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SUMMARY REPORT  
ON THE  
AVONDALE RESOURCES INC.  
HALL PROJECT

ORN 1-4 CLAIMS  
NANAIMO MINING DIVISION  
BRITISH COLUMBIA

J. CHAPMAN, F.G.A.C.

October 10, 1990

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,387**

## SUMMARY

The Hall Project is located on southern Vancouver Island near the town of Chemainus, Figure 1. An exploration program consisting of line cutting mapping, prospecting, geochemical sampling and grid controlled geophysical surveys was carried out on the Avondale Resources Inc, Hall Project during May and June 1990.

The work was carried out by OreQuest Consultants Ltd under the direction of Prime Exploration Inc. To provide control for the geochemical and geophysical surveys a total of 47 line kilometres of cut grid was established, predominantly over the Orn #1 and #2 claims. The soil geochemical survey involved the collection of 975 samples, from the B horizon where possible, with all samples analyzed for gold and 33 element ICP. A combined magnetic and electromagnetic survey was also conducted over the grid area using a GSM - 19 unit.

Geological mapping was completed over the grid with additional traverses to cover parts of the Orn 3 and 4 claims. The mapping was done at a scale of 1:5000 during which time 52 rock samples were collected. Outcrop exposure is limited in this area due to extensive glacial till cover.

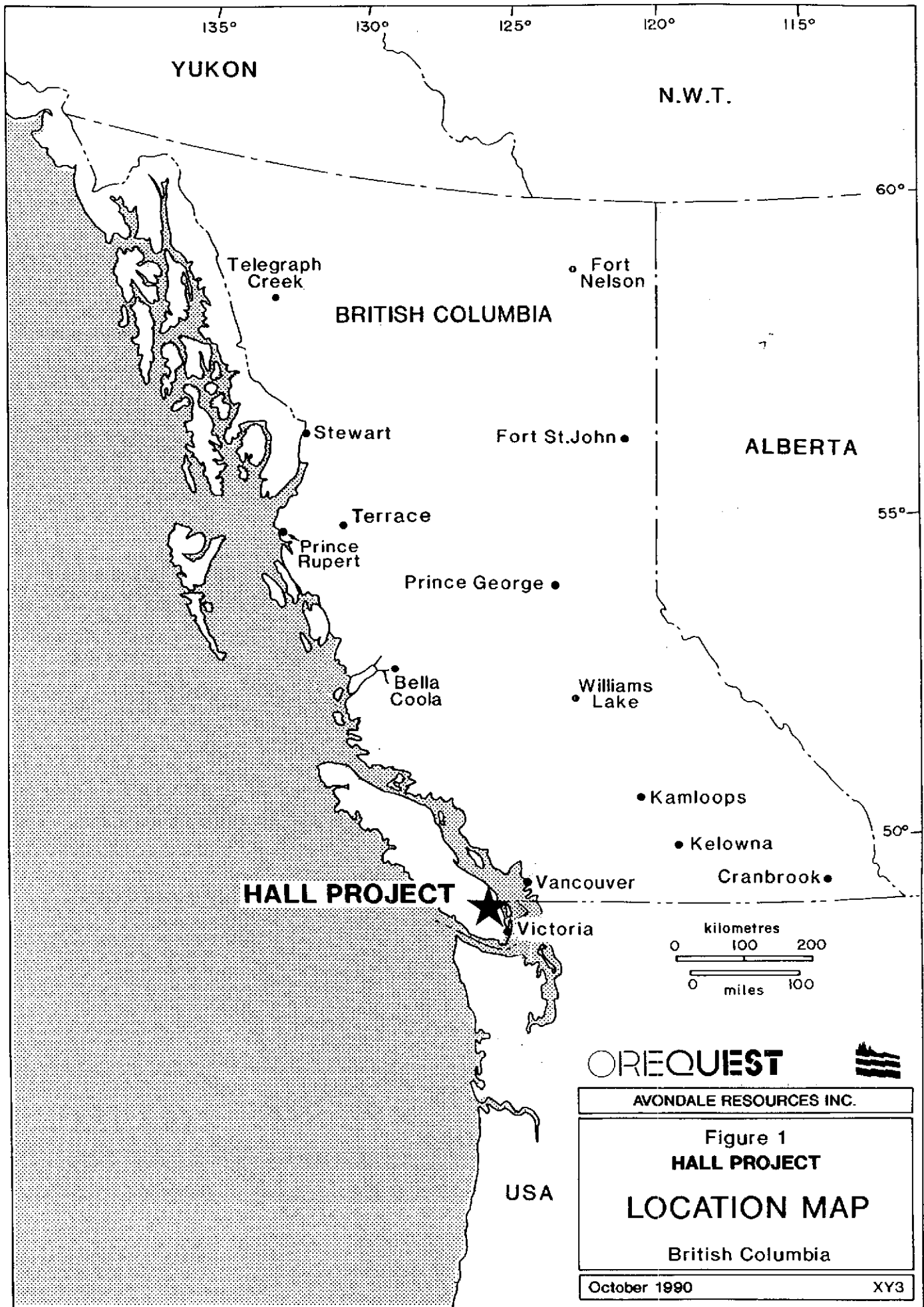


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## INTRODUCTION

A primary exploration program was undertaken by oreQuest Consultants Ltd. on behalf of Avondale Resources Inc. from May 7 to June 19, 1990, on the Hall property (Orn 1 to 4 claims). This report summarizes regional and property history, regional geology and reviews the 1990 exploration program. Work done consisted of linecutting, soil sampling, prospecting, geological mapping and VLF-EM and magnetic surveys.

## LOCATION AND ACCESS

The Hall property (Orn 1 to 4 claims) is located on southern Vancouver Island, British Columbia, approximately 50 km south of the city of Nanaimo. The claims are situated between latitude 48°54'N and 48°56'22"N and between longitude 123°53'08"W and 123°55'52"W in the Nanaimo Mining Division on NTS sheet 92 B/13W.

The town of Chemainus, 10 km to the east of the property is the closest support centre. Access to the south edge of the property is via MacMillan Blodel's Copper Canyon main road which crosses Highway 31 west of Chemainus. The northern portion of the property is accessed via Crown Forest roads west of Ladysmith, but these roads are fairly overgrown. The 1990 field crew was based in a camp located on the southwest corner of the property.

## CLIMATE, PHYSIOGRAPHY AND VEGETATION

The southern half of the property (Orn 1 and Orn 2 claims) spans the moderately sloped southern exposures of Mount Hall and Coronation Mountain, between which forms the headwaters of Solly Creek. These slopes are generally open with widespaced vegetation, although the creeks are more heavily vegetated. The northern half of the property (Orn 3 and Orn 4 claims) is characterized by the steep north facing slopes of Mount Hall and Coronation Mountain, parts of which have been logged and now consist of thick, immature second growth vegetation. Elevations range from 720 metres to 1320 metres at the peak of Coronation Mountain.

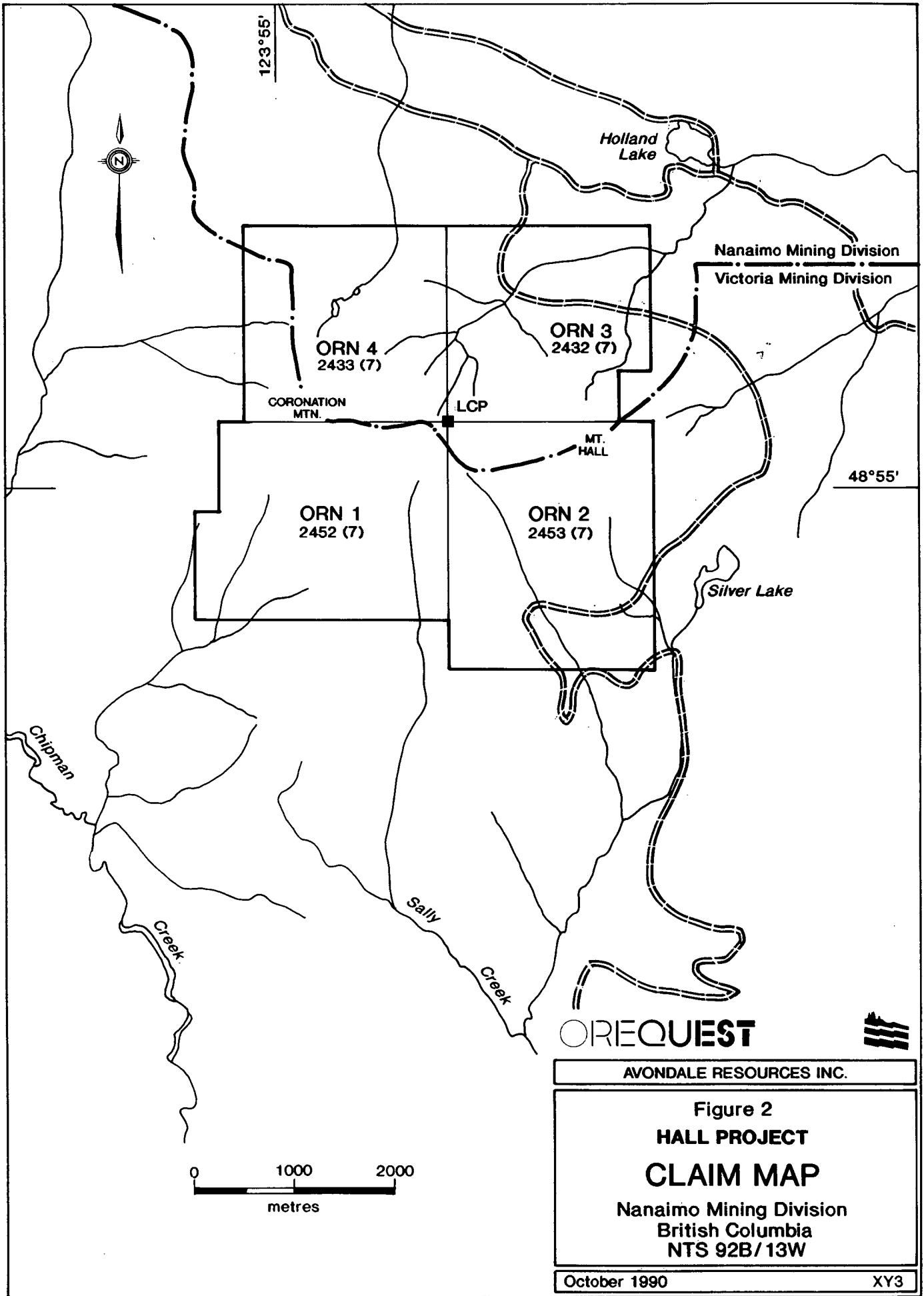
Vegetation consists of cedar, mixed with hemlock, balsam and douglas fir, ranging from immature in the logged areas to mature on the mountain tops and steep slopes. Underbrush consists of ferns, salal and immature evergreen trees.

## CLAIM STATUS

The Hall group consists of 4 claims totalling 72 units, as summarized below and shown on Figure 2.

TABLE 1CLAIM INFORMATION

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Expiry Date</u>
Orn 1	20	2452 (7)	July 17/86	July 17/98
Orn 2	20	2453 (7)	July 17/86	July 17/98
Orn 3	16	2432 (7)	July 17/86	July 17/98
Orn 4	16	2433 (7)	July 17/86	July 17/98



123°55'



Holland Lake

Nanaimo Mining Division  
Victoria Mining Division

ORN 4  
2433 (7)

ORN 3  
2432 (7)

CORONATION  
MTN.

LCP

MT.  
HALL

48°55'

ORN 1  
2452 (7)

ORN 2  
2453 (7)

Silver Lake

Chipman  
Creek

Creek

Sally  
Creek

Creek

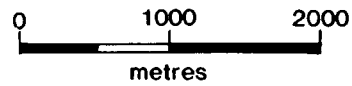
**OREQUEST**



AVONDALE RESOURCES INC.

Figure 2  
**HALL PROJECT**  
**CLAIM MAP**

Nanaimo Mining Division  
British Columbia  
NTS 92B/13W



October 1990

XY3



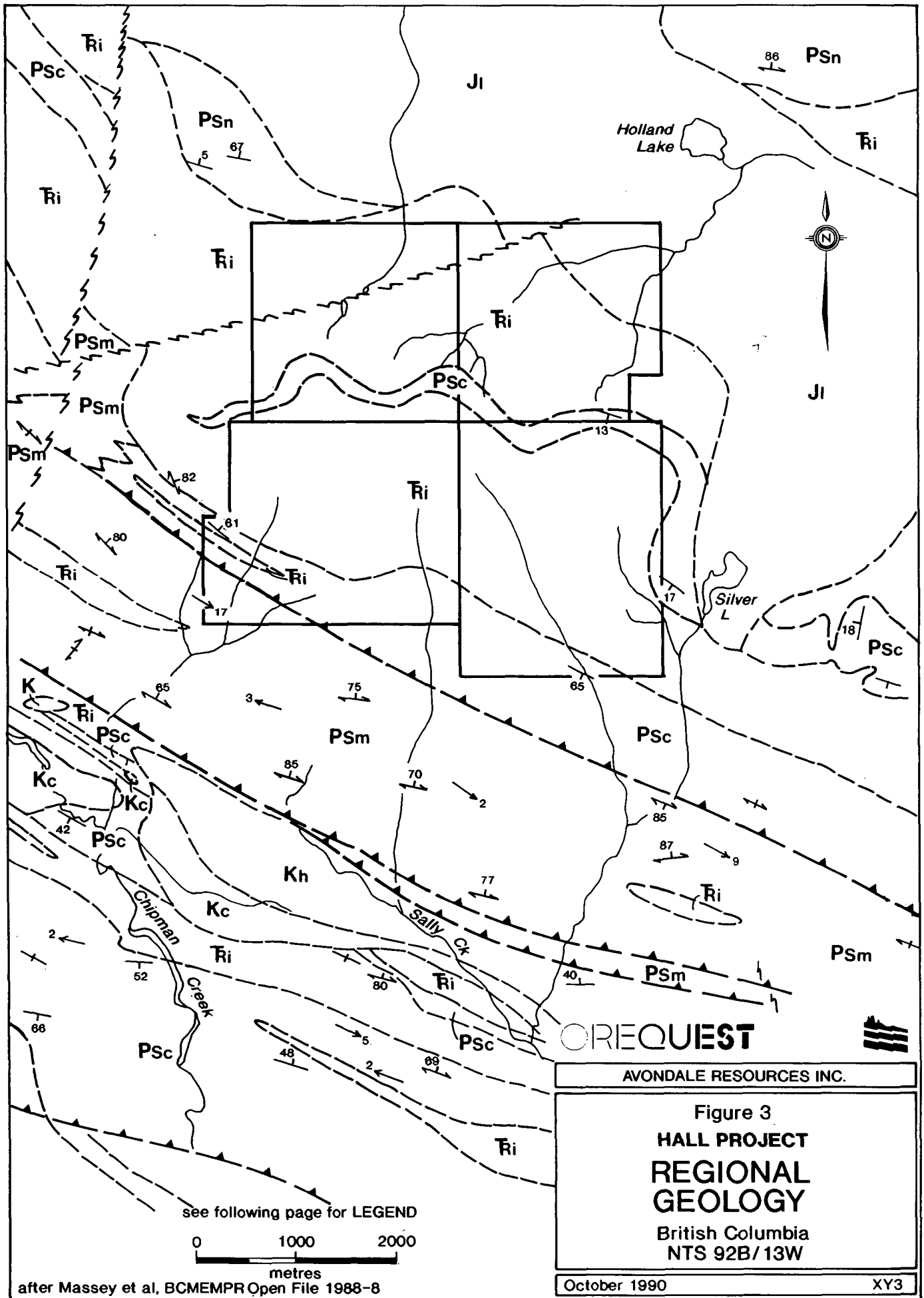
All claims in the Hall Group are owned by Avondale Resources Inc. The anniversary dates reflect assessment filed on the basis of work described in this report, for which approval is pending.

#### REGIONAL GEOLOGY

The geology of the Cowichan and Chemainus River Valleys was recently mapped at a scale of 1:20,000 by Massey (1987, 1988) and includes the Hall property area (Figure 3).

The Orn claims are located in the southeastern part of a belt of Paleozoic Sicker Group rocks, known as the Cowichan uplift, one of a series of major geanticlines constituting the structural fabric of southern Vancouver Island (Massey and Friday, 1989). The Paleozoic Sicker group represents the remnants of a mid-Paleozoic volcanic arc. Collectively, with the Upper Triassic Vancouver Group and the Jurassic Bonanza Group, they consist of three thick volcano-sedimentary cycles forming part of the allochthonous terrain termed the Wangellia terrain (Massey and Friday, 1989). These rocks have been intruded by the Middle Jurassic Island Intrusions (granodioritic stocks) and are unconformably overlain by Cretaceous sediments of the Nanaimo Group.

Sicker Group rocks are intruded by mafic sills and overlain unconformably by basaltic rocks of the late Triassic Karmutsen Formation (Vancouver Group). The Karmutsen and Sicker Group rocks have undergone several periods of post Late Triassic deformation (Bailes et al, 1987) including folding and faulting, resulting in a



after Massey et al, BCMEMPR Open File 1988-8

# REGIONAL GEOLOGY MAP LEGEND

## INTRUSIVE ROCKS

**H** MINOR INTRUSIONS (?Jurassic). *hornblende-feldspar porphyry*

## EARLY TO MIDDLE JURASSIC

**Ji** ISLAND INTRUSIONS: *diorite, granodiorite, quartz diorite often with abundant xenoliths, aplite*

## LATE TRIASSIC

**Ti** SILLS AND DYKES *diabase and gabbro (coeval with Karmutsen Formation)*

## LATE DEVONIAN

SALTPRING INTRUSIONS: *granodiorite and feldspar porphyry (S), quartz-feldspar porphyry (O)*

## VOLCANIC AND SEDIMENTARY ROCKS

### UPPER CRETACEOUS

#### NANAIMO GROUP

**Kcd** CEDAR DISTRICT FORMATION *argillite, siltstone*

**Ke** EXTENSION-PROTECTION FORMATION *boulder and pebble conglomerate, sandstone*

**Kh** HASLAM FORMATION *argillite, siltstone, shale and minor sandstone*

**Kc** COMOX FORMATION *boulder and pebble conglomerate, sandstone and minor siltstone*

### LOWER JURASSIC

**JB** BONANZA GROUP: *feldspar basalt, andesite, dacite, tuff, sandy tuff, crystal tuff, lapilli tuff and breccia, with minor argillite and sandstone*

### UPPER TRIASSIC

#### VANCOUVER GROUP

**Tp** PARSON BAY FORMATION *laminated siltstone, argillite, tuff, flaggy and biohermal limestone*

**Tq** QUATSINO FORMATION: *massive and bedded micrite, bioclastic micrite, laminated tuffaceous argillite and siltstone, hyaloclastite with limestone clasts*

**Tk** KARMUTSEN FORMATION: *pillowed and massive basaltic flows, hyaloclastite and hyaloclastite breccia*

### ?MIDDLE DEVONIAN TO LOWER PERMIAN

#### SICKER GROUP

**PSmm** MOUNT MARK FORMATION: *crinoidal limestone, bedded limestone, marble, chert, cherty argillite and siltstone*

**PSc** CAMERON RIVER FORMATION: *ribbon chert, cherty tuff, graphitic argillite, intercalated thinly bedded sandstone, siltstone and argillite, epiclastic sandstone, conglomerate*

**PSm** MCLAUGHLIN RIDGE FORMATION: *thickly bedded tuffite and lithic tuffite, feldspar-crystal tuff, heterolithic lapilli tuff and breccia, quartz-feldspar crystal tuff, rhyolite, dacite, laminated tuff, jasper and chert*

**PSn** NITINAT FORMATION: *pyroxene-feldspar phytic agglomerate, breccia and lapilli tuff, massive and pillowed flows, massive tuffite and lithic tuffite, laminated tuff, jasper and chert*

## SYMBOLS

Geological contact (defined, approximate, transitional) .....	
Limit of drift covered area .....	
Bedding (horizontal, inclined, overturned) .....	
Bedding estimated from pillows (inclined) .....	
Schistosity and cleavage (inclined, vertical) .....	
Lineation (inclination indicated) .....	
Axis of minor folds (plunge indicated) .....	
Fault (defined, approximate) .....	
Thrust fault (defined, approximate, assumed) teeth indicate upthrust side with dip indicated .....	
Anticline (with plunge indicated) .....	
Syncline (with plunge indicated) .....	

series of reverse high angle thrust faults near and in the project area.

#### PROPERTY HISTORY

Government geological mapping has been carried out over the Chemainus River-Duncan area by a number of geologists and compiled with previous work by J.R. Fyles, A. Sutherland Brown and P. Cowley. N.W. Massey (1988) has recently conducted regional mapping of the area at a scale of 1:20,000, which includes the Hall group of mineral claims.

Previous to 1986, no geological exploration work is known to have been carried out on the Hall Group. During June 1986 and July 1987, assessment work, consisting of reconnaissance geological mapping and rock and silt sampling was carried out by MPH Consulting Limited (T. Neale, 1987) for Avondale Resources Inc. They reported a magnetite-hornblende-rich border phase of the Island Intrusions dioritic rocks, up to at least 125 metres wide, developed at the contact with Sicker Group rocks. Quartz veining (up to 30 cm wide) within the border phase contains gold-silver-copper mineralization and returned grab sample results of up to 340 ppb gold, 8.5 ppm silver and 18,617 ppm copper. This mineralized zone was traced for approximately 800 metres on the northwest side of Mount Hall.

Exploration for mineral resources in the Chemainus River and Copper Canyon area has been undertaken since the turn of the century.

On Mount Sicker, approximately 8 km southeast of the Hall property, massive sulphides were discovered in 1898 with production from three small mines (Lenora, later known as the Twin J Mine, Tye and Richard III). Production ceased between the world wars, then from 1943 to 1947 the Twin J Mine was reactivated. Total production is reported to be 277,333 tonnes producing 1,384 kg gold, 28,066 kg silver, 9,569,708 kg copper and 20,847,567 kg zinc with at least 164,934 kg lead and 4.5 kg cadmium.

Following the success at Westmin Resources Limited's Buttle Lake Mine (150 km northwest of the Hall property) in 1980, exploration intensified in the Sicker Group rocks for additional volcanogenic, polymetallic massive sulphides, hosted by felsic volcanic tuffs of the McLaughlin Ridge Formation.

Exploration by Abermin Corporation on the Lara property (adjacent to the south of the Hall Group) started in 1981. Volcanic rocks of the McLaughlin Ridge Formation in the northern part of the property are thrust over a panel of Cameron River Formation sediments, Late Triassic gabbros and Nanaimo Group sediments to the south. The volcanic package contains a lower felsic tuff, a middle andesitic crystal-lapilli tuff and an upper felsic crystal tuff. Significant mineralization is hosted by the lower felsic tuff at two and possibly three, stratigraphic levels, of which the Coronation zone is the most promising. Mineralization consists of disseminated and bedded pyrite-sphalerite-chalcopyrite-galena within quartz crystal tuffs. Silica

and carbonate are the principal gangue minerals. The Coronation Zone has been delineated by drilling for about 3 km along strike, with intersections up to 14 m and averaging 6 m. Low grade sphalerite-pyrite-chalcopyrite mineralization is also found in the upper felsic crystal tuffs in which carbonate alteration is widespread (Massey and Friday, 1987). Probable reserves at the Lara deposit are listed as 529,000 tonnes grading 1.01% copper, 1.22% lead, 5.87% zinc, 4.73 g/t gold, 100.1 g/t silver (Legun et al, 1989). Additional parallel mineralized zones occur to the north of the main mineralized zone (Hawkins, 1988). The Randy North Zone, discovered in 1986, consists of three to six zinc-rich polymetallic zones with a strike length of approximately 2.4 km. The Randy North Zone is located about 2.1 km north of the Coronation Zone, striking towards the southwest corner of the Hall property.

#### PROPERTY GEOLOGY

A cut grid was established with a 4.4 km east-west baseline approximately through the centre of the Orn 1 and Orn 2 claims. North-south crosslines were cut at 200 m intervals for a total of 47 line kilometres with stations marked every 25 m. A total of 975 soil samples were collected. Geological mapping at a scale of 1:5000 was carried out over the grid and a total of 52 rock samples collected.

The southern slopes of Coronation Mountain and Mount Hall are covered extensively by thick glacial till, so rock exposure is minimal and the contacts assumed in many instances.

Outcrop along the old road cutting through the southwest corner of the property reveals greenish-grey sericite schist, striking northwest and dipping steeply to the northeast. Previous work has shown these rocks to be of the McLaughlin Ridge Formation of the Paleozoic Sicker Group, and probably are metamorphosed intermediate to felsic pyroclastics (effects of greenschist facies metamorphism). These rocks appear favourable for hosting mineralization as they are on the northwest extension of the "Randy zone" to the south, gold values however were <5 ppb with very weakly anomalous copper and zinc.

It is interesting to note Massey & Friday (1987) state that a thick package of quartz-crystal, quartz-feldspar-crystal and fine dust tuffs developed in the Chipman Creek - Mount Sicker area is host to polymetallic sulphide mineralization. It appears to be stratigraphically high within the formation. A distinctive maroon-colored schistose breccia and lapilli tuff forms the uppermost unit within the McLaughlin Ridge Formation and is seen in the Chipman Creek - Reinhart Creek area. Most contacts with overlying formations are faulted (massey and Friday), 1987).

The lack of exposure renders it difficult to place the rocks seen in the southwest corner of the Hall property in the correct stratigraphic position, but the greenish-grey sericite schist indicates we are not at the uppermost unit of the McLaughlin Ridge Formation.

The position of the regionally extensive reverse thrust fault, which brings McLaughlin Ridge volcanics into contact with younger rocks of the Cameron River Formation was not observed in outcrop, but it is postulated to occur along the southern edge of the property. Previous maps (Hawkins, 1988) indicate the thrust fault as heading southeast of the Orn 1 claim at approximately Line 7+00E (this years grid), but other evidence suggests it is further north, or perhaps cut by 1 or 2 major cross faults along which differential uplift has taken place. On the Lara property additional polymetallic massive sulphides have been discovered in drill core (CH89-108) on the Holyoak 3 claim. While mapping the property, a new drill hole had been spotted approximately 250 m south of the Orn 3 southern claim boundary to be drilled at an azimuth of 030° and to stop at the property boundary. To date, the majority of the diamond drill holes have been on azimuth 210°, dip -50° to -55°, and a switch in the direction of drilling to the northeast suggests that the favourable McLaughlin Ridge Formation may be folded, and at the northern edge of the Holyoak 3 claim is now dipping to the southwest. No outcrop was encountered on the southern Orn 2 claim to substantiate this theory further.

North of the McLaughlin Ridge Formation volcanics on the Orn 1 claim lie the unconformable Cameron River Formation sediments, also of the paleozoic Sicker Group. These consist of mainly laminated cherts and cherty siltstones as well as argillites. Geochemical analysis of Cameron River Formation sediments sampled on the Orn 1 claim (LL-02, LL-24, LL-46) did not contain gold (<5 ppb gold) and



only minor amounts of base metals. Samples LL-03 and LL-04, from a sheared contact zone with Karmutsen gabbro contained slightly anomalous nickel and zinc values with 93 ppm nickel, 50 ppm zinc, and 86 ppm nickel, 120 ppm zinc, respectively.

Intruding the Cameron River Formation are gabbro and diabase dykes, the intrusive component of the Triassic Karmutsen Formation, which acted in part as feeders to the overlying Karmutsen basaltic volcanics (Massey & Friday, 1987). They are medium to coarse-grained diabase and gabbro with minor diorite, commonly porphyritic with feldspar phenocrysts. Three samples collected on the Karmutsen Formation on the Orn 1 claim did not reveal anomalous gold or base metal values. To the east, on the Orn 2 claim, the dominant rock type exposed is a thick gabbroic body of the Karmutsen Formation. Of the gabbroic rocks sampled in this area, gold was 10 ppb or less. Anomalous copper values occurred in the intrusive adjacent to quartz veinlets (sample LL-20, 540 ppm copper) or containing quartz stringers (Sample LL-09, 800 ppm copper).

At the east-central edge of the Orn 2 claim, a granodiorite intrusive was mapped, medium to coarse-grained, equigranular with a characteristic salt and pepper texture. Granodioritic stocks known as Island Intrusions of Middle Jurassic age have been previously mapped by Massey and Friday (1987).

Due south of the granodioritic stock is a narrow lense of sediment (siltstone) probably of the Cameron River Formation, intruded by a feldspar porphyry dyke. Similar dykes are found intruding the gabbro on Line 36+00E at 8+75S and Line 32+75E at 2+75S. These dykes are though to be coeval with the granodioritic island intrusion with which they are spacially related.

Line 36+00E was extended over the north facing slope of Mount Hall (Orn 3 claim) to 20+00N, to tie in with MPH Consulting Limited's 1987 "Grid B". Line 36+00E passed just to the east of MPH Line 1+00W. Neale (1987) reported a horizon of magnetite-rich coarse-grained gabbro up to 125 m wide at the margin of a medium-grained gabbro sill. This magnetite-rich horizon is cut by numerous quartz veins up to 25 cm wide that are mineralized with pyrite/chalcopyrite and/or magnetite, up to 15%, 5% and 15% respectively.

Additional sampling in the 1990 exploration program found the best results returned from a breccia zone and adjacent oxide zone in the non-magnetic gabbro, just north of the contact with the magnetite-rich gabbro. Sample LL-34 from a 20 cm wide quartz-rich oxide zone assayed 240 ppb gold and 1200 ppm copper, while sample LL-33, a quartz-healed breccia returned values of 95 ppb gold and 1300 ppm copper.

The magnetite-rich gabbro to the south, fractured and cut by numerous quartz stringer and shear zones, also returned anomalous

values. Copper assayed between 310 ppm and 540 ppm, gold between 20 ppb and 85 ppb and sample LL-38 contained 14 ppm molybdenum.

The altered sediments adjacent to the magnetite-rich gabbro are moderately silicified with disseminations and veinlets of pyrite + pyrrhotite. The semi-massive sulphide veinlets trend northeast with shallow dips to the south/north. Gold values were  $\leq 10$  ppb, with copper as high as 1100 ppm (sample LL-26, 20 cm wide pyrite + pyrrhotite vein in cherty sediment).

#### SOIL GEOCHEMISTRY

An extensive soil geochemical survey was undertaken, covering the southern half of the Hall property. A total of 975 soil samples were collected on the grid with samples taken at 50 m intervals on lines 200 m apart. Following work done on the Lara property to the south, soil anomalies tend to be weak due to the clay-rich glacial till cover in the area. Best results were obtained where a plot of copper times zinc was used to outline anomalous zones. Soil anomalies on the Hall property were outlined in the same manner (values  $\geq 50.0$  considered anomalous).

The majority of soil anomalies (copper x zinc) are situated on the Orn 1 claim. Anomaly A and B are roughly parallel, trending northwest/southeast. Anomaly B, 1800 m, is roughly coincident with the plotted position of the Twin J thrust fault, while anomaly J could possibly represent the lateral displacement of the thrust fault.

Anomaly J is weak, but extends laterally for 600 m. Anomaly A, along the southwestern edge of the property may correspond with an extension of the "Randy North Zone" to the northwest, but once again, the lack of outcrop limits the geological inferences that can be made.

Soil anomalies C & D occur on the northwest area of the grid, north of the major thrust fault and within the Cameron River Formation sediments and the Karmutsen gabbro. Nothing on surface was located to further explain these two anomalies.

In the centre-west area of the Orn 3 claim, a moderate soil anomaly (H) was identified. It runs roughly east-west for 400 m and is underlain by gabbro. Very little rock outcrops in this area.

Additional weaker anomalies occur; E, F, G, I, which run sub-parallel to the thrust fault, on the north side.

Gold values in the soil were generally low, except for an anomalous north-south trend along Line 16+00E from 10+50N to 10+00N, with all results between 10 and 70 ppb gold. It is not accompanied by significant base metal values, but one rock sample of quartz vein float taken from Line 16+00E, 2+65B, was slightly anomalous in gold with 20 ppb. This line is thought to be the result of an analytical error.

