep 26/90

SIGNED

Bernie Ovens

Page 1 of 4





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

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10th Floor-Box 10
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Vancouver, B.C. V6C 2X6

REPORT No.
S1116

SAMPLE(S) OF Soil

INVOICE #: 15635

P.O.: R2623

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

	Au ppb
EH L1+00N 0+25E	10
EH L1+00N 0+50E	15
EH L1+00N 0+75E	<5
EH L1+00N 1+00E	35
EH L1+00N 1+25E	<5
EH L1+00N 1+50E	<5
EH L1+00N 1+75E	<5
EH L1+00N 2+00E	<5
EH L0+00 2+00W	<5
EH L0+00 1+75W	<5
EH L0+00 1+50W	<5
EH L0+00 1+25W	<5
EH L0+00 1+00W	<5
EH L0+00 0+75W	<5
EH L0+00 0+50W	<5
EH L0+00 0+25W	65
EH L0+00 0+00	20
EH L0+00 0+25E	90
EH L0+00 0+50E	<5
EH L0+00 0+75E	<5

COPIES TO: J. Foster, P. Loughheed
INVOICE TO: Prime - Vancouver

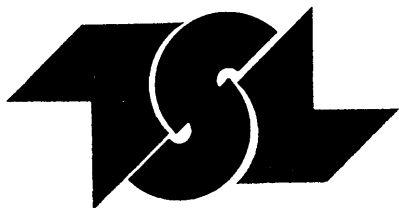
Sep 26/90

SIGNED _____

Bernie Ovan

Page 2 of 4





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S1116

SAMPLE(S) OF Soil

INVOICE #: 15635

P.O.: R2623

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

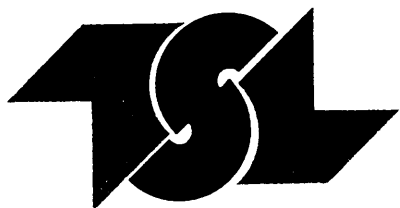
	Au ppb
EH L0+00 1+00E	<5
EH L0+00 1+25E	45
EH L0+00 1+50E	<5
EH L0+00 1+75E	<5
EH L0+00 2+00E	<5
EH L1+00S 1+00W	5
EH L1+00S 1+25W	<5
EH L1+00S 1+50W	5
EH L1+00S 1+75W	10
EH L1+00S 2+00W	<5
EH L2+00S 2+00W	15
EH L2+00S 1+75W	<5
EH L2+00S 1+50W	5
EH L2+00S 1+25W	<5
EH L2+00S 1+00W	10
EH L2+00S 0+75W	10
EH L2+00S 0+50W	<5
EH L2+00S 0+25W	75
EH L2+00S 0+00	60
EH L2+00S 0+25E	35

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Sep 26/90

SIGNED Bernie Dunn





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

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SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S1116

SAMPLE(S) OF Soil

INVOICE #: 15635
P.O.: R2623

Marco V.
Project PUP

REMARKS: Wrangell Samples-Orequest Consultants

Au
ppb

EH L2+00S 0+50E 5

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INVOICE TO: Prime - Vancouver

Sep 26/90

SIGNED _____

Bernie Owen

Page 4 of 4



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN. J. FOSTER

T.S.L. REPORT No. : S - 1116 - 1
 T.S.L. File No. : M - 8166
 T.S.L. Invoice No. : 15793

PROJECT: PUP OREQUEST CONSULTANTS R-2623

ALL RESULTS PPM

EH L2+00N 2+00W EH L2+00N 1+75W EH L2+00N 1+50W EH L2+00N 1+25W EH L2+00N 1+00W EH L2+00N 0+75W

ELEMENT

Aluminum [Al]	15000	19000	20000	15000	18000	23000
Iron [Fe]	36000	53000	40000	46000	47000	30000
Calcium [Ca]	11000	8800	1400	5100	5000	9700
Magnesium [Mg]	2000	5900	5200	2900	4000	3200
Sodium [Na]	120	120	200	180	110	460
Potassium [K]	640	1800	550	560	600	670
Titanium [Ti]	260	450	560	300	770	640
Manganese [Mn]	1700	510	350	910	1100	830
Phosphorus [P]	1500	1600	640	730	730	1100
Barium [Ba]	110	280	170	140	140	58
Chromium [Cr]	28	96	120	36	42	27
Zirconium [Zr]	8	6	< 1	< 1	1	15
Copper [Cu]	51	160	45	89	34	44
Nickel [Ni]	52	120	62	30	32	21
Lead [Pb]	72	29	100	60	37	27
Zinc [Zn]	350	260	220	190	210	240
Vanadium [V]	60	59	110	68	92	32
Strontium [Sr]	18	32	13	14	15	15
Cobalt [Co]	26	35	10	16	20	7
Molybdenum [Mo]	< 2	10	10	2	< 2	2
Silver [Ag]	1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	10	4	2	2	2	4
Beryllium [Be]	1	< 1	< 1	1	< 1	2
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	96	30	6	11	12	65
Scandium [Sc]	4	6	1	< 1	1	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	< 10	< 10	< 10	< 10	30
Thorium [Th]	< 10	30	< 10	40	30	70
Arsenic [As]	55	40	35	30	25	< 5
Bismuth [Bi]	< 5	5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	10	5	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :

Dennis Pilgich

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1116 - 2
 T.S.L. File No. : 0C02MB
 T.S.L. Invoice No. : 15793

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

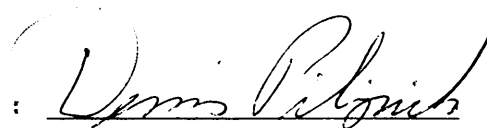
EH L2+00N 0+50W EH L2+00N 0+25W EH L2+00N 0+00 EH L2+00N 0+25E EH L2+00N 0+50E EH L2+00N 0+75E

ELEMENT

Aluminum [Al]	16000	18000	23000	26000	26000	26000
Iron [Fe]	27000	38000	37000	36000	35000	25000
Calcium [Ca]	10000	23000	14000	9600	7800	9800
Magnesium [Mg]	3900	5100	4300	7700	5000	2400
Sodium [Na]	760	160	230	110	260	1100
Potassium [K]	760	1600	610	780	850	860
Titanium [Ti]	1200	470	830	730	820	1300
Manganese [Mn]	820	790	1800	620	700	270
Phosphorus [P]	420	1100	1200	1100	1500	330
Barium [Ba]	78	82	66	57	100	46
Chromium [Cr]	24	18	43	190	78	20
Zirconium [Zr]	17	7	10	9	10	160
Copper [Cu]	25	160	45	110	56	29
Nickel [Ni]	16	22	31	84	71	12
Lead [Pb]	26	26	81	37	41	28
Zinc [Zn]	210	180	370	160	390	130
Vanadium [V]	39	110	51	91	60	26
Strontium [Sr]	15	22	18	14	22	14
Cobalt [Co]	6	17	10	18	14	3
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	3	4	9	2	5	2
Beryllium [Be]	1	1	2	< 1	2	3
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	< 5	< 5	< 5	< 5
Yttrium [Y]	22	35	120	41	72	35
Scandium [Sc]	2	2	3	9	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	30	10	20	< 10	20	40
Thorium [Th]	80	30	20	< 10	30	< 10
Arsenic [As]	5	30	15	20	15	< 5
Bismuth [Bi]	< 5	10	< 5	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	10	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1116 - 3
 T.S.L. File No. : 0C02MB
 T.S.L. Invoice No. : 15793

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

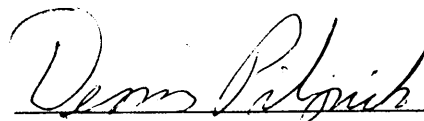
EH L2+00N 1+00E EH L2+00N 1+25E EH L1+00N 2+00W EH L1+00N 1+75W EH L1+00N 0+75W EH L1+00N 0+25W

ELEMENT

Aluminum [Al]	13000	22000	19000	18000	11000	23000
Iron [Fe]	17000	24000	65000	62000	40000	42000
Calcium [Ca]	25000	4800	1300	640	1800	12000
Magnesium [Mg]	3000	2000	6600	4200	2300	7600
Sodium [Na]	270	660	130	70	190	150
Potassium [K]	520	610	2700	820	540	1400
Titanium [Ti]	320	690	3600	820	1000	810
Manganese [Mn]	630	1400	230	190	92	450
Phosphorus [P]	1000	780	2000	660	640	1000
Barium [Ba]	55	35	190	60	39	42
Chromium [Cr]	20	23	98	56	16	150
Zirconium [Zr]	12	23	7	< 1	7	9
Copper [Cu]	44	30	110	67	140	440
Nickel [Ni]	13	15	33	22	15	94
Lead [Pb]	26	63	28	47	23	530
Zinc [Zn]	150	350	67	150	65	800
Vanadium [V]	27	30	130	87	45	92
Strontium [Sr]	22	10	32	7	7	16
Cobalt [Co]	4	6	5	7	7	24
Molybdenum [Mo]	< 2	< 2	2	6	2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	2	5	1	1	< 1	13
Beryllium [Be]	1	3	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	5
Yttrium [Y]	34	44	5	9	8	24
Scandium [Sc]	< 1	1	4	1	2	9
Tungsten [W]	10	< 10	< 10	< 10	< 10	20
Niobium [Nb]	20	30	< 10	< 10	10	< 10
Thorium [Th]	< 10	< 10	30	20	70	20
Arsenic [As]	5	10	10	40	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	< 5	< 5	< 5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1116 - 4
 T.S.L. File No. : QC02MB
 T.S.L. Invoice No. : 15793

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

EH L1+00N 0+50W EH L1+00N 0+00 EH L1+00N 0+25E EH L1+00N 0+50E EH L1+00N 0+75E EH L1+00N 1+00E

ELEMENT

Aluminum [Al]	23000	21000	14000	19000	25000	24000
Iron [Fe]	51000	40000	32000	33000	25000	41000
Calcium [Ca]	4200	23000	34000	25000	10000	8500
Magnesium [Mg]	4500	4700	3300	2600	3500	6500
Sodium [Na]	250	100	90	480	1400	310
Potassium [K]	760	800	670	730	1200	890
Titanium [Ti]	650	390	190	450	890	880
Manganese [Mn]	1700	920	1900	1300	1000	790
Phosphorus [P]	960	1600	2300	1500	900	1400
Barium [Ba]	65	75	77	46	76	49
Chromium [Cr]	41	50	33	17	32	120
Zirconium [Zr]	1	4	7	20	31	10
Copper [Cu]	110	300	160	1800	130	260
Nickel [Ni]	31	86	48	28	32	100
Lead [Pb]	620	42	39	130	44	48
Zinc [Zn]	400	360	310	540	200	240
Vanadium [V]	61	46	38	35	24	64
Strontium [Sr]	12	24	27	26	15	16
Cobalt [Co]	20	33	20	14	8	23
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	3	< 1	< 1
Cadmium [Cd]	5	6	8	11	4	4
Beryllium [Be]	1	< 1	< 1	2	3	2
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	34	48	88	57	50	69
Scandium [Sc]	2	2	2	1	1	4
Tungsten [W]	< 10	< 10	10	10	< 10	< 10
Niobium [Nb]	10	< 10	< 10	30	40	20
Thorium [Th]	40	40	40	< 10	70	20
Arsenic [As]	55	25	20	10	10	10
Bismuth [Bi]	< 5	5	10	10	< 5	5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	< 5	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :

Dennis Pilgisch

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

PROJECT: PUP DREQUEST CONSULTANTS R-2623

T.S.L. REPORT No. : S - 1116 - 5
 T.S.L. File No. : DC02MB
 T.S.L. Invoice No. : 15793

ALL RESULTS PPM

EH L1+00N 1+25E EH L1+00N 1+50E EH L1+00N 1+75E EH L1+00N 2+00E EH L0+00 2+00W EH L0+00 1+75W

ELEMENT

Aluminum [Al]	22000	30000	39000	27000	7900	5300
Iron [Fe]	31000	48000	47000	77000	67000	38000
Calcium [Ca]	9100	6700	5000	1100	1300	1100
Magnesium [Mg]	3500	8700	11000	7000	2700	1800
Sodium [Na]	750	270	30	320	270	300
Potassium [K]	880	1300	14000	3300	2200	1700
Titanium [Ti]	610	4000	2800	810	1000	530
Manganese [Mn]	780	430	300	660	530	130
Phosphorus [P]	1500	580	690	820	2500	1700
Barium [Ba]	55	37	37	25	570	210
Chromium [Cr]	42	270	500	62	42	33
Zirconium [Zr]	13	12	1	9	2	< 1
Copper [Cu]	83	140	31	210	87	52
Nickel [Ni]	28	130	200	100	23	16
Lead [Pb]	38	11	1	5	14	13
Zinc [Zn]	240	63	23	29	32	40
Vanadium [V]	37	72	67	110	110	61
Strontium [Sr]	15	10	15	5	40	23
Cobalt [Co]	8	23	45	50	6	5
Molybdenum [Mo]	< 2	< 2	< 2	< 2	42	22
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	3	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	5	20	< 5	< 5	< 5
Yttrium [Y]	66	17	6	16	5	4
Scandium [Sc]	2	3	2	14	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	20	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	< 10	< 10	40	40	< 10
Arsenic [As]	15	< 5	< 5	10	25	15
Bismuth [Bi]	< 5	10	20	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	5	10	< 5	< 5
Holmium [Ho]	< 10	< 10	10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :

Dennis Piljick

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1116 - 6
 T.S.L. File No. : DC02MB
 T.S.L. Invoice No. : 15793

PROJECT: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

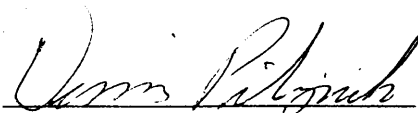
EH L0+00 1+50W EH L0+00 1+25W EH L0+00 1+00W EH L0+00 0+75W EH L0+00 0+50W EH L0+00 0+25W

ELEMENT

ELEMENT	EH L0+00 1+50W	EH L0+00 1+25W	EH L0+00 1+00W	EH L0+00 0+75W	EH L0+00 0+50W	EH L0+00 0+25W
Aluminum [Al]	11000	12000	11000	14000	14000	14000
Iron [Fe]	65000	49000	42000	86000	56000	55000
Calcium [Ca]	2300	4300	2400	1100	2600	1600
Magnesium [Mg]	3100	4900	4200	4600	5100	4300
Sodium [Na]	170	300	140	80	160	200
Potassium [K]	840	2200	1300	1700	1300	1200
Titanium [Ti]	510	780	1700	3000	1200	1100
Manganese [Mn]	420	870	130	220	670	680
Phosphorus [P]	2900	2300	2000	1900	2500	1700
Barium [Ba]	120	85	67	130	42	99
Chromium [Cr]	45	85	43	95	58	36
Zirconium [Zr]	< 1	< 1	2	8	2	2
Copper [Cu]	110	90	110	230	220	110
Nickel [Ni]	47	46	25	51	42	25
Lead [Pb]	13	23	13	24	12	19
Zinc [Zn]	33	80	25	34	34	56
Vanadium [V]	58	46	55	64	71	69
Strontium [Sr]	17	28	9	21	8	19
Cobalt [Co]	14	31	7	16	19	13
Molybdenum [Mo]	16	< 2	2	6	< 2	6
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	7	5	6	6	9	6
Scandium [Sc]	< 1	< 1	2	3	2	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	10	< 10	< 10
Thorium [Th]	40	10	20	30	20	40
Arsenic [As]	5	15	10	15	10	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

T.S.L. REPORT No. : 5 - 1116 - 7

10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. File No. : DC02MB
 T.S.L. Invoice No. : 15793

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

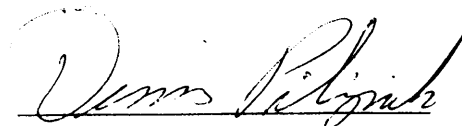
EH L0+00 0+00 EH L0+00 0+25E EH L0+00 0+50E EH L0+00 0+75E EH L0+00 1+00E EH L0+00 1+25E

ELEMENT

Aluminum [Al]	18000	17000	11000	13000	10000	9300
Iron [Fe]	45000	66000	64000	54000	39000	48000
Calcium [Ca]	12000	7100	1900	4000	6700	4300
Magnesium [Mg]	5400	4900	3300	4200	4600	3500
Sodium [Na]	180	230	100	920	160	170
Potassium [K]	920	1800	870	1400	1600	1000
Titanium [Ti]	560	730	670	610	910	1000
Manganese [Mn]	810	1700	380	960	840	840
Phosphorus [P]	1500	2800	3100	1700	1900	1600
Barium [Ba]	76	80	74	47	79	95
Chromium [Cr]	47	57	42	42	48	42
Zirconium [Zr]	7	3	3	2	< 1	< 1
Copper [Cu]	280	210	190	150	97	110
Nickel [Ni]	45	71	49	37	53	49
Lead [Pb]	54	220	22	12	11	10
Zinc [Zn]	190	320	44	43	51	52
Vanadium [V]	47	55	110	34	49	64
Strontium [Sr]	19	25	13	15	24	19
Cobalt [Co]	24	57	16	37	28	34
Molybdenum [Mo]	< 2	< 2	14	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	3	3	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	5	< 5
Yttrium [Y]	33	23	7	14	7	6
Scandium [Sc]	2	2	< 1	1	1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	10
Niobium [Nb]	10	< 10	< 10	10	< 10	< 10
Thorium [Th]	20	40	30	50	30	20
Arsenic [As]	25	55	25	15	15	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN 57K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1116 - 8
 T.S.L. File No. : 0C02MB
 T.S.L. Invoice No. : 15793

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

EH L0+00 1+50E EH L0+00 1+75E EH L0+00 2+00E EH L1+00S 1+00W EH L1+00S 1+25W EH L1+00S 1+50W

ELEMENT

Aluminum [Al]	9300	7600	9100	10000	13000	9900
Iron [Fe]	34000	61000	57000	51000	60000	67000
Calcium [Ca]	3100	2800	2300	3700	15000	3300
Magnesium [Mg]	2800	3000	1500	2100	2000	3200
Sodium [Na]	470	290	390	70	90	70
Potassium [K]	1200	2200	750	690	410	600
Titanium [Ti]	460	2400	900	930	460	520
Manganese [Mn]	910	770	590	610	1700	500
Phosphorus [P]	1600	1300	1500	2600	3200	2400
Barium [Ba]	87	140	62	73	86	92
Chromium [Cr]	45	110	22	34	45	55
Zirconium [Zr]	< 1	4	7	2	3	< 1
Copper [Cu]	31	51	51	430	350	120
Nickel [Ni]	31	43	26	57	95	51
Lead [Pb]	10	14	12	14	15	16
Zinc [Zn]	75	64	58	24	24	35
Vanadium [V]	42	44	23	29	21	47
Strontium [Sr]	17	34	13	15	36	20
Cobalt [Co]	26	17	22	25	56	23
Molybdenum [Mo]	4	< 2	< 2	< 2	< 2	6
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	4	8	12	14	5
Scandium [Sc]	< 1	2	< 1	2	2	< 1
Tungsten [W]	20	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	< 10	10	< 10	< 10	< 10
Thorium [Th]	50	< 10	50	50	10	30
Arsenic [As]	< 5	5	< 5	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :

Dennis Poljich

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
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I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1116 - 9
 T.S.L. File No. : DC02MB
 T.S.L. Invoice No. : 15793

PROJECT: PUP OREQUEST CONSULTANTS R-2623

ALL RESULTS PPM

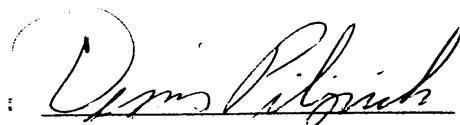
EH L1+00S 1+75W EH L1+00S 2+00W EH L2+00S 2+00W EH L2+00S 1+75W EH L2+00S 1+50W EH L2+00S 1+25W