## PROPERTY GEOPHYSICS

A VLF and total field magnetics survey was performed on the Hall Claim block from June 5 to June 15, 1990. The total number of kilometres surveyed was 28 Km.

The instruments used were a GEM GSM-19 combined overhauser Magnetometer and VLF-EM receiver, and a GEM GSM-19 overhauser Magnetometer base station. The base station total field magnetics data was used to remove the effects of diurnal drift from the total field magnetics data. This was done using the instruments internal corrections software. The total field magnetics and VLF-EM data was then dumped directly into a computer from which it was plotted and the electromagnetic data was Fraser filtered using the Geosoft software package.

## INTERPRETATION

The total field magnetics survey data shows a northwesterly trend across the west edge of survey area which is interpreted to be caused by northwesterly trending gabbro sills. Alternately these have approximately the same attitude as the prevailing geologic trend and may reflect, in the case of anomaly C, an extension of the Randy North Zone on the Lara property.

Other anomalies visible on the total field magnetics data are lobuled A, B, D and E. Anomaly B was observed to be caused by a

magnetite rich gabbro at L28, STN 50N which was site of Sample LL 39. Anomalies A and D also reflect the northwesterly trend evident in the geology of the area, and may be related to gabbroic dykes. The anomaly at E although truncated by the limit of the survey shows similarities to anomaly B and as such may represent an east west trending magnetite bearing gabbro.

#### VLF-EM

A VLF-EM survey was run simultaneously with the total field magnetics survey. Two stations were read, Seattle and Hawaii for which the station directions were favourable.

Problems were encountered with the Hawaii station, due to low signal strength. In some areas of the grid the signal strength was too low to be measured, resulting in some areas of the grid not being covered with the Hawaii station.

Two VLF anomalies are visible on the southern ends of L0 and L200E. These two anomalies have similar shapes and are parallel to the known strike in the area. They occur in favourable rocks of the McLaughlin Ridge Formation, a sericite schist which is similar to that found in the Lara Deposit. These anomalies coincide well with magnetic anomaly C.

A number of other isolated anomalies were found, as noted on the VLF-EM Maps (Figures 7 and 8), which in most cases show the same west northwest trend.

CERTIFICATE 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 was obtained from a review of data listed in the bibliography, a property examination and knowledge of the area.
7. I have no interest, direct or indirect or in the securities of Avondale Hall Resources Inc.
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.

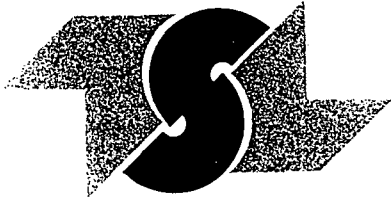
DATED at Vancouver, British Columbia the 10th day of October, 1990.



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APPENDIX I  
ASSAY CERTIFICATES



# 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.  
S8845

SAMPLE(S) OF Soil

INVOICE #: 7 13838  
P.O.: R-1861

Project: AVONDALE/Hall

	Au ppb
AV L12+00E 0+50N	<5
AV L12+00E 1+00N	<5
AV L12+00E 1+50N	<5
AV L12+00E 2+00N	<5
AV L12+00E 2+50N	<5
AV L12+00E 3+00N	<5
AV L12+00E 3+50N	5
AV L12+00E 4+00N	<5
AV L12+00E 4+50N	<5
AV L12+00E 5+00N	5
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AV L12+00E 7+00N	<5
AV L12+00E 7+50N	<5
AV L12+00E 8+00N	<5
AV L12+00E 8+50N	<5
AV L12+00E 9+00N	<5
AV L12+00E 9+50N	<5
AV L12+00E 10+00N	<5

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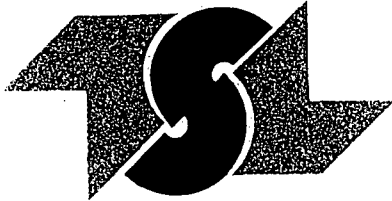
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2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

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

REPORT No.  
S8845

SAMPLE(S) OF Soil

INVOICE #: 13838  
P.O.: R-1861

Project: AVONDALE

	Au ppb
AV L12+00E 10+50N	<5
AV L14+00E 0+50N	<5
AV L14+00E 1+00N	<5
AV L14+00E 1+50N	<5
AV L14+00E 2+00N	<5
AV L14+00E 2+50N	<5
AV L14+00E 3+00N	<5
AV L14+00E 3+50N	<5
AV L14+00E 4+00N	<5
AV L14+00E 4+50N	<5
AV L14+00E 5+00N	<5
AV L14+00E 5+50N	<5
AV L14+00E 6+00N	<5
AV L14+00E 6+50N	<5
AV L14+00E 7+00N	<5
AV L14+00E 7+50N	<5
AV L14+00E 8+00N	<5
AV L14+00E 8+50N	<5
AV L14+00E 9+50N	<5
AV L14+00E 10+00N	<5

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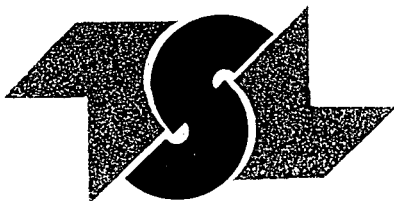
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V6C 2X6

REPORT No.  
S8846

SAMPLE(S) OF Soil

INVOICE #: 13837  
P.O.: R-1860

Project: AVONDALE/Hall

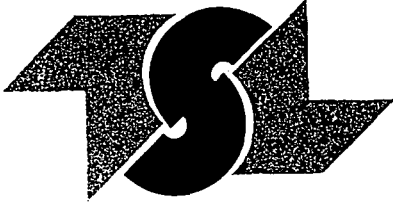
	Au ppb
AV L8+00E 7+00S	<5
AV L8+00E 7+50S	<5
AV L8+00E 8+00S	<5
AV L8+00E 8+50S	<5
AV L8+00E 9+00S	<5
AV L18+00E 0+00	<5
AV L18+00E 0+50S	<5
AV L18+00E 1+00S	<5
AV L18+00E 1+50S	<5
AV L18+00E 2+00S	<5
AV L18+00E 2+50S	5
AV L18+00E 3+00S	<5
AV L18+00E 3+50S	<5
AV L18+00E 4+00S	<5
AV L18+00E 4+50S	<5
AV L18+00E 5+00S	<5
AV L18+00E 5+50S	<5
AV L18+00E 6+00S	<5
AV L18+00E 6+50S	<5
AV L18+00E 7+00S	21

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REPORT No.  
S8846

SAMPLE(S) OF Soil

INVOICE #: 13837  
P.O.: R-1860

Project: AVONDALE

	Au ppb
AV L18+00E 7+50S	<5
AV L18+00E 8+00S	<5
AV L18+00E 8+50S	<5
AV L18+00E 9+00S	<5

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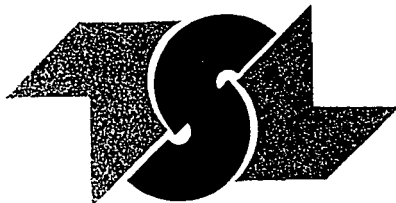
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REPORT No.  
S8853

SAMPLE(S) OF Soil

INVOICE #: 7 13854  
P.O.: R-1858

Project: AVONDALE

	Au ppb
AV L20+00E 0+00	<5
AV L20+00E 1+00S	10
AV L20+00E 1+50S	<5
AV L20+00E 2+00S	10
AV L20+00E 2+50S	5
AV L20+00E 3+00S	<5
AV L20+00E 3+50S	5
AV L20+00E 4+00S	5
AV L20+00E 4+50S	<5
AV L20+00E 5+00S	<5
AV L20+00E 5+50S	5
AV L20+00E 6+00S	<5
AV L20+00E 6+50S	<5
AV L20+00E 7+00S	<5
AV L20+00E 7+50S	5
AV L20+00E 8+00S	<5
AV L20+00E 8+50S	45
AV L20+00E 9+00S	<5

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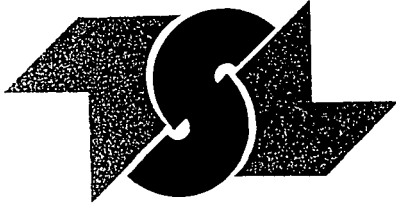
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V6C 2X6

REPORT No.  
S8859

SAMPLE(S) OF Soil

INVOICE #: 13866  
P.O.: R-1848

Project: AVONDALE

	Au ppb
AV L14+00E 0+00	15
AV L14+00E 0+50S	<5
AV L14+00E 1+00S	<5
AV L14+00E 1+50S	<5
AV L14+00E 2+00S	<5
AV L14+00E 2+50S	<5
AV L14+00E 3+00S	<5
AV L14+00E 3+50S	<5
AV L14+00E 4+00S	<5
AV L14+00E 4+50S	<5
AV L14+00E 5+00S	<5
AV L14+00E 5+50S	<5
AV L14+00E 6+00S	<5
AV L14+00E 6+50S	<5
AV L14+00E 7+00S	<5
AV L14+00E 7+50S	<5
AV L14+00E 8+00S	<5
AV L14+00E 8+50S	<5
AV L14+00E 9+00S	15
AV L16+00E 0+00	<5

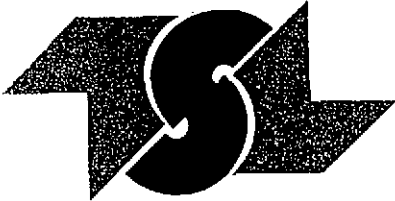
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REPORT No.  
S8859

SAMPLE(S) OF Soil

INVOICE #: 13866  
P.O.: R-1848

Project: AVONDALE

	Au ppb
AV L16+00E 0+50S	<5
AV L16+00E 1+00S	<5
AV L16+00E 1+50S	<5
AV L16+00E 2+00S	<5
AV L16+00E 2+50S	<5
AV L16+00E 3+00S	<5
AV L16+00E 3+50S	<5
AV L16+00E 4+00S	<5
AV L16+00E 4+50S	<5
AV L16+00E 5+00S	<5
AV L16+00E 5+50S	<5
AV L16+00E 6+00S	<5
AV L16+00E 6+50S	<5
AV L16+00E 7+00S	<5
AV L16+00E 7+50S	<5
AV L16+00E 8+00S	<5
AV L16+00E 8+50S	<5
AV L16+00E 9+00S	<5

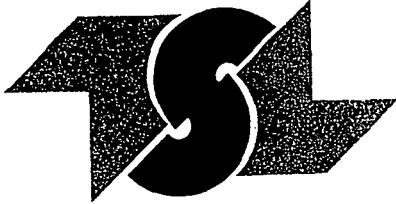
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REPORT No.  
S8860

SAMPLE(S) OF Soil

INVOICE #: 13867  
P.O.: R-1862

Project: AVONDALE

	Au ppb
AV L8+00E 0+50N	<5
AV L8+00E 1+00N	5
AV L8+00E 1+50N	<5
AV L8+00E 2+00N	<5
AV L8+00E 2+50N	20
AV L8+00E 3+00N	<5
AV L8+00E 3+50N	<5
AV L8+00E 4+00N	<5
AV L8+00E 4+50N	<5
AV L8+00E 5+00N	<5
AV L8+00E 5+50N	<5
AV L8+00E 6+00N	<5
AV L8+00E 6+50N	<5
AV L8+00E 7+00N	<5
AV L8+00E 7+50N	<5
AV L8+00E 8+00N	<5
AV L8+00E 8+50N	<5
AV L8+00E 9+00N	<5
AV L8+00E 9+50N	<5
AV L8+00E 10+00N	<5

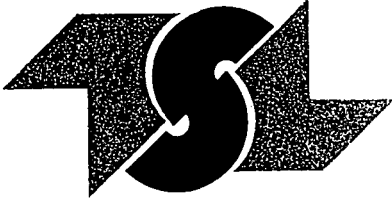
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REPORT No.  
S8860

SAMPLE(S) OF Soil

INVOICE #: 7 13867  
P.O.: R-1862

Project: AVONDALE

	Au ppb
AV L10+00E 0+50N	<5
AV L10+00E 1+00N	<5
AV L10+00E 1+50N	<5
AV L10+00E 2+00N	<5
AV L10+00E 2+50N	<5
AV L10+00E 3+00N	<5
AV L10+00E 3+50N	<5
AV L10+00E 4+00N	<5
AV L10+00E 4+50N	<5
AV L10+00E 5+00N	<5
AV L10+00E 5+50N	<5
AV L10+00E 6+00N	<5
AV L10+00E 6+50N	<5
AV L10+00E 7+00N	<5
AV L10+00E 7+50N	<5
AV L10+00E 8+00N	<5
AV L10+00E 8+50N	<5
AV L10+00E 9+00N	<5
AV L10+00E 9+50N	<5
AV L10+00E 10+00N	<5

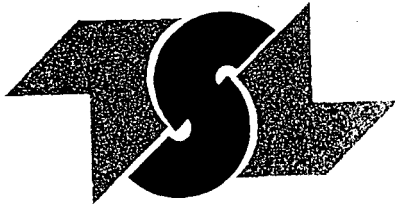
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V6C 2X6

REPORT No.  
S8860

SAMPLE(S) OF Soil

INVOICE #: 13867  
P.O.: R-1862

Project: AVONDALE

	Au
	ppb
AV L10+00E 10+50N	<5

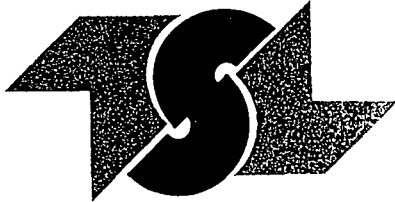
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REPORT No.  
S8844

SAMPLE(S) OF Soil

INVOICE #: 13841  
P.O.: R-1846

Project: AVONDALE / Hall

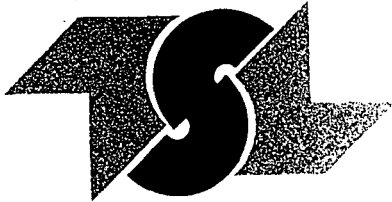
	Au ppb
AV L0+00E 0+00	5
AV L0+00E 0+50S	5
AV L0+00E 1+00S	<5
AV L0+00E 1+50S	10
AV L0+00E 2+00S	10
AV L0+00E 2+50S	15
AV L0+00E 3+00S	20
AV L0+00E 3+50S	15
AV L0+00E 4+00S	15
AV L0+00E 4+50S	<5
AV L0+00E 5+00S	<5
AV L2+00E 0+00	<5
AV L2+00E 0+50S	<5
AV L2+00E 1+00S	<5
AV L2+00E 1+50S	5
AV L2+00E 2+00S	<5
AV L2+00E 2+50S	5
AV L2+00E 3+00S	5
AV L2+00E 3+50S	5
AV L2+00E 4+00S	5

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REPORT No.  
S8844

SAMPLE(S) OF Soil

INVOICE #: 13841  
P.O.: R-1846

Project: AVONDALE

	Au ppb
AV L2+00E 4+50S	<5
AV L2+00E 5+00S	<5
AV L4+00E 0+00	<5
AV L4+00E 0+50S	<5
AV L4+00E 1+00S	<5
AV L4+00E 1+50S	<5
AV L4+00E 2+00S	<5
AV L4+00E 2+50S	<5
AV L4+00E 3+00S	<5
AV L4+00E 3+50S	5
AV L4+00E 4+00S	<5
AV L4+00E 4+50S	<5
AV L4+00E 5+00S	<5
AV L4+00E 5+50S	<5
AV L4+00E 6+00S	<5
AV L4+00E 6+50S	<5
AV L4+00E 7+00S	5
AV L4+00E 7+50S	<5
AV L4+00E 8+00S	<5
AV L4+00E 8+50S	<5

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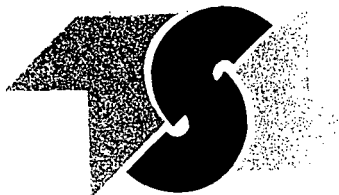
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REPORT No.  
S8844

SAMPLE(S) OF Soil

INVOICE #: 13841  
P.O.: R-1846

Project: AVONDALE

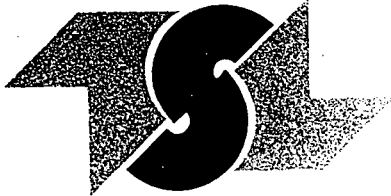
	Au
	ppb
AV L4+00E 9+00S	<5

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V6C 2X6

REPORT No.  
S8867

SAMPLE(S) OF Soils

INVOICE #: 7 13868  
P.O.: R-1859

Project: Avondale

	Au ppb
AV Line16+00E-0+50N	20
AV Line16+00E-1+00N	70
AV Line16+00E-1+50N	20
AV Line16+00E-2+00N	15
AV Line16+00E-2+50N	15
AV Line16+00E-3+00N	20
AV Line16+00E-3+50N	25
AV Line16+00E-4+00N	20
AV Line16+00E-4+50N	10
AV Line16+00E-5+50N	10
AV Line16+00E-6+00N	20
AV Line16+00E-6+50N	20
AV Line16+00E-7+00N	15
AV Line16+00E-7+50N	20
AV Line16+00E-8+00N	20
AV Line16+00E-8+50N	10
AV Line16+00E-9+00N	15
AV Line16+00E-10+00N	10

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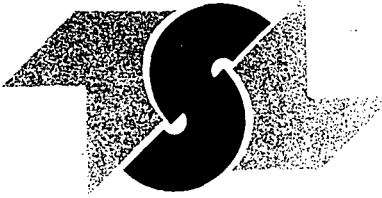
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REPORT No.  
S8868

SAMPLE(S) OF Soils

INVOICE #: 13873  
P.O.: R-1847

Project: Avondale

	Au ppb
AV Line6+00E-0+00	<5
AV Line6+00E-0+50S	<5
AV Line6+00E-1+00S	<5
AV Line6+00E-1+50S	<5
AV Line6+00E-2+00S	<5
AV Line6+00E-2+50S	<5
AV Line6+00E-3+00S	<5
AV Line6+00E-3+50S	<5
AV Line6+00E-4+00S	<5
AV Line6+00E-4+50S	<5
AV Line6+00E-5+00S	<5
AV Line6+00E-5+50S	<5
AV Line6+00E-6+00S	<5
AV Line6+00E-6+50S	<5
AV Line6+00E-7+00S	5
AV Line6+00E-7+50S	<5
AV Line6+00E-8+00S	<5
AV Line6+00E-8+50S	<5
AV Line6+00E-9+00S	<5
AV Line8+00E-0+00	<5

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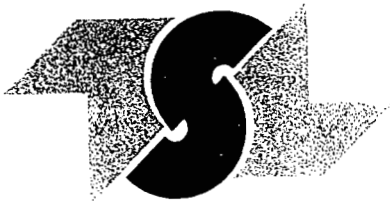
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SASKATOON, SASKATCHEWAN  
S7K 6A4

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

REPORT No.  
S8868

SAMPLE(S) OF Soils

INVOICE #: 13873  
P.O.: R-1847

Project: Avondale

	Au ppb
AV Line8+00E-0+50S	<5
AV Line8+00E-1+00S	<5
AV Line8+00E-1+50S	<5
AV Line8+00E-2+00S	<5
AV Line8+00E-2+50S	<5
AV Line8+00E-3+00S	<5
AV Line8+00E-3+50S	<5
AV Line8+00E-4+00S	<5
AV Line8+00E-4+50S	<5
AV Line8+00E-5+00S	<5
AV Line8+00E-5+50S	<5
AV Line8+00E-6+00S	<5
AV Line8+00E-6+50S	<5

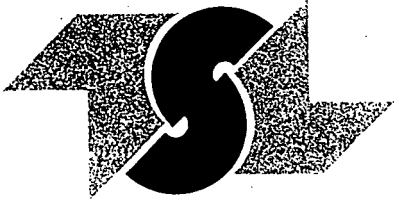
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V6C 2X6

REPORT No.  
S8879

SAMPLE(S) OF Soil

INVOICE #: 7 13884  
P.O.: R-1883

Project: AVONDALE

	Au ppb
AV L10+00E 0+00	5
AV L10+00E 0+50S	5
AV L10+00E 1+00S	<5
AV L10+00E 2+00S	<5
AV L10+00E 2+50S	<5
AV L10+00E 3+00S	<5
AV L10+00E 3+50S	5
AV L10+00E 4+00S	<5
AV L10+00E 4+50S	10
AV L10+00E 5+00S	<5
AV L10+00E 5+50S	<5
AV L10+00E 6+00S	<5
AV L10+00E 6+50S	<5
AV L10+00E 7+00S	<5
AV L10+00E 7+50S	<5
AV L10+00E 8+00S	5
AV L10+00E 8+50S	<5
AV L10+00E 9+00S	10
AV L12+00E 0+00	<5
AV L12+00E 0+50S	5

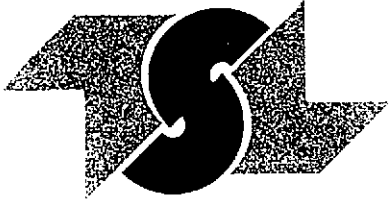
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V6C 2X6

REPORT No.  
S8879

SAMPLE(S) OF Soil

INVOICE #: 13884  
P.O.: R-1883

Project: AVONDALE

	Au ppb
AV L12+00E 1+00S	<5
AV L12+00E 1+50S	<5
AV L12+00E 2+00S	25
AV L12+00E 2+50S	<5
AV L12+00E 3+00S	5
AV L12+00E 3+50S	5
AV L12+00E 4+00S	<5
AV L12+00E 4+50S	5
AV L12+00E 5+50S	<5
AV L12+00E 6+00S	<5
AV L12+00E 6+50S	<5
AV L12+00E 7+00S	10
AV L12+00E 7+50S	10
AV L12+00E 8+00S	5
AV L12+00E 8+50S	10
AV L12+00E 9+00S	5

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REPORT No.  
S8880

SAMPLE(S) OF Soil

INVOICE #: 13885  
P.O.: R-1887

Project: AVONDALE

	Au ppb
AV L4+00E 0+50N	<5
AV L4+00E 1+00N	5
AV L4+00E 1+50N	<5
AV L4+00E 2+00N	5
AV L4+00E 2+50N	<5
AV L4+00E 3+00N	5
AV L4+00E 3+50N	<5
AV L4+00E 4+00N	<5
AV L4+00E 4+50N	<5
AV L4+00E 5+00N	<5
AV L4+00E 5+50N	<5
AV L4+00E 6+00N	<5
AV L4+00E 6+50N	<5
AV L4+00E 7+00N	<5
AV L4+00E 8+00N	<5
AV L4+00E 8+50N	<5
AV L4+00E 9+00N	<5
AV L4+00E 9+50N	<5
AV L4+00E 10+00N	<5
AV L4+00E 10+50N	<5

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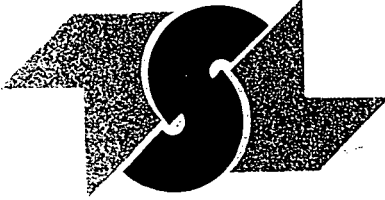
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REPORT No.  
S8880

SAMPLE(S) OF Soil

INVOICE #: 713885  
P.O.: R-1887

Project: AVONDALE

	Au ppb
AV L4+00E 11+00N	<5
AV L6+00E 0+50N	<5
AV L6+00E 1+00N	<5
AV L6+00E 1+50N	<5
AV L6+00E 2+00N	<5
AV L6+00E 2+50N	<5
AV L6+00E 3+00N	<5
AV L6+00E 3+50N	<5
AV L6+00E 4+00N	<5
AV L6+00E 4+50N	<5
AV L6+00E 5+00N	<5
AV L6+00E 5+50N	<5
AV L6+00E 6+00N	<5
AV L6+00E 6+50N	<5
AV L6+00E 7+00N	20
AV L6+00E 7+50N	<5
AV L6+00E 8+00N	<5
AV L6+00E 8+50N	<5
AV L6+00E 9+00N	<5
AV L6+00E 9+50N	<5

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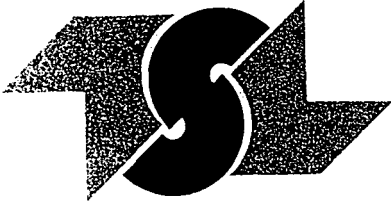
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REPORT No.  
S8880

SAMPLE(S) OF Soil

INVOICE #: 13885  
P.O.: R-1887

Project: AVONDALE

	Au ppb
AV L6+00E 10+00N	<5
AV L6+00E 10+50N	<5

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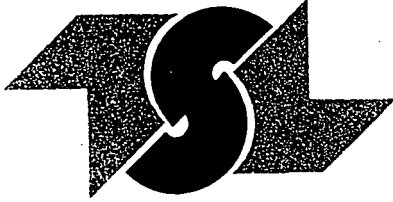
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REPORT No.  
S8881

SAMPLE(S) OF Soil

INVOICE #: 13886  
P.O.: R-1885

Project: AVONDALE

	Au ppb
AV L42+00E 0+50S	<5
AV L42+00E 1+00S	<5
AV L42+00E 1+50S	<5
AV L42+00E 2+00S	<5
AV L42+00E 2+50S	<5
AV L42+00E 3+00S	<5
AV L42+00E 3+50S	<5
AV L42+00E 4+00S	20
AV L42+00E 4+50S	<5
AV L42+00E 5+00S	<5
AV L42+00E 5+50S	<5
AV L42+00E 6+00S	<5
AV L42+00E 6+50S	5
AV L42+00E 7+00S	<5
AV L42+00E 7+50S	<5
AV L42+00E 8+00S	<5
AV L42+00E 8+50S	<5
AV L42+00E 9+00S	<5
AV L42+00E 9+50S	<5
AV L42+00E 10+00S	<5

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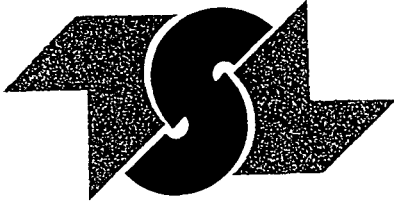
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REPORT No.  
S8881

SAMPLE(S) OF Soil

INVOICE #: 7 13886  
P.O.: R-1885

Project: AVONDALE

	Au ppb
AV L42+00E 10+50S	<5
AV L42+00E 11+00S	10
AV L42+00E 11+50S	5
AV L42+00E 12+00S	<5
AV L42+00E 12+50S	<5
AV L42+00E 13+00S	5
AV L42+00E 13+50S	<5
AV L42+00E 14+00S	<5

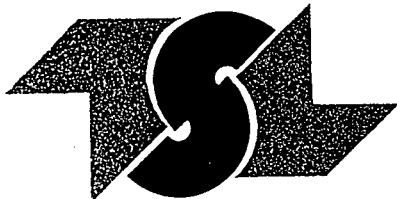
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REPORT No.  
S8882

SAMPLE(S) OF Soil

INVOICE #: 13887  
P.O.: R-1884

Project: AVONDALE

	Au ppb
AV L40+00E 0+00	<5
AV L40+00E 0+50S	<5
AV L40+00E 1+50S	<5
AV L40+00E 2+00S	<5
AV L40+00E 2+50S	<5
AV L40+00E 3+00S	<5
AV L40+00E 4+00S	<5
AV L40+00E 4+50S	<5
AV L40+00E 5+00S	<5
AV L40+00E 5+50S	<5
AV L40+00E 6+00S	<5
AV L40+00E 6+50S	<5
AV L40+00E 7+00S	<5
AV L40+00E 7+50S	<5
AV L40+00E 8+00S	5
AV L40+00E 8+50S	5
AV L40+00E 9+00S	<5
AV L40+00E 9+50S	10
AV L40+00E 10+00S	<5
AV L40+00E 10+50S	5

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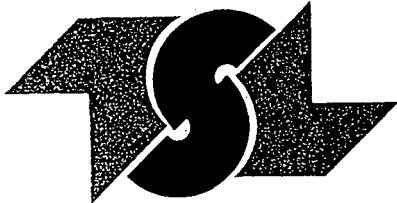
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REPORT No.  
S8882

SAMPLE(S) OF Soil

INVOICE #: 13887  
P.O.: R-1884

Project: AVONDALE

	Au ppb
AV L40+00E 11+00S	<5
AV L40+00E 11+50S	5
AV L40+00E 12+00S	10
AV L40+00E 12+50S	<5
AV L40+00E 13+00S	<5
AV L40+00E 13+50S	<5
AV L40+00E 14+00S	<5

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REPORT No.  
S8883

SAMPLE(S) OF Soil

INVOICE #: 13891  
P.O.: R-1886

Project: AVONDALE

	Au ppb
AV L44+00E 0+00	10
AV L44+00E 0+50S	<5
AV L44+00E 1+00S	10
AV L44+00E 1+50S	5
AV L44+00E 2+00S	5
AV L44+00E 2+50S	5
AV L44+00E 3+00S	5
AV L44+00E 3+50S	10
AV L44+00E 4+00S	<5
AV L44+00E 4+50S	<5
AV L44+00E 5+00S	<5
AV L44+00E 5+50S	<5
AV L44+00E 6+00S	<5
AV L44+00E 6+50S	<5
AV L44+00E 7+00S	5
AV L44+00E 7+50S	<5
AV L44+00E 8+00S	<5
AV L44+00E 8+50S	<5
AV L44+00E 9+00S	<5
AV L44+00E 9+50S	<5

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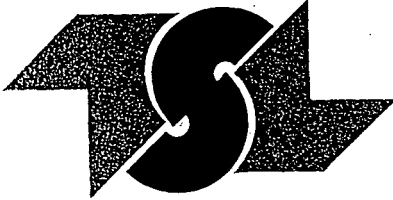
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REPORT No.  
S8883

SAMPLE(S) OF Soil

INVOICE #: 13891  
P.O.: R-1886

Project: AVONDALE

	Au ppb
AV L44+00E 10+00S	<5
AV L44+00E 10+50S	5
AV L44+00E 11+00S	<5
AV L44+00E 11+50S	<5
AV L44+00E 12+00S	<5
AV L44+00E 12+50S	5
AV L44+00E 13+00S	<5
AV L44+00E 13+50S	<5
AV L44+00E 14+00S	15

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REPORT No.  
S8913

SAMPLE(S) OF Soils

INVOICE #: 713960  
P.O.: R-1895

Project: AVONDALE

	Au ppb
AV L34+00E 0+00	5
AV L34+00E 0+50S	<5
AV L34+00E 1+00S	<5
AV L34+00E 1+50S	<5
AV L34+00E 2+00S	<5
AV L34+00E 2+50S	<5
AV L34+00E 3+00S	<5
AV L34+00E 3+50S	<5
AV L34+00E 4+00S	<5
AV L34+00E 4+50S	<5
AV L34+00E 5+00S	<5
AV L34+00E 5+50S	<5
AV L34+00E 6+00S	<5
AV L34+00E 6+50S	<5
AV L34+00E 7+00S	<5
AV L34+00E 8+00S	<5
AV L34+00E 8+50S	<5
AV L34+00E 9+00S	<5
AV L34+00E 9+50S	<5
AV L34+00E 10+00S	10

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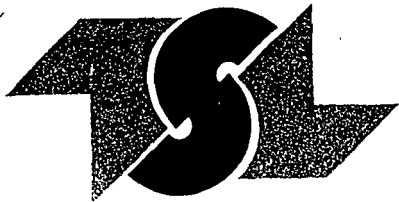
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REPORT No.  
S8913

SAMPLE(S) OF Soils

INVOICE #: 713960  
P.O.: R-1895

Project: AVONDALE

	Au ppb
AV L34+00E 10+50S	<5
AV L34+00E 11+00S	<5
AV L34+00E 11+50S	10
AV L34+00E 12+00S	<5
AV L34+00E 12+50S	<5
AV L34+00E 13+00S	<5
AV L34+00E 13+50S	<5
AV L34+00E 14+00S	<5