ELEMENT

Aluminum [Al]	8400	9700	10000	14000	6500	5300
Iron [Fe]	60000	37000	22000	45000	24000	38000
Calcium [Ca]	3100	1700	600	520	1300	2500
Magnesium [Mg]	1800	2700	1300	2000	1600	920
Sodium [Na]	90	580	70	70	640	60
Potassium [K]	1300	1200	240	260	750	450
Titanium [Ti]	710	230	460	1000	410	550
Manganese [Mn]	32	610	87	95	620	110
Phosphorus [P]	1700	1400	510	680	630	2200
Barium [Ba]	280	120	45	41	81	63
Chromium [Cr]	42	25	21	35	32	34
Zirconium [Zr]	1	< 1	< 1	6	1	< 1
Copper [Cu]	59	38	27	28	18	100
Nickel [Ni]	10	14	6	13	15	28
Lead [Pb]	7	33	16	17	12	10
Zinc [Zn]	26	89	28	35	47	24
Vanadium [V]	49	42	59	110	37	24
Strontium [Sr]	34	17	12	8	12	11
Cobalt [Co]	< 1	14	2	3	7	10
Molybdenum [Mo]	18	6	4	2	6	2
Silver [Ag]	< 1	1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	2	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	3	5	2	3	4	3
Scandium [Sc]	< 1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	< 10	60	< 10	< 10
Arsenic [As]	10	10	5	15	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
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 Vancouver B.C. V6C 2X6
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1116 - 10
 T.S.L. File No. : 0C02MB
 T.S.L. Invoice No. : 15793

PROJET: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

EH L2+00S 1+00W EH L2+00S 0+75W EH L2+00S 0+50W EH L2+00S 0+25W EH L2+00S 0+00 EH L2+00S 0+25E

ELEMENT

Aluminum [Al]	26000	9000	9400	11000	7400	8200
Iron [Fe]	53000	25000	50000	41000	29000	37000
Calcium [Ca]	460	340	640	320	920	360
Magnesium [Mg]	1600	890	1300	1300	1800	600
Sodium [Na]	50	160	50	40	60	40
Potassium [K]	170	250	140	100	280	190
Titanium [Ti]	1300	1400	2600	1500	870	1600
Manganese [Mn]	90	83	77	86	100	56
Phosphorus [P]	380	300	510	400	580	480
Barium [Ba]	43	38	87	42	42	37
Chromium [Cr]	43	20	11	12	21	23
Zirconium [Zr]	36	6	5	9	4	5
Copper [Cu]	37	18	70	43	31	63
Nickel [Ni]	11	6	8	8	10	20
Lead [Pb]	27	16	13	11	11	24
Zinc [Zn]	56	34	22	20	26	50
Vanadium [V]	110	75	78	76	63	91
Strontium [Sr]	7	6	9	7	16	6
Cobalt [Co]	2	2	4	2	3	5
Molybdenum [Mo]	2	4	< 2	< 2	2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	6	2	3	3	2	2
Scandium [Sc]	1	< 1	< 1	< 1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	10
Niobium [Nb]	20	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	< 10	60	< 10	< 10	< 10
Arsenic [As]	15	5	< 5	10	5	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : OCT-03-1990

SIGNED :

Don Pilgrich

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
TELEPHONE #: (306) 931 - 1033
FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1116 - 11
T.S.L. File No. : 0C02MB
T.S.L. Invoice No. : 15793

ATTN: J. FOSTER PROJECT: PUP OREQUEST CONSULTANTS R-2623 ALL RESULTS PPM

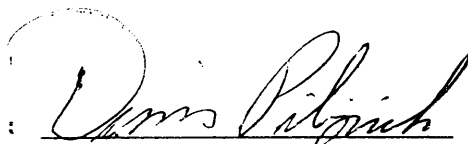
EH L2+00S 0+50E

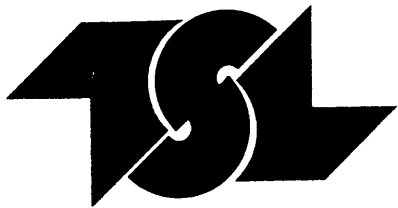
ELEMENT

Aluminum [Al]	7900
Iron [Fe]	20000
Calcium [Ca]	640
Magnesium [Mg]	670
Sodium [Na]	90
Potassium [K]	240
Titanium [Ti]	750
Manganese [Mn]	48
Phosphorus [P]	340
Barium [Ba]	40
Chromium [Cr]	8
Zirconium [Zr]	4
Copper [Cu]	25
Nickel [Ni]	8
Lead [Pb]	6
Zinc [Zn]	20
Vanadium [V]	35
Strontium [Sr]	7
Cobalt [Co]	1
Molybdenum [Mo]	2
Silver [Ag]	< 1
Cadmium [Cd]	< 1
Beryllium [Be]	< 1
Boron [B]	< 10
Antimony [Sb]	< 5
Yttrium [Y]	3
Scandium [Sc]	< 1
Tungsten [W]	< 10
Niobium [Nb]	< 10
Thorium [Th]	< 10
Arsenic [As]	15
Bismuth [Bi]	< 5
Tin [Sn]	< 10
Lithium [Li]	< 5
Holmium [Ho]	< 10

DATE : OCT-03-1990

SIGNED :





TSL LABORATORIES

DIV. BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET, EAST
SASKATOON, SASKATCHEWAN
S7K 6A4

(306) 931-1033 FAX: (306) 242-4717

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.
Prime Capital Place
10th Floor-Box 10
808 West Hastings Street.
Vancouver, B.C. V6C 2X6

REPORT No.
S1158

INVOICE #: 15716

P.O.: R-2628

SAMPLE(S) OF Soils

Marco V.
Project PUP

REMARKS: Wrangell Samples-OreQuest Consultants

	Au ppb
PL15 0+00	10
PL15 0+50W	5
PL15 1+00W	<5
PL15 1+50W	<5
PL15 2+00W	5
PL15 2+50W	<5
PL15 3+00W	10
PL15 3+50W	<5
PL15 4+00W	5
PL15 4+50W	15
PL15 5+00W	5
PL15 5+50W	10
PL15 6+00W	<5
PL15 6+50W	5
PL15 7+00W	<5
PL15 7+50W	5
PL15 8+00W	<5
PL15 8+50W	<5
PL15 9+00W	<5

COPIES TO: J. Foster, P. Lougheed
INVOICE TO: Prime-Vancouver

Oct 02/90

SIGNED

Page 1 of 1



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: (306) 931 - 1033

FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
Vancouver B.C. V6C 2X6
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 1158 - 1
T.S.L. File No. : F:MB202
T.S.L. Invoice No. : 15851

PROJECT: PUP OREQUEST CONSULTANTS ALL RESULTS PPM

ELEMENT	PL15 0+00	PL15 0+50W	PL15 1+00W	PL15 1+50W	PL15 2+00W	PL15 2+50W	PL15 3+00W
Aluminum [Al]	9500	18000	23000	20000	15000	19000	20000
Iron [Fe]	17000	26000	46000	35000	16000	34000	35000
Calcium [Ca]	1600	3300	3100	1400	780	2000	1600
Magnesium [Mg]	2200	4800	4300	4300	2000	3200	4100
Sodium [Na]	460	100	220	210	590	250	250
Potassium [K]	640	410	340	500	580	450	420
Titanium [Ti]	590	400	750	1200	1000	700	910
Manganese [Mn]	480	800	1400	820	230	1200	990
Phosphorus [P]	580	1300	1100	1200	570	950	1200
Barium [Ba]	68	48	41	32	37	53	35
Chromium [Cr]	36	120	61	55	41	49	43
Zirconium [Zr]	5	2	5	3	10	< 1	1
Copper [Cu]	15	71	150	100	38	100	69
Nickel [Ni]	24	77	45	38	18	28	27
Lead [Pb]	10	8	46	12	9	10	12
Zinc [Zn]	56	82	170	94	42	74	93
Vanadium [V]	21	38	53	59	23	37	41
Strontium [Sr]	10	17	17	12	7	19	12
Cobalt [Co]	6	15	24	16	3	18	16
Molybdenum [Mo]	< 2	< 2	4	2	4	2	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	< 1	1	< 1	1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	5	6	14	12	7	9	8
Scandium [Sc]	< 1	< 1	2	5	< 1	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	20	< 10	< 10
Niobium [Nb]	20	< 10	20	10	20	< 10	< 10
Thorium [Th]	< 10	< 10	30	30	< 10	30	20
Arsenic [As]	20	5	25	15	< 5	10	< 5
Bismuth [Bi]	< 5	< 5	5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	5	5	< 5	< 5	5
Holmium [Ho]	< 10	10	20	20	< 10	< 10	10

DATE : OCT-09-1990

SIGNED :

Bernie Ouna

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4

TELEPHONE #: (306) 931 - 1033

FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.

10th Floor Box 10

808 West Hastings St.

Vancouver B.C. V6C 2X6

ATTN: J. FOSTER

PROJECT: PUP

OREQUEST CONSULTANTS

ALL RESULTS PPM

T.S.L. REPORT No. : S - 1158 - 2

T.S.L. File No. : F:MB202

T.S.L. Invoice No. : 15851

ELEMENT	PL15 3+50W	PL15 4+00W	PL15 4+50W	PL15 5+00W	PL15 5+50W	PL15 6+00W	PL15 6+50W
Aluminum [Al]	11000	20000	19000	23000	19000	9900	11000
Iron [Fe]	21000	29000	29000	30000	22000	9700	18000
Calcium [Ca]	940	1100	860	1800	780	680	1200
Magnesium [Mg]	1900	3700	3000	3700	1500	980	2200
Sodium [Na]	810	120	130	370	120	2000	690
Potassium [K]	810	320	360	560	210	1600	740
Titanium [Ti]	480	1500	1800	1600	2200	520	1100
Manganese [Mn]	510	490	230	460	160	160	330
Phosphorus [P]	510	590	780	1100	610	150	610
Barium [Ba]	53	25	23	32	22	7	35
Chromium [Cr]	31	41	34	39	20	5	44
Zirconium [Zr]	24	3	5	5	14	71	12
Copper [Cu]	39	46	36	48	23	6	21
Nickel [Ni]	16	26	15	24	7	5	19
Lead [Pb]	5	10	11	11	9	4	11
Zinc [Zn]	58	75	51	77	43	32	56
Vanadium [V]	18	52	60	50	46	7	32
Strontium [Sr]	10	11	10	14	7	4	10
Cobalt [Co]	7	8	4	7	2	1	4
Molybdenum [Mo]	4	4	2	4	< 2	< 2	4
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	1	< 1	< 1	< 1	< 1	2	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	12	6	7	9	8	8	5
Scandium [Sc]	2	2	3	2	1	< 1	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	10	< 10	10	20	10	10	20
Thorium [Th]	< 10	40	20	50	< 10	< 10	< 10
Arsenic [As]	< 5	5	10	< 5	5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	20	20	20	20	< 10	< 10

DATE : OCT-09-1990

SIGNED :

Bernie Owen

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
 TELEPHONE #: (306) 931 - 1033
 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.
 10th Floor Box 10
 808 West Hastings St.
 Vancouver B.C. V6C 2X6

T.S.L. REPORT No. : S - 1158 - 3
 T.S.L. File No. : F:MB202
 T.S.L. Invoice No. : 15851

ATTN: J. FOSTER PROJECT PUP OREQQUEST CONSULTANTS ALL RESULTS PPM

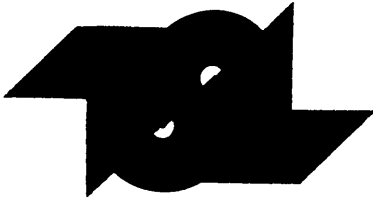
ELEMENT	PL15 7+00W	PL15 7+50W	PL15 B+00W	PL15 B+50W	PL15 9+00W
Aluminum [Al]	8600	16000	26000	23000	23000
Iron [Fe]	15000	32000	32000	31000	29000
Calcium [Ca]	720	1600	1900	960	2500
Magnesium [Mg]	1400	3800	6000	5500	5700
Sodium [Na]	950	460	140	250	370
Potassium [K]	820	830	1400	740	2600
Titanium [Ti]	1000	1300	2300	2800	1900
Manganese [Mn]	350	1100	700	400	600
Phosphorus [P]	480	1100	650	700	680
Barium [Ba]	27	76	14	16	28
Chromium [Cr]	32	38	160	180	80
Zirconium [Zr]	13	8	1	3	4
Copper [Cu]	12	72	57	43	75
Nickel [Ni]	12	23	45	55	30
Lead [Pb]	9	9	5	5	5
Zinc [Zn]	39	93	63	60	80
Vanadium [V]	19	48	84	110	76
Strontium [Sr]	5	14	11	6	14
Cobalt [Co]	3	13	19	9	14
Molybdenum [Mo]	< 2	2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	10	< 5	< 5
Yttrium [Y]	5	12	4	4	7
Scandium [Sc]	< 1	3	2	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	20	10	10	< 10	< 10
Thorium [Th]	< 10	50	< 10	< 10	30
Arsenic [As]	< 5	10	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	10	10	10
Holmium [Ho]	< 10	10	40	40	30

DATE : OCT-09-1990

SIGNED :

Bernie Dunn

APPENDIX C
ANALYTICAL PROCEDURES



T S L LABORATORIES

DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET,
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

OreQuest Consultants Ltd.
306 - 595 Howe Street
Vancouver, B.C.
V6C 2T5

Jan. 9/90

1 - SAMPLE PREPARATION PROCEDURES
Rock and Core

- Entire sample is crushed, riffled and the subsequent split is pulverized to -150 mesh.

Soils and Silts

- Sample is dried and sieved to -80 mesh.

2 - FIRE ASSAY PROCEDURES

Geochem Gold (Au ppb) -

A 30g subsample is fused, cupelled and the subsequent dore' bead is dissolved in aqua regia. The solution is then analyzed on the Atomic Absorption.

Assay Gold (Au oz/ton) -

A 29.16g subsample is fused, cupelled and the subsequent dore' bead is parted with a dilute nitric acid solution. The gold obtained is rinsed with DI water, annealed and weighed on a microbalance.

3 - Geochem Silver (Ag ppm) -

A 1g subsample is digested with 5mls of aqua regia for 1 1/2 to 2 hours, then diluted with DI H2O. The solutions are then run on the Atomic Absorption.

Assay Silver (Ag oz/ton) -

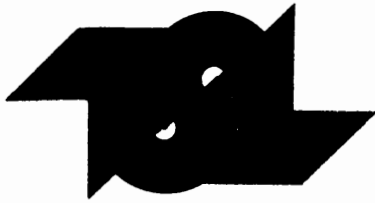
A 2.00g sample is digested with 15mls HCl plus 5mls HNO3 for 1 hour in a covered beaker; diluted to 100mls with 1:1 HCl. The solution is run on the Atomic Absorption.

4 - BASE METALS

Geochem - A 1g subsample is digested with 5mls of aqua regia for 1 1/2 to 2 hours, then diluted with DI H2O. The solutions are then run on the Atomic Absorption.

Assay - A 0.500g sample is taken to dryness with 15mls HCl plus 5mls HNO3, then redissolved with 5mls HNO3 and diluted to 100mls with DI H2O. The solution is run on the Atomic Absorption.

con't...



T S L LABORATORIES

DIVISION OF BURGNER TECHNICAL ENTERPRISES LIMITED

2 - 302 - 48th STREET,
SASKATOON, SASKATCHEWAN
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

Page 2.

5. ICAP Geochemical Analysis -

A 1g subsample is digested with 5mls of aqua regia for 1 1/2 to 2 hours, then diluted with DI H₂O. The solutions are then run on the ICAP.

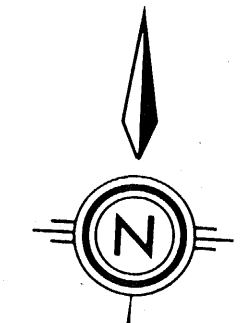
6. Heavy Mineral Concentrates -

The sample is initially wet sieved through -1700 micron, then placed on a shaker table. A heavy liquid separation is performed, Methylene Iodide, (S.G. - 3.3); diluted to give a S.G. of 2.96. The heavies were then analyzed for Au by Fire Assay plus an ICAP Scan.

Yours truly,

Bernie Dunn

BD/vh



UTM Grid is 2°06' west of True North

LEGEND

- INTRUSIVE ROCKS**
 - TERTIARY**
 - Dykes and Sills
 - Undivided, probable Tertiary dykes
 - 14a** Feldspar or hornblende-feldspar porphyry
 - 14b** Basalt (gabbro)
 - 14c** Lamprophyre (biotite minette)
 - 14d** Diabase
 - MIDDLE TRIASSIC to ? MIDDLE JURASSIC**
 - Galore Creek intrusions
 - Undivided Galore Creek intrusive rocks
 - 11a** Syenite
 - 11b** Orthoclase porphyritic monzonite
 - 11c** Biotite-hornblende quartz monzonite-to-granodiorite
- STRATIFIED ROCKS**
 - MESOZOIC "STIKINIAN" STRATA**
 - UPPER TRIASSIC**
 - Stuhini Group
 - 8** Undivided volcanic, pyroclastic and volcanoclastic rock
 - 8a** Shale, siltstone, argillite, limestone, conglomerate
 - 8b** Augite porphyritic basalt and andesite flows, breccia and agglomerate; aphanitic and plagioclase-porphyritic andesite
 - 8c** Bedded augite crystal tuff, tuffaceous siltstone
 - 8d** Volcanoclastic agglomerate with subangular to sub-rounded clasts
 - 8g** Agglomerate
 - 8l** Lapilli tuff
 - 8s** Ash tuff
 - 8x** Crystal tuff
 - 8f** Andesite flow
 - MIDDLE to UPPER TRIASSIC (Un-named)**
 - 7** Undivided post-Permian, pre-Stuhini Group sedimentary strata, including pyroclastic rocks
 - 7a** Silticlastic and pyroclastic
 - 7b** Chert
 - PALEOZOIC "STIKINE ASSEMBLAGE"**
 - PERMIAN (Un-named)**
 - 6** Undivided Permian strata
 - 6a** Upper member Permian limestone-massive, light coloured

- SYMBOLS**
 - Geological boundary (defined, approximate)
 - Bedding, tops known, (horizontal, inclined, vertical, overturned, dip unknown)
 - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown)
 - Fault (defined, approximate)
 - Thrust fault
 - Dyke, vein (dip, width indicated)
 - Quartz vein stockwork
 - Fold axis plunge of folds
 - Isoclinal fold overturned (nappe)
 - Zone of bleaching
 - Gossan
- ABBREVIATIONS**
 - py pyrite
 - gn galena
 - mc malachite
 - and andesite
 - lst limestone
 - silst siltstone
 - ppr porphyry
 - ser sericite
 - cp chalcopyrite
 - po pyrrhotite
 - sp spalerite
 - arg argillite
 - hbl hornblende
 - fsp feldspar
 - qtz quartz
 - mt magnetite