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V6C 2X6

REPORT No.  
S8914

SAMPLE(S) OF Soils

INVOICE #: 13959  
P.O.: R-1896

Project: AVONDALE

	Au ppb
AV L32+00E 0+00	<5
AV L32+00E 0+50S	<5
AV L32+00E 1+00S	<5
AV L32+00E 1+50S	<5
AV L32+00E 2+00S	<5
AV L32+00E 2+50S	<5
AV L32+00E 3+00S	<5
AV L32+00E 3+50S	<5
AV L32+00E 4+00S	<5
AV L32+00E 4+50S	<5
AV L32+00E 5+00S	<5
AV L32+00E 5+50S	<5
AV L32+00E 6+00S	<5
AV L32+00E 7+00S	<5
AV L32+00E 7+50S	<5
AV L32+00E 8+00S	<5
AV L32+00E 8+50S	<5
AV L32+00E 9+00S	<5
AV L32+00E 9+50S	<5
AV L32+00E 10+00S	10

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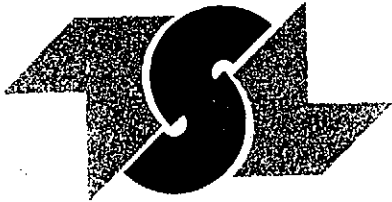
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SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

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Vancouver, B.C.  
V6C 2X6

REPORT No.  
S8914

SAMPLE(S) OF Soils

INVOICE #: 13959  
P.O.: R-1896

Project: AVONDALE

	Au ppb
AV L32+00E 10+50S	<5
AV L32+00E 11+00S	10
AV L32+00E 11+50S	<5
AV L32+00E 12+00S	5
AV L32+00E 12+50S	<5
AV L32+00E 13+00S	10
AV L32+00E 13+50S	<5
AV L32+00E 14+00S	5

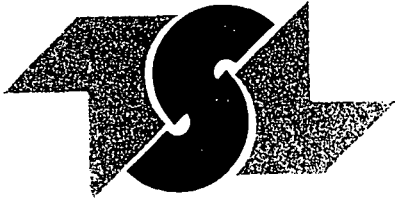
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V6C 2X6

REPORT No.  
S8915

SAMPLE(S) OF Soils

INVOICE #: <sup>7</sup> 13953  
P.O.: R-1899

Project: AVONDALE

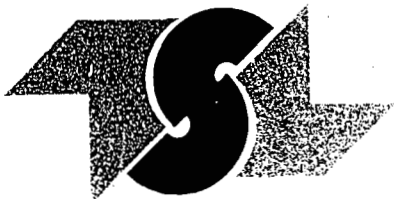
	Au ppb
AV L18+00E 0+50N	<5
AV L18+00E 1+00N	<5
AV L18+00E 1+50N	<5
AV L18+00E 2+00N	<5
AV L18+00E 2+50N	<5
AV L18+00E 3+00N	<5
AV L18+00E 3+50N	<5
AV L18+00E 4+00N	<5
AV L18+00E 4+50N	<5
AV L18+00E 5+00N	40
AV L18+00E 5+50N	<5
AV L18+00E 7+00N	<5
AV L18+00E 7+50N	5
AV L18+00E 8+00N	10
AV L18+00E 8+50N	30
AV L18+00E 9+00N	20
AV L18+00E 9+50N	10
AV L18+00E 10+00N	10
AV L18+00E 10+50N	15
AV L18+00E 11+00N	10

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REPORT No.  
S8915

SAMPLE(S) OF Soils

INVOICE #: 713953  
P.O.: R-1899

Project: AVONDALE

	Au ppb
AV L36+00E 0+50N	5
AV L36+00E 1+00N	5
AV L36+00E 1+50N	15
AV L36+00E 2+00N	5
AV L36+00E 2+50N	10
AV L36+00E 3+00N	5
AV L36+00E 3+50N	10
AV L36+00E 4+00N	10

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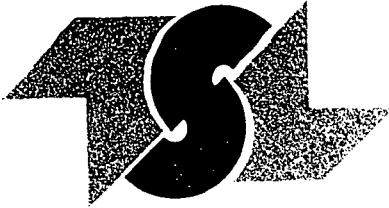
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REPORT No.  
S8928

SAMPLE(S) OF Soils

INVOICE #: 7 13928  
P.O.: R-1897

Project: AVONDALE

	Au ppb
AV L36+00E 0+00	<5
AV L36+00E 0+50S	<5
AV L36+00E 1+00S	<5
AV L36+00E 1+50S	<5
AV L36+00E 2+00S	<5
AV L36+00E 2+50S	<5
AV L36+00E 3+00S	<5
AV L36+00E 3+50S	<5
AV L36+00E 4+00S	<5
AV L36+00E 4+50S	<5
AV L36+00E 5+00S	<5
AV L36+00E 5+50S	<5
AV L36+00E 6+00S	<5
AV L36+00E 6+50S	<5
AV L36+00E 7+00S	15
AV L36+00E 7+50S	<5
AV L36+00E 8+00S	<5
AV L36+00E 8+50S	<5
AV L36+00E 9+00S	5
AV L36+00E 9+50S	<5

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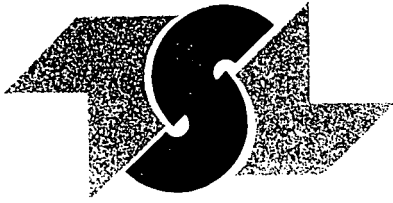
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REPORT No.  
S8928

SAMPLE(S) OF Soils

INVOICE #: 7 13928  
P.O.: R-1897

Project: AVONDALE

	Au ppb
AV L36+00E 10+00S	<5
AV L36+00E 10+50S	<5
AV L36+00E 11+50S	<5
AV L36+00E 12+00S	<5
AV L36+00E 12+50S	<5
AV L36+00E 13+00S	<5
AV L36+00E 13+50S	<5
AV L36+00E 14+00S	<5

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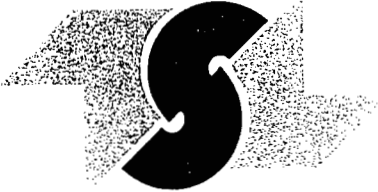
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REPORT No.  
S8929

SAMPLE(S) OF Soils

INVOICE #: 7 13929  
P.O.: R-1898

Project: AVONDALE

	Au ppb
AV L38+00E 0+00	<5
AV L38+00E 0+50S	<5
AV L38+00E 1+00S	<5
AV L38+00E 1+50S	<5
AV L38+00E 2+00S	<5
AV L38+00E 2+50S	<5
AV L38+00E 3+00S	<5
AV L38+00E 3+50S	<5
AV L38+00E 4+00S	<5
AV L38+00E 4+50S	<5
AV L38+00E 5+00S	<5
AV L38+00E 5+50S	15
AV L38+00E 6+00S	<5
AV L38+00E 6+50S	<5
AV L38+00E 7+00S	<5
AV L38+00E 8+00S	<5
AV L38+00E 8+50S	<5
AV L38+00E 9+00S	<5
AV L38+00E 9+50S	<5
AV L38+00E 10+00S	<5

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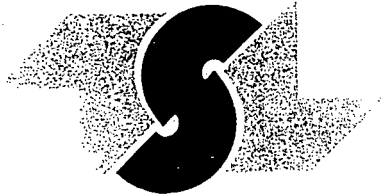
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REPORT No.  
S8929

SAMPLE(S) OF Soils

INVOICE #: 13929  
P.O.: R-1898

Project: AVONDALE

	Au ppb
AV L38+00E 10+50S	<5
AV L38+00E 11+00S	<5
AV L38+00E 11+50S	<5
AV L38+00E 12+00S	<5
AV L38+00E 12+50S	<5
AV L38+00E 13+00S	<5
AV L38+00E 13+50S	<5
AV L38+00E 14+00S	<5

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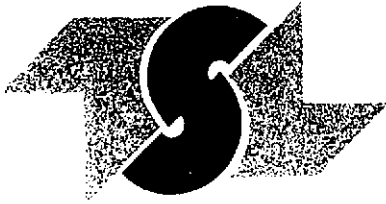
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REPORT No.  
S8944

SAMPLE(S) OF Rock - Grab

INVOICE #: 7 13970  
P.O.: R-1911

Project: AVONDALE-HALL

	Au ppb
LL-01	<5
LL-02	<5
LL-03	<5
LL-04	<5
LL-05	<5
LL-06	<5
LL-07	<5
LL-08	<5
LL-09	<5
LL-10	<5

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V6C 2X6

REPORT No.  
S8945

SAMPLE(S) OF Rock - Grab

INVOICE #: 13971  
P.O.: R-1912

Project: AVONDALE-HALL

	Au ppb
LL-11	<5
LL-12	<5
LL-13	<5
LL-14	<5
LL-15	<5
LL-16	5
LL-17	<5
LL-18	<5
LL-19	<5
LL-20	10
LL-21	<5
LL-22	<5
LL-23	20
LL-24	<5
LL-25	<5

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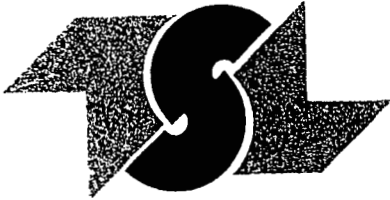
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REPORT No.  
S8960

SAMPLE(S) OF Soil

INVOICE #: 13982  
P.O.: R-1921

Project: AVONDALE

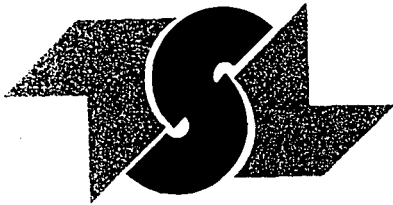
	Au ppb
AV L26+00E 0+00	<5
AV L26+00E 0+50S	<5
AV L26+00E 1+50S	<5
AV L26+00E 2+00S	15
AV L26+00E 2+50S	<5
AV L26+00E 3+00S	<5
AV L26+00E 3+50S	<5
AV L26+00E 4+00S	<5
AV L26+00E 4+50S	<5
AV L26+00E 5+00S	<5
AV L26+00E 5+50S	<5
AV L26+00E 6+00S	<5
AV L26+00E 6+50S	<5
AV L26+00E 7+00S	<5
AV L26+00E 7+50S	<5
AV L26+00E 8+00S	<5
AV L26+00E 8+50S	5
AV L26+00E 9+00S	<5
AV L26+00E 9+50S	<5
AV L26+00E 10+00S	<5

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REPORT No.  
S8960

SAMPLE(S) OF Soil

INVOICE #: 7 13982  
P.O.: R-1921

Project: AVONDALE

	Au ppb
AV L26+00E 10+50S	<5
AV L26+00E 11+00S	5
AV L26+00E 11+50S	<5
AV L26+00E 12+00S	<5
AV L26+00E 12+50S	<5
AV L26+00E 13+00S	<5
AV L26+00E 13+50S	<5
AV L26+00E 14+00S	5

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REPORT No.  
S8961

SAMPLE(S) OF Soil

INVOICE #: 13983  
P.O.: R-1922

Project: AVONDALE

	Au ppb
AV L36+00E 4+50N	5
AV L36+00E 5+00N	<5
AV L36+00E 5+50N	5
AV L36+00E 6+00N	<5
AV L36+00E 6+50N	<5
AV L36+00E 7+00N	<5
AV L36+00E 7+50N	<5
AV L36+00E 8+00N	<5
AV L36+00E 10+00N	<5
AV L36+00E 10+50N	<5
AV L36+00E 11+00N	<5
AV L36+00E 11+50N	<5
AV L36+00E 12+00N	<5
AV L36+00E 12+50N	<5
AV L36+00E 13+00N	<5
AV L36+00E 13+50N	<5
AV L36+00E 14+00N	10
AV L36+00E 14+50N	5
AV L36+00E 15+00N	<5
AV L36+00E 15+50N	<5

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REPORT No.  
S8961

SAMPLE(S) OF Soil

INVOICE #: 13983  
P.O.: R-1922

Project: AVONDALE

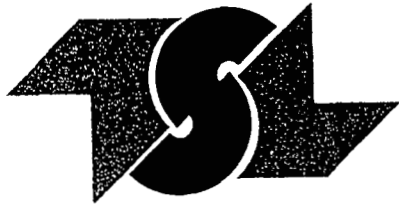
	Au ppb
AV L36+00E 16+00N	<5
AV L36+00E 16+50N	5
AV L36+00E 17+00N	<5
AV L36+00E 17+50N	<5
AV L36+00E 18+00N	<5
AV L36+00E 18+50N	<5
AV L36+00E 19+00N	<5
AV L36+00E 19+50N	<5
AV L36+00E 20+00N	<5

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REPORT No.  
S8962

SAMPLE(S) OF Soils

INVOICE #: 13984  
P.O.: R-1924

Project: AVONDALE

	Au ppb
AV L40+00E 0+50N	<5
AV L40+00E 1+00N	<5
AV L40+00E 1+50N	<5
AV L40+00E 2+00N	<5
AV L40+00E 2+50N	<5
AV L40+00E 3+00N	<5
AV L40+00E 3+50N	<5
AV L40+00E 4+00N	5
AV L40+00E 4+50N	<5
AV L40+00E 5+00N	<5
AV L40+00E 5+50N	<5
AV L40+00E 6+00N	<5
AV L40+00E 7+00N	<5
AV L40+00E 7+50N	<5
AV L42+00E 0+50N	<5
AV L42+00E 1+00N	<5
AV L42+00E 1+50N	<5
AV L42+00E 2+00N	<5
AV L42+00E 2+50N	<5
AV L42+00E 3+00N	<5

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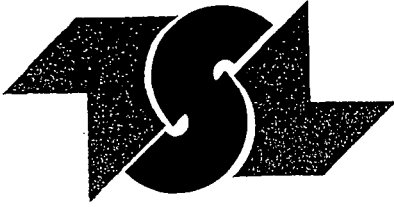
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REPORT No.  
S8962

SAMPLE(S) OF Soils

INVOICE #: 13984  
P.O.: R-1924

Project: AVONDALE

	Au ppb
AV L42+00E 3+50N	25
AV L42+00E 4+00N	5
AV L42+00E 4+50N	<5
AV L42+00E 5+00N	<5
AV L42+00E 5+50N	<5
AV L42+00E 6+00N	<5
AV L42+00E 6+50N	<5

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SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

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Vancouver, B.C.  
V6C 2X6

REPORT No.  
S8963

SAMPLE(S) OF Soils

INVOICE #: 7 13985  
P.O.: R-1925

Project: AVONDALE

	Au
	ppb
AV L28+00E 0+00	<5
AV L28+00E 0+50S	<5
AV L28+00E 1+00S	<5
AV L28+00E 1+50S	5
AV L28+00E 2+00S	<5
AV L28+00E 2+50S	<5
AV L28+00E 3+00S	<5
AV L28+00E 3+50S	<5
AV L28+00E 4+00S	<5
AV L28+00E 4+50S	5
AV L28+00E 5+00S	<5
AV L28+00E 5+50S	<5
AV L28+00E 6+00S	<5
AV L28+00E 6+50S	<5
AV L28+00E 7+00S	<5
AV L28+00E 7+50S	<5
AV L28+00E 8+00S	<5
AV L28+00E 8+50S	5
AV L28+00E 9+00S	10
AV L28+00E 9+50S	<5

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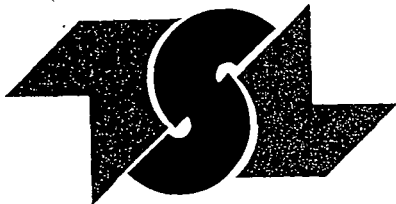
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REPORT No.  
S8963

SAMPLE(S) OF Soils

INVOICE #: 7 13985  
P.O.: R-1925

Project: AVONDALE

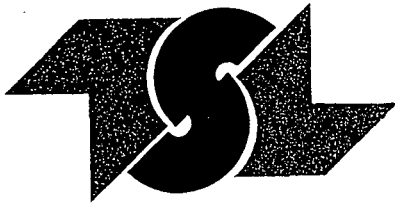
	Au ppb
AV L28+00E 10+00S	<5
AV L28+00E 10+50S	<5
AV L28+00E 11+00S	5
AV L28+00E 11+50S	<5
AV L28+00E 12+00S	<5
AV L28+00E 12+50S	<5
AV L28+00E 13+00S	<5
AV L28+00E 13+50S	<5
AV L28+00E 14+00S	<5

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REPORT No.  
S8964

INVOICE #: 13988  
P.O.: R-1926

SAMPLE(S) OF Soils

Project: AVONDALE

	Au ppb
AV L30+00E 0+00	<5
AV L30+00E 0+50S	<5
AV L30+00E 1+00S	<5
AV L30+00E 2+00S	<5
AV L30+00E 2+50S	<5
AV L30+00E 3+00S	<5
AV L30+00E 3+50S	<5
AV L30+00E 4+00S	<5
AV L30+00E 4+50S	65
AV L30+00E 5+00S	5
AV L30+00E 5+50S	<5
AV L30+00E 6+00S	5
AV L30+00E 6+50S	<5
AV L30+00E 7+00S	<5
AV L30+00E 7+50S	<5
AV L30+00E 8+00S	<5
AV L30+00E 8+50S	<5
AV L30+00E 9+00S	<5
AV L30+00E 9+50S	<5
AV L30+00E 10+00S	10

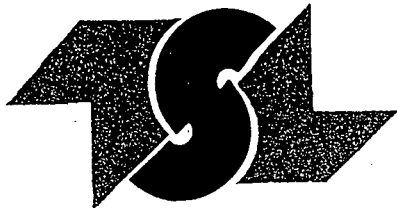
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REPORT No.  
S8964

SAMPLE(S) OF Soils

INVOICE #: 7 13988  
P.O.: R-1926

Project: AVONDALE

	Au ppb
AV L30+00E 10+50S	<5
AV L30+00E 11+00S	<5
AV L30+00E 11+50S	<5
AV L30+00E 12+00S	<5
AV L30+00E 12+50S	<5
AV L30+00E 13+00S	<5
AV L30+00E 13+50S	<5
AV L30+00E 14+00S	<5

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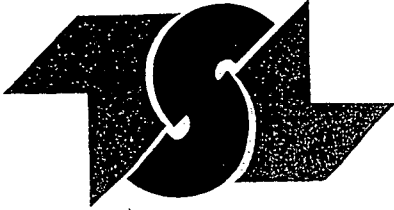
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REPORT No.  
S8984

SAMPLE(S) OF Soils

INVOICE #: 14005  
P.O.: R-1920

Project: AVONDALE

	Au ppb
AV L24+00E 0+00	<5
AV L24+00E 1+00S	<5
AV L24+00E 1+50S	<5
AV L24+00E 2+00S	<5
AV L24+00E 2+50S	<5
AV L24+00E 3+00S	<5
AV L24+00E 3+50S	<5
AV L24+00E 4+00S	<5
AV L24+00E 4+50S	<5
AV L24+00E 5+00S	<5
AV L24+00E 5+50S	<5
AV L24+00E 6+00S	<5
AV L24+00E 6+50S	<5
AV L24+00E 7+00S	<5
AV L24+00E 7+50S	<5
AV L24+00E 8+00S	<5
AV L24+00E 8+50S	<5
AV L24+00E 9+00S	<5
AV L0+00 0+50N	<5
AV L0+00 1+00N	<5

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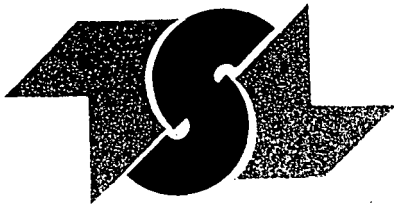
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REPORT No.  
S8984

SAMPLE(S) OF Soils

INVOICE #: 14005  
P.O.: R-1920

Project: AVONDALE

	Au ppb
AV L0+00 1+50N	<5
AV L0+00 2+00N	<5
AV L2+00E 0+50N	<5
AV L2+00E 1+00N	<5
AV L2+00E 1+50N	<5
AV L2+00E 2+00N	<5

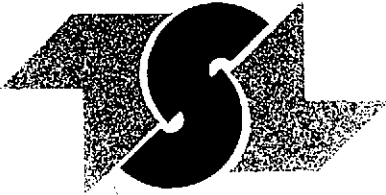
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REPORT No.  
S9003

SAMPLE(S) OF Soils

INVOICE #: 14023  
P.O.: R-1923

Project: AVONDALE

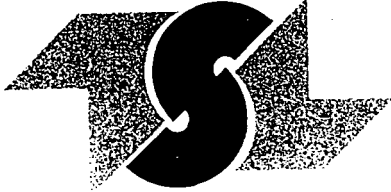
	Au ppb
AV L22+00E 0+00	<5
AV L22+00E 1+00S	5
AV L22+00E 1+50S	<5
AV L22+00E 2+00S	<5
AV L22+00E 2+50S	40
AV L22+00E 3+00S	<5
AV L22+00E 3+50S	10
AV L22+00E 4+00S	15
AV L22+00E 4+50S	15
AV L22+00E 5+00S	30
AV L22+00E 5+50S	5
AV L22+00E 6+00S	<5
AV L22+00E 6+50S	<5
AV L22+00E 7+00S	<5
AV L22+00E 7+50S	5
AV L22+00E 8+00S	<5
AV L22+00E 8+50S	<5
AV L22+00E 9+00S	5
AV L34+00E 0+50N	15
AV L34+00E 1+00N	<5

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REPORT No.  
S9003

SAMPLE(S) OF Soils

INVOICE #: 14023  
P.O.: R-1923

Project: AVONDALE

	Au ppb
AV L34+00E 1+50N	<5
AV L34+00E 2+00N	15
AV L34+00E 2+50N	<5
AV L34+00E 3+00N	<5
AV L34+00E 3+50N	<5
AV L34+00E 4+00N	<5
AV L34+00E 4+50N	<5
AV L34+00E 5+00N	<5
AV L34+00E 5+50N	<5
AV L34+00E 6+00N	<5
AV L34+00E 6+50N	<5
AV L38+00E 0+50N	<5
AV L38+00E 1+00N	<5
AV L38+00E 1+50N	<5
AV L38+00E 2+00N	<5
AV L38+00E 2+50N	<5
AV L38+00E 3+00N	<5
AV L38+00E 3+50N	<5
AV L38+00E 4+00N	<5
AV L38+00E 4+50N	<5

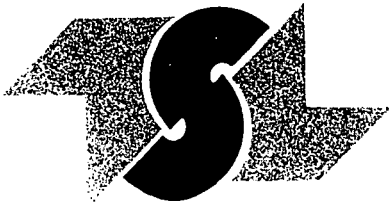
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Vancouver, B.C.  
V6C 2X6

REPORT No.  
S9003

SAMPLE(S) OF Soils

INVOICE #: 14023  
P.O.: R-1923

Project: AVONDALE

	Au ppb
AV L38+00E 5+00N	<5
AV L38+00E 5+50N	<5
AV L38+00E 6+00N	<5
AV L38+00E 6+50N	5
AV L38+00E 7+00N	<5
AV L38+00E 7+50N	<5
AV L38+00E 8+00N	<5

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REPORT No.  
S9036

SAMPLE(S) OF Rock

INVOICE #: 14067  
P.O.: R-1938

L. Lewis  
Project: Avondale-Hall

	Au ppb
LL-26	<5
LL-27	<5
LL-28	<5
LL-29	10
LL-30	5
LL-31	30
LL-32	5
LL-33	95
LL-34	240
LL-35	85
LL-36	20
LL-37	20
LL-38	20
LL-39	<5
LL-40	Not Rec'd
LL-41	<5
LL-42	<5
LL-43	<5
LL-44	<5
LL-45	<5

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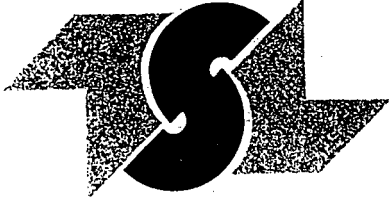
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REPORT No.  
S9036

SAMPLE(S) OF Rock

INVOICE #: 14067  
P.O.: R-1938

L. Lewis  
Project: Avondale-Hall

	Au ppb
LL-46	<5
LL-47	<5
LL-48	<5
LL-49	10
LL-50	<5
LL-51	<5
LL-52	30

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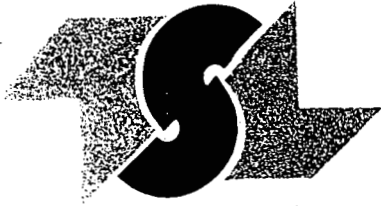
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REPORT No.  
S9078

SAMPLE(S) OF Soils


INVOICE #: 14133  
P.O.: R-1942

L. Lewis  
Project: Avondale

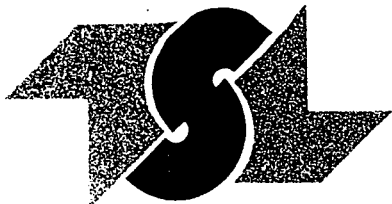
	Au ppb
AV L26+00E 0+50N	10
AV L26+00E 1+00N	10
AV L26+00E 1+50N	5
AV L26+00E 2+00N	20
AV L26+00E 2+50N	5
AV L26+00E 3+00N	5
AV L26+00E 3+50N	5
AV L26+00E 4+00N	10
AV L26+00E 4+50N	25
AV L26+00E 5+00N	5
AV L26+00E 5+50N	10
AV L26+00E 6+00N	10
AV L26+00E 6+50N	5
AV L26+00E 7+00N	5
AV L28+00E 0+50N	5
AV L28+00E 1+00N	10
AV L28+00E 1+50N	5
AV L28+00E 2+00N	5
AV L28+00E 2+50N	<5
AV L28+00E 3+00N	<5

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Vancouver, B.C.  
V6C 2X6

REPORT No.  
S9078

INVOICE #: 14133  
P.O.: R-1942

SAMPLE(S) OF Soils

L. Lewis  
Project: Avondale

	Au ppb
AV L28+00E 3+50N	5
AV L28+00E 4+00N	5
AV L28+00E 4+50N	10
AV L28+00E 5+00N	5
AV L28+00E 5+50N	5
AV L28+00E 6+00N	10
AV L30+00E 0+50N	5
AV L30+00E 1+00N	<5
AV L30+00E 1+50N	<5
AV L30+00E 2+00N	<5
AV L30+00E 2+50N	5
AV L30+00E 3+00N	5
AV L30+00E 3+50N	5
AV L30+00E 4+00N	<5
AV L30+00E 4+50N	5
AV L30+00E 5+00N	<5
AV L30+00E 5+50N	<5
AV L30+00E 6+00N	<5
AV L32+00E 0+50N	<5
AV L32+00E 1+00N	<5

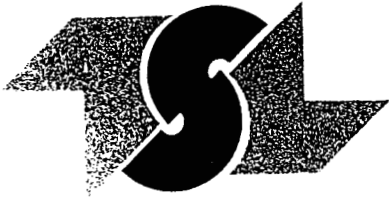
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V6C 2X6

REPORT No.  
S9078

SAMPLE(S) OF Soils

INVOICE #: 14133  
P.O.: R-1942

L. Lewis  
Project: Avondale

	Au ppb
AV L32+00E 1+50N	<5
AV L32+00E 2+00N	<5
AV L32+00E 2+50N	<5
AV L32+00E 3+00N	10
AV L32+00E 3+50N	10
AV L32+00E 4+00N	5
AV L32+00E 4+50N	5
AV L32+00E 5+00N	5
AV L32+00E 5+50N	10
AV L32+00E 6+00N	5

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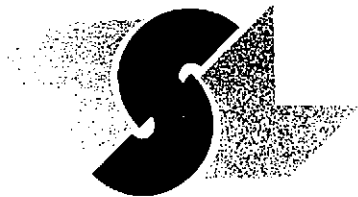
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SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (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.  
S9094

SAMPLE(S) OF Soils

INVOICE #: 14157  
P.O.: R-1941

L. Lewis  
Project: Avondale

	Au ppb
AV L20+00E 0+50N	<5
AV L20+00E 1+00N	<5
AV L20+00E 1+50N	<5
AV L20+00E 2+50N	<5
AV L20+00E 3+00N	<5
AV L20+00E 3+50N	<5
AV L20+00E 4+00N	<5
AV L20+00E 4+50N	5
AV L20+00E 5+00N	<5
AV L20+00E 5+50N	40
AV L20+00E 6+00N	<5
AV L22+00E 0+50N	<5
AV L22+00E 1+00N	<5
AV L22+00E 1+50N	<5
AV L22+00E 2+00N	<5
AV L22+00E 2+50N	<5
AV L22+00E 3+00N	<5
AV L22+00E 3+50N	<5
AV L22+00E 4+00N	10
AV L22+00E 4+50N	<5

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants-Vancouver

Jul 10/90

SIGNED *Dennis Pilipniuk*

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





# 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.  
S9094

SAMPLE(S) OF Soils

INVOICE #: 714157  
P.O.: R-1941

L. Lewis  
Project: Avondale

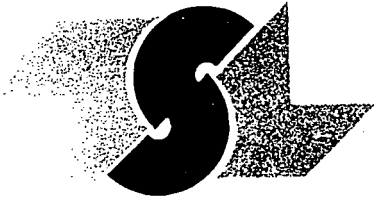
	Au ppb
AV L22+00E 5+00N	<5
AV L22+00E 5+50N	<5
AV L22+00E 6+00N	<5
AV L24+00E 0+50N	<5
AV L24+00E 1+00N	<5
AV L24+00E 1+50N	<5
AV L24+00E 2+00N	<5
AV L24+00E 2+50N	<5
AV L24+00E 3+00N	<5
AV L24+00E 3+50N	<5
AV L24+00E 4+00N	<5
AV L24+00E 4+50N	<5
AV L24+00E 5+00N	<5
AV L24+00E 5+50N	5
AV L24+00E 6+00N	25
AV L24+00E 6+50N	<5
AV L24+00E 7+00N	<5
AV L24+00E 7+50N	<5
AV L24+00E 8+00N	<5
AV L24+00E 8+50N	<5

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INVOICE TO: OreQuest Consultants-Vancouver

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SIGNED *Dennis Pildziak*





# 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.  
S9094

SAMPLE(S) OF Soils

INVOICE #: 7 14157  
P.O.: R-1941

L. Lewis  
Project: Avondale

	Au
	ppb
AV L24+00E 9+00N	<5
AV L24+00E 9+50N	5
AV L24+00E 10+00N	<5

COPIES TO: C. Idziszek, J. Foster  
INVOICE TO: OreQuest Consultants-Vancouver

Jul 10/90

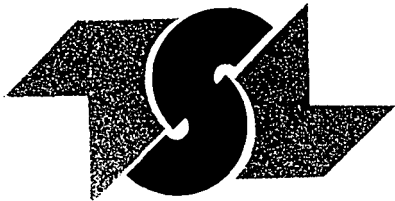
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For enquiries on this report, please contact Customer Service Department.  
Samples, Pulps and Rejects discarded two months from the date of this report.

Page 3 of 3







# 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.

S9140

SAMPLE(S) OF

Rock

INVOICE #: 14209

P.O.: R-1938

L. Lewis  
Project: Avondale-Hall

	Pt ppb	Pd ppb
LL-31	<10	16
LL-32	<10	24
LL-33	<10	14
LL-34	<10	12
LL-35	<10	4
LL-36	<10	94
LL-37	<10	22
LL-38	<10	24
LL-39	<10	20

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INVOICE TO: OreQuest Consultants-Vancouver

Jul 13/90

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Samples, Pulps and Rejects discarded two months from the date of this report.