GEOLOGICAL BRANCH ASSESSMENT REPORT

20,812

metres

OREQUEST

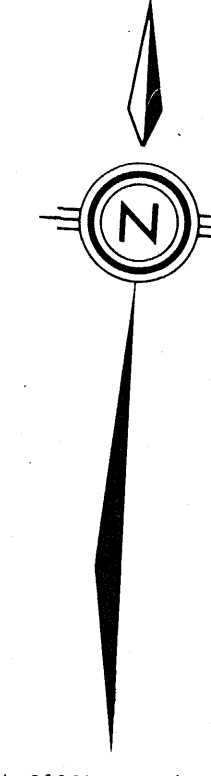
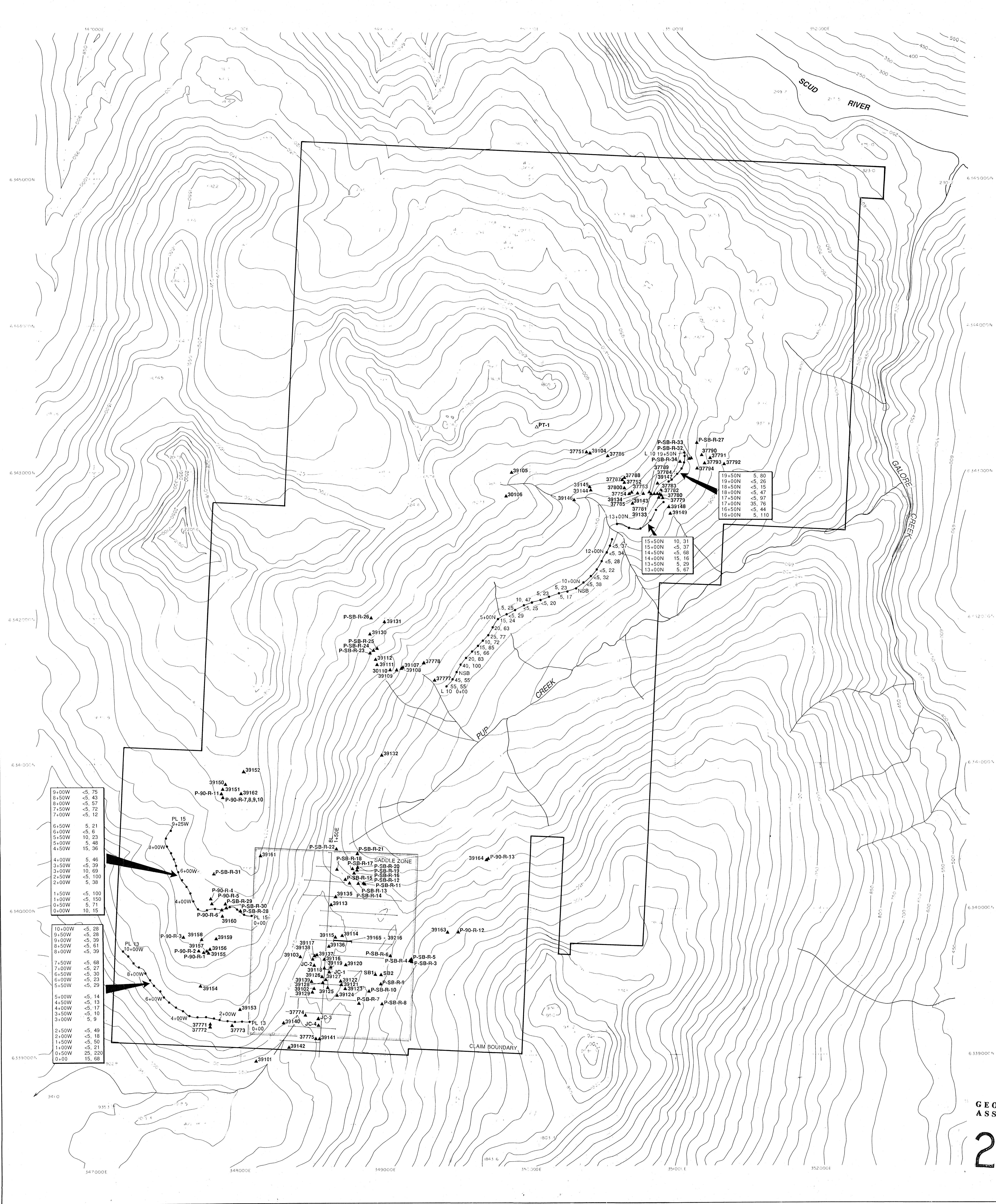
CONSOLIDATED GOLDWEST RESOURCES LTD.

Figure 5
PUP PROJECT
PROPERTY GEOLOGY

Liard Mining Division
British Columbia
NTS 104G/3W,4E

January 1991

XY3



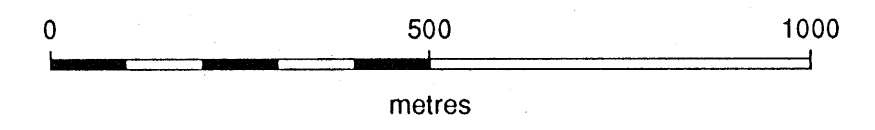
UTM Grid is 2°06' west of True North

SAMPLE No.	Au ppb	Cu ppm	Width (m)	SAMPLE No.	Au ppb	Cu ppm	Width (m)
*SB1	<5	20	2.0	*39141	5	600	0.4
*SB2	<5	110	GRAB	*39142	20	130	GRAB
*P-SB-R-3	<5	7	1.0	39143	5	410	GRAB
*P-SB-R-4	<5	8	2.0	39144	5	53	1.5
*P-SB-R-5	<5	8	2.0	39145	35	46	2.0
*P-SB-R-6	<5	98	GRAB	39146	20	71	1.0
*P-SB-R-7	<5	100	2.0	39147	<5	130	2.0
*P-SB-R-8	<5	120	1.7	39148	5	90	2.0
*P-SB-R-9	<5	23	GRAB	39149	<5	66	GRAB
*P-SB-R-10	<5	59	2.0	39150	<5	240	GRAB
*P-SB-R-11	<5	6	GRAB	39151	<5	110	GRAB
*P-SB-R-12	<5	9	GRAB	39152	<5	88	GRAB
*P-SB-R-13	<5	280	0.8	39153	<5	60	2.0
*P-SB-R-14	<5	96	GRAB	39154	<5	73	1.0
*P-SB-R-15	<5	130	2.0	39155	10	780	1.0
*P-SB-R-16	<5	9	GRAB	39156	<5	62	2.0
*P-SB-R-17	<5	20	130	39157	<5	42	3.0
*P-SB-R-18	<5	15	57	39158	<5	38	1.2
*P-SB-R-19	<5	15	80	39159	<5	66	GRAB
*P-SB-R-20	<5	33	0.7	39160	<5	81	GRAB
*P-SB-R-21	<5	110	2.0	39161	<5	18	2.0
*P-SB-R-22	<5	22	2.0	39162	10	14	2.0
*P-SB-R-23	<5	10	57	39163	5	15	0.3
*P-SB-R-24	<5	45	2.0	39164	5	5	2.0
*P-SB-R-25	<5	78	1.0	P-90-R-1	270	3500	0.2
*P-SB-R-26	<5	75	1.0	P-90-R-2	45	1200	0.3
*P-SB-R-27	<5	81	2.0	P-90-R-3	5	240	0.2
*P-SB-R-28	<5	87	2.0	P-90-R-4	<5	51	GRAB
*P-SB-R-29	<5	91	0.5	P-90-R-5	<5	190	GRAB
*P-SB-R-30	<5	73	0.4	P-90-R-6	<5	110	GRAB
*P-SB-R-31	<5	34	0.8	P-90-R-7	10	71	
*P-SB-R-32	<5	10	62	P-90-R-8	5	71	
*P-SB-R-33	<5	<1	1.0	P-90-R-9	<5	54	
*P-SB-R-34	<5	14	2.0	P-90-R-10	5	50	
39101	30	18	1.2	P-90-R-11	5	150	
*39102	180	860	GRAB	P-90-R-12	150	64	0.15
*39103	35	53	4.0	P-90-R-13	10	540	2.0
39104	15	52	GRAB	JC-1	5	120	GRAB
39105	10	79	GRAB	JC-2	80	470	GRAB
39106	5	15	GRAB	JC-3	40	160	GRAB
39107	40	490	0.5	JC-4	<5	33	GRAB
39108	230	3800	1.0	37751	140	78	GRAB
39109	30	310	0.4	37752	5	920	GRAB
39110	20	37	0.6	37753	10	430	GRAB
39111	5	84	GRAB	37754	15	770	GRAB
39112	30	130	1.0	37755	<5	310	GRAB
*39113	<5	38	GRAB	37756	5	32	GRAB
*39114	<5	80	GRAB	37757	5	140	GRAB
*39115	15	510	0.15	*37758	15	58	GRAB
*39116	30	110	GRAB	*37759	<5	75	GRAB
*39117	45	1200	GRAB	*37760	<5	1300	GRAB
*39118	10	17	GRAB	37761	20	1900	GRAB
*39119	20	50	1.8	37762	10	540	GRAB
*39120	20	66	2.0	37763	80	150	GRAB
*39121	5	45	GRAB	37764	150	5300	GRAB
*39122	10	10	GRAB	37765	40	1600	GRAB
*39123	10	23	1.2	37766	30	4100	GRAB
*39124	30	10	2.0	37767	40	320	GRAB
*39125	20	35	1.2	37768	<5	190	GRAB
*39126	50	35	1.8	37769	<5	120	GRAB
*39127	10	110	GRAB	37770	<5	120	GRAB
*39128	20	45	GRAB	37771	10	2300	GRAB
*39129	65	45	GRAB	37772	15	9400	GRAB
39130	5	100	0.3	37773	510	1800	GRAB
39131	<5	110	0.5	37774	5	380	GRAB
39132	5	130	GRAB	37775	<5	53	GRAB
39133	<5	380	GRAB	*37776	<5	310	GRAB
39134	<5	180	GRAB	37777	<5	170	GRAB
*39135	75	14000	GRAB	37778	<5	1100	GRAB
*39136	65	8600	GRAB	37779	65	1200	GRAB
*39137	230	2700	GRAB	37780	85	4300	GRAB
*39138	40	290	0.2	P-T-1	230	43	TALUS FINE
*39139	260	4300	GRAB	* SADDLE ZONE			
*39140	35	120	2.0				

CHIP SAMPLE No.	Au ppb	Cu ppm	Width (m)	CHIP SAMPLE No.	Au ppb	Cu ppm	Width (m)
39165	340	140	2.0	39190	15	270	1.4
39166	140	850	2.0	39191	120	380	1.6
39167	30	390	2.0	39192	40	180	1.4
39168	15	88	2.0	39193	75	360	2.0
39169	70	550	2.0	39194	20	300	2.0
39170	50	220	0.8	39195	30	250	1.8
37171	70	420	2.0	39196	40	350	2.0
39172	70	100	2.0	39197	<5	110	1.6
39173	30	120	2.0	39198	35	230	2.0
39174	130	260	2.0	39199	30	250	2.0
39175	55	250	2.0	39200	20	220	2.0
39176	50	170	2.0	39201	140	390	1.9
39177	35	380	2.0	39202	30	220	1.6
39178	110	1100	2.0	39203	25	250	1.7
39179	170	2900	2.0	39204	75	440	2.2
39180	40	510	GRAB	39205	60	330	2.0
39181	130	720	2.0	39206	75	480	2.0
39182	210	2000	2.0	39207	30	130	2.0
39183	160	1000	2.0	39208	20	120	1.5
39184	160	1700	2.0	39209	15	230	2.0
39185	270	360	1.5	39210	10	210	2.0
39186	190	1100	2.0	39211	20	120	1.1
39187	350	570	1.8	39212	5	170	1.4
39188	160	1000	2.0	39213	15	430	1.2
39189	280	970	2.2	39214	20	590	1.4
39215	20	290	1.2	39216	20	240	2.0