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 - 8844 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13859

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1846

ALL RESULTS PPM

ELEMENT	LO+00E 0+00	LO+00E 0+50S	LO+00E 1+00S	LO+00E 1+50S	LO+00E 2+00S	LO+00E 2+50S	LO+00E 3+00S	LO+00E 3+50S	LO+00E 4+00S	LO+00E 4+50S
Aluminum [Al]	16000	29000	47000	29000	37000	40000	32000	32000	40000	18000
Iron [Fe]	37000	35000	52000	27000	42000	39000	37000	36000	33000	23000
Calcium [Ca]	1700	2000	960	4000	2200	1800	1700	1200	1700	1900
Magnesium [Mg]	3700	3800	4900	5300	4700	5500	5100	4400	5700	3600
Sodium [Na]	110	150	90	190	170	150	140	110	140	100
Potassium [K]	310	320	290	490	480	420	550	340	870	420
Titanium [Ti]	1900	1800	1700	2200	2000	1800	1600	2000	1300	1200
Manganese [Mn]	470	470	500	390	560	490	520	320	570	500
Phosphorus [P]	750	720	850	170	450	350	310	420	570	340
Barium [Ba]	67	110	73	240	120	210	190	110	150	120
Chromium [Cr]	40	51	140	73	63	48	41	40	44	28
Zirconium [Zr]	5	5	10	4	7	6	5	6	4	2
Copper [Cu]	38	50	43	48	87	110	73	64	74	14
Nickel [Ni]	20	25	43	52	37	39	29	25	34	11
Lead [Pb]	10	6	4	7	5	4	5	8	4	7
Zinc [Zn]	54	58	110	63	79	66	68	62	71	44
Vanadium [V]	110	110	93	120	130	120	110	100	87	78
Strontium [Sr]	11	14	7	24	13	13	14	10	16	18
Cobalt [Co]	11	15	19	15	19	14	17	12	15	9
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	2	2	2	2	3	1	< 1	1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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	10	< 5	5	< 5
Yttrium [Y]	3	6	4	6	5	5	6	4	4	3
Scandium [Sc]	3	4	5	5	5	6	5	4	4	3
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]	50	50	60	70	70	80	80	70	80	50
Arsenic [As]	10	10	< 5	15	15	20	10	< 5	5	10
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	10	15	15	15	15	15	10	20	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-01-1990

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

T.S.L. REPORT No. : S - 8844 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13859

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L0+00E 5+00S	L2+00E 0+00	L2+00E 0+50S	L2+00E 1+00S	L2+00E 1+50S	L2+00E 2+00S	L2+00E 2+50S	L2+00E 3+00S	L2+00E 3+50S	L2+00E 4+00S
Aluminum [Al]	22000	18000	34000	22000	18000	31000	26000	32000	28000	33000
Iron [Fe]	30000	39000	41000	35000	41000	32000	43000	39000	38000	41000
Calcium [Ca]	1600	3600	2800	3100	3700	4300	2600	3200	3400	3000
Magnesium [Mg]	4400	3600	6200	4000	3900	4800	5300	5700	4700	5700
Sodium [Na]	90	160	160	140	100	170	160	170	150	200
Potassium [K]	370	370	980	450	430	480	420	590	530	520
Titanium [Ti]	1100	3200	2800	2300	2400	1500	3000	2000	1800	2000
Manganese [Mn]	350	670	950	1400	870	1600	430	640	1100	1300
Phosphorus [P]	260	360	540	550	490	500	270	540	580	490
Barium [Ba]	140	280	230	190	230	190	250	210	160	190
Chromium [Cr]	33	39	63	38	36	49	54	68	52	54
Zirconium [Zr]	3	5	5	3	4	3	7	4	4	5
Copper [Cu]	29	55	71	75	29	110	59	76	66	84
Nickel [Ni]	18	26	55	34	23	48	38	50	35	46
Lead [Pb]	5	10	6	19	10	4	7	5	5	4
Zinc [Zn]	53	62	91	83	94	95	70	87	86	82
Vanadium [V]	92	130	110	110	110	100	140	120	110	120
Strontium [Sr]	17	27	23	20	27	30	19	24	26	21
Cobalt [Co]	12	19	24	20	22	21	16	19	23	23
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	2	1	< 1	2	< 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	15	< 5	5
Yttrium [Y]	2	12	11	11	4	14	4	11	14	7
Scandium [Sc]	3	3	4	3	2	3	5	4	4	5
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]	60	60	90	50	60	60	80	80	70	90
Arsenic [As]	5	10	10	< 5	10	< 5	10	< 5	5	15
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]	15	5	15	5	10	10	15	15	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : 5 - 8844 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13859

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L2+00E 4+50S	L2+00E 5+00S	L4+00E 0+00	L4+00E 0+50S	L4+00E 1+00S	L4+00E 1+50S	L4+00E 2+00S	L4+00E 2+50S	L4+00E 3+00S	L4+00E 3+50S
Aluminum [Al]	27000	26000	22000	29000	29000	19000	22000	18000	22000	24000
Iron [Fe]	34000	37000	36000	32000	35000	34000	47000	38000	48000	29000
Calcium [Ca]	3900	2300	4000	2500	3200	3600	2200	2100	1800	4100
Magnesium [Mg]	3700	4700	4300	4000	4900	3700	3800	2900	4200	3800
Sodium [Na]	120	140	130	120	150	170	130	130	140	130
Potassium [K]	340	530	910	470	600	430	470	340	430	460
Titanium [Ti]	1100	1800	2800	1800	2200	2800	3800	2900	3200	1700
Manganese [Mn]	2800	640	1100	1200	1700	760	360	400	310	780
Phosphorus [P]	650	490	440	630	550	590	470	330	620	750
Barium [Ba]	190	180	230	200	270	240	160	140	80	200
Chromium [Cr]	45	41	50	44	45	39	40	33	43	45
Zirconium [Zr]	2	5	4	2	4	4	6	4	7	3
Copper [Cu]	110	57	140	220	110	64	53	39	41	64
Nickel [Ni]	31	31	40	44	42	27	29	22	27	29
Lead [Pb]	4	7	15	7	6	9	10	9	6	12
Zinc [Zn]	68	70	77	60	86	54	54	48	58	54
Vanadium [V]	93	120	95	88	110	120	170	140	170	94
Strontium [Sr]	31	19	29	22	23	30	18	18	12	33
Cobalt [Co]	27	16	27	20	23	17	17	16	13	12
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	18	8	9	19	15	13	5	5	4	8
Scandium [Sc]	3	4	3	3	4	3	3	3	4	3
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]	50	70	60	50	70	50	50	30	60	50
Arsenic [As]	15	< 5	5	10	< 5	< 5	15	10	< 5	20
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]	10	10	10	10	10	5	5	5	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-01-1990

SIGNED :

*Bernie Dunn*

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. : 5 - 8844 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13859

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L4+00E 4+00S	L4+00E 4+50S	L4+00E 5+00S	L4+00E 5+50S	L4+00E 6+00S	L4+00E 6+50S	L4+00E 7+00S	L4+00E 7+50S	L4+00E 8+00S	L4+00E 8+50S
Aluminum [Al]	13000	8300	17000	33000	31000	22000	29000	43000	40000	29000
Iron [Fe]	28000	23000	29000	37000	35000	26000	37000	37000	39000	35000
Calcium [Ca]	1800	1400	2000	2400	2600	1800	2100	2100	2000	2200
Magnesium [Mg]	3100	1500	3500	4600	4300	3900	4700	5400	4900	4700
Sodium [Na]	120	100	150	200	210	100	150	160	170	150
Potassium [K]	360	170	260	600	450	500	440	530	450	470
Titanium [Ti]	1700	2100	2100	2400	2100	1100	2300	3700	2600	2100
Manganese [Mn]	790	180	260	450	340	420	340	400	430	450
Phosphorus [P]	700	260	860	850	780	420	510	430	600	800
Barium [Ba]	91	48	81	140	110	92	120	110	110	110
Chromium [Cr]	62	41	46	50	43	28	54	56	54	41
Zirconium [Zr]	2	2	4	7	6	2	6	8	7	5
Copper [Cu]	28	6	20	83	120	24	63	98	74	62
Nickel [Ni]	33	9	23	36	34	15	36	43	39	29
Lead [Pb]	9	10	4	8	5	6	5	3	4	6
Zinc [Zn]	38	17	46	70	80	52	74	75	66	60
Vanadium [V]	110	120	100	120	120	81	120	110	120	120
Strontium [Sr]	12	9	12	16	13	16	15	22	14	16
Cobalt [Co]	10	6	9	15	14	9	15	18	15	14
Molybdenum [Mo]	< 2	2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	2	2	3	4	5	3	4	3	3	3
Scandium [Sc]	2	2	3	5	5	3	4	4	4	4
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]	30	40	40	70	60	50	70	70	70	70
Arsenic [As]	5	< 5	< 5	20	< 5	10	15	< 5	< 5	20
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	10	10	15	15	15	20	15	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8844 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13859

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L4+00E	9+005
Aluminum [Al]	24000	
Iron [Fe]	35000	
Calcium [Ca]	1500	
Magnesium [Mg]	3300	
Sodium [Na]	90	
Potassium [K]	280	
Titanium [Ti]	1600	
Manganese [Mn]	220	
Phosphorus [P]	530	
Barium [Ba]	77	
Chromium [Cr]	35	
Zirconium [Zr]	3	
Copper [Cu]	25	
Nickel [Ni]	16	
Lead [Pb]	7	
Zinc [Zn]	54	
Vanadium [V]	110	
Strontium [Sr]	16	
Cobalt [Co]	9	
Molybdenum [Mo]	< 2	
Silver [Ag]	< 1	
Cadmium [Cd]	< 1	
Beryllium [Be]	< 1	
Boron [B]	< 10	
Antimony [Sb]	< 5	
Yttrium [Y]	2	
Scandium [Sc]	3	
Tungsten [W]	< 10	
Niobium [Nb]	< 10	
Thorium [Th]	50	
Arsenic [As]	10	
Bismuth [Bi]	< 5	
Tin [Sn]	< 10	
Lithium [Li]	20	
Holmium [Ho]	< 10	

DATE : JUN-01-1990

SIGNED :

*Bernie Owen*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7N 3A4  
 TELEPHONE #: (306) 931-1033  
 FAX #: (306) 242-4717

I.C.A.F. 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. : E - 8845 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 1363E

ATTN: C. IDZISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1881 ALL RESULTS PPM

ELEMENT	L12+00E 0+50N	L12+00E 1+00N	L12+00E 1+50N	L12+00E 2+00N	L12+00E 2+50N	L12+00E 3+00N	L12+00E 3+50N	L12+00E 4+00N	L12+00E 4+50N	L12+00E 5+00N
Aluminum [Al]	33000	23000	34000	29000	16000	31000	26000	36000	21000	23000
Iron [Fe]	38000	42000	51000	47000	49000	46000	38000	47000	47000	42000
Calcium [Ca]	2300	1300	1200	1100	1400	1400	1300	1400	1600	2700
Magnesium [Mg]	3000	2600	3700	3700	3100	4200	5200	4600	4000	5300
Sodium [Na]	170	120	90	110	100	120	120	140	170	260
Potassium [K]	400	210	260	250	300	390	340	350	370	430
Titanium [Ti]	2700	2300	2600	1900	2400	1700	2500	4100	4500	6100
Manganese [Mn]	700	290	280	360	300	420	430	300	260	490
Phosphorus [P]	450	530	710	720	710	910	680	820	570	480
Barium [Ba]	170	100	90	140	100	100	100	76	66	100
Chromium [Cr]	52	35	46	34	29	38	49	59	45	56
Zirconium [Zr]	4	4	7	4	5	6	5	10	7	7
Copper [Cu]	60	41	45	60	29	100	69	97	44	41
Nickel [Ni]	45	23	21	23	17	24	35	34	26	45
Lead [Pb]	7	7	6	5	11	4	7	6	10	10
Zinc [Zn]	79	61	49	42	51	71	60	45	40	84
Vanadium [V]	100	130	120	130	170	110	110	99	120	100
Strontium [Sr]	21	12	10	9	7	7	10	11	12	26
Cobalt [Co]	22	12	10	10	11	11	12	13	12	20
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	< 1	< 1	< 1	< 1	< 1	< 1	1	1	2
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]	7	8	4	4	3	5	4	5	4	4
Scandium [Sc]	3	2	4	3	3	5	4	4	3	3
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]	70	40	60	50	50	60	80	70	60	80
Arsenic [As]	20	15	15	10	10	< 5	< 5	15	25	10
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]	10	< 5	5	5	< 5	10	10	10	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	10	< 10	< 10	< 10	< 10

DATE : JUN-15-1990

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-Regis Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6  
 ATTN: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : S - 8845 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13838

PROJECT: AVONDALE P.O. R-1861 ALL RESULTS PPM

ELEMENT	L12+00E 5+50N	L12+00E 6+00N	L12+00E 6+50N	L12+00E 7+00N	L12+00E 7+50N	L12+00E 8+00N	L12+00E 8+50N	L12+00E 9+00N	L12+00E 9+50N	L12+00E 10+00N
Aluminum [Al]	21000	38000	28000	17000	8200	17000	18000	20000	17000	8700
Iron [Fe]	40000	43000	48000	51700	52000	38000	62000	45000	38000	28000
Calcium [Ca]	3400	2000	2300	2200	1400	1700	1300	560	1900	500
Magnesium [Mg]	4600	6100	6400	3700	1500	4000	2600	3600	4300	1900
Sodium [Na]	270	130	140	240	100	200	100	110	120	100
Potassium [K]	520	670	720	430	200	480	380	230	440	160
Titanium [Ti]	6200	4000	6800	3800	2700	4500	3700	4800	7700	3600
Manganese [Mn]	410	340	320	240	140	230	140	260	180	140
Phosphorus [P]	430	860	720	1300	520	530	660	480	460	480
Barium [Ba]	130	68	78	39	63	66	64	49	68	39
Chromium [Cr]	61	110	90	48	18	29	22	61	41	27
Zirconium [Zr]	5	7	8	7	3	4	9	6	7	3
Copper [Cu]	36	120	43	50	17	30	33	13	15	22
Nickel [Ni]	40	100	75	26	9	23	8	21	30	8
Lead [Pb]	10	4	8	10	11	7	10	6	6	10
Zinc [Zn]	59	48	54	38	23	39	22	23	28	18
Vanadium [V]	100	81	88	130	170	110	170	170	110	120
Strontium [Sr]	30	12	18	13	11	10	8	6	18	4
Cobalt [Co]	18	17	22	11	8	14	9	12	19	7
Molybdenum [Mo]	< 2	< 2	< 2	2	< 2	2	2	< 2	< 2	2
Silver [Ag]	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	2	1	2	< 1	< 1	1	< 1	< 1	2	< 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]	6	5	4	3	2	3	3	2	3	2
Scandium [Sc]	3	2	1	3	2	2	3	4	1	2
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]	60	80	100	60	50	50	40	50	60	40
Arsenic [As]	< 5	10	10	10	< 5	< 5	5	10	< 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]	10	15	15	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-15-1990

SIGNED :

*Bernie Dunn*



T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7N 6A4  
 TELEPHONE #: (306) 931-1030  
 FAX #: (306) 242-4717

I.C.A.F. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-208 WEST HASTING ST.  
 VANCOUVER, B.C.  
 V6C 2K6

T.S.L. REPORT No. : 5 - 8845 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13836

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. 5-188

ALL RESULTS PPM

ELEMENT	L12+00E 10+50N	L14+00E 0+50N	L14+00E 1+00N	L14+00E 1+50N	L14+00E 2+00N	L14+00E 2+50N	L14+00E 3+00N	L14+00E 3+50N	L14+00E 4+00N	L14+00E 4+50N
Aluminum [Al]	22000	7700	19000	12000	15000	35000	25000	15000	21000	31000
Iron [Fe]	52000	30000	45000	41000	53000	45000	46000	50000	55000	37000
Calcium [Ca]	600	1100	2500	1900	1100	820	1800	1300	920	1600
Magnesium [Mg]	3500	1300	4500	2200	3300	2600	4300	2300	4200	3900
Sodium [Na]	70	70	160	120	110	100	120	100	100	130
Potassium [K]	210	290	510	320	270	330	380	330	430	400
Titanium [Ti]	2700	2800	4100	2500	3000	1500	2400	3300	4300	2000
Manganese [Mn]	190	260	430	260	300	450	330	300	450	250
Phosphorus [P]	370	550	1100	950	1000	1300	470	790	710	720
Barium [Ba]	46	74	77	110	74	62	73	59	85	65
Chromium [Cr]	16	20	55	25	35	37	40	25	43	35
Zirconium [Zr]	6	2	5	4	7	5	5	4	7	4
Copper [Cu]	24	5	26	28	27	55	73	40	27	150
Nickel [Ni]	8	10	39	15	17	20	27	11	22	21
Lead [Pb]	10	11	5	10	13	6	10	10	10	6
Zinc [Zn]	19	25	42	33	34	42	43	29	50	38
Vanadium [V]	190	140	120	130	160	110	160	180	150	89
Strontium [Sr]	5	9	22	12	11	7	11	8	8	8
Cobalt [Co]	5	7	13	9	11	8	10	8	12	10
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	3	2	3	4	3	3	4	3	3	8
Scandium [Sc]	4	1	2	2	3	3	4	2	3	3
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]	60	60	70	40	50	50	70	30	60	60
Arsenic [As]	20	5	10	10	15	40	20	15	10	10
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	10	5	< 5	5	5
Hafnium [Hf]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-15-1990

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

2-302-45TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 931-1032  
 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 - 8845 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13838

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. #1861

ALL RESULTS PPM

ELEMENT	L14+00E	L14+00E	L14+00E	L14+00E	L14+00E	L14+00E	L14+00E	L14+00E	L14+00E	L14+00E
	5+00N	5+50N	6+00N	6+50N	7+00N	7+50N	8+00N	8+50N	9+50N	10+00N
Aluminum [Al]	13000	34000	21000	11000	31000	19000	15000	20000	18000	9300
Iron [Fe]	49000	51000	41000	58000	35000	39000	45000	34000	46000	43000
Calcium [Ca]	1400	1700	940	1100	2300	2500	1500	3900	1300	1200
Magnesium [Mg]	2700	3600	3700	2900	3200	4800	2100	3500	3700	900
Sodium [Na]	120	170	120	110	140	90	90	170	110	230
Potassium [K]	270	320	310	260	380	360	280	430	260	200
Titanium [Ti]	5300	2700	2100	5500	2000	6100	4500	1800	1600	2800
Manganese [Mn]	180	340	290	190	260	230	160	420	160	83
Phosphorus [P]	630	890	500	730	460	630	590	460	610	660
Barium [Ba]	51	78	73	39	95	90	47	97	46	33
Chromium [Cr]	34	29	21	24	25	65	24	28	51	24
Zirconium [Zr]	7	9	5	5	3	4	4	4	5	4
Copper [Cu]	18	180	52	11	130	25	37	100	54	20
Nickel [Ni]	14	17	12	9	18	32	11	18	24	9
Lead [Pb]	11	5	7	10	6	9	9	7	7	10
Zinc [Zn]	26	38	42	31	44	39	36	53	30	18
Vanadium [V]	180	160	140	260	96	130	180	110	190	180
Strontium [Sr]	9	7	5	6	14	25	8	15	7	5
Cobalt [Co]	11	10	7	16	16	19	11	12	8	6
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	4	4	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	2	2	< 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]	2	7	3	2	19	4	4	6	3	2
Scandium [Sc]	2	7	4	2	3	1	2	4	4	2
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]	50	60	60	40	40	60	30	50	50	40
Arsenic [As]	10	15	< 5	10	< 5	10	< 5	10	15	< 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	10	5	< 5	10	< 5	< 5	10	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-15-1990

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 - 8846 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13860

ATTN: J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L8+00E 7+00S	L8+00E 7+50S	L8+00E 8+00S	L8+00E 8+50S	L8+00E 9+00S	L18+00E 0+00	L18+00E 0+50S	L18+00E 1+00S	L18+00E 1+50S	L18+00E 2+00S
Aluminum [Al]	32000	21000	25000	26000	20000	18000	29000	17000	17000	13000
Iron [Fe]	38000	49000	42000	35000	34000	33000	44000	45000	47000	36000
Calcium [Ca]	1900	1400	3300	3100	2900	3400	2400	4200	1500	2100
Magnesium [Mg]	4800	3600	3400	3700	3800	3800	5400	4200	3200	2700
Sodium [Na]	140	110	110	120	110	100	130	100	100	100
Potassium [K]	490	300	310	380	690	450	750	570	290	220
Titanium [Ti]	2600	3800	2500	1500	2500	1500	3800	4100	3600	4200
Manganese [Mn]	370	260	360	1300	1100	340	430	310	190	220
Phosphorus [P]	440	340	320	480	670	440	610	670	540	530
Barium [Ba]	150	120	150	180	230	170	140	200	63	98
Chromium [Cr]	51	43	43	43	40	39	57	44	47	29
Zirconium [Zr]	7	7	4	3	3	3	7	5	7	4
Copper [Cu]	130	36	40	66	51	34	70	28	22	19
Nickel [Ni]	40	24	24	26	29	23	41	26	23	14
Lead [Pb]	8	11	8	7	11	6	4	11	11	8
Zinc [Zn]	60	44	52	91	49	53	61	44	35	23
Vanadium [V]	130	170	130	110	110	110	100	150	130	140
Strontium [Sr]	12	12	21	22	23	23	20	27	9	12
Cobalt [Co]	16	12	14	20	22	13	19	13	10	11
Molybdenum [Mo]	< 2	2	2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	6	2	10	11	5	5	5	3	2	3
Scandium [Sc]	5	3	3	3	2	2	3	2	2	2
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]	70	60	50	60	60	60	80	60	40	40
Arsenic [As]	15	10	5	5	15	5	10	< 5	10	< 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]	15	10	10	10	< 5	10	10	< 5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-01-1990

SIGNED :

*Bernie Drenn*

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-B08 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8846 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13861

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L18+00E 2+50S	L18+00E 3+00S	L18+00E 3+50S	L18+00E 4+00S	L18+00E 4+50S	L18+00E 5+00S	L18+00E 5+50S	L18+00E 6+00S	L18+00E 6+50S	L18+00E 7+00S
Aluminum [Al]	24000	36000	27000	29000	26000	23000	33000	30000	23000	24000
Iron [Fe]	43000	47000	40000	37000	37000	37000	39000	46000	45000	40000
Calcium [Ca]	2600	2100	2600	2300	1800	2000	1800	2700	2300	1300
Magnesium [Mg]	4800	4500	5000	5100	4000	4500	5200	4900	4100	3400
Sodium [Na]	100	140	170	120	100	120	110	90	70	100
Potassium [K]	470	490	490	580	340	410	570	700	620	370
Titanium [Ti]	4000	3400	2900	2000	2100	2700	2900	2800	3100	2600
Manganese [Mn]	330	410	470	1300	610	590	510	490	610	310
Phosphorus [P]	500	860	520	680	450	440	380	490	540	580
Barium [Ba]	110	89	160	190	130	160	180	200	140	81
Chromium [Cr]	50	40	43	47	36	41	59	50	38	33
Zirconium [Zr]	7	7	5	3	4	4	5	5	5	4
Copper [Cu]	49	95	100	71	77	65	62	61	30	29
Nickel [Ni]	33	26	35	40	27	32	44	41	24	18
Lead [Pb]	9	6	6	6	7	11	8	7	6	6
Zinc [Zn]	52	64	63	93	59	63	80	88	82	59
Vanadium [V]	120	130	100	99	110	93	100	120	110	100
Strontium [Sr]	17	12	18	17	14	15	15	17	13	8
Cobalt [Co]	14	14	17	20	17	19	20	16	14	12
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	4	8	10	10	11	6	5	5	5	3
Scandium [Sc]	3	5	4	3	3	3	3	3	3	3
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]	70	70	70	70	60	70	70	70	60	50
Arsenic [As]	5	10	15	20	10	< 5	10	10	15	20
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]	10	5	10	10	5	5	10	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-01-1990

SIGNED :

*Bernie Durn*

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 - 8846 - 3  
T.S.L. File No. :  
T.S.L. Invoice No. : 13861

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L18+00E 7+50S	L18+00E 8+00S	L18+00E 8+50S	L18+00E 9+00S
Aluminum [Al]	23000	20000	17000	9300
Iron [Fe]	40000	33000	46000	40000
Calcium [Ca]	2000	3000	1600	1700
Magnesium [Mg]	4700	3300	3000	1800
Sodium [Na]	120	130	100	80
Potassium [K]	440	410	380	220
Titanium [Ti]	2800	2200	3900	4200
Manganese [Mn]	370	2200	700	280
Phosphorus [P]	330	390	500	480
Barium [Ba]	120	160	190	92
Chromium [Cr]	39	32	35	29
Zirconium [Zr]	6	3	6	4
Copper [Cu]	68	67	26	13
Nickel [Ni]	32	28	19	13
Lead [Pb]	6	9	11	15
Zinc [Zn]	55	86	68	42
Vanadium [V]	110	87	160	170
Strontium [Sr]	14	21	13	13
Cobalt [Co]	14	28	15	13
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]	4	9	5	2
Scandium [Sc]	4	2	3	2
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	70	40	50	30
Arsenic [As]	10	10	10	10
Bismuth [Bi]	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10

DATE : JUN-01-1990

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: C. IDZISZEK, I. FOSTER

PROJECT: AVONDALE

T.S.L. REPORT No. : 8 - 8653 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13896

ALL RESULTS PPM

ELEMENT	L20+00E 0+00	L20+00E 1+00S	L20+00E 1+50S	L20+00E 2+00S	L20+00E 2+50S	L20+00E 3+00S	L20+00E 3+50S	L20+00E 4+00S	L20+00E 4+50S	L20+00E 5+00S
Aluminum [Al]	11000	18000	11000	6000	21000	25000	15000	33000	29000	30000
Iron [Fe]	26000	44000	38000	24000	34000	28000	37000	44000	40000	38000
Calcium [Ca]	1200	1300	1800	2200	4800	6000	2800	1800	2600	2500
Magnesium [Mg]	1800	3100	1300	1100	3900	4700	2900	3500	5000	4300
Sodium [Na]	80	110	80	70	130	150	110	100	130	120
Potassium [K]	120	260	180	110	360	540	210	190	570	410
Titanium [Ti]	2400	2100	2300	2100	2400	1500	4600	2500	3000	3100
Manganese [Mn]	110	200	99	75	970	4200	300	280	660	360
Phosphorus [P]	320	260	250	140	390	610	640	1100	850	480
Barium [Ba]	32	42	33	53	180	230	70	52	160	130
Chromium [Cr]	33	32	31	26	34	39	29	41	45	44
Zirconium [Zr]	2	5	3	1	2	< 1	4	7	5	6
Copper [Cu]	23	32	29	13	76	66	32	38	68	88
Nickel [Ni]	11	14	11	8	21	29	15	18	34	30
Lead [Pb]	4	< 1	6	3	3	1	4	< 1	< 1	< 1
Zinc [Zn]	17	24	26	17	56	61	36	45	69	46
Vanadium [V]	110	150	120	130	100	77	110	99	110	120
Strontium [Sr]	7	7	7	13	36	41	18	9	18	18
Cobalt [Co]	1	6	3	2	25	27	5	5	21	10
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	2	3	2	2	10	14	5	3	5	6
Scandium [Sc]	2	3	2	1	2	2	2	4	4	4
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	60	90	< 10	60	80	60	50	80	80
Arsenic [As]	5	10	< 5	< 5	5	10	10	< 5	< 5	15
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	10	< 5	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

SIGNED :

*Bernie Anna*

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 - 8853 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13896

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L20+00E	L20+00E	L20+00E	L20+00E	L20+00E	L20+00E	L20+00E	L20+00E
	5+505	6+005	6+505	7+005	7+505	8+005	8+505	9+005
Aluminum [Al]	18000	25000	35000	23000	17000	36000	38000	21000
Iron [Fe]	35000	46000	33000	41000	42000	42000	38000	41000
Calcium [Ca]	1400	2000	2700	1500	1400	1700	1500	3100
Magnesium [Mg]	3200	4500	5100	4000	2900	4400	3600	4600
Sodium [Na]	90	100	130	90	100	110	100	120
Potassium [K]	260	410	460	340	250	370	320	440
Titanium [Ti]	2400	2900	2300	3200	3200	3100	1900	2800
Manganese [Mn]	240	300	790	280	240	340	490	360
Phosphorus [P]	590	730	530	620	550	530	1300	530
Barium [Ba]	77	130	190	84	73	110	88	110
Chromium [Cr]	28	36	54	39	35	41	43	37
Zirconium [Zr]	3	5	5	6	5	6	4	3
Copper [Cu]	40	72	120	31	21	46	47	40
Nickel [Ni]	15	25	38	20	17	23	20	25
Lead [Pb]	4	< 1	< 1	< 1	3	< 1	< 1	2
Zinc [Zn]	37	50	72	47	39	58	50	52
Vanadium [V]	140	120	87	120	140	110	95	110
Strontium [Sr]	9	14	20	11	10	13	10	18
Cobalt [Co]	5	8	23	5	4	9	11	10
Molybdenum [Mo]	< 2	< 2	< 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]	3	9	9	3	2	4	4	4
Scandium [Sc]	3	3	4	3	2	4	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	80	80	70	60	80	50	80
Arsenic [As]	5	10	< 5	20	10	< 5	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	10	10	< 5	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

SIGNED :

*Bernie Ann*

T S L LABORATORIES

2-302-48TH STREET, BASKATOON, 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 2K6  
 ATTN: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : S - 8859 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13897

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L14+00E 0+00	L14+00E 0+50S	L14+00E 1+00S	L14+00E 1+50S	L14+00E 2+00S	L14+00E 2+50S	L14+00E 3+00S	L14+00E 3+50S	L14+00E 4+00S	L14+00E 4+50S
Aluminum [Al]	23000	29000	36000	24000	31000	27000	18000	27000	26000	24000
Iron [Fe]	52000	49000	44000	47000	44000	40000	37000	32000	47000	40000
Calcium [Ca]	1300	2600	2600	2600	2100	2600	2700	1700	1700	3200
Magnesium [Mg]	3900	5400	6200	4900	5400	5300	3900	4100	4500	5400
Sodium [Na]	120	130	150	170	130	150	160	120	130	240
Potassium [K]	310	290	500	380	380	450	350	350	430	640
Titanium [Ti]	3400	2700	2700	3700	3200	3000	2300	2100	2300	3300
Manganese [Mn]	410	440	590	410	510	360	400	670	490	1100
Phosphorus [P]	690	470	420	450	390	350	550	410	850	850
Barium [Ba]	120	140	160	140	120	110	230	140	120	170
Chromium [Cr]	38	43	50	44	46	43	36	35	44	64
Zirconium [Zr]	5	5	6	6	6	4	3	3	6	4
Copper [Cu]	41	52	81	34	41	48	39	58	46	45
Nickel [Ni]	21	33	44	30	36	36	26	23	26	43
Lead [Pb]	69	4	< 1	3	3	2	2	4	< 1	4
Zinc [Zn]	79	73	79	73	110	65	66	77	64	80
Vanadium [V]	130	130	120	130	110	110	100	89	100	97
Strontium [Sr]	10	19	21	21	20	20	21	15	12	21
Cobalt [Co]	7	11	14	8	11	9	8	17	10	15
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	4	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Baron [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]	4	4	6	3	4	4	4	10	4	4
Scandium [Sc]	3	4	5	3	4	4	3	3	4	3
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]	80	90	110	80	90	90	50	70	80	90
Arsenic [As]	15	< 5	10	5	< 5	15	< 5	< 5	20	< 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	15	10	10	10	< 5	10	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

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 - 8859 - 2  
T.S.L. File No. :  
T.S.L. Invoice No. : 13897

ATTN: C. IDZIBZEK, J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L14+00E 5+00S	L14+00E 5+50S	L14+00E 6+00S	L14+00E 6+50S	L14+00E 7+00S	L14+00E 7+50S	L14+00E 8+00S	L14+00E 8+50S	L14+00E 9+00S	L16+00E 0+00
Aluminum [Al]	27000	29000	28000	23000	25000	20000	28000	28000	23000	24000
Iron [Fe]	38000	43000	40000	37000	41000	37000	36000	41000	47000	52000
Calcium [Ca]	3100	3100	6300	5400	3100	2600	7000	3300	2000	2500
Magnesium [Mg]	5800	5500	6100	4500	4900	4100	5600	4900	4300	4600
Sodium [Na]	160	210	270	170	160	140	180	170	110	170
Potassium [K]	610	490	790	420	390	360	530	430	350	420
Titanium [Ti]	2600	3200	2600	1800	3300	3100	2200	2300	3300	4100
Manganese [Mn]	1400	460	1100	3200	810	380	810	1500	290	290
Phosphorus [P]	520	600	780	720	380	400	370	440	400	710
Barium [Ba]	210	140	200	260	150	150	190	220	140	90
Chromium [Cr]	60	51	66	49	39	41	46	46	40	57
Zirconium [Zr]	4	4	4	2	4	3	4	3	6	7
Copper [Cu]	65	73	79	63	56	42	72	70	35	45
Nickel [Ni]	46	41	58	38	30	25	41	37	26	27
Lead [Pb]	3	1	< 1	4	4	5	3	4	2	1
Zinc [Zn]	87	65	93	120	82	57	110	96	57	60
Vanadium [V]	98	110	96	96	130	130	120	120	170	140
Strontium [Sr]	23	21	34	31	20	17	35	22	15	19
Cobalt [Co]	18	13	17	20	15	7	17	25	8	6
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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	10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	8	9	8	6	8	4	6	13	3	4
Scandium [Sc]	4	4	3	2	3	3	4	4	3	3
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]	90	90	100	80	80	70	90	80	70	80
Arsenic [As]	10	< 5	< 5	10	5	20	5	5	10	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]	15	10	10	10	10	5	20	10	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

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.