LEGEND

- ▲ Rock chip location
- Soil sample location
- △ Talus fine



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,812

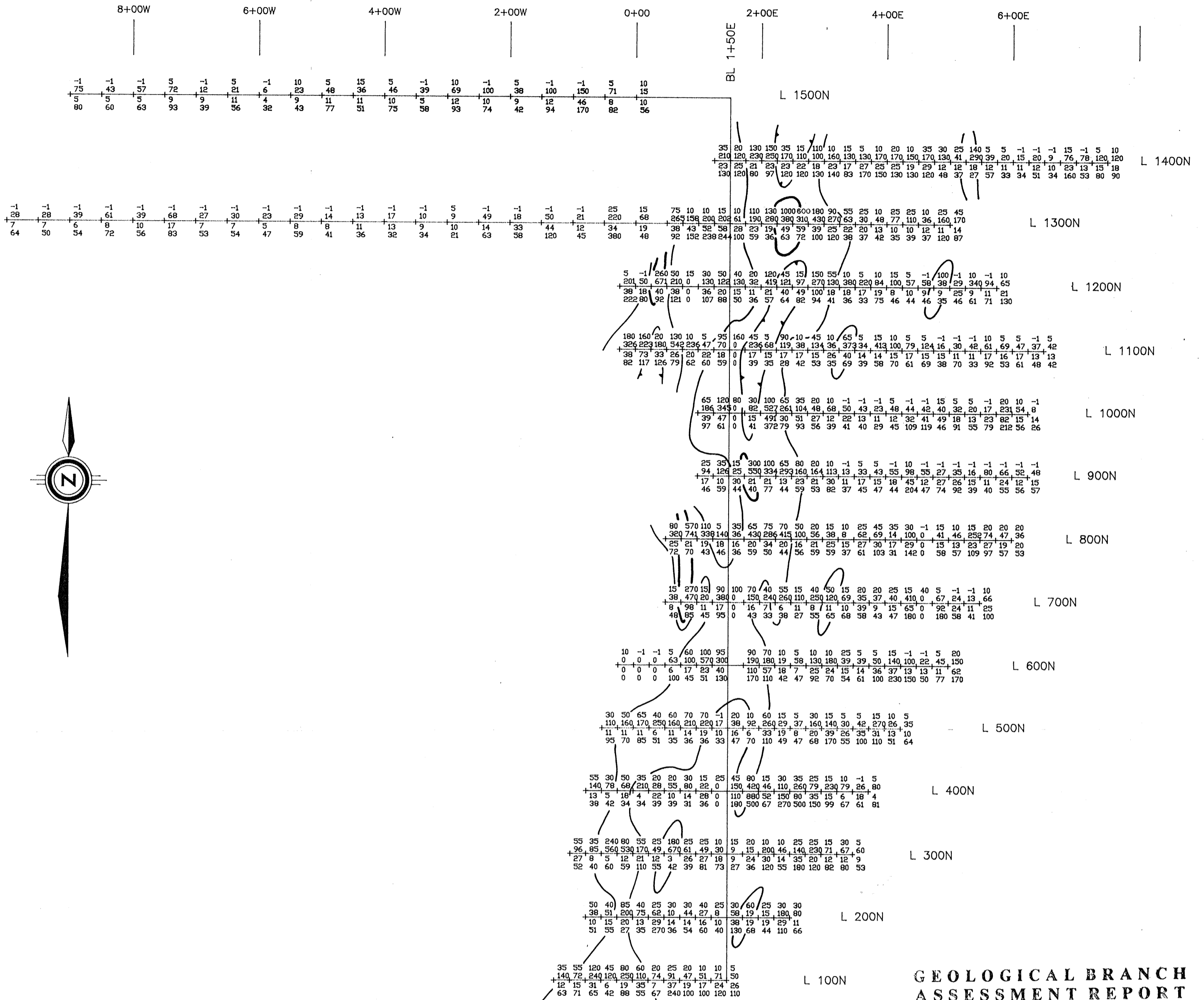
OREQUEST

CONSOLIDATED GOLDWEST RESOURCES LTD.

Figure 6
PUP LOCATION
**SAMPLE LOCATIONS
and RESULTS**

Liard Mining Division
British Columbia
NTS 104G/3W,4E

January 1991 XY3



LEGEND:

35 Au VALUE ppb
 +140 Cu VALUE ppm
 12 Pb VALUE ppm
 63 Zn VALUE ppm

50 ppb Au CONTOUR
 250 ppb Au CONTOUR



GEOLOGICAL BRANCH
 ASSESSMENT REPORT

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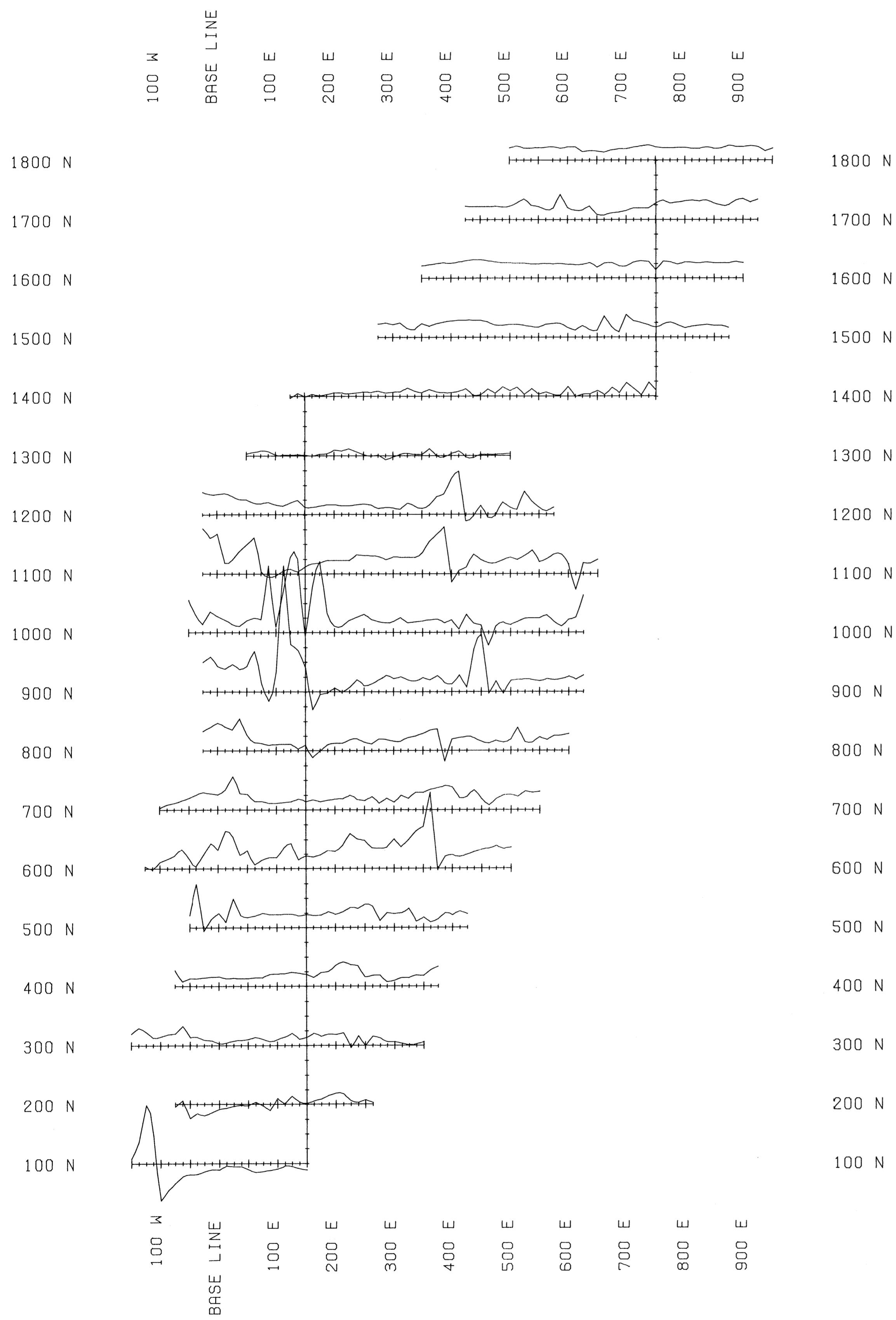
ORIEQUEST

CONSOLIDATED GOLDWEST RESOURCES LTD.

Figure 9
 PUP PROJECT
 Liard Mining Division
 SADDLE ZONE
 GEOCHEMISTRY
 British Columbia
 NTS: 104 G/3W, 4E

JANUARY 1991

Drafting RWR



LEGEND

PROFILES POSITIVE UP
 PROFILE SCALE: 200 NT/CM
 BASE VALUE: 57,200 NT

INSTRUMENTATION:
 FIELD UNIT: EDA OMNI PLUS PROTON
 PRECESSION MAGNETOMETER
 BASE STATION: EDA OMNI IV PROTON
 PRECESSION MAGNETOMETER

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

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PUP PROJECT

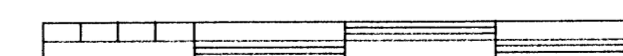
MAGNETOMETER SURVEY

TOTAL FIELD PROFILES

LIARD, M.D. 104G/4

SCALE 1 : 5000

100 0 100 200 300

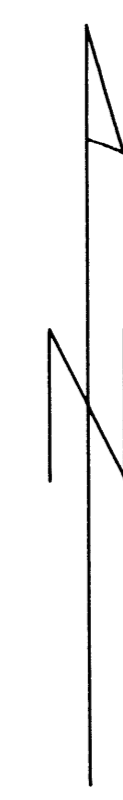
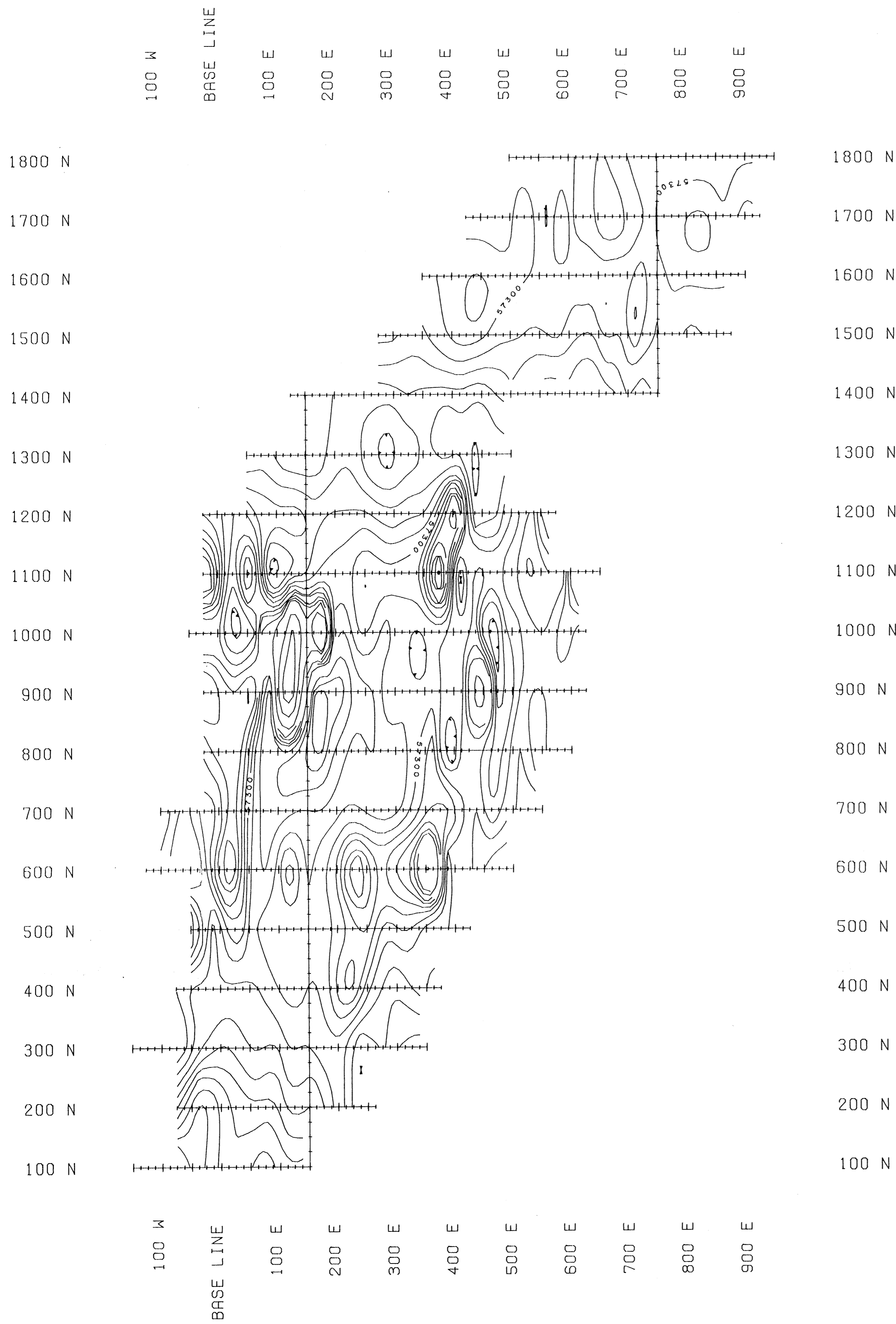


METRES

AUGUST 1990

PLATE G1A

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LEGEND

CONTOUR INTERVAL: 20 NT
 LABELLED INTERVAL: 100 NT
 MINIMUM VALUE: 56,947 NT
 MAXIMUM VALUE: 58,053 NT

INSTRUMENTATION:

FIELD UNIT: EDA OMNI PLUS PROTON
 PRECESSION MAGNETOMETER
 BASE STATION: EDA OMNI IV PROTON
 PRECESSION MAGNETOMETER

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

20,812

CONSOLIDATED GOLDWEST RESOURCES LTD.

PUP PROJECT

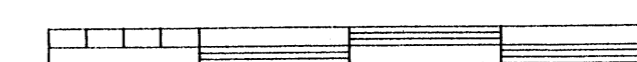
MAGNETOMETER SURVEY

CONTOURED TOTAL FIELD

LIARD, M.D. 104G/4

SCALE 1 : 5000

100 0 100 200 300

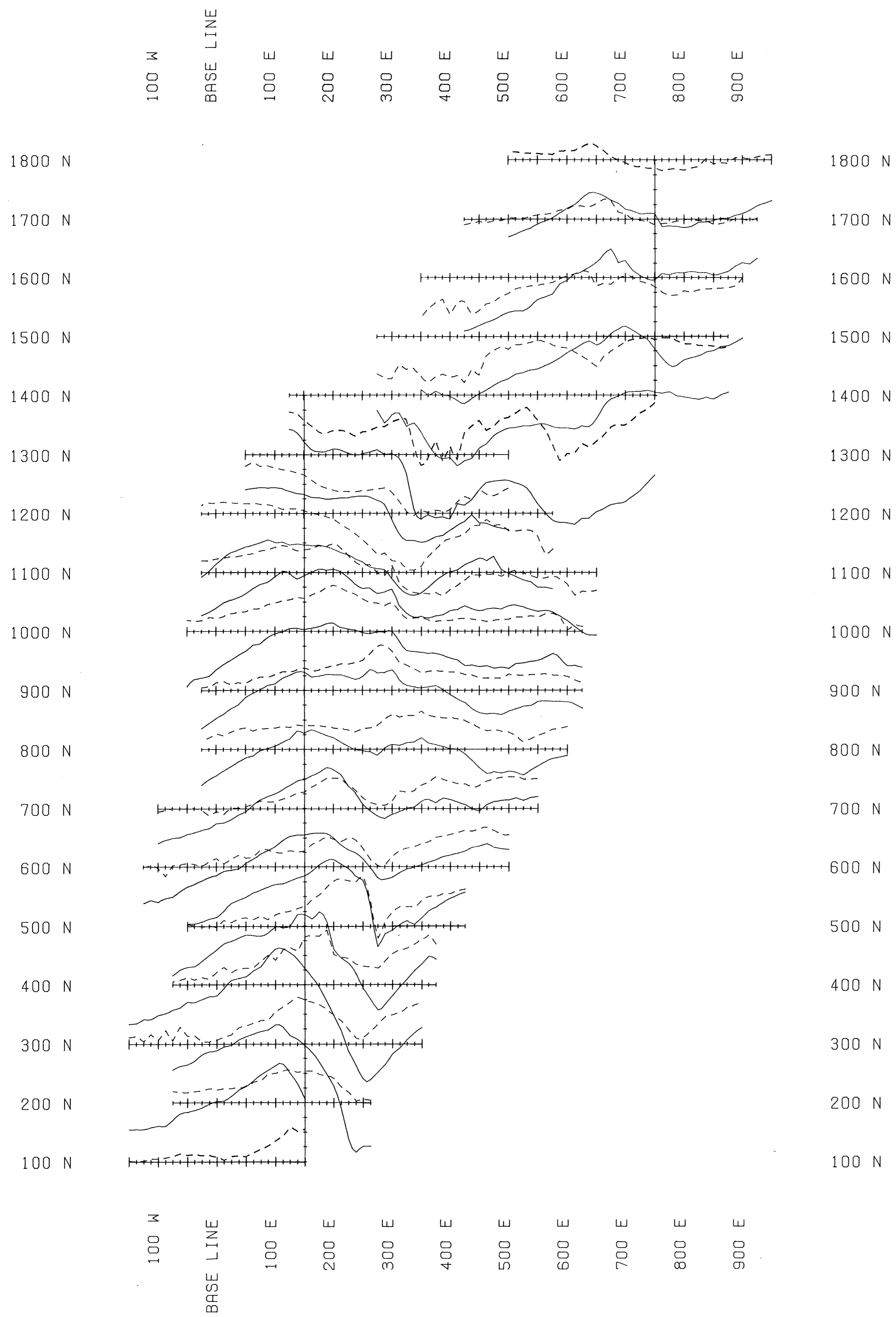


METRES

AUGUST 1990

PLATE G1B

SJ GEOPHYSICS LTD.



LEGEND

PROFILES POSITIVE UP
 DIP ANGLE - SOLID LINES
 PROFILE SCALE: 10% / CM
 BASE VALUE: 0%
 QUADRATURE - DASHED LINES
 PROFILE SCALE: 10% / CM
 BASE VALUE: 0%
 INSTRUMENTATION: EDA OMNI PLUS
 VLF-EM SYSTEM
 STATION: NLK, 24.8 KHZ (JIM CREEK)

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

20,812

CONSOLIDATED GOLDWEST RESOURCES LTD.