T.S.L. REPORT No. : S - 8859 - 3

T.S.L. File No. :

T.S.L. Invoice No. : 13897

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L16+00E 0+50S	L16+00E 1+00S	L16+00E 1+50S	L16+00E 2+00S	L16+00E 2+50S	L16+00E 3+00S	L16+00E 3+50S	L16+00E 4+00S	L16+00E 4+50S	L16+00E 5+00S
Aluminum [Al]	32000	28000	26000	37000	24000	35000	23000	27000	24000	18000
Iron [Fe]	45000	49000	45000	40000	27000	38000	45000	38000	40000	37000
Calcium [Ca]	1700	1800	2800	1700	1800	2200	2300	1900	2400	2400
Magnesium [Mg]	4300	5000	5100	4800	3300	4900	4600	4500	5200	3600
Sodium [Na]	130	130	210	140	130	160	140	120	140	120
Potassium [K]	250	380	430	400	320	300	360	350	380	300
Titanium [Ti]	2600	3400	3500	2400	1300	2300	3100	2500	2700	2300
Manganese [Mn]	270	310	340	380	1200	340	400	1500	760	890
Phosphorus [P]	640	1100	950	870	1400	710	530	480	390	490
Barium [Ba]	67	61	75	110	100	110	130	170	150	200
Chromium [Cr]	36	43	59	43	34	42	54	38	37	32
Zirconium [Zr]	8	5	7	5	< 1	3	5	4	4	2
Copper [Cu]	82	63	62	82	85	60	29	72	66	77
Nickel [Ni]	17	28	36	30	22	29	29	30	32	25
Lead [Pb]	< 1	< 1	< 1	< 1	4	< 1	2	2	< 1	3
Zinc [Zn]	44	48	52	75	51	74	72	70	65	69
Vanadium [V]	120	110	110	100	68	98	110	100	110	86
Strontium [Sr]	9	11	18	10	12	16	18	17	19	15
Cobalt [Co]	5	7	7	8	14	9	8	21	14	14
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	5	5	5	5	4	5	4	8	7	6
Scandium [Sc]	4	4	4	5	2	4	3	3	3	3
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]	80	90	80	80	40	80	70	80	90	50
Arsenic [As]	15	< 5	10	5	< 5	5	< 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]	10	< 5	5	10	< 5	10	10	10	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

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  
 ATTN: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : S - 8859 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13897

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L16+00E 5+50S	L16+00E 6+00S	L16+00E 6+50S	L16+00E 7+00S	L16+00E 7+50S	L16+00E 8+00S	L16+00E 8+50S	L16+00E 9+00S
Aluminum [Al]	28000	18000	36000	24000	26000	20000	28000	28000
Iron [Fe]	45000	42000	46000	41000	35000	35000	34000	39000
Calcium [Ca]	1900	2100	2400	4800	3200	5500	5300	5500
Magnesium [Mg]	4500	3000	5300	4900	5000	3700	5100	5100
Sodium [Na]	90	120	140	150	170	140	200	160
Potassium [K]	440	370	590	470	510	520	510	520
Titanium [Ti]	2500	2600	2500	2600	2000	2100	1900	2000
Manganese [Mn]	710	460	450	750	1900	1900	2800	1600
Phosphorus [P]	1000	710	820	420	520	390	560	500
Barium [Ba]	100	130	130	210	310	300	240	210
Chromium [Cr]	51	29	45	40	46	41	48	46
Zirconium [Zr]	5	4	6	4	3	3	3	3
Copper [Cu]	36	50	74	84	83	57	88	66
Nickel [Ni]	29	17	35	39	42	30	40	38
Lead [Pb]	1	2	< 1	2	3	3	3	2
Zinc [Zn]	79	47	78	87	120	120	140	95
Vanadium [V]	100	120	120	110	92	85	92	110
Strontium [Sr]	14	13	14	29	22	37	33	33
Cobalt [Co]	12	6	11	15	20	26	22	21
Molybdenum [Mo]	< 2	< 2	< 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	4	6	8	8	10	14	9
Scandium [Sc]	3	3	5	3	3	3	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	60	100	80	70	70	80	80
Arsenic [As]	10	10	< 5	5	< 5	10	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	10	10	10	10	15	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

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 - 8860 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13898

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	LB+00E 0+50N	LB+00E 1+00N	LB+00E 1+50N	LB+00E 2+00N	LB+00E 2+50N	LB+00E 3+00N	LB+00E 3+50N
Aluminum [Al]	16000	15000	24000	28000	21000	28000	9000
Iron [Fe]	30000	41000	46000	41000	40000	34000	20000
Calcium [Ca]	3800	3800	3300	2100	2300	1700	2300
Magnesium [Mg]	3300	2400	3500	4100	4400	4400	2100
Sodium [Na]	100	140	100	120	110	110	120
Potassium [K]	350	190	260	260	470	370	250
Titanium [Ti]	2100	2600	1500	2000	3800	3400	2800
Manganese [Mn]	440	140	320	370	380	380	150
Phosphorus [P]	330	330	430	410	390	530	330
Barium [Ba]	170	93	150	120	100	82	79
Chromium [Cr]	29	34	35	47	43	48	44
Zirconium [Zr]	2	4	4	5	5	4	1
Copper [Cu]	55	23	65	49	28	41	14
Nickel [Ni]	20	11	20	28	26	28	22
Lead [Pb]	12	6	4	3	7	3	9
Zinc [Zn]	68	27	48	81	61	67	29
Vanadium [V]	77	170	110	110	96	73	85
Strontium [Sr]	23	19	21	15	18	16	18
Cobalt [Co]	10	3	12	13	8	8	3
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	3	8	4	3	3	2
Scandium [Sc]	2	3	3	3	3	2	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	30	50	70	80	70	80
Arsenic [As]	5	< 5	15	20	< 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	15	5	15	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

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  
 ATTN: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : S - 8860 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13898

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	LB+00E 4+00N	LB+00E 4+50N	LB+00E 5+00N	LB+00E 5+50N	LB+00E 6+00N	LB+00E 6+50N	LB+00E 7+00N
Aluminum [Al]	13000	27000	12000	19000	27000	11000	13000
Iron [Fe]	43000	40000	35000	26000	29000	25000	33000
Calcium [Ca]	1400	1500	2000	3800	6700	2200	1700
Magnesium [Mg]	3300	4100	2300	3500	3400	2100	1700
Sodium [Na]	90	110	110	190	170	140	130
Potassium [K]	230	430	250	250	270	400	160
Titanium [Ti]	4600	2000	2700	1600	1300	1700	2300
Manganese [Mn]	280	350	180	270	650	130	90
Phosphorus [P]	600	870	650	190	360	430	170
Barium [Ba]	70	59	34	69	84	34	29
Chromium [Cr]	43	65	40	28	28	28	26
Zirconium [Zr]	5	4	3	2	2	1	2
Copper [Cu]	9	40	19	36	63	31	22
Nickel [Ni]	20	39	17	18	21	12	10
Lead [Pb]	13	5	7	3	2	10	3
Zinc [Zn]	39	60	24	41	90	31	19
Vanadium [V]	130	93	130	89	79	100	150
Strontium [Sr]	22	11	11	13	23	7	7
Cobalt [Co]	9	5	2	8	16	3	2
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]	2	4	2	4	6	2	3
Scandium [Sc]	2	3	2	3	3	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	190	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	70	50	50	60	50	100
Arsenic [As]	5	10	15	15	5	15	5
Bismuth [Bi]	5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	< 5	10	15	< 5	< 5
Holmium [Ho]	50	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

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. : 5 - 8860 - 3  
T.S.L. File No. :  
T.S.L. Invoice No. : 13898

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	LB+00E 7+50N	LB+00E 8+00N	LB+00E 8+50N	LB+00E 9+00N	LB+00E 9+50N	LB+00E 10+00N	L10+00E 0+50N
Aluminum [Al]	9100	16000	23000	29000	53000	25000	25000
Iron [Fe]	26000	28000	31000	38000	45000	34000	26000
Calcium [Ca]	2000	2400	2400	1900	1100	1200	3200
Magnesium [Mg]	1800	3800	3700	3100	2100	3200	4300
Sodium [Na]	130	190	170	140	90	90	110
Potassium [K]	170	380	340	270	200	320	520
Titanium [Ti]	2200	2700	1900	2300	2000	1700	1400
Manganese [Mn]	85	140	140	140	76	74	1300
Phosphorus [P]	200	150	310	400	570	380	460
Barium [Ba]	30	36	48	38	23	27	270
Chromium [Cr]	28	32	25	26	40	33	44
Zirconium [Zr]	1	2	2	5	17	3	1
Copper [Cu]	14	24	74	64	78	51	110
Nickel [Ni]	11	16	17	13	7	12	39
Lead [Pb]	5	5	1	1	< 1	3	5
Zinc [Zn]	18	26	37	31	19	21	88
Vanadium [V]	140	140	98	140	140	110	77
Strontium [Sr]	7	8	8	7	4	6	30
Cobalt [Co]	2	4	6	4	1	3	27
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]	2	2	4	4	3	3	31
Scandium [Sc]	2	4	3	4	6	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	10
Thorium [Th]	40	70	70	60	30	50	70
Arsenic [As]	10	< 5	< 5	15	10	15	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	10	10	< 5	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

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 - 8860 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13898

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L10+00E 1+00N	L10+00E 1+50N	L10+00E 2+00N	L10+00E 2+50N	L10+00E 3+00N	L10+00E 3+50N	L10+00E 4+00N
Aluminum [Al]	17000	23000	13000	20000	31000	20000	49000
Iron [Fe]	33000	37000	25000	37000	35000	32000	43000
Calcium [Ca]	1500	4400	7500	2800	2600	3600	2000
Magnesium [Mg]	3000	5500	3300	3800	4700	2700	5300
Sodium [Na]	90	150	140	160	140	130	110
Potassium [K]	300	480	380	330	460	270	280
Titanium [Ti]	2800	3200	3100	3400	2000	1900	2200
Manganese [Mn]	330	560	420	240	680	530	360
Phosphorus [P]	380	360	420	360	470	330	480
Barium [Ba]	120	220	230	100	160	190	100
Chromium [Cr]	32	53	35	40	39	27	53
Zirconium [Zr]	3	4	2	4	3	2	8
Copper [Cu]	56	50	53	63	100	74	150
Nickel [Ni]	20	37	21	23	30	14	32
Lead [Pb]	5	5	9	14	2	3	< 1
Zinc [Zn]	57	88	61	42	89	54	77
Vanadium [V]	87	95	78	120	89	100	130
Strontium [Sr]	15	32	48	15	16	22	15
Cobalt [Co]	7	13	7	6	22	20	12
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	10	11	6	10	14	6
Scandium [Sc]	2	4	2	3	4	3	7
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	100	40	60	90	60	90
Arsenic [As]	< 5	15	< 5	10	10	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	< 5	< 5	10	< 5	10
Holmium [Ho]	< 10	10	10	< 10	< 10	< 10	< 10

DATE : JUN-08-1990

SIGNED :

*Bernie Owen*

T S L LABORATORIES

2-302-46TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 931 - 1033  
 FAX #: (306) 242 - 4717

I.C.A.F. 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 - 8860 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13898

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L10+00E	L10+00E	L10+00E	L10+00E	L10+00E	L10+00E	L10+00E
	4+50N	5+00N	5+50N	6+00N	6+50N	7+00N	7+50N
Aluminum [Al]	20000	26000	14000	11000	31000	16000	15000
Iron [Fe]	39000	39000	47000	36000	41000	37000	27000
Calcium [Ca]	1900	2200	1100	2600	2200	1400	1400
Magnesium [Mg]	2900	4000	2500	2400	4900	3000	1400
Sodium [Na]	130	170	90	120	140	140	90
Potassium [K]	200	270	190	190	270	210	250
Titanium [Ti]	2300	2100	2800	2800	2800	2300	1900
Manganese [Mn]	190	290	230	160	230	190	96
Phosphorus [P]	410	440	440	500	560	770	340
Barium [Ba]	60	110	110	91	94	37	60
Chromium [Cr]	35	35	26	21	95	23	18
Zirconium [Zr]	4	5	4	3	7	4	1
Copper [Cu]	50	81	20	21	43	29	50
Nickel [Ni]	17	18	11	9	37	10	9
Lead [Pb]	< 1	1	5	5	< 1	4	5
Zinc [Zn]	38	55	33	25	34	30	19
Vanadium [V]	140	130	180	180	140	130	90
Strontium [Sr]	9	10	7	17	6	12	9
Cobalt [Co]	4	6	5	3	7	3	2
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]	3	4	2	2	3	3	4
Scandium [Sc]	3	4	3	2	6	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	60	60	70	70	50	< 10
Arsenic [As]	10	< 5	15	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	< 10	10	< 10	< 10	< 10

DATE : JUN-08-1990

SIGNED :

*Bernie Orem*



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: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : S - 8860 - 6  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13898

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L10+00E	L10+00E	L10+00E	L10+00E	L10+00E	L10+00E
	8+00N	8+50N	9+00N	9+50N	10+00N	10+50N
Aluminum [Al]	15000	24000	18000	16000	12000	17000
Iron [Fe]	36000	38000	37000	34000	39000	37000
Calcium [Ca]	1000	2100	1900	1400	1700	1100
Magnesium [Mg]	2200	2600	5400	2000	2100	2400
Sodium [Na]	90	150	190	110	120	90
Potassium [K]	260	280	740	230	220	210
Titanium [Ti]	2800	2500	4600	2400	3100	4200
Manganese [Mn]	170	130	150	97	100	110
Phosphorus [P]	400	640	430	410	460	1000
Barium [Ba]	49	51	270	39	36	21
Chromium [Cr]	16	32	52	23	23	29
Zirconium [Zr]	3	6	5	3	4	9
Copper [Cu]	20	120	22	30	21	31
Nickel [Ni]	7	12	22	10	9	9
Lead [Pb]	5	4	3	2	6	7
Zinc [Zn]	20	28	45	18	21	22
Vanadium [V]	150	130	180	130	140	240
Strontium [Sr]	5	8	10	7	8	5
Cobalt [Co]	3	3	10	3	2	1
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	7	3	3	3	2
Scandium [Sc]	3	4	3	3	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	30	< 10	< 10	< 10
Thorium [Th]	80	50	90	80	70	60
Arsenic [As]	10	5	10	< 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	30	< 10	< 10	10

DATE : JUN-08-1990

SIGNED :

*Bernie Quinn*

T S L LABORATORIES

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

I.C.A.F. PLASMA SCAN

Aqua-Regia Digestion

GREGQUEST CONSULTANTS LTD.  
306 - 595 HOWE STREET  
VANCOUVER, B.C.  
V6C 2T5

T.S.L. REPORT No. : S - 8867 - 1  
T.S.L. File No. :  
T.S.L. Invoice No. : 13923

ATTN: B. Dawonck, J. Chapman

Project: AVONDALE

P.O. R-1859

ALL RESULTS PPM

ELEMENT	16+00E-0+50N	16+00E-1+00N	16+00E-1+50N	16+00E-2+00N	16+00E-2+50N	16+00E-3+00N
Aluminum [Al]	30000	11000	16000	25000	28000	12000
Iron [Fe]	48000	41000	42000	39000	33000	36000
Calcium [Ca]	1100	1600	820	980	1200	1300
Magnesium [Mg]	5800	2900	3400	3800	4600	2500
Sodium [Na]	80	70	60	90	90	100
Potassium [K]	900	410	670	240	180	160
Titanium [Ti]	4500	4400	3000	2400	2000	3800
Manganese [Mn]	400	230	460	260	220	130
Phosphorus [P]	660	880	1000	790	460	460
Barium [Ba]	150	53	82	46	48	64
Chromium [Cr]	55	30	30	37	34	28
Zirconium [Zr]	11	5	3	5	6	4
Copper [Cu]	45	33	24	27	60	16
Nickel [Ni]	43	15	17	22	27	12
Lead [Pb]	12	110	20	21	5	8
Zinc [Zn]	55	150	49	48	31	15
Vanadium [V]	120	140	110	110	120	140
Strontium [Sr]	20	14	8	8	7	8
Cobalt [Co]	19	10	9	8	8	8
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	2	< 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	10	< 5	< 5	< 5	< 5
Yttrium [Y]	3	2	2	3	5	2
Scandium [Sc]	3	2	2	3	6	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	80	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	110	40	70	70	80	60
Arsenic [As]	< 5	20	< 5	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	< 5	5	5	< 5
Holmium [Ho]	20	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

SIGNED :

*Bernie Duan*

T S L LABORATORIES

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

87K 6A4

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

GREGQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8867 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13923

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1859

ALL RESULTS PPM

16+00E-3+50N    16+00E-4+00N    16+00E-4+50N    16+00E-5+50N    16+00E-6+00N    16+00E-6+50N

ELEMENT

ELEMENT	16+00E-3+50N	16+00E-4+00N	16+00E-4+50N	16+00E-5+50N	16+00E-6+00N	16+00E-6+50N
Aluminum [Al]	14000	16000	10000	12000	17000	35000
Iron [Fe]	45000	39000	38000	46000	27000	37000
Calcium [Ca]	1900	1600	1200	920	920	1100
Magnesium [Mg]	3500	3600	1600	2100	1300	2200
Sodium [Na]	150	100	70	80	80	90
Potassium [K]	270	310	160	190	150	180
Titanium [Ti]	4500	3200	3700	3900	1900	1900
Manganese [Mn]	190	310	120	150	77	140
Phosphorus [P]	440	480	310	450	270	1100
Barium [Ba]	56	77	54	38	54	44
Chromium [Cr]	29	30	24	26	16	24
Zirconium [Zr]	8	4	3	4	2	5
Copper [Cu]	24	43	17	23	37	94
Nickel [Ni]	17	18	10	11	7	11
Lead [Pb]	29	10	11	9	8	2
Zinc [Zn]	46	39	20	26	24	30
Vanadium [V]	130	120	180	180	110	110
Strontium [Sr]	10	10	8	6	5	6
Cobalt [Co]	13	14	8	8	5	6
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	4	2	2	3	4
Scandium [Sc]	2	3	2	2	1	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	100	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	70	50	60	< 10	40
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	10	< 5	5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	< 5	< 5	10
Holmium [Ho]	20	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

SIGNED :

*Bernie Dewonck*

T S L LABORATORIES

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

87K 6A4

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

OREQUEST CONSULTANTS LTD.  
 306 - 395 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : 8 - 8867 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13923

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1859

ALL RESULTS PPM

ELEMENT	16+00E-7+00N	16+00E-7+50N	16+00E-8+00N	16+00E-8+50N	16+00E-9+00N	6+00E-10+00N
Aluminum [Al]	8600	18000	5900	18000	16000	11000
Iron [Fe]	34000	61000	32000	44000	39000	32000
Calcium [Ca]	1000	940	1100	1400	1800	1800
Magnesium [Mg]	1300	2200	950	2000	2300	2500
Sodium [Na]	90	90	100	90	100	120
Potassium [K]	180	220	120	190	320	240
Titanium [Ti]	2000	3300	2800	2600	1900	2400
Manganese [Mn]	92	130	63	100	270	120
Phosphorus [P]	470	700	200	440	390	710
Barium [Ba]	25	30	15	27	49	23
Chromium [Cr]	24	32	22	31	41	47
Zirconium [Zr]	2	9	2	7	3	3
Copper [Cu]	18	50	7	40	42	25
Nickel [Ni]	10	11	9	13	23	22
Lead [Pb]	7	10	6	8	8	7
Zinc [Zn]	15	20	10	22	37	18
Vanadium [V]	140	200	200	160	110	120
Strontium [Sr]	6	6	5	6	8	8
Cobalt [Co]	5	7	6	6	13	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	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	2	3	2	2	2	2
Scandium [Sc]	1	3	1	2	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	60	< 10	50	50	50
Arsenic [As]	< 5	15	< 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 : JUN-13-1990

SIGNED :

*Bernie Aunn*

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

DREXEL CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8868 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13924

ATTN: B. Dawonck, J. Chapman

Project: AVONDALE

P.O. R-1847

ALL RESULTS PPM

ELEMENT	6+00E-0+00	6+00E-0+50S	6+00E-1+00S	6+00E-1+50S	6+00E-2+00S	6+00E-2+50S	6+00E-3+00S
Aluminum [Al]	10000	29000	40000	35000	36000	16000	9000
Iron [Fe]	37000	38000	40000	40000	43000	38000	29000
Calcium [Ca]	2600	1700	1800	2000	1300	2000	1500
Magnesium [Mg]	2200	3700	4700	4600	4500	3800	2100
Sodium [Na]	80	120	110	110	90	120	120
Potassium [K]	290	340	530	500	390	360	230
Titanium [Ti]	2400	2000	2400	2200	2800	3500	2800
Manganese [Mn]	280	270	410	340	300	310	300
Phosphorus [P]	420	670	730	500	840	590	270
Barium [Ba]	100	92	180	120	100	120	75
Chromium [Cr]	28	33	43	39	46	35	27
Zirconium [Zr]	3	5	7	6	6	4	3
Copper [Cu]	20	77	110	89	80	27	10
Nickel [Ni]	13	23	41	35	32	21	11
Lead [Pb]	9	3	3	5	2	8	7
Zinc [Zn]	33	47	63	60	53	42	31
Vanadium [V]	160	140	130	140	130	150	120
Strontium [Sr]	15	10	15	15	12	14	10
Cobalt [Co]	7	10	15	13	13	11	10
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]	2	4	5	3	4	2	2
Scandium [Sc]	1	4	5	4	4	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	70	90	80	80	70	60
Arsenic [As]	5	< 5	< 5	10	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	15	10	10	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

DREGUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : 6 - 8866 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13924

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1847

ALL RESULTS PPM

ELEMENT	6+00E-3+505	6+00E-4+005	6+00E-4+505	6+00E-5+005	6+00E-5+505	6+00E-6+005	6+00E-6+505
Aluminum [Al]	29000	19000	22000	16000	25000	20000	30000
Iron [Fe]	42000	35000	33000	38000	41000	41000	42000
Calcium [Ca]	1800	1900	3600	2400	1800	1800	1700
Magnesium [Mg]	4600	3700	4200	3800	5000	3200	4900
Sodium [Na]	130	110	110	100	120	100	120
Potassium [K]	460	370	430	390	430	310	470
Titanium [Ti]	3300	2600	2100	3000	2700	2500	2100
Manganese [Mn]	400	350	1400	630	420	470	620
Phosphorus [P]	630	560	440	370	290	370	520
Barium [Ba]	170	110	200	120	100	140	170
Chromium [Cr]	47	34	38	40	45	42	43
Zirconium [Zr]	8	5	3	4	5	5	6
Copper [Cu]	57	21	65	33	63	37	80
Nickel [Ni]	37	22	31	24	34	23	32
Lead [Pb]	4	5	5	6	4	6	3
Zinc [Zn]	72	76	71	49	50	48	65
Vanadium [V]	140	97	100	130	130	140	120
Strontium [Sr]	11	13	25	18	12	14	13
Cobalt [Co]	15	12	23	17	15	14	17
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	3	10	3	8	3	10
Scandium [Sc]	4	3	2	2	4	3	5
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	80	60	80	70	90	60	90
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	15	10	10	15	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

OREQUEST CONSULTANTS LTD.  
306 - 595 HOWE STREET  
VANCOUVER, B. C.  
V6C 2T5

T.S.L. REPORT No. : S - 8868 - 3  
T.S.L. File No. :  
T.S.L. Invoice No. : 13924

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R -1847

ALL RESULTS PPM

ELEMENT	6+00E-7+00S	6+00E-7+50S	6+00E-8+00S	6+00E-8+50S	6+00E-9+00S	8+00E-0+00	8+00E-0+50E
Aluminum [Al]	24000	43000	30000	34000	25000	21000	22000
Iron [Fe]	34000	38000	32000	36000	32000	33000	33000
Calcium [Ca]	1800	1600	2000	2600	1800	3400	3300
Magnesium [Mg]	4400	5000	4700	5700	4200	3300	4100
Sodium [Na]	110	140	120	150	110	130	110
Potassium [K]	380	500	590	1200	350	410	610
Titanium [Ti]	1400	2200	1800	2200	2000	1400	2200
Manganese [Mn]	370	510	310	560	330	1600	750
Phosphorus [P]	370	840	1100	980	890	510	320
Barium [Ba]	130	130	110	290	120	180	160
Chromium [Cr]	42	57	44	53	43	38	53
Zirconium [Zr]	4	8	4	6	5	2	3
Copper [Cu]	57	95	82	110	36	52	45
Nickel [Ni]	28	50	35	52	29	25	26
Lead [Pb]	4	< 1	2	< 1	5	8	6
Zinc [Zn]	49	89	59	72	63	55	56
Vanadium [V]	110	110	98	110	90	93	100
Strontium [Sr]	14	12	15	25	13	24	22
Cobalt [Co]	10	23	12	19	12	22	17
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]	3	5	3	7	3	16	7
Scandium [Sc]	3	6	4	5	3	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	90	70	100	80	60	80
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	20	10	15	15	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

DREXEL CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8868 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13924

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1847

ALL RESULTS PPM

ELEMENT	8+00E-1+00S	8+00E-1+50S	8+00E-2+00S	8+00E-2+50S	8+00E-3+00S	8+00E-3+50S	8+00E-4+00S
Aluminum [Al]	22000	9800	19000	20000	17000	22000	18000
Iron [Fe]	31000	30000	35000	33000	32000	34000	34000
Calcium [Ca]	6800	3600	3300	3000	2200	3200	1800
Magnesium [Mg]	4900	2100	4500	4500	3200	3900	2600
Sodium [Na]	220	80	150	120	90	90	120
Potassium [K]	1500	350	440	490	380	490	360
Titanium [Ti]	1700	2900	3300	2500	2300	1700	2900
Manganese [Mn]	880	180	320	580	620	1400	710
Phosphorus [P]	1100	280	290	370	390	450	310
Barium [Ba]	250	120	170	160	170	220	200
Chromium [Cr]	54	29	42	36	35	34	35
Zirconium [Zr]	3	2	4	3	3	2	4
Copper [Cu]	80	21	51	78	91	100	65
Nickel [Ni]	44	16	31	31	27	31	24
Lead [Pb]	9	11	7	5	8	4	8
Zinc [Zn]	67	27	44	54	47	71	47
Vanadium [V]	79	140	130	92	91	93	110
Strontium [Sr]	48	23	23	26	17	27	13
Cobalt [Co]	17	7	12	19	14	21	14
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	3	11	10	12	15	6
Scandium [Sc]	3	1	3	2	2	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	90	60	70	70	60	70	60
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	10	10	< 5	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : 9 - 8868 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13924

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1647

ALL RESULTS PPM

ELEMENT	8+00E-4+50S	8+00E-5+00S	8+00E-5+50S	8+00E-6+00S	8+00E-6+50S
Aluminum [Al]	9800	26000	26000	30000	14000
Iron [Fe]	32000	37000	33000	41000	39000
Calcium [Ca]	4600	1800	2000	2000	2800
Magnesium [Mg]	2900	3900	4100	5000	3100
Sodium [Na]	120	90	110	140	110
Potassium [K]	280	460	420	460	350
Titanium [Ti]	4000	2400	2300	2900	4000
Manganese [Mn]	280	700	520	430	270
Phosphorus [P]	280	620	420	360	380
Barium [Ba]	230	160	140	170	150
Chromium [Cr]	34	36	47	50	34
Zirconium [Zr]	3	4	3	4	5
Copper [Cu]	21	63	53	70	26
Nickel [Ni]	19	28	33	40	19
Lead [Pb]	10	6	4	4	9
Zinc [Zn]	36	58	50	61	42
Vanadium [V]	140	110	100	120	170
Strontium [Sr]	37	14	15	13	21
Cobalt [Co]	11	19	19	18	11
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]	3	5	7	7	3
Scandium [Sc]	2	3	3	4	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	80	70	90	50
Arsenic [As]	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	10	15	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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 - 8879 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13951

ATTN: C. IODISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1883 ALL RESULTS PPM

ELEMENT	L10+00E 0+00	L10+00E 0+50S	L10+00E 1+00E	L10+00E 2+00S	L10+00E 2+50S	L10+00E 3+00S
Aluminum (Al)	24000	16000	23000	19000	24000	27000
Iron (Fe)	26000	32000	37000	41000	40000	37000
Calcium (Ca)	6500	4800	2600	2400	4100	3600
Magnesium (Mg)	3800	3300	4300	3800	4100	4300
Sodium (Na)	140	170	150	150	170	160
Potassium (K)	520	520	550	530	470	470
Titanium (Ti)	1600	1900	3000	3100	2400	2600
Manganese (Mn)	1400	600	470	310	850	800
Phosphorus (P)	610	530	410	400	420	510
Barium (Ba)	310	250	150	110	180	190
Chromium (Cr)	45	38	45	59	53	48
Zirconium (Zr)	1	< 1	3	3	3	3
Copper (Cu)	49	26	54	36	79	98
Nickel (Ni)	23	20	30	31	36	31
Lead (Pb)	11	14	10	12	10	10
Zinc (Zn)	92	56	59	48	74	63
Vanadium (V)	70	110	110	130	100	110
Strontium (Sr)	49	41	26	17	29	24
Cobalt (Co)	18	20	9	5	18	14
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)	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium (Y)	12	6	6	3	5	11
Scandium (Sc)	3	2	4	3	3	3
Tungsten (W)	< 10	< 10	< 10	< 10	< 10	< 10
Niobium (Nb)	< 10	< 10	< 10	< 10	< 10	< 10
Thorium (Th)	60	50	70	60	60	70
Arsenic (As)	15	15	15	15	30	15
Bismuth (Bi)	< 5	< 5	< 5	< 5	< 5	< 5
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10
Lithium (Li)	25	10	10	10	10	15
Holmium (Ho)	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

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 SCAA

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 - 8879 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13951

ATTN: D. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. R-1883

ALL RESULTS PPM

ELEMENT	L10+00E 3+50S	L10+00E 4+00S	L10+00E 4+50S	L10+00E 5+00S	L10+00E 5+50S	L10+00E 6+00S
Aluminum [Al]	26000	19000	25000	24000	24000	27000
Iron [Fe]	44000	35000	46000	42000	41000	34000
Calcium [Ca]	2100	2600	2400	2400	2600	2400
Magnesium [Mg]	4500	3300	4300	4000	4000	4200
Sodium [Na]	150	130	130	150	150	150
Potassium [K]	550	510	490	380	340	380
Titanium [Ti]	3400	3100	3800	3800	3600	2900
Manganese [Mn]	530	480	350	310	270	480
Phosphorus [P]	390	400	430	300	280	380
Barium [Ba]	140	150	170	120	180	150
Chromium [Cr]	43	39	72	47	50	45
Zirconium [Zr]	4	2	5	5	3	3
Copper [Cu]	74	83	38	55	33	65
Nickel [Ni]	31	24	39	29	28	31
Lead [Pb]	8	10	10	9	11	9
Zinc [Zn]	61	45	59	54	46	57
Vanadium [V]	120	110	130	120	160	100
Strontium [Sr]	14	21	17	17	24	19
Cobalt [Co]	15	8	7	8	7	11
Molybdenum [Mo]	2	2	4	4	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]	11	7	4	6	6	13
Scandium [Sc]	4	3	3	3	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	50	70	60	70	70
Arsenic [As]	15	15	25	10	25	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	< 5	15	10	15	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

SIGNED :

*Bernie Dunn*

T S L LABORATORIES

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

87K 6A4

I.C.A.P. PLASMA SCAN

Acqua-Regia Digestion

PRIME EXPLORATION LTD.  
10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
VANCOUVER, B.C.

T.S.L. REPORT No. : S - 8879 - 3

T.S.L. File No. :

T.S.L. Invoice No. : 13951

V6C 2X6

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. R-1883

ALL RESULTS PPM

ELEMENT	L10+00E 6+50S	L10+00E 7+00S	L10+00E 7+50S	L10+00E 8+00S	L10+00E 8+50S	L10+00E 9+00S
Aluminum [Al]	25000	27000	29000	29000	23000	22000
Iron [Fe]	40000	37000	41000	40000	41000	40000
Calcium [Ca]	3200	2500	3600	2800	2800	3500
Magnesium [Mg]	4400	4100	5100	4600	4200	4200
Sodium [Na]	190	210	170	170	140	130
Potassium [K]	500	440	490	570	480	390
Titanium [Ti]	5200	2300	2400	2500	2300	2600
Manganese [Mn]	1100	1600	1400	670	610	370
Phosphorus [P]	310	390	440	560	370	330
Barium [Ba]	170	160	200	190	200	180
Chromium [Cr]	59	50	74	62	64	59
Zirconium [Zr]	4	2	2	3	3	3
Copper [Cu]	50	98	59	73	47	46
Nickel [Ni]	35	35	50	38	36	32
Lead [Pb]	9	10	9	9	9	12
Zinc [Zn]	96	80	110	88	86	63
Vanadium [V]	130	120	120	110	130	130
Strontium [Sr]	22	19	24	20	18	20
Cobalt [Co]	21	40	21	19	15	10
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]	< 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	13	10	14	6	7
Scandium [Sc]	4	3	4	4	3	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	60	80	80	70	70
Arsenic [As]	25	15	20	20	20	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	20	15	20	15	15	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

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. 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 - 8879 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13951

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. R- 8183

ALL RESULTS PPM

ELEMENT	L12+00E 0+00	L12+00E 0+50E	L12+00E 1+00E	L12+00E 1+50E	L12+00E 2+00E	L12+00E 2+50E
Aluminum [Al]	32000	19000	33000	33000	29000	26000
Iron [Fe]	51000	48000	35000	40000	35000	42000
Calcium [Ca]	1100	1800	2100	2000	2500	2800
Magnesium [Mg]	4200	3500	5100	4600	3700	4200
Sodium [Na]	80	110	110	140	150	150
Potassium [K]	360	360	770	540	490	590
Titanium [Ti]	3500	3800	2300	2300	2200	3200
Manganese [Mn]	320	370	420	520	450	410
Phosphorus [P]	570	600	630	800	490	350
Barium [Ba]	120	97	130	130	170	220
Chromium [Cr]	46	42	57	46	38	41
Zirconium [Zr]	6	4	3	3	2	3
Copper [Cu]	42	20	76	62	130	51
Nickel [Ni]	28	22	42	32	31	31
Lead [Pb]	12	12	6	9	10	12
Zinc [Zn]	62	58	64	84	73	62
Vanadium [V]	100	140	88	100	90	130
Strontium [Sr]	13	20	16	15	22	20
Cobalt [Co]	6	5	10	13	20	12
Molybdenum [Mo]	4	4	< 2	2	< 2	2
Silver [Ag]	< 1	< 1	5	< 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	2	5	6	11	6
Scandium [Sc]	3	2	4	4	3	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	60	80	70	60	70
Arsenic [As]	25	25	20	25	20	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	15	10	15	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

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 10-208 WEST HASTINGS ST,  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : S - 8879 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13951

ATTN: C. IDZISZEK, J. FOSTER PROJECT: AVONDALE P.O. R- 1883 ALL RESULTS PPM

ELEMENT	L12+00E 3+00S	L12+00E 3+50S	L12+00E 4+00S	L12+00E 4+50S	L12+00E 5+50S	L12+00E 6+00S
Aluminum [Al]	24000	37000	25000	32000	25000	21000
Iron [Fe]	42000	39000	41000	37000	41000	38000
Calcium [Ca]	3000	2200	1500	2600	3100	2600
Magnesium [Mg]	4500	4300	3400	4800	4900	4700
Sodium [Na]	170	150	120	160	180	150
Potassium [K]	480	560	390	610	630	640
Titanium [Ti]	2900	2100	2600	2300	2700	2700
Manganese [Mn]	320	380	450	590	520	870
Phosphorus [P]	340	780	530	510	630	670
Barium [Ba]	200	120	120	190	160	200
Chromium [Cr]	50	44	31	47	50	52
Zirconium [Zr]	4	4	3	2	3	3
Copper [Cu]	60	95	53	93	77	39
Nickel [Ni]	33	30	21	38	38	38
Lead [Pb]	7	6	8	7	5	14
Zinc [Zn]	58	64	72	75	61	86
Vanadium [V]	130	100	100	110	110	100
Strontium [Sr]	20	13	10	19	19	20
Cobalt [Co]	9	10	11	18	11	14
Molybdenum [Mo]	4	2	4	< 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]	4	5	5	12	5	5
Scandium [Sc]	4	4	3	4	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	70	50	80	80	80
Arsenic [As]	20	35	10	15	15	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	15	10	15	15	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

SIGNED :

*Bernie Oum*

T S L LABORATORIES

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

I.C.A.F. 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 - 8879 - 6  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13951

ATTN: C. IDZISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1883 ALL RESULTS PPM

ELEMENT	L12+00E 6+50S	L12+00E 7+00S	L12+00E 7+50S	L12+00E 8+00S	L12+00E 8+50S	L12+00E 9+00S
Aluminum [Al]	25000	30000	23000	21000	25000	30000
Iron [Fe]	35000	39000	40000	39000	42000	38000
Calcium [Ca]	1400	2200	3100	2200	2400	2300
Magnesium [Mg]	3700	3900	4000	3000	4000	4400
Sodium [Na]	100	150	150	120	160	140
Potassium [K]	380	410	490	460	450	470
Titanium [Ti]	2500	2900	2700	2900	2900	2100
Manganese [Mn]	760	730	490	550	620	520
Phosphorus [P]	610	380	510	390	480	740
Barium [Ba]	100	140	180	170	140	140
Chromium [Cr]	37	41	44	41	46	53
Zirconium [Zr]	2	4	3	2	3	3
Copper [Cu]	50	34	43	36	59	63
Nickel [Ni]	24	27	29	22	31	33
Lead [Pb]	7	9	8	13	11	8
Zinc [Zn]	58	96	80	78	76	83
Vanadium [V]	100	110	120	120	110	110
Strontium [Sr]	10	15	18	15	17	14
Cobalt [Co]	10	13	11	15	15	9
Molybdenum [Mo]	2	2	2	< 2	2	2
Silver [Ag]	.12	< 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	7	7	10	10	7
Scandium [Sc]	2	4	3	3	3	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	70	60	50	60	70
Arsenic [As]	20	25	25	15	15	35
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	15	10	10	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

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

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8880 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13920

ATTN: B. Dawonck, J. Chapman

Project: AVONDALE

P.O. R-1887

ALL RESULTS PPM

L4+00E 0+50N L4+00E 1+00N L4+00E 1+50N L4+00E 2+00N L4+00E 2+50N L4+00E 3+00N L4+00E 3+50N

ELEMENT	L4+00E 0+50N	L4+00E 1+00N	L4+00E 1+50N	L4+00E 2+00N	L4+00E 2+50N	L4+00E 3+00N	L4+00E 3+50N
Aluminum [Al]	23000	23000	24000	20000	20000	35000	13000
Iron [Fe]	41000	33000	43000	40000	33000	24000	38000
Calcium [Ca]	4200	2800	3400	2900	2400	2100	3500
Magnesium [Mg]	4500	3900	4200	3100	2400	2500	2600
Sodium [Na]	180	160	220	170	160	150	180
Potassium [K]	390	350	480	470	330	320	550
Titanium [Ti]	3300	3200	2700	2900	2500	1500	2600
Manganese [Mn]	1200	610	390	370	550	1000	390
Phosphorus [P]	440	390	500	520	360	910	640
Barium [Ba]	260	140	150	130	190	110	110
Chromium [Cr]	51	40	37	35	27	25	33
Zirconium [Zr]	4	3	4	2	2	1	2
Copper [Cu]	91	74	100	52	74	210	39
Nickel [Ni]	40	27	26	22	19	21	16
Lead [Pb]	13	29	11	10	10	9	13
Zinc [Zn]	75	97	61	50	62	65	58
Vanadium [V]	120	110	150	140	110	68	130
Strontium [Sr]	30	22	15	12	14	12	14
Cobalt [Co]	32	22	10	8	10	25	4
Molybdenum [Mo]	< 2	< 2	4	2	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	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	14	11	7	7	9	10	4
Scandium [Sc]	3	3	5	3	2	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	80	60	70	40	40	40	40
Arsenic [As]	20	20	15	15	20	20	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	10	10	5	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

SIGNED :

*Bernie Dunn*



T S L LABORATORIES

2-302-48TH STREET, BASKATOON, BASKATCHEWAN S7K 6A4  
TELEPHONE #: (306) 531 - 1033  
FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

DREQUEST CONSULTANTS LTD.  
306 - 595 HOWE STREET  
VANCOUVER, B.C.  
V6C 2T5

T.S.L. REPORT No. : S - 8880 - 2  
T.S.L. File No. :  
T.S.L. Invoice No. : 13920

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1887

ALL RESULTS PPM

L4+00E 4+00N L4+00E 4+50N L4+00E 5+00N L4+00E 5+50N L4+00E 6+00N L4+00E 6+50N L4+00E 7+00N

ELEMENT

ELEMENT	L4+00E 4+00N	L4+00E 4+50N	L4+00E 5+00N	L4+00E 5+50N	L4+00E 6+00N	L4+00E 6+50N	L4+00E 7+00N
Aluminum [Al]	18000	9000	21000	20000	19000	30000	20000
Iron [Fe]	35000	34000	46000	25000	47000	36000	23000
Calcium [Ca]	4600	1900	2200	6400	2800	1900	2500
Magnesium [Mg]	3400	1400	3000	2500	2800	2700	4700
Sodium [Na]	220	130	180	190	230	180	210
Potassium [K]	820	360	490	330	770	360	570
Titanium [Ti]	1800	2600	2100	680	2900	2000	3000
Manganese [Mn]	1200	190	340	1500	240	150	220
Phosphorus [P]	640	320	1200	720	520	530	290
Barium [Ba]	200	88	69	370	95	63	75
Chromium [Cr]	48	22	34	26	40	41	41
Zirconium [Zr]	2	2	2	< 1	3	4	3
Copper [Cu]	81	23	42	56	60	69	37
Nickel [Ni]	27	11	21	18	19	15	24
Lead [Pb]	10	9	11	8	9	8	7
Zinc [Zn]	86	35	49	52	35	31	37
Vanadium [V]	99	120	120	77	140	100	91
Strontium [Sr]	23	9	8	41	11	8	9
Cobalt [Co]	15	2	4	37	4	3	5
Molybdenum [Mo]	2	4	4	< 2	6	4	< 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	3	4	9	4	4	3
Scandium [Sc]	3	2	3	< 1	3	4	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	20	50	40	50	50	70
Arsenic [As]	15	15	30	15	15	30	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	5	10	5	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

SIGNED :

*Bernie Ouan*

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

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8880 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13920

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1887

ALL RESULTS PPM

L4+00E 8+50N L4+00E 9+00N L4+00E 9+50N 4+00E 10+00N 4+00E 10+50N 4+00E 11+00N L6+00E 0+50N

ELEMENT

Aluminum [Al]	17000	5800	19000	8900	23000	23000	15000
Iron [Fe]	30000	20000	25000	18000	42000	28000	42000
Calcium [Ca]	1100	920	3100	1400	1800	3700	2700
Magnesium [Mg]	1100	910	4200	1600	3700	3900	3000
Sodium [Na]	90	60	160	100	140	150	190
Potassium [K]	210	210	450	210	400	410	610
Titanium [Ti]	1700	1600	1500	1500	2100	1400	3800
Manganese [Mn]	70	68	180	110	150	390	300
Phosphorus [P]	330	160	280	220	220	330	370
Barium [Ba]	34	17	85	30	55	85	140
Chromium [Cr]	31	34	29	24	40	35	28
Zirconium [Zr]	1	< 1	2	< 1	3	1	4
Copper [Cu]	11	8	42	23	31	40	16
Nickel [Ni]	9	12	18	9	17	20	14
Lead [Pb]	8	8	6	7	7	8	12
Zinc [Zn]	21	13	43	24	31	53	49
Vanadium [V]	110	140	75	83	110	81	180
Strontium [Sr]	5	6	12	6	7	12	17
Cobalt [Co]	< 1	< 1	7	2	3	13	4
Molybdenum [Mo]	4	4	< 2	< 2	4	< 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	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	2	1	4	2	3	4	3
Scandium [Sc]	1	1	4	1	4	3	4
Tungsten [W]	< 10	< 10	< 10	10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	20
Thorium [Th]	40	< 10	60	60	70	60	50
Arsenic [As]	10	< 5	10	5	25	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	10	< 5	10	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8880 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13920

ATTN: B. Dawson, J. Chapman

Project: AVONDALE

F.O. R-1887

ALL RESULTS PPM

ELEMENT	L6+00E 1+00N	L6+00E 1+50N	L6+00E 2+00N	L6+00E 2+50N	L6+00E 3+00N	L6+00E 3+50N	L6+00E 4+00N
Aluminum [Al]	28000	13000	14000	23000	22000	23000	23000
Iron [Fe]	36000	43000	51000	58000	56000	48000	51000
Calcium [Ca]	2600	3500	2100	1500	1800	2000	1300
Magnesium [Mg]	3300	2000	2100	4000	2300	3100	2900
Sodium [Na]	150	140	150	150	140	150	110
Potassium [K]	620	470	500	530	370	410	360
Titanium [Ti]	2400	3200	3800	3800	3700	2700	3800
Manganese [Mn]	720	470	340	480	260	210	210
Phosphorus [P]	670	610	990	1000	800	820	830
Barium [Ba]	140	65	100	80	63	62	80
Chromium [Cr]	32	25	36	58	31	37	44
Zirconium [Zr]	2	2	3	5	5	4	4
Copper [Cu]	100	22	32	27	44	37	19
Nickel [Ni]	21	12	15	26	13	16	15
Lead [Pb]	9	10	15	11	9	19	12
Zinc [Zn]	54	30	41	57	32	58	56
Vanadium [V]	110	190	220	160	170	130	170
Strontium [Sr]	13	14	10	10	8	2	7
Cobalt [Co]	19	3	4	6	< 1	3	< 1
Molybdenum [Mo]	< 2	4	4	6	6	4	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	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	9	3	3	3	4	3	3
Scandium [Sc]	3	2	2	4	3	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	30	110	< 10	< 10	< 10
Thorium [Th]	50	30	40	60	40	60	60
Arsenic [As]	20	5	20	20	25	30	20
Bismuth [Bi]	< 5	< 5	< 5	10	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	< 5	10	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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.F. PLASMA SCAN

Aqua-Regia Digestion

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8880 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13920

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1887

ALL RESULTS PPM

ELEMENT	L6+00E 4+50N	L6+00E 5+00N	L6+00E 5+50N	L6+00E 6+00N	L6+00E 6+50N	L6+00E 7+00N	L6+00E 7+50N
Aluminum [Al]	20000	28000	17000	12000	18000	18000	13000
Iron [Fe]	43000	31000	20000	32000	49000	67000	28000
Calcium [Ca]	1500	1500	1700	1100	1700	3200	2200
Magnesium [Mg]	3700	2900	3400	2400	3000	3400	2200
Sodium [Na]	130	110	140	90	110	210	180
Potassium [K]	460	290	320	260	340	730	270
Titanium [Ti]	3800	1700	1400	2200	3200	2800	1800
Manganese [Mn]	240	150	150	150	140	330	160
Phosphorus [P]	760	350	200	300	520	990	330
Barium [Ba]	89	81	120	49	28	61	34
Chromium [Cr]	37	34	27	34	46	100	32
Zirconium [Zr]	4	3	< 1	1	3	6	1
Copper [Cu]	18	37	21	17	15	120	15
Nickel [Ni]	16	18	17	15	15	41	13
Lead [Pb]	15	11	15	10	10	11	9
Zinc [Zn]	46	43	47	31	26	68	33
Vanadium [V]	140	91	60	120	190	84	100
Strontium [Sr]	7	8	9	6	7	20	9
Cobalt [Co]	2	3	4	1	1	10	2
Molybdenum [Mo]	4	4	2	4	6	8	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]	2	2	3	2	2	10	2
Scandium [Sc]	3	3	3	2	3	6	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	40	50	40	50	70	40
Arsenic [As]	25	30	15	15	20	25	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	10	< 5	5	10	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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.F. PLASMA SCAN

Aqua-Regia Digestion

OREQUEST CONSULTANTS LTD.  
306 - 595.HOWE STREET  
VANCOUVER, B.C.  
V6C 2T5

T.S.L. REPORT No. : S - 8880 - 6  
T.S.L. File No. :  
T.S.L. Invoice No. : 13920

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1887

ALL RESULTS PPM

L6+00E 8+00N L6+00E 8+50N L6+00E 9+00N L6+00E 9+50N 6+00E 10+00N 6+00E 10+50N

ELEMENT

ELEMENT	L6+00E 8+00N	L6+00E 8+50N	L6+00E 9+00N	L6+00E 9+50N	6+00E 10+00N	6+00E 10+50N
Aluminum [Al]	31000	19000	56000	14000	18000	11000
Iron [Fe]	26000	46000	21000	27000	41000	17000
Calcium [Ca]	2000	2600	1200	2000	1400	1500
Magnesium [Mg]	4100	3200	2000	2800	2600	1800
Sodium [Na]	160	140	160	120	120	120
Potassium [K]	420	320	190	260	310	270
Titanium [Ti]	1700	3300	1300	3000	3600	2500
Manganese [Mn]	170	180	82	120	120	110
Phosphorus [P]	360	310	440	460	410	210
Barium [Ba]	49	35	26	25	31	30
Chromium [Cr]	47	36	48	33	45	28
Zirconium [Zr]	1	3	5	2	3	< 1
Copper [Cu]	56	14	48	14	20	14
Nickel [Ni]	26	15	12	16	16	11
Lead [Pb]	11	10	7	10	10	10
Zinc [Zn]	42	33	23	30	24	20
Vanadium [V]	78	190	75	120	190	99
Strontium [Sr]	9	12	6	12	6	7
Cobalt [Co]	5	2	2	2	1	< 1
Molybdenum [Mo]	< 2	6	< 2	4	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]	5	2	4	2	3	2
Scandium [Sc]	3	3	3	2	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	60	30	40	50	50
Arsenic [As]	10	20	30	15	15	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	5	10	< 5	5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

SIGNED :

*Bernie Owen*

T.S.L. LABORATORIES

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

I.C.A.F. PLASMA SCAN

Aqua-Regia Digestion

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5  
 ATTN: B. Dewonck, J. Chapman

T.S.L. REPORT No. : S - 8881 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13921

Project: AVONDALE P.O. R-1885

ALL RESULTS PPM

L42+00E 0+50S L42+00E 1+00S L42+00E 1+50S L42+00E 2+00S L42+00E 2+50S L42+00E 3+00S L42+00E 3+50S

ELEMENT

Aluminum [Al]	27000	39000	49000	26000	20000	31000	31000
Iron [Fe]	34000	35000	43000	36000	36000	35000	32000
Calcium [Ca]	1500	2400	1000	1400	1600	1400	1500
Magnesium [Mg]	2800	3500	3000	3200	2800	3600	4300
Sodium [Na]	180	210	110	160	100	140	180
Potassium [K]	580	600	660	680	780	750	810
Titanium [Ti]	1600	2300	2200	2200	2000	2200	2200
Manganese [Mn]	190	190	180	210	220	260	270
Phosphorus [P]	560	710	630	270	660	820	310
Barium [Ba]	96	87	86	86	150	78	100
Chromium [Cr]	50	52	41	61	24	55	39
Zirconium [Zr]	6	9	10	4	3	5	4
Copper [Cu]	41	73	42	30	18	48	59
Nickel [Ni]	21	31	13	27	10	26	24
Lead [Pb]	14	9	10	11	13	10	8
Zinc [Zn]	35	42	38	35	46	57	45
Vanadium [V]	120	110	120	140	120	110	110
Strontium [Sr]	6	11	6	6	9	7	9
Cobalt [Co]	3	4	2	3	2	5	6
Molybdenum [Mo]	2	4	4	4	4	4	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	4	3	3	2	3	3
Scandium [Sc]	5	7	7	5	5	7	7
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	60	50	50	40	50	70
Arsenic [As]	30	25	20	20	20	30	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	15	20	10	10	20	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

DREGUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C  
 V6C 2T5  
 ATTN: B. Dewonck, J. Chapman

T.S.L. REPORT No. : S - 8881 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13921

Project: AVONDALE

P.O. R-1885

ALL RESULTS PPM

L42+00E 4+00S L42+00E 4+50S L42+00E 5+00S L42+00E 5+50S L42+00E 6+00S L42+00E 6+50S L42+00E 7+00S

ELEMENT

ELEMENT	L42+00E 4+00S	L42+00E 4+50S	L42+00E 5+00S	L42+00E 5+50S	L42+00E 6+00S	L42+00E 6+50S	L42+00E 7+00S
Aluminum [Al]	22000	17000	31000	31000	35000	24000	13000
Iron [Fe]	33000	24000	35000	32000	30000	32000	34000
Calcium [Ca]	900	1200	1000	1300	1800	1400	1400
Magnesium [Mg]	3300	2400	2500	4000	4200	3200	1900
Sodium [Na]	100	110	100	150	180	130	100
Potassium [K]	640	420	350	1100	950	740	380
Titanium [Ti]	2000	1700	2000	2100	2000	2300	2800
Manganese [Mn]	180	160	140	270	290	290	130
Phosphorus [P]	470	320	370	390	440	430	440
Barium [Ba]	63	48	52	120	130	68	37
Chromium [Cr]	34	26	30	32	56	62	46
Zirconium [Zr]	4	2	5	4	5	3	2
Copper [Cu]	25	23	42	58	69	27	18
Nickel [Ni]	15	11	11	17	32	26	17
Lead [Pb]	9	9	10	10	6	9	8
Zinc [Zn]	26	30	34	46	46	34	27
Vanadium [V]	110	89	110	100	94	120	140
Strontium [Sr]	4	6	5	7	8	6	8
Cobalt [Co]	3	3	2	5	7	3	2
Molybdenum [Mo]	2	< 2	4	2	2	4	6
Silver [Ag]	< 1	< 1	< 1	1	2	2	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]	2	2	4	4	5	3	2
Scandium [Sc]	5	3	5	8	8	5	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	40	40	60	70	50	40
Arsenic [As]	20	20	30	30	25	20	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	10	15	15	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

OREQUEST CONSULTANTS LTD.  
306 - 595 HOME STREET  
VANCOUVER, B.C.  
V6C 2T5

T.S.L. REPORT No. : S - 8881 - 3  
T.S.L. File No. :  
T.S.L. Invoice No. : 13921

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.G. R-1865

ALL RESULTS PPM

L42+00E 7+50S L42+00E 8+00S L42+00E 8+50S L42+00E 9+00S L42+00E 9+50S 42+00E 10+00S 42+00E 10+50S

ELEMENT

Aluminum [Al]	21000	19000	18000	16000	20000	14000	36000
Iron [Fe]	32000	38000	28000	37000	41000	32000	27000
Calcium [Ca]	1600	1400	780	1500	1700	1500	1200
Magnesium [Mg]	2500	2500	1700	1700	2400	1100	1900
Sodium [Na]	130	110	80	100	130	80	110
Potassium [K]	590	460	390	300	570	370	400
Titanium [Ti]	2000	2600	1500	2600	2400	2400	1800
Manganese [Mn]	310	170	130	120	150	210	2100
Phosphorus [P]	440	390	600	590	960	850	350
Barium [Ba]	61	59	41	36	48	48	51
Chromium [Cr]	47	35	30	46	72	35	34
Zirconium [Zr]	2	3	2	3	4	1	5
Copper [Cu]	27	18	13	15	21	12	73
Nickel [Ni]	19	13	9	14	27	11	14
Lead [Pb]	10	9	9	10	9	11	5
Zinc [Zn]	32	31	28	25	35	24	49
Vanadium [V]	110	130	97	140	130	120	88
Strontium [Sr]	8	8	5	10	10	9	8
Cobalt [Co]	4	2	1	1	3	2	130
Molybdenum [Mo]	4	4	< 2	4	6	4	< 2
Silver [Ag]	2	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	2	2	3	4	5
Scandium [Sc]	4	3	3	3	3	2	6
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	40	30	40	40	30
Arsenic [As]	20	20	20	15	20	15	30
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	10	5	10	5	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

DREQUEST CONSULTANTS LTD.  
 306 - 595 HOME STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 6881 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13921

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1885

ALL RESULTS PPM

42+00E 11+00S 42+00E 11+50S 42+00E 12+00S 42+00E 12+50S 42+00E 13+00S 42+00E 13+50S 42+00E 14+00S

ELEMENT

ELEMENT	42+00E 11+00S	42+00E 11+50S	42+00E 12+00S	42+00E 12+50S	42+00E 13+00S	42+00E 13+50S	42+00E 14+00S
Aluminum [Al]	14000	23000	19000	37000	27000	26000	30000
Iron [Fe]	22000	28000	25000	30000	31000	27000	36000
Calcium [Ca]	1500	1700	2100	1800	1500	1800	980
Magnesium [Mg]	1300	2500	2100	2800	1600	2800	1700
Sodium [Na]	90	140	130	170	140	140	80
Potassium [K]	280	400	420	490	260	500	460
Titanium [Ti]	1300	1900	1700	1900	2000	1600	1900
Manganese [Mn]	170	160	160	180	110	170	120
Phosphorus [P]	390	340	380	710	910	660	1200
Barium [Ba]	28	36	44	40	25	42	41
Chromium [Cr]	48	42	50	52	63	43	38
Zirconium [Zr]	< 1	3	2	6	4	3	5
Copper [Cu]	17	30	26	55	21	43	18
Nickel [Ni]	18	17	15	21	19	17	8
Lead [Pb]	8	5	7	7	8	8	11
Zinc [Zn]	19	25	21	30	16	31	35
Vanadium [V]	85	98	89	98	120	89	110
Strontium [Sr]	8	10	12	10	8	10	6
Cobalt [Co]	4	3	2	4	2	3	< 1
Molybdenum [Mo]	4	4	< 2	2	< 2	10	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	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	2	3	3	3	3	3	3
Scandium [Sc]	2	4	3	6	4	4	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	40	40	40	40	40
Arsenic [As]	15	15	20	30	25	30	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	5	10	5	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8882 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13922

ATTN: B. Dawonck, J. Chapman

Project: AVONDALE

P.O. R-1884

ALL RESULTS PPM

L40+00E 0+00 L40+00E 0+50S L40+00E 1+50S L40+00E 2+00S L40+00E 2+50S L40+00E 3+00S L40+00E 4+00S

ELEMENT	L40+00E 0+00	L40+00E 0+50S	L40+00E 1+50S	L40+00E 2+00S	L40+00E 2+50S	L40+00E 3+00S	L40+00E 4+00S
Aluminum [Al]	6500	20000	30000	23000	13000	14000	46000
Iron [Fe]	24000	43000	30000	32000	24000	25000	26000
Calcium [Ca]	1700	1800	1500	2200	2500	2700	1900
Magnesium [Mg]	1000	3300	2200	2900	2300	3100	3100
Sodium [Na]	100	150	130	180	170	200	220
Potassium [K]	130	370	270	280	240	270	310
Titanium [Ti]	1500	2800	1500	2100	1800	2000	1300
Manganese [Mn]	74	150	95	130	120	140	120
Phosphorus [P]	100	220	360	280	130	130	530
Barium [Ba]	32	44	41	37	32	29	39
Chromium [Cr]	36	55	73	48	43	60	140
Zirconium [Zr]	1	5	4	5	1	1	5
Copper [Cu]	7	26	33	28	16	16	58
Nickel [Ni]	13	22	30	21	20	31	57
Lead [Pb]	8	9	8	8	10	8	8
Zinc [Zn]	15	27	24	25	28	28	30
Vanadium [V]	120	150	97	120	110	170	73
Strontium [Sr]	7	8	6	6	8	7	9
Cobalt [Co]	< 1	4	3	4	5	5	5
Molybdenum [Mo]	2	4	4	4	2	4	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	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	1	2	4	2	2	2	4
Scandium [Sc]	1	4	3	3	2	2	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	60	30	50	40	50	50
Arsenic [As]	10	25	15	20	15	10	30
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	5	5	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8882 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13922

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1884

ALL RESULTS PPM

L40+00E 4+50S L40+00E 5+00S L40+00E 5+50S L40+00E 6+00S L40+00E 6+50S L40+00E 7+00S L40+00E 7+50S

ELEMENT

Aluminum [Al]	37000	37000	29000	20000	26000	12000	44000
Iron [Fe]	30000	30000	33000	24000	37000	21000	23000
Calcium [Ca]	2700	1500	1500	1400	1100	720	1100
Magnesium [Mg]	3300	2100	2800	3000	2900	2500	2700
Sodium [Na]	200	150	120	140	120	130	120
Potassium [K]	320	260	640	650	520	570	640
Titanium [Ti]	1800	1600	1700	1400	1800	2000	1300
Manganese [Mn]	210	110	390	170	170	170	240
Phosphorus [P]	410	290	830	270	1200	210	1300
Barium [Ba]	57	32	91	69	47	39	75
Chromium [Cr]	58	50	41	46	42	58	27
Zirconium [Zr]	5	5	4	2	5	1	3
Copper [Cu]	44	51	35	33	23	13	50
Nickel [Ni]	31	17	19	22	16	25	17
Lead [Pb]	8	10	16	11	11	10	14
Zinc [Zn]	40	23	57	38	39	24	40
Vanadium [V]	92	110	100	85	120	96	61
Strontium [Sr]	10	6	7	6	5	5	8
Cobalt [Co]	11	2	24	5	3	2	11
Molybdenum [Mo]	< 2	2	< 2	< 2	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]	4	3	2	2	2	3	5
Scandium [Sc]	4	4	4	4	5	4	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	50	50	40	50	40	50
Arsenic [As]	20	15	30	15	15	15	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	15	15	15	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

OREQUEST CONSULTANTS LTD.  
 306 - 595 HOWE STREET  
 VANCOUVER, B.C.  
 V6C 2T5

T.S.L. REPORT No. : S - 8882 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13922

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE P.O. R-1884

ALL RESULTS PPM

L40+00E B+00S L40+00E B+50S L40+00E 9+00S L40+00E 9+50S 40+00E 10+00S 40+00E 10+50S 40+00E 11+00S

ELEMENT

Aluminum [Al]	37000	32000	24000	16000	12000	23000	14000
Iron [Fe]	36000	32000	23000	24000	21000	34000	23000
Calcium [Ca]	1000	1000	1400	1500	1600	1100	1200
Magnesium [Mg]	3100	2500	2000	3000	2100	2600	1600
Sodium [Na]	130	110	130	100	90	110	80
Potassium [K]	580	410	390	480	300	470	390
Titanium [Ti]	1900	1700	1600	1700	1300	2200	1500
Manganese [Mn]	180	140	130	180	140	200	120
Phosphorus [P]	520	420	450	230	180	380	180
Barium [Ba]	56	55	51	55	60	52	51
Chromium [Cr]	45	39	30	40	29	33	35
Zirconium [Zr]	6	5	4	2	1	3	< 1
Copper [Cu]	52	31	26	19	15	28	13
Nickel [Ni]	17	14	10	19	15	12	15
Lead [Pb]	9	9	9	8	7	8	8
Zinc [Zn]	31	33	30	29	22	26	24
Vanadium [V]	110	100	77	110	81	120	100
Strontium [Sr]	5	5	6	6	8	6	6
Cobalt [Co]	4	3	2	4	4	3	2
Molybdenum [Mo]	4	4	2	< 2	2	4	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	< 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	2	2	3	3
Scandium [Sc]	6	5	4	4	2	4	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	40	30	40	30	40	40
Arsenic [As]	30	20	15	15	5	20	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	15	10	10	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