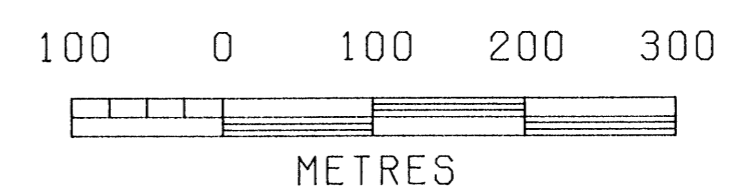
PUP PROJECT

VLF-EM SURVEY

DIP ANGLE AND QUADRATURE

LIARD, M.D. 104G/4

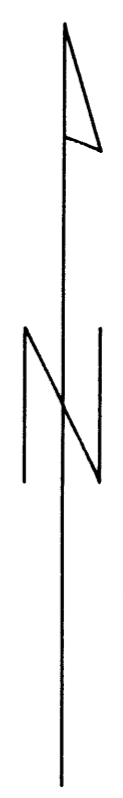
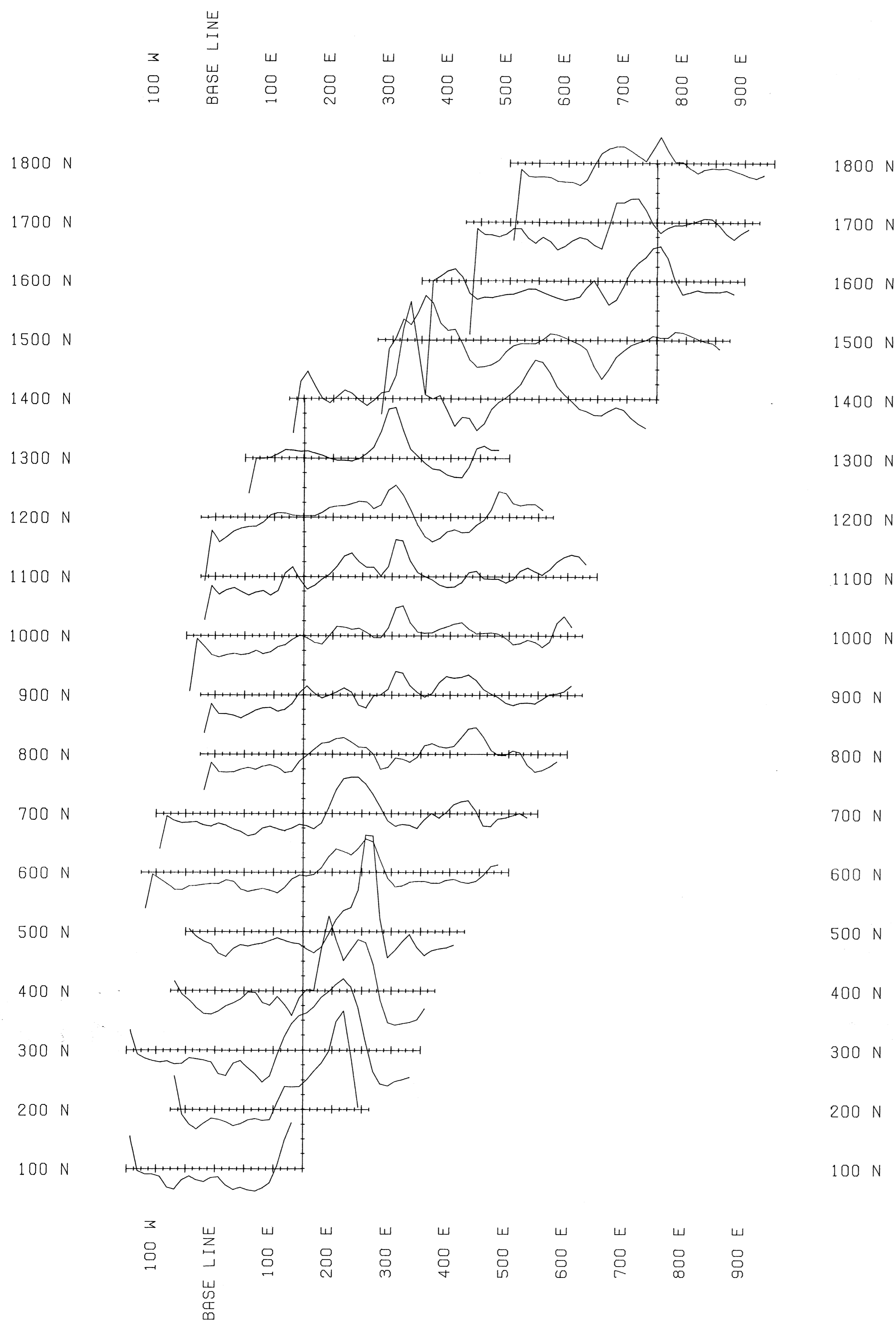
SCALE 1 : 5000



AUGUST 1990

PLATE G2A

SJ GEOPHYSICS LTD.



LEGEND
 DIP ANGLE - SOLID LINES
 PROFILE SCALE: 10% / CM
 BASE VALUE: 0%
 INSTRUMENTATION: EDA OMNI PLUS
 VLF-EM SYSTEM
 STATION: NLK, 24.8 KHZ (JIM CREEK)

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

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CONSOLIDATED GOLDWEST RESOURCES LTD.

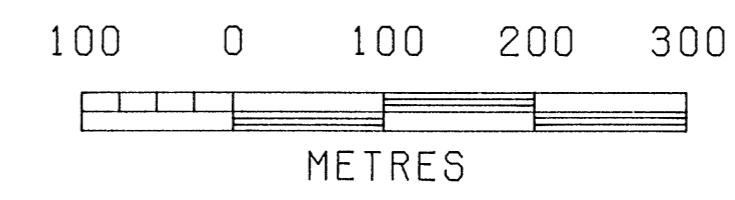
PUP PROJECT

VLF-EM SURVEY

FRASER FILTERED DIP ANGLE

LIARD, M.D. 104G/4

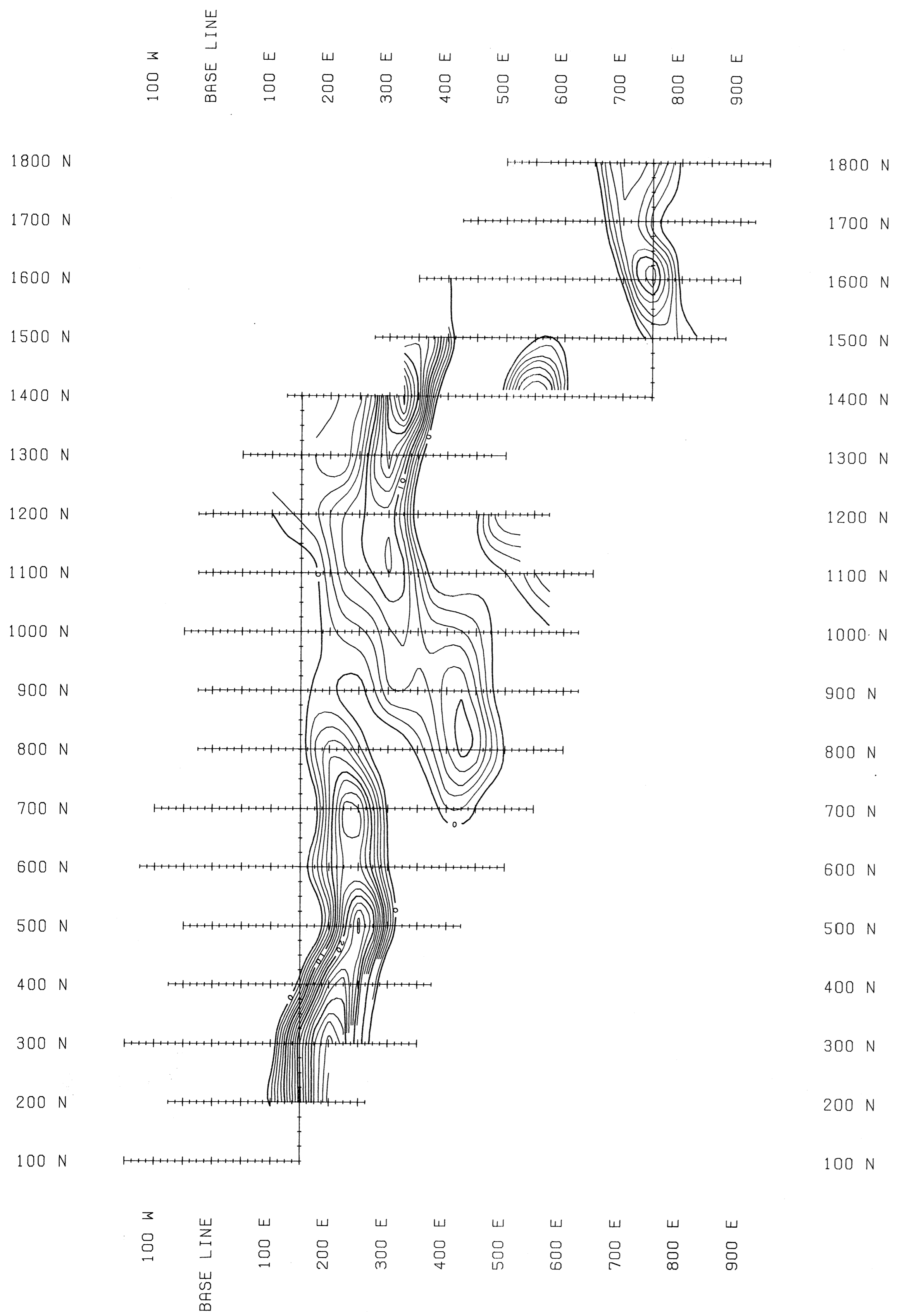
SCALE 1 : 5000



AUGUST 1990

PLATE G2B

SJ GEOPHYSICS LTD.



LEGEND
 NEGATIVE CONTOURS SUPPRESSED
 CONTOUR INTERVAL: 2%
 LABELLED INTERVAL: 10%
 INSTRUMENTATION: EDA OMNI PLUS
 VLF-EM SYSTEM
 STATION: NLK, 24.8 KHZ (JIM CREEK)

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

20,812

CONSOLIDATED GOLDWEST RESOURCES LTD.

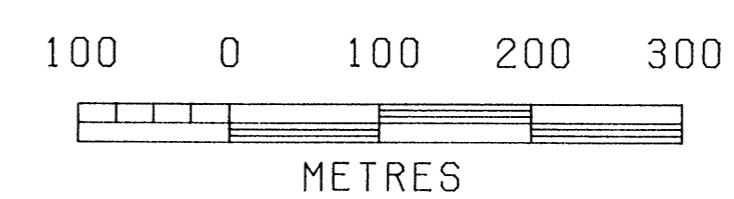
PUP PROJECT

VLF-EM SURVEY

CONTOURED FRASER FILTERED DIP ANGLE

LIARD, M.D. 104G/4

SCALE 1 : 5000



AUGUST 1990

PLATE G2C

SJ GEOPHYSICS LTD.