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

DREQUEST CONSULTANTS LTD.  
306 - 595 HOWE STREET  
VANCOUVER, B.C.  
V6C 2T5

T.S.L. REPORT No. : S - 8882 - 4  
T.S.L. File No. :  
T.S.L. Invoice No. : 13922

ATTN: B. Dewonck, J. Chapman

Project: AVONDALE

P.O. R-1884

ALL RESULTS PPM

40+00E 11+50S 40+00E 12+00S 40+00E 12+50S 40+00E 13+00S 40+00E 13+50S 40+00E 14+00S

ELEMENT

Aluminum [Al]	9600	12000	30000	24000	7400	18000
Iron [Fe]	25000	29000	37000	36000	18000	33000
Calcium [Ca]	1200	1600	1300	1600	1200	1400
Magnesium [Mg]	1800	2000	2700	2600	990	1700
Sodium [Na]	90	110	110	130	80	100
Potassium [K]	480	390	420	370	220	320
Titanium [Ti]	1800	2000	2000	1700	1200	2100
Manganese [Mn]	120	140	170	170	110	110
Phosphorus [P]	200	220	970	530	180	220
Barium [Ba]	41	43	49	43	38	40
Chromium [Cr]	35	31	39	31	25	43
Zirconium [Zr]	2	2	4	4	< 1	3
Copper [Cu]	6	11	28	39	5	20
Nickel [Ni]	12	11	16	12	9	16
Lead [Pb]	7	9	8	9	10	7
Zinc [Zn]	19	22	41	34	17	16
Vanadium [V]	110	110	110	130	67	140
Strontium [Sr]	6	7	7	8	7	8
Cobalt [Co]	2	2	3	3	2	2
Molybdenum [Mo]	4	4	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	2	2	3	2	4
Scandium [Sc]	2	3	4	5	1	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	40	50	40	< 10	40
Arsenic [As]	10	15	25	25	10	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	10	10	5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-13-1990

SIGNED :

*Bernie Owen*

F B L LABORATORIES

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

87K 6A4

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATIONS LTD.  
 10TH FLOOR BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2K6  
 ATTN: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : S - 8883 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13950

PROJECT: AVONDALE

P.O. R-1886

ALL RESULTS PPM

ELEMENT	L44+00E 0+00	L44+00E 0+50S	L44+00E 1+00S	L44+00E 1+50S	L44+00E 2+00S	L44+00E 2+50S
Aluminum [Al]	35000	17000	24000	21000	18000	12000
Iron [Fe]	35000	32000	33000	31000	31000	18000
Calcium [Ca]	880	1100	1000	1300	860	860
Magnesium [Mg]	3600	3100	2800	3100	2500	1700
Sodium [Na]	110	120	110	130	90	90
Potassium [K]	1200	1000	710	790	760	510
Titanium [Ti]	2100	2400	2300	2000	2000	1300
Manganese [Mn]	290	260	250	280	200	170
Phosphorus [P]	360	360	360	460	690	460
Barium [Ba]	120	69	70	58	47	46
Chromium [Cr]	51	24	20	26	20	21
Zirconium [Zr]	5	3	4	4	3	2
Copper [Cu]	37	13	23	26	14	12
Nickel [Ni]	24	10	8	11	8	9
Lead [Pb]	11	11	8	9	11	12
Zinc [Zn]	47	39	47	43	38	27
Vanadium [V]	97	110	110	100	100	58
Strontium [Sr]	6	7	6	8	5	6
Cobalt [Co]	5	2	3	3	2	1
Molybdenum [Mo]	4	4	4	4	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]	3	3	3	3	2	2
Scandium [Sc]	6	5	5	5	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	50	40	50	50	70
Arsenic [As]	20	25	20	20	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	20	10	15	10	10	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

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 EXPLORATIONS LTD.  
 10TH FLOOR BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : 5 - 8883 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13950

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. R-1886

ALL RESULTS PPM

ELEMENT	L44+00E 3+00S	L44+00E 3+50S	L44+00E 4+00S	L44+00E 4+50S	L44+00E 5+00S	L44+00E 5+50S
Aluminum [Al]	29000	22000	18000	32000	22000	31000
Iron [Fe]	34000	31000	30000	27000	27000	29000
Calcium [Ca]	1000	880	980	1300	1300	1400
Magnesium [Mg]	2500	2900	3100	4900	2700	2500
Sodium [Na]	90	100	90	100	100	110
Potassium [K]	750	670	870	3000	550	490
Titanium [Ti]	1800	1100	1800	2100	1800	1800
Manganese [Mn]	190	230	200	430	660	220
Phosphorus [P]	810	460	540	420	590	460
Barium [Ba]	46	42	52	220	66	56
Chromium [Cr]	29	25	32	57	37	43
Zirconium [Zr]	4	3	3	5	2	3
Copper [Cu]	22	26	22	71	27	28
Nickel [Ni]	10	10	13	35	17	20
Lead [Pb]	9	7	8	8	8	9
Zinc [Zn]	41	35	34	57	36	34
Vanadium [V]	98	97	100	81	79	88
Strontium [Sr]	5	6	5	7	8	8
Cobalt [Co]	1	4	3	11	6	3
Molybdenum [Mo]	4	4	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]	3	3	2	6	4	3
Scandium [Sc]	5	5	5	8	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	50	50	80	40	40
Arsenic [As]	10	10	10	20	30	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	10	15	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

SIGNED :

*Bernie Owen*

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 EXPLORATIONS LTD.  
10TH FLOOR BOX 10-B08 WEST HASTINGS ST.  
VANCOUVER, B.C.

T.S.L. REPORT No. : S - 8883 - 3

T.S.L. File No. :

T.S.L. Invoice No. : 13950

V&C 2X6

ATTN: D. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. R-1886

ALL RESULTS PPM

ELEMENT	L44+00E 6+00S	L44+00E 6+50S	L44+00E 7+00S	L44+00E 7+50S	L44+00E 8+00S	L44+00E 8+50S
Aluminum [Al]	33000	37000	10000	19000	19000	14000
Iron [Fe]	35000	34000	27000	30000	29000	36000
Calcium [Ca]	1400	940	1800	1500	1600	1800
Magnesium [Mg]	2000	2500	1700	2500	3000	2100
Sodium [Na]	130	70	110	120	120	110
Potassium [K]	370	590	440	460	840	630
Titanium [Ti]	1700	1900	1700	1900	1900	2900
Manganese [Mn]	280	170	130	170	320	170
Phosphorus [P]	1400	730	400	510	370	440
Barium [Ba]	31	52	34	44	64	61
Chromium [Cr]	44	58	38	32	35	34
Zirconium [Zr]	3	6	1	3	4	2
Copper [Cu]	30	23	10	22	30	16
Nickel [Ni]	13	22	15	12	16	13
Lead [Pb]	8	8	8	7	7	7
Zinc [Zn]	28	42	19	27	31	20
Vanadium [V]	100	95	99	110	110	130
Strontium [Sr]	8	6	9	8	8	11
Cobalt [Co]	2	2	2	3	5	3
Molybdenum [Mo]	4	4	4	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]	2	3	2	3	3	3
Scandium [Sc]	3	5	2	4	5	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	40	20	40	40	40
Arsenic [As]	25	20	15	10	10	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	15	5	10	5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

SIGNED :

*Bernie Dunn*



T S L LABORATORIES

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

57K 6A4

I.C.A.F. 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. : 9 - 8863 - 4  
T.S.L. File No. :  
T.S.L. Invoice No. : 13950

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. R-1886

ALL RESULTS PPM

ELEMENT	L44+00E 9+00S	L44+00E 9+50S	44+00E 10+00S	44+00E 10+50S	44+00E 11+00S	44+00E 11+50S
Aluminum [Al]	18000	35000	15000	21000	27000	17000
Iron [Fe]	27000	26000	27000	26000	31000	31000
Calcium [Ca]	1100	2000	1400	2100	2400	2200
Magnesium [Mg]	2200	3400	1400	2500	3700	2500
Sodium [Na]	100	110	90	140	180	140
Potassium [K]	780	970	220	520	840	410
Titanium [Ti]	1900	1600	1200	1600	1800	1900
Manganese [Mn]	150	220	130	260	300	190
Phosphorus [P]	220	480	250	450	450	480
Barium [Ba]	66	96	28	56	95	58
Chromium [Cr]	22	64	58	55	53	37
Zirconium [Zr]	2	3	1	2	3	2
Copper [Cu]	19	35	13	29	49	20
Nickel [Ni]	6	28	21	25	27	16
Lead [Pb]	7	6	7	8	7	7
Zinc [Zn]	25	36	16	38	38	22
Vanadium [V]	110	83	89	74	94	98
Strontium [Sr]	7	13	9	13	13	13
Cobalt [Co]	3	5	2	8	6	5
Molybdenum [Mo]	4	4	4	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]	3	5	2	6	5	5
Scandium [Sc]	4	5	2	3	5	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	50	30	40	60	30
Arsenic [As]	15	25	10	15	20	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	5	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

SIGNED :

*Bernie Dunn*

T E L LABORATORIES

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

I.C.A.F. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2K6

T.S.L. REPORT No. : S - 8883 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13950

BY: C. IDZISZEK, J. POSTER

PROJECT: AVONDALE

P.O. R-1886

ALL RESULTS PPM

ELEMENT	44+00E 12+00S	44+00E 12+50S	44+00E 13+00S	44+00E 13+50S	44+00E 14+00S
Aluminum [Al]	38000	34000	22000	29000	31000
Iron [Fe]	27000	23000	27000	32000	28000
Calcium [Ca]	1700	1000	1700	1800	2000
Magnesium [Mg]	2700	1800	2400	2800	3300
Sodium [Na]	130	90	140	140	170
Potassium [K]	360	250	350	420	550
Titanium [Ti]	1600	1200	1900	2000	1900
Manganese [Mn]	200	200	130	180	200
Phosphorus [P]	330	500	380	520	290
Barium [Ba]	43	39	32	52	61
Chromium [Cr]	35	34	55	47	53
Zirconium [Zr]	5	3	3	4	4
Copper [Cu]	29	50	27	25	38
Nickel [Ni]	15	14	22	20	26
Lead [Pb]	8	9	7	7	6
Zinc [Zn]	26	23	18	25	26
Vanadium [V]	70	66	92	100	80
Strontium [Sr]	10	7	10	11	11
Cobalt [Co]	4	14	3	4	3
Molybdenum [Mo]	4	2	4	4	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	< 1	< 1
Baron [B]	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	3	5	2	3	3
Scandium [Sc]	4	3	3	3	5
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	40	40	50	60
Arsenic [As]	15	15	20	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	5	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : JUN-14-1990

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 - 8913 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13997

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L34+00E 0+00	L34+00E 0+50S	L34+00E 1+00S	L34+00E 1+50S	L34+00E 2+00S	L34+00E 2+50S
Aluminum [Al]	38000	35000	14000	18000	19000	23000
Iron [Fe]	34000	43000	43000	46000	32000	26000
Calcium [Ca]	1200	1600	1600	1400	1500	1800
Magnesium [Mg]	2200	2600	2100	2500	1900	3300
Sodium [Na]	110	100	110	110	100	140
Potassium [K]	180	190	210	310	210	210
Titanium [Ti]	1700	2800	3700	3700	2100	1900
Manganese [Mn]	93	140	83	97	84	140
Phosphorus [P]	470	320	580	430	410	470
Barium [Ba]	32	40	37	38	33	36
Chromium [Cr]	44	46	40	37	33	40
Zirconium [Zr]	7	27	3	5	3	2
Copper [Cu]	29	28	10	8	21	35
Nickel [Ni]	13	13	12	10	12	23
Lead [Pb]	< 1	8	5	5	3	2
Zinc [Zn]	23	35	14	16	20	35
Vanadium [V]	110	140	190	210	140	93
Strontium [Sr]	5	7	7	6	6	7
Cobalt [Co]	3	8	3	2	3	6
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]	3	3	2	2	2	2
Scandium [Sc]	2	4	2	3	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	30	40	30	50
Arsenic [As]	< 5	< 5	10	5	10	< 5
Bismuth [Bi]	5	< 5	10	10	5	5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	< 5	< 5	5	10
Holmium [Ho]	40	50	80	80	40	40

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8913 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13997

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L34+00E 3+00S	L34+00E 3+50S	L34+00E 4+00S	L34+00E 4+50S	L34+00E 5+00S	L34+00E 5+50S
Aluminum [Al]	35000	33000	21000	53000	18000	20000
Iron [Fe]	32000	30000	23000	27000	31000	40000
Calcium [Ca]	1400	1700	2900	840	2100	1300
Magnesium [Mg]	2700	2400	3500	1800	3300	2200
Sodium [Na]	130	130	150	90	120	120
Potassium [K]	200	150	270	190	540	190
Titanium [Ti]	2100	1500	1600	1400	3300	2000
Manganese [Mn]	110	97	160	77	130	88
Phosphorus [P]	500	310	180	470	240	270
Barium [Ba]	33	40	76	30	100	30
Chromium [Cr]	56	73	64	56	46	54
Zirconium [Zr]	7	5	2	7	3	4
Copper [Cu]	41	48	33	49	16	26
Nickel [Ni]	20	31	36	18	23	20
Lead [Pb]	< 1	2	4	< 1	5	6
Zinc [Zn]	23	28	39	23	26	24
Vanadium [V]	110	130	95	75	190	150
Strontium [Sr]	7	7	12	4	8	5
Cobalt [Co]	4	4	8	2	4	3
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	3	3	5	2	2
Scandium [Sc]	3	3	2	3	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	20	40	< 10	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]	10	5	10	5	10	5
Holmium [Ho]	40	40	40	30	70	50

DATE : JUN-21-1990

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 - 8913 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13997

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L34+00E 6+00S	L34+00E 6+50S	L34+00E 7+00S	L34+00E 8+00S	L34+00E 8+50S	L34+00E 9+00S
Aluminum [Al]	22000	14000	27000	28000	28000	19000
Iron [Fe]	43000	25000	34000	26000	28000	23000
Calcium [Ca]	1900	3000	1900	1500	1600	1300
Magnesium [Mg]	2800	3200	2600	3200	3700	2000
Sodium [Na]	160	240	120	120	120	90
Potassium [K]	230	280	240	280	420	260
Titanium [Ti]	2900	1600	2300	1600	1800	1600
Manganese [Mn]	120	150	120	160	200	130
Phosphorus [P]	240	190	320	280	300	420
Barium [Ba]	51	65	49	89	190	66
Chromium [Cr]	69	110	32	38	36	23
Zirconium [Zr]	5	2	4	4	4	2
Copper [Cu]	33	26	31	51	40	34
Nickel [Ni]	26	52	13	22	29	12
Lead [Pb]	5	3	2	< 1	< 1	3
Zinc [Zn]	22	35	28	30	44	30
Vanadium [V]	180	98	120	95	110	75
Strontium [Sr]	9	13	9	8	14	8
Cobalt [Co]	5	9	5	6	8	6
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	2	3	3	4	4
Scandium [Sc]	3	2	3	4	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	20	40	40	50	50
Arsenic [As]	10	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	10	10	5	5
Holmium [Ho]	60	40	50	30	40	30

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : 5 - 8913 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13997

PROJECT: AVONDALE

ALL RESULTS PPM

L34+00E 9+50S L34+00E 10+00S L34+00E 10+50S L34+00E 11+00S L34+00E 11+50S L34+00E 12+00S

ELEMENT

ELEMENT	L34+00E 9+50S	L34+00E 10+00S	L34+00E 10+50S	L34+00E 11+00S	L34+00E 11+50S	L34+00E 12+00S
Aluminum [Al]	22000	20000	24000	21000	21000	18000
Iron [Fe]	31000	32000	25000	33000	29000	23000
Calcium [Ca]	1700	1800	1400	1500	1300	2300
Magnesium [Mg]	3300	3300	2800	3100	1600	2600
Sodium [Na]	110	110	110	110	100	110
Potassium [K]	310	320	340	280	180	280
Titanium [Ti]	2200	2100	1600	2300	1400	1500
Manganese [Mn]	180	190	390	340	90	320
Phosphorus [P]	290	340	750	540	500	370
Barium [Ba]	67	100	75	64	36	92
Chromium [Cr]	28	37	24	28	42	35
Zirconium [Zr]	3	3	2	3	3	2
Copper [Cu]	36	39	50	35	28	25
Nickel [Ni]	17	20	16	17	16	20
Lead [Pb]	2	3	< 1	4	3	5
Zinc [Zn]	30	36	37	32	23	30
Vanadium [V]	93	96	77	130	110	81
Strontium [Sr]	10	12	8	9	7	15
Cobalt [Co]	8	8	21	13	3	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]	4	3	3	3	3	2
Scandium [Sc]	3	3	2	2	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	50	50	50	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	10	5	10	5	10
Holmium [Ho]	50	50	30	50	30	30

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8913 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13997

PROJECT: AVONDALE

ALL RESULTS PPM

L34+00E 12+50S L34+00E 13+00S L34+00E 13+50S L34+00E 14+00S

ELEMENT

ELEMENT	L34+00E 12+50S	L34+00E 13+00S	L34+00E 13+50S	L34+00E 14+00S
Aluminum [Al]	26000	22000	21000	9300
Iron [Fe]	30000	27000	30000	27000
Calcium [Ca]	1300	1800	1400	1200
Magnesium [Mg]	2500	2700	3400	1900
Sodium [Na]	100	120	80	70
Potassium [K]	260	340	160	160
Titanium [Ti]	1700	1500	4000	1900
Manganese [Mn]	140	270	180	110
Phosphorus [P]	500	660	560	500
Barium [Ba]	54	95	48	28
Chromium [Cr]	34	50	49	31
Zirconium [Zr]	4	2	5	3
Copper [Cu]	34	49	20	8
Nickel [Ni]	14	27	22	11
Lead [Pb]	4	2	5	5
Zinc [Zn]	31	42	30	16
Vanadium [V]	100	86	120	140
Strontium [Sr]	7	9	8	5
Cobalt [Co]	4	18	5	3
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]	2	5	2	1
Scandium [Sc]	3	2	3	1
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	40	20	40	30
Arsenic [As]	< 5	< 5	< 5	5
Bismuth [Bi]	5	5	5	5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	< 5	< 5
Holmium [Ho]	40	30	80	40

DATE : JUN-21-1990

SIGNED :

*Bernie Owen*

T.S.L. LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 931 - 1033  
 FAX #: (306) 242 - 471

I.C.A.F. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 107H FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2K6

T.S.L. REPORT No. : E - 8914 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13959

ATTN: C. IZSISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1896 ALL RESULTS PPM

ELEMENT	L32+00E 0+00	L32+00E 0+50S	L32+00E 1+00S	L32+00E 1+50S	L32+00E 2+00S	L32+00E 2+50S
Aluminum [Al]	29000	29000	19000	16000	23000	37000
Iron [Fe]	30000	40000	48000	32000	31000	35000
Calcium [Ca]	1200	900	980	1100	1600	1200
Magnesium [Mg]	1800	1800	2200	1600	2400	2200
Sodium [Na]	100	100	90	100	140	120
Potassium [K]	150	190	160	160	200	160
Titanium [Ti]	1700	3400	4500	2700	2400	2300
Manganese [Mn]	76	76	87	69	96	91
Phosphorus [P]	420	470	550	390	370	560
Barium [Ba]	37	31	29	23	36	34
Chromium [Cr]	35	32	31	33	33	37
Zirconium [Zr]	5	7	5	4	4	6
Copper [Cu]	33	19	23	14	29	73
Nickel [Ni]	11	7	9	9	14	12
Lead [Pb]	2	2	6	3	2	< 1
Zinc [Zn]	19	15	14	17	24	20
Vanadium [V]	96	150	260	150	120	120
Strontium [Sr]	6	5	5	6	8	6
Cobalt [Co]	3	2	3	3	4	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]	2	3	2	2	2	3
Scandium [Sc]	2	4	2	2	3	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	30	40	20	40	30
Arsenic [As]	< 5	< 5	10	10	< 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]	40	70	90	50	50	50

DATE : JUN-15-1990

SIGNED : Bernie Dunn



T S L LABORATORIES

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

97K 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: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : 5 - 8914 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13959

PROJECT: AVONDALE P.O. R-1896

ALL RESULTS PPM

L32+00E 3+005 L32+00E 3+50S L32+00E 4+005 L32+00E 4+50S L32+00E 5+005 L32+00E 5+50S

ELEMENT	L32+00E 3+005	L32+00E 3+50S	L32+00E 4+005	L32+00E 4+50S	L32+00E 5+005	L32+00E 5+50S
Aluminum [Al]	27000	30000	15000	44000	16000	33000
Iron [Fe]	46000	42000	40000	31000	50000	36000
Calcium [Ca]	1900	1100	1100	920	1200	1300
Magnesium [Mg]	4300	2100	1400	2700	1900	3000
Sodium [Na]	200	100	100	80	70	120
Potassium [K]	450	130	160	150	170	210
Titanium [Ti]	1900	2700	3100	1800	3600	2200
Manganese [Mn]	210	82	78	120	78	120
Phosphorus [P]	440	660	350	350	680	310
Barium [Ba]	64	26	27	62	33	53
Chromium [Cr]	52	41	48	40	45	41
Zirconium [Zr]	4	9	5	9	5	6
Copper [Cu]	71	49	22	98	22	55
Nickel [Ni]	20	11	15	21	14	17
Lead [Pb]	3	< 1	6	< 1	6	2
Zinc [Zn]	33	24	18	28	17	24
Vanadium [V]	150	150	200	110	200	130
Strontium [Sr]	15	5	5	4	5	6
Cobalt [Co]	4	3	2	5	3	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]	2	2	2	3	2	4
Scandium [Sc]	3	4	2	4	2	5
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	30	30	30	40	50
Arsenic [As]	< 5	25	15	10	10	< 5
Bismuth [Bi]	5	5	5	5	10	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	< 5	10	< 5	10
Holmium [Ho]	40	50	60	40	70	50

DATE : JUN-15-1990

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.F. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2A6

T.S.L. REPORT No. : S - 8914 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13959

ATTN: D. IDZISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1896 ALL RESULTS PPM

ELEMENT	L32+00E 6+00E	L32+00E 7+00E	L32+00E 7+50E	L32+00E 8+00E	L32+00E 8+50E	L32+00E 9+00E
Aluminum [Al]	14000	19000	9300	15000	18000	23000
Iron [Fe]	46000	25000	24000	29000	30000	34000
Calcium [Ca]	1700	1700	2000	1700	2000	1600
Magnesium [Mg]	2100	2700	1800	1800	2900	2300
Sodium [Na]	110	140	110	110	120	130
Potassium [K]	180	270	200	210	230	240
Titanium [Ti]	3500	2300	2300	1700	1800	1700
Manganese [Mn]	94	100	91	110	130	140
Phosphorus [P]	340	190	250	310	350	750
Barium [Ba]	34	54	72	68	54	34
Chromium [Cr]	42	36	31	25	51	48
Zirconium [Zr]	5	4	2	2	4	4
Copper [Cu]	27	50	22	39	37	51
Nickel [Ni]	17	18	14	13	28	20
Lead [Pb]	3	2	3	3	< 1	1
Zinc [Zn]	24	24	20	30	25	27
Vanadium [V]	200	110	140	93	130	140
Strontium [Sr]	8	8	12	10	8	8
Cobalt [Co]	4	4	4	6	7	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]	2	3	2	3	2	2
Scandium [Sc]	2	3	2	2	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	40	40	40	40	30
Arsenic [As]	10	< 5	10	10	10	15
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]	70	50	50	40	40	40

DATE : JUN-15-1990

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 WESTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2K6

T.S.L. REPORT No. : 5 - 8914 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13959

ATTN: C. IDZISZEK, J. FOSTER

PROJECT: AVONDALE

P.O. R-1896

ALL RESULTS PPM

ELEMENT	L32+00E 9+505	32+00E 10+005	32+00E 10+505	32+00E 11+005	32+00E 11+505	32+00E 12+005
Aluminum [Al]	23000	35000	25000	33000	33000	31000
Iron [Fe]	35000	33000	35000	27000	31000	32000
Calcium [Ca]	1600	1600	1100	3000	1700	1900
Magnesium [Mg]	2400	2500	1700	2700	2200	1900
Sodium [Na]	130	130	100	150	140	130
Potassium [K]	350	220	130	320	190	190
Titanium [Ti]	2100	1900	1500	1400	1500	1600
Manganese [Mn]	120	150	92	270	140	100
Phosphorus [P]	600	380	570	590	410	360
Barium [Ba]	45	63	27	75	45	49
Chromium [Cr]	45	35	38	55	36	50
Zirconium [Zr]	5	7	5	5	4	4
Copper [Cu]	51	67	30	63	70	43
Nickel [Ni]	19	17	12	26	17	21
Lead [Pb]	3	< 1	2	< 1	< 1	< 1
Zinc [Zn]	25	34	23	27	27	36
Vanadium [V]	150	130	150	100	110	140
Strontium [Sr]	7	7	5	12	7	7
Cobalt [Co]	4	6	3	6	5	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]	2	3	2	3	3	2
Scandium [Sc]	3	4	3	4	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	30	30	40	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	10	< 5	5	5	10
Holmium [Ho]	40	40	30	30	30	40

DATE : JUN-15-1990

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 10-908 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : S - 8914 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13959

ATTN: C. IDZISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1896 ALL RESULTS PPM

ELEMENT	32+00E 12+50S	32+00E 13+00S	32+00E 13+50S	32+00E 14+00S
Aluminum [Al]	25000	16000	15000	17000
Iron [Fe]	35000	26000	32000	29000
Calcium [Ca]	1800	2500	1400	1900
Magnesium [Mg]	2200	3000	2000	2800
Sodium [Na]	130	140	100	160
Potassium [K]	190	190	190	240
Titanium [Ti]	2000	1600	1900	1900
Manganese [Mn]	110	180	110	340
Phosphorus [P]	330	270	360	340
Barium [Ba]	42	74	39	97
Chromium [Cr]	38	28	47	39
Zirconium [Zr]	5	3	3	2
Copper [Cu]	38	38	19	29
Nickel [Ni]	16	20	19	23
Lead [Pb]	2	4	5	5
Zinc [Zn]	24	29	24	40
Vanadium [V]	170	110	150	77
Strontium [Sr]	7	11	7	10
Cobalt [Co]	5	10	4	39
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]	2	2	2	2
Scandium [Sc]	3	2	2	2
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	30	50	40	40
Arsenic [As]	10	15	10	10
Bismuth [Bi]	5	< 5	5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	5	10
Holmium [Ho]	40	30	40	30

DATE : JUN-15-1990

SIGNED :

*Bernie Owen*

T.S.L. LABORATORIES

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

97K 694

I.C.A.F. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2K6  
 ATTN: C. DOZ/SZK, J. FOSTER

T.S.L. REPORT No. : 5 - 8915 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13958

PROJECT: AVONDALE

P.O. R-1899

ALL RESULTS PPM

ELEMENT	L16+00E 0+50N	L18+00E 1+00N	L18+00E 1+50N	L18+00E 2+00N	L18+00E 2+50N	L18+00E 3+00N
Aluminum [Al]	22000	17000	33000	13000	40000	16000
Iron [Fe]	39000	39000	44000	31000	48000	31000
Calcium [Ca]	2200	5200	2200	1700	1400	2800
Magnesium [Mg]	4100	3900	4000	2800	4200	2900
Sodium [Na]	130	110	130	110	110	160
Potassium [K]	570	730	750	310	290	260
Titanium [Ti]	4500	5300	3600	4100	2700	1900
Manganese [Mn]	340	250	300	150	230	190
Phosphorus [P]	670	760	1700	630	670	260
Barium [Ba]	77	280	78	82	47	62
Chromium [Cr]	31	43	37	30	58	30
Zirconium [Zr]	7	6	7	6	8	3
Copper [Cu]	26	22	35	7	59	42
Nickel [Ni]	19	25	17	17	27	17
Lead [Pb]	6	8	1	6	< 1	1
Zinc [Zn]	39	66	48	22	47	31
Vanadium [V]	110	130	110	120	120	110
Strontium [Sr]	19	45	17	16	7	12
Cobalt [Co]	7	7	7	4	6	7
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]	3	6	4	3	3	4
Scandium [Sc]	3	3	4	2	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	50	60	40	70	40
Arsenic [As]	15	10	10	5	10	10
Bismuth [Bi]	10	10	10	5	10	5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	10	< 5	10	5
Holmium [Ho]	80	100	70	80	60	40

DATE : JUN-15-1990

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 - 8915 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13958

ATTN: C. IDZISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1899 ALL RESULTS PPM

ELEMENT	L18+00E 3+50N	L18+00E 4+00N	L18+00E 4+50N	L18+00E 5+00N	L18+00E 5+50N	L18+00E 7+00N
Aluminum [Al]	17000	12000	21000	19000	9000	24000
Iron [Fe]	45000	37000	40000	31000	25000	37000
Calcium [Ca]	1500	1600	2200	2400	3400	1600
Magnesium [Mg]	2100	2000	3300	3300	1700	2600
Sodium [Na]	110	110	220	130	150	150
Potassium [K]	190	260	420	270	230	350
Titanium [Ti]	2900	3100	3700	2300	2400	2200
Manganese [Mn]	140	130	150	250	100	140
Phosphorus [P]	210	410	370	180	200	290
Barium [Ba]	33	26	48	77	62	43
Chromium [Cr]	33	28	23	26	28	36
Zirconium [Zr]	7	3	5	4	3	6
Copper [Cu]	23	16	22	32	16	45
Nickel [Ni]	12	10	12	14	12	15
Lead [Pb]	8	6	4	5	6	3
Zinc [Zn]	25	21	27	37	22	28
Vanadium [V]	150	170	180	120	120	110
Strontium [Sr]	8	8	11	11	14	7
Cobalt [Co]	4	2	5	9	3	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]	2	2	3	4	3	3
Scandium [Sc]	3	2	4	3	2	4
Tungsten [W]	< 10	< 10	< 10	< 10	10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	50	60	50	40
Arsenic [As]	< 5	15	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	10	< 5	5
Holmium [Ho]	60	60	70	50	50	50

DATE : JUN-15-1990

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.F. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-806 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : S - 8915 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13958

ATTN: C. IDZISZEK, J. FOSTER PROJECT: AVONDALE P.O. R-1899 ALL RESULTS PPM

ELEMENT	L18+00E 7+50N	L18+00E 8+00N	L18+00E 8+50N	L18+00E 9+00N	L18+00E 9+50N	18+00E 10+00N
Aluminum [Al]	44000	36000	26000	9900	18000	16000
Iron [Fe]	31000	36000	37000	39000	34000	47000
Calcium [Ca]	2900	1900	1300	1400	1200	940
Magnesium [Mg]	2300	2700	1800	1400	4300	2400
Sodium [Na]	140	190	150	110	160	110
Potassium [K]	250	350	250	240	560	240
Titanium [Ti]	1100	2100	2100	2600	2900	3500
Manganese [Mn]	1200	170	110	90	170	110
Phosphorus [P]	810	480	520	430	370	360
Barium [Ba]	120	36	24	19	51	25
Chromium [Cr]	30	28	31	20	18	24
Zirconium [Zr]	3	7	7	4	5	6
Copper [Cu]	90	97	30	7	8	14
Nickel [Ni]	20	12	10	6	6	6
Lead [Pb]	< 1	4	3	6	2	5
Zinc [Zn]	82	32	20	13	18	14
Vanadium [V]	92	120	140	170	150	200
Strontium [Sr]	13	7	7	8	8	5
Cobalt [Co]	43	5	2	1	2	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]	7	6	3	2	3	2
Scandium [Sc]	2	5	4	2	5	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	40	40	30	70	50
Arsenic [As]	< 5	< 5	< 5	< 5	5	5
Bismuth [Bi]	5	< 5	< 5	< 5	< 5	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	5	5	< 5	5	< 5
Holmium [Ho]	20	40	40	50	50	70

DATE : JUN-15-1990

SIGNED : Bernie Dunn

T.S.L. LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7N 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 HASTING ST.  
 VANCOUVER, B.C.  
 V6C 2X6  
 ATTN: C. IDZISZEK, J. FOSTER

T.S.L. REPORT No. : S - 8915 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13958

PROJECT: AVONDALE

P.O. R-1899

ALL RESULTS PPM

ELEMENT	18+00E 10+50N	18+00E 11+30N	L36+00E 0+50N	L36+00E 1+00N	L36+00E 1+50N	L36+00E 2+00N
Aluminum [Al]	13000	24000	19000	16000	15000	28000
Iron [Fe]	33000	32000	43000	38000	49000	33000
Calcium [Ca]	1200	1300	1700	1400	1300	1700
Magnesium [Mg]	1600	2800	2300	2900	2500	2200
Sodium [Na]	120	150	110	140	100	140
Potassium [K]	210	490	190	260	290	240
Titanium [Ti]	2500	1500	2900	2800	3300	1800
Manganese [Mn]	92	150	100	130	130	110
Phosphorus [P]	350	550	410	260	550	350
Barium [Ba]	23	39	31	31	25	37
Chromium [Cr]	19	33	42	35	42	59
Zirconium [Zr]	3	4	6	5	6	9
Copper [Cu]	14	64	23	14	11	33
Nickel [Ni]	7	14	15	14	14	21
Lead [Pb]	5	2	5	4	7	3
Zinc [Zn]	14	29	20	20	21	27
Vanadium [V]	160	100	210	160	230	110
Strontium [Sr]	6	6	7	7	6	7
Cobalt [Co]	2	4	3	5	4	3
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	3	1	2	2	2
Scandium [Sc]	2	3	2	3	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	40	40	30	20
Arsenic [As]	5	15	< 5	10	20	5
Bismuth [Bi]	5	< 5	10	5	5	5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	< 5	< 5	< 5	5
Holmium [Ho]	50	40	60	60	70	40

DATE : JUN-15-1990

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.F. PLASMA SCAN

Aqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-208 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2K6

T.S.L. REPORT No. : S - 8915 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 13958

ATTN: C. IDZISZEK, J. POSTER PROJECT: AVONDALE P.O. R-1899 ALL RESULTS PPM

ELEMENT	L36+00E 2+50N	L36+00E 3+00N	L36+00E 3+50N	L36+00E 4+00N
Aluminum [Al]	25000	33000	8600	6300
Iron [Fe]	29000	43000	29000	19000
Calcium [Ca]	1500	1400	1400	1200
Magnesium [Mg]	1800	2500	1000	920
Sodium [Na]	140	130	100	90
Potassium [K]	160	320	170	130
Titanium [Ti]	1500	2200	1700	2300
Manganese [Mn]	75	120	75	67
Phosphorus [P]	270	310	250	220
Barium [Ba]	28	41	23	20
Chromium [Cr]	31	41	27	20
Zirconium [Zr]	4	11	2	2
Copper [Cu]	42	43	8	7
Nickel [Ni]	11	12	7	6
Lead [Pb]	3	2	4	6
Zinc [Zn]	19	22	14	11
Vanadium [V]	120	130	110	130
Strontium [Sr]	7	7	8	6
Cobalt [Co]	3	3	2	2
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]	3	3	2	1
Scandium [Sc]	2	4	1	1
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	30	< 10
Arsenic [As]	10	< 5	< 5	5
Bismuth [Bi]	5	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	< 5	< 5
Holmium [Ho]	30	40	40	50

DATE : JUN-15-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8928 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14012

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L36+00E	0+00	36+00E	0+50 S	36+00E	1+00 S	36+00E	1+50 S	36+00E	2+00 S
Aluminum [Al]	34000		10000		23000		18000		18000	
Iron [Fe]	31000		23000		40000		46000		32000	
Calcium [Ca]	1200		2300		1500		1500		2000	
Magnesium [Mg]	2000		2900		2600		4400		4800	
Sodium [Na]	110		110		130		110		140	
Potassium [K]	190		170		190		310		320	
Titanium [Ti]	1700		2300		2100		3700		2300	
Manganese [Mn]	75		130		110		140		140	
Phosphorus [P]	290		230		290		820		340	
Barium [Ba]	30		22		28		33		43	
Chromium [Cr]	76		54		46		50		52	
Zirconium [Zr]	5		1		6		4		2	
Copper [Cu]	42		20		40		28		27	
Nickel [Ni]	28		28		17		23		29	
Lead [Pb]	5		8		5		10		7	
Zinc [Zn]	18		23		19		24		30	
Vanadium [V]	120		190		150		220		130	
Strontium [Sr]	6		9		8		8		10	
Cobalt [Co]	5		8		7		10		9	
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]	3		1		2		2		2	
Scandium [Sc]	4		2		3		2		2	
Tungsten [W]	< 10		< 10		< 10		< 10		< 10	
Niobium [Nb]	< 10		< 10		< 10		< 10		< 10	
Thorium [Th]	< 10		< 10		10		< 10		< 10	
Arsenic [As]	5		5		5		< 5		10	
Bismuth [Bi]	< 5		5		< 5		< 5		< 5	
Tin [Sn]	< 10		< 10		< 10		< 10		< 10	
Lithium [Li]	5		< 5		5		5		10	
Holmium [Ho]	30		40		30		50		30	

DATE : JUN-21-1990

SIGNED :

*Bernie Duro*

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. : 5 - 8928 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14012

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	36+00E 2+50S	36+00E 3+00S	36+00E 3+50S	36+00E 4+00S	36+00E 4+50S
Aluminum [Al]	37000	12000	9400	17000	19000
Iron [Fe]	48000	33000	28000	49000	41000
Calcium [Ca]	1700	2600	2500	1300	1800
Magnesium [Mg]	4900	2600	2100	2300	4300
Sodium [Na]	140	150	130	90	120
Potassium [K]	280	310	210	260	200
Titanium [Ti]	2400	2100	2000	2700	1800
Manganese [Mn]	160	110	110	120	160
Phosphorus [P]	380	350	290	670	430
Barium [Ba]	40	31	17	27	43
Chromium [Cr]	65	68	49	53	32
Zirconium [Zr]	8	2	2	4	3
Copper [Cu]	70	25	15	29	36
Nickel [Ni]	28	33	22	19	18
Lead [Pb]	5	11	6	7	7
Zinc [Zn]	28	23	18	24	29
Vanadium [V]	180	190	180	240	150
Strontium [Sr]	9	9	9	7	9
Cobalt [Co]	9	7	6	7	8
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]	3	2	1	2	3
Scandium [Sc]	4	2	2	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	< 5	5	10	15	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	< 5	< 5	5
Holmium [Ho]	40	30	30	40	30

DATE : JUN-21-1990

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 - 8928 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14012

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	36+00E 5+00S	36+00E 5+50S	36+00E 6+00S	36+00E 6+50S	36+00E 7+00S
Aluminum [Al]	24000	38000	24000	30000	53000
Iron [Fe]	29000	40000	38000	36000	33000
Calcium [Ca]	2100	1300	2000	1800	1600
Magnesium [Mg]	2700	2600	4500	1800	4300
Sodium [Na]	170	120	140	150	140
Potassium [K]	180	190	280	180	230
Titanium [Ti]	1100	2100	1500	1500	1700
Manganese [Mn]	120	110	180	150	140
Phosphorus [P]	270	440	480	200	490
Barium [Ba]	39	36	40	47	33
Chromium [Cr]	45	42	40	31	61
Zirconium [Zr]	3	6	3	4	12
Copper [Cu]	52	56	43	48	95
Nickel [Ni]	22	17	21	13	26
Lead [Pb]	4	< 1	6	12	< 1
Zinc [Zn]	30	24	32	41	29
Vanadium [V]	120	140	130	150	110
Strontium [Sr]	9	7	9	9	8
Cobalt [Co]	6	7	8	6	7
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]	2	5	3	3	4
Scandium [Sc]	2	3	3	3	7
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	20	< 10	20	< 10
Arsenic [As]	< 5	< 5	10	10	5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	5	10	5	10
Holmium [Ho]	20	30	20	20	20

DATE : JUN-21-1990

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 - 8928 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14012

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	36+00E 7+50S	36+00E 8+00S	36+00E 8+50S	36+00E 9+00S	36+00E 9+50S
Aluminum [Al]	32000	40000	32000	47000	21000
Iron [Fe]	29000	30000	41000	33000	36000
Calcium [Ca]	2200	2000	1900	2200	3600
Magnesium [Mg]	4700	2700	2800	2700	2800
Sodium [Na]	170	140	130	160	160
Potassium [K]	240	220	200	250	280
Titanium [Ti]	1300	1400	2100	1700	1800
Manganese [Mn]	190	170	140	130	150
Phosphorus [P]	440	560	470	470	490
Barium [Ba]	42	35	38	45	49
Chromium [Cr]	54	47	48	56	53
Zirconium [Zr]	5	4	6	7	3
Copper [Cu]	93	65	120	77	48
Nickel [Ni]	30	24	23	22	25
Lead [Pb]	2	2	2	< 1	3
Zinc [Zn]	31	39	31	27	36
Vanadium [V]	120	110	160	120	170
Strontium [Sr]	10	9	9	10	15
Cobalt [Co]	8	6	8	7	8
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]	3	4	3	4	2
Scandium [Sc]	5	3	4	5	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	20	10
Arsenic [As]	< 5	< 5	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	10	10	5
Holmium [Ho]	20	20	30	30	30

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8928 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14012

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	36+00E 10+00S	36+00E 10+50S	36+00E 11+50S	36+00E 12+00S	36+00E 12+50S
Aluminum [Al]	21000	26000	28000	21000	22000
Iron [Fe]	31000	27000	36000	24000	31000
Calcium [Ca]	1900	2400	1600	1800	1800
Magnesium [Mg]	2500	6200	4900	5100	5600
Sodium [Na]	100	160	130	130	150
Potassium [K]	270	320	270	350	220
Titanium [Ti]	1400	1400	1900	1600	2300
Manganese [Mn]	210	230	140	270	170
Phosphorus [P]	590	280	710	320	490
Barium [Ba]	45	200	55	77	57
Chromium [Cr]	49	60	77	54	86
Zirconium [Zr]	3	3	5	2	4
Copper [Cu]	34	72	41	37	37
Nickel [Ni]	26	42	35	30	39
Lead [Pb]	4	3	2	5	3
Zinc [Zn]	35	45	27	35	33
Vanadium [V]	110	91	110	82	110
Strontium [Sr]	8	13	10	13	12
Cobalt [Co]	14	16	9	14	11
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]	2	3	3	4	2
Scandium [Sc]	3	4	3	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	< 5	5	5	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	5	10	5
Holmium [Ho]	20	20	30	30	40

DATE : JUN-21-1990

SIGNED :

*Bernie Dean*

T S L LABORATORIES

2-302-4BTH 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 - 8928 - 6  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14012

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	36+00E 13+00S	36+00E 13+50S	36+00E 14+00S
Aluminum [Al]	32000	34000	19000
Iron [Fe]	40000	37000	32000
Calcium [Ca]	1600	1600	1500
Magnesium [Mg]	5800	6000	3000
Sodium [Na]	130	130	110
Potassium [K]	230	380	190
Titanium [Ti]	3600	2700	2000
Manganese [Mn]	180	230	140
Phosphorus [P]	440	540	330
Barium [Ba]	65	91	48
Chromium [Cr]	100	63	57
Zirconium [Zr]	7	6	3
Copper [Cu]	49	52	30
Nickel [Ni]	44	35	25
Lead [Pb]	1	2	3
Zinc [Zn]	32	38	25
Vanadium [V]	130	110	100
Strontium [Sr]	12	11	10
Cobalt [Co]	13	14	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]	3	7	2
Scandium [Sc]	4	5	3
Tungsten [W]	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10
Arsenic [As]	< 5	10	< 5
Bismuth [Bi]	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10
Lithium [Li]	10	10	< 5
Holmium [Ho]	50	40	30

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8929 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14010

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L38+00E 0+00	L38+00E 0+50S	L38+00E 1+00S	L38+00E 1+50S	L38+00E 2+00S	L38+00E 2+50S
Aluminum [Al]	21000	44000	36000	27000	23000	21000
Iron [Fe]	35000	34000	37000	36000	31000	32000
Calcium [Ca]	1600	1500	1700	1400	2100	2100
Magnesium [Mg]	1700	4700	4600	2600	3000	5000
Sodium [Na]	100	150	150	110	150	130
Potassium [K ]	190	260	260	210	210	280
Titanium [Ti]	2100	1900	2000	1600	1500	1500
Manganese [Mn]	77	140	140	100	120	140
Phosphorus [P ]	190	300	220	300	240	250
Barium [Ba]	41	42	41	29	38	43
Chromium [Cr]	52	96	68	60	54	50
Zirconium [Zr]	5	10	6	5	3	3
Copper [Cu]	20	56	40	30	26	30
Nickel [Ni]	16	41	30	22	24	29
Lead [Pb]	7	< 1	< 1	3	3	4
Zinc [Zn]	16	25	29	25	21	26
Vanadium [V ]	140	110	120	120	120	130
Strontium [Sr]	7	7	8	6	8	12
Cobalt [Co]	5	8	8	6	6	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	< 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	2	2	2	2
Scandium [Sc]	2	6	4	3	2	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]	10	< 5	5	< 5	< 5	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	10	10	10	10
Holmium [Ho]	30	30	30	30	20	20

DATE : JUN-21-1990

SIGNED :

*Bernie Owen*



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 - 8929 - 2  
T.S.L. File No. :  
T.S.L. Invoice No. : 14010

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L38+00E 3+00S	L38+00E 3+50S	L38+00E 4+00S	L38+00E 4+50S	L38+00E 5+00S	L38+00E 5+50S
Aluminum [Al]	4000	25000	8900	24000	45000	44000
Iron [Fe]	16000	44000	21000	26000	26000	38000
Calcium [Ca]	1200	1800	1300	1400	2000	1900
Magnesium [Mg]	970	4700	1700	2500	5000	4500
Sodium [Na]	90	120	100	110	190	170
Potassium [K]	150	230	140	160	210	260
Titanium [Ti]	1200	2100	1600	850	1200	1400
Manganese [Mn]	66	130	81	190	170	150
Phosphorus [P]	110	330	140	410	340	630
Barium [Ba]	12	29	19	27	57	58
Chromium [Cr]	40	78	39	46	63	100
Zirconium [Zr]	< 1	5	2	1	5	5
Copper [Cu]	9	42	14	40	67	52
Nickel [Ni]	17	33	18	26	38	43
Lead [Pb]	7	5	5	5	< 1	< 1
Zinc [Zn]	13	26	13	25	32	27
Vanadium [V]	110	180	120	85	82	120
Strontium [Sr]	5	7	6	6	8	10
Cobalt [Co]	4	8	5	6	9	7
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	10
Yttrium [Y]	< 1	2	1	2	3	3
Scandium [Sc]	1	3	1	1	4	3
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	10	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	10	10
Holmium [Ho]	20	30	30	20	20	30

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8929 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14010

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L38+00E 6+00S	L38+00E 6+50S	L38+00E 7+00S	L38+00E 8+00S	L38+00E 8+50S	L38+00E 9+00S
Aluminum [Al]	38000	24000	68000	36000	32000	25000
Iron [Fe]	34000	28000	24000	34000	30000	47000
Calcium [Ca]	1400	2000	1300	1600	1600	2000
Magnesium [Mg]	4200	2700	1600	2700	2400	2600
Sodium [Na]	140	150	120	130	130	100
Potassium [K]	220	270	220	210	190	320
Titanium [Ti]	1600	1600	940	1700	1200	2500
Manganese [Mn]	110	130	140	100	95	130
Phosphorus [P]	420	390	720	340	420	350
Barium [Ba]	36	38	45	40	36	53
Chromium [Cr]	45	55	40	53	50	52
Zirconium [Zr]	7	3	7	5	5	4
Copper [Cu]	53	35	49	60	61	49
Nickel [Ni]	22	25	16	21	25	21
Lead [Pb]	< 1	4	< 1	2	2	4
Zinc [Zn]	25	28	24	20	22	19
Vanadium [V]	110	110	72	130	110	190
Strontium [Sr]	7	9	7	8	7	9
Cobalt [Co]	7	6	10	7	6	8
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]	< 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	2	4	2	2	2
Scandium [Sc]	3	3	3	4	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	20	20	< 10	< 10
Arsenic [As]	10	10	< 5	15	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	5	5	10	5	10
Holmium [Ho]	30	30	10	30	20	40

DATE : JUN-21-1990

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 - 8929 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14010

PROJECT: AVONDALE

ALL RESULTS PPM

ELEMENT	L38+00E 9+50S	38+00E 10+00S	38+00E 10+50S	38+00E 11+00S	38+00E 11+50S	38+00E 12+00S
Aluminum [Al]	34000	24000	26000	27000	28000	50000
Iron [Fe]	38000	30000	27000	33000	36000	45000
Calcium [Ca]	1400	1600	1500	1300	1300	1100
Magnesium [Mg]	2800	2600	2600	2800	4300	4800
Sodium [Na]	110	110	100	100	100	90
Potassium [K]	270	290	250	230	270	250
Titanium [Ti]	1700	1400	1200	1500	2000	2200
Manganese [Mn]	130	110	140	150	150	180
Phosphorus [P]	550	430	360	1100	320	860
Barium [Ba]	42	30	43	38	47	45
Chromium [Cr]	55	58	42	36	38	46
Zirconium [Zr]	6	3	3	3	3	13
Copper [Cu]	51	47	51	44	50	55
Nickel [Ni]	22	26	21	17	19	17
Lead [Pb]	3	5	4	2	1	2
Zinc [Zn]	26	22	26	31	28	38
Vanadium [V]	120	120	92	120	140	140
Strontium [Sr]	6	7	7	6	6	6
Cobalt [Co]	10	6	6	7	9	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	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	2	2	2	2	2	3
Scandium [Sc]	3	3	3	3	4	6
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	< 5	< 5	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	< 5	5	10	15
Holmium [Ho]	30	20	20	20	30	30

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8929 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14010

PROJECT: AVONDALE

ALL RESULTS PPM

38+00E 12+50S 38+00E 13+00S 38+00E 13+50S 38+00E 14+00S

ELEMENT	38+00E 12+50S	38+00E 13+00S	38+00E 13+50S	38+00E 14+00S
Aluminum [Al]	17000	12000	17000	26000
Iron [Fe]	28000	27000	33000	27000
Calcium [Ca]	1100	1100	1000	1600
Magnesium [Mg]	2500	1900	1900	5500
Sodium [Na]	90	100	80	120
Potassium [K]	330	250	270	610
Titanium [Ti]	1400	1800	1700	1500
Manganese [Mn]	160	140	180	250
Phosphorus [P]	520	300	640	400
Barium [Ba]	43	41	40	160
Chromium [Cr]	24	28	40	41
Zirconium [Zr]	3	1	2	4
Copper [Cu]	26	15	19	63
Nickel [Ni]	11	11	16	30
Lead [Pb]	5	6	8	3
Zinc [Zn]	30	29	32	37
Vanadium [V]	100	89	120	92
Strontium [Sr]	6	7	6	10
Cobalt [Co]	5	6	5	11
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]	2	2	2	4
Scandium [Sc]	3	2	2	5
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	30	50	10	< 10
Arsenic [As]	5	5	< 5	5
Bismuth [Bi]	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	5	10
Holmium [Ho]	20	30	30	20

DATE : JUN-21-1990

SIGNED :

*Bernie Owen*

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 - 8944 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14011

PROJECT: AVONDALE-HALL

ALL RESULTS PPM

ELEMENT	LL-01	LL-02	LL-03	LL-04	LL-05	LL-06	LL-07	LL-08	LL-09	LL-10
Aluminum [Al]	21000	29000	32000	46000	27000	12000	12000	32000	11000	32000
Iron [Fe]	17000	37000	43000	60000	27000	16000	15000	16000	16000	57000
Calcium [Ca]	9900	2700	5300	1100	2300	2800	7800	20000	15000	8600
Magnesium [Mg]	7300	9900	9800	11000	12000	5700	5000	6300	2500	11000
Sodium [Na]	1800	320	260	90	80	380	890	4200	690	260
Potassium [K]	220	1200	4100	1200	2200	1800	620	470	230	170
Titanium [Ti]	880	1400	3000	1500	1500	970	1300	960	1200	2500
Manganese [Mn]	230	860	550	1400	670	250	190	200	190	1300
Phosphorus [P]	390	540	1500	920	280	340	440	260	170	1600
Barium [Ba]	50	160	190	650	75	140	34	33	34	29
Chromium [Cr]	49	55	180	110	90	67	35	66	36	8
Zirconium [Zr]	2	4	5	7	4	3	3	3	3	13
Copper [Cu]	130	59	73	64	79	62	170	78	800	170
Nickel [Ni]	29	41	93	86	31	7	39	35	24	4
Lead [Pb]	37	17	5	1	< 1	2	3	5	< 1	< 1
Zinc [Zn]	53	96	50	120	59	17	20	20	17	120
Vanadium [V]	46	68	130	140	53	39	43	64	28	220
Strontium [Sr]	39	20	14	14	40	16	34	81	28	66
Cobalt [Co]	12	15	26	33	28	9	19	11	15	31
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	10	10	10	15	< 5	< 5	< 5	< 5	10
Yttrium [Y]	6	7	11	17	4	7	6	5	3	8
Scandium [Sc]	1	4	6	9	4	3	2	3	2	7
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	< 10	< 10	< 10	< 10	< 10	< 10	30	30
Arsenic [As]	< 5	10	< 5	< 5	< 5	< 5	< 5	< 5	5	< 5
Bismuth [Bi]	5	< 5	10	< 5	5	< 5	< 5	10	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	20	20	20	35	10	10	< 5	< 5	15
Holmium [Ho]	20	20	50	30	20	10	20	20	20	30

DATE : JUN-21-1990

SIGNED : \_\_\_\_\_

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 - 8945 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14009

PROJECT: AVONDALE-HALL

ALL RESULTS PPM

ELEMENT	LL-11	LL-12	LL-13	LL-14	LL-15	LL-16	LL-17	LL-18	LL-19	LL-20
Aluminum [Al]	28000	29000	16000	17000	15000	14000	24000	28000	5000	20000
Iron [Fe]	37000	39000	22000	27000	19000	41000	37000	17000	11000	53000
Calcium [Ca]	2600	9200	7500	12000	10000	8200	5200	19000	2000	3400
Magnesium [Mg]	11000	9900	7600	6800	5200	5100	9600	5700	2100	6300
Sodium [Na]	330	380	380	340	1300	520	330	110	60	270
Potassium [K]	9900	10000	1200	710	590	670	320	70	40	710
Titanium [Ti]	3000	2100	1400	1200	1100	1700	760	710	150	2200
Manganese [Mn]	430	260	270	220	150	320	440	220	72	230
Phosphorus [P]	410	2300	690	480	500	1300	650	210	48	640
Barium [Ba]	970	560	200	35	22	43	15	93	15	56
Chromium [Cr]	16	24	50	67	35	15	29	43	52	29
Zirconium [Zr]	8	8	9	4	3	6	4	5	< 1	8
Copper [Cu]	33	110	67	150	130	170	67	83	50	540
Nickel [Ni]	23	36	19	46	26	4	12	26	5	20
Lead [Pb]	< 1	< 1	3	< 1	1	< 1	< 1	< 1	< 1	< 1
Zinc [Zn]	49	33	23	22	16	32	44	24	6	19
Vanadium [V]	120	190	66	76	68	110	89	68	36	330
Strontium [Sr]	14	14	25	33	35	13	43	13	5	8
Cobalt [Co]	16	23	11	27	12	10	13	11	4	18
Molybdenum [Mo]	< 2	< 2	2	< 2	< 2	2	< 2	< 2	< 2	2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	10	10	< 5	< 5	< 5	< 5	5	< 5	< 5	< 5
Yttrium [Y]	6	33	5	6	7	19	4	6	< 1	9
Scandium [Sc]	12	13	3	4	2	5	4	5	1	8
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]	20	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	15	< 5	< 5	< 5	< 5
Bismuth [Bi]	10	10	5	< 5	< 5	< 5	< 5	5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	20	15	10	10	5	< 5	10	10	< 5	10
Holmium [Ho]	40	30	20	20	20	30	10	10	< 10	30

DATE : JUN-21-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : M - 8945 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14009

PROJECT: AVONDALE-HALL

ALL RESULTS PPM

ELEMENT	LL-21	LL-22	LL-23	LL-24	LL-25
Aluminum [Al]	16000	20000	2400	36000	5900
Iron [Fe]	31000	30000	11000	49000	9900
Calcium [Ca]	1000	5400	740	1300	1100
Magnesium [Mg]	2800	8700	1000	11000	2700
Sodium [Na]	140	240	120	220	290
Potassium [K]	1000	230	70	3000	110
Titanium [Ti]	460	2800	200	1500	240
Manganese [Mn]	80	320	44	1300	120
Phosphorus [P]	470	510	100	180	300
Barium [Ba]	460	61	6	260	23
Chromium [Cr]	9	62	110	27	100
Zirconium [Zr]	2	4	< 1	9	2
Copper [Cu]	150	90	82	72	22
Nickel [Ni]	2	29	3	19	5
Lead [Pb]	3	< 1	2	< 1	< 1
Zinc [Zn]	6	23	5	78	7
Vanadium [V]	17	96	19	180	45
Strontium [Sr]	9	22	6	4	4
Cobalt [Co]	2	20	2	14	3
Molybdenum [Mo]	4	< 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	10	< 5
Yttrium [Y]	2	11	< 1	5	4
Scandium [Sc]	< 1	4	< 1	15	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	< 10	< 10	20	< 10
Arsenic [As]	5	5	< 5	< 5	5
Bismuth [Bi]	< 5	10	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	< 5	25	< 5
Holmium [Ho]	< 10	40	< 10	30	< 10

DATE : JUN-21-1990

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 - 8960 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14048

ATTN: J. FOSTER

PROJECT: AVONDALE R-1921

ALL RESULTS PPM

L26+00E 0+00 L26+00E 0+50S L26+00E 1+50S L26+00E 2+00S L26+00E 2+50S L26+00E 3+00S

ELEMENT	L26+00E 0+00	L26+00E 0+50S	L26+00E 1+50S	L26+00E 2+00S	L26+00E 2+50S	L26+00E 3+00S
Aluminum [Al]	42000	32000	33000	35000	24000	36000
Iron [Fe]	39000	36000	41000	40000	43000	42000
Calcium [Ca]	1600	1700	2400	2100	2200	3100
Magnesium [Mg]	3400	2400	5300	4500	3500	5700
Sodium [Na]	120	110	140	170	170	210
Potassium [K]	200	210	1100	820	390	940
Titanium [Ti]	1700	1700	2100	2300	2900	3000
Manganese [Mn]	200	120	330	340	690	450
Phosphorus [P]	650	380	350	360	540	1200
Barium [Ba]	76	41	220	180	110	270
Chromium [Cr]	34	31	37	31	34	65
Zirconium [Zr]	6	3	3	4	1	2
Copper [Cu]	82	67	90	140	49	85
Nickel [Ni]	16	15	56	32	27	57
Lead [Pb]	6	4	3	5	8	3
Zinc [Zn]	39	38	99	98	92	110
Vanadium [V]	140	150	120	110	110	100
Strontium [Sr]	8	7	12	11	11	24
Cobalt [Co]	6	5	11	12	31	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	10	< 5	< 5	< 5
Yttrium [Y]	4	2	6	9	5	5
Scandium [Sc]	5	3	6	6	2	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	40	80	70	50	80
Arsenic [As]	< 5	10	10	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	5	10	10	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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.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 - 8960 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14048

PROJECT: AVONDALE R-1921

ALL RESULTS PPM

ELEMENT	L26+00E 3+50S	L26+00E 4+00S	L26+00E 4+50S	L26+00E 5+00S	L26+00E 5+50S	L26+00E 6+00S
Aluminum [Al]	34000	48000	39000	29000	41000	32000
Iron [Fe]	45000	31000	48000	33000	37000	46000
Calcium [Ca]	3400	2000	1900	2500	4700	2100
Magnesium [Mg]	5200	2900	5300	3900	6000	4400
Sodium [Na]	220	120	150	160	310	180
Potassium [K]	850	320	940	590	2600	700
Titanium [Ti]	4000	1100	3800	2700	3300	2900
Manganese [Mn]	360	580	430	1900	440	370
Phosphorus [P]	710	2000	880	560	1600	900
Barium [Ba]	320	70	200	330	270	120
Chromium [Cr]	53	39	59	41	69	51
Zirconium [Zr]	3	2	6	< 1	3	6
Copper [Cu]	49	58	73	78	66	41
Nickel [Ni]	40	17	47	30	56	30
Lead [Pb]	6	< 1	6	5	1	6
Zinc [Zn]	85	62	75	72	80	84
Vanadium [V]	130	77	120	99	92	90
Strontium [Sr]	32	10	18	23	41	15
Cobalt [Co]	11	6	10	110	16	10
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	4	1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	9	3	4	31	10	4
Scandium [Sc]	4	3	5	3	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	10	< 10	< 10
Thorium [Th]	80	40	80	50	90	60
Arsenic [As]	5	10	15	5	15	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	15	10	15	15
Holmium [Ho]	< 10	< 10	< 10	20	< 10	< 10

DATE : JUN-27-1990

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 - 8960 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14048

PROJECT: AVONDALE R-1921 ALL RESULTS PPM

L26+00E 6+50S L26+00E 7+00S L26+00E 7+50S L26+00E 8+00S L26+00E 8+50S L26+00E 9+00S

ELEMENT

ELEMENT	L26+00E 6+50S	L26+00E 7+00S	L26+00E 7+50S	L26+00E 8+00S	L26+00E 8+50S	L26+00E 9+00S
Aluminum [Al]	35000	31000	24000	20000	36000	20000
Iron [Fe]	36000	35000	44000	36000	38000	36000
Calcium [Ca]	4400	2300	3700	3200	4700	2900
Magnesium [Mg]	6100	4900	5000	3500	6100	3900
Sodium [Na]	380	200	300	180	370	180
Potassium [K]	1300	990	890	530	1300	570
Titanium [Ti]	4000	3100	5800	3300	3400	3500
Manganese [Mn]	860	360	410	950	650	310
Phosphorus [P]	580	590	650	530	1000	660
Barium [Ba]	240	190	150	210	250	130
Chromium [Cr]	68	52	76	42	75	43
Zirconium [Zr]	3	2	5	2	3	2
Copper [Cu]	53	47	22	28	66	27
Nickel [Ni]	54	37	37	22	54	21
Lead [Pb]	3	4	6	10	3	11
Zinc [Zn]	75	62	62	66	90	64
Vanadium [V]	110	100	120	100	100	110
Strontium [Sr]	31	15	24	21	27	18
Cobalt [Co]	17	9	9	19	19	7
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]	10	5	< 5	< 5	5	< 5
Yttrium [Y]	11	9	4	9	9	5
Scandium [Sc]	3	4	3	2	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	20	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	90	80	70	50	90	50
Arsenic [As]	10	< 5	< 5	10	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	< 5	5	10	5
Holmium [Ho]	< 10	< 10	30	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Dunn*

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 10-208 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2X6

T.S.L. REPORT No. : S - 8960 - 4  
T.S.L. File No. :  
T.S.L. Invoice No. : 14048

ATTN: J. FOSTER

PROJECT: AVONDALE R-1921

ALL RESULTS PPM

L26+00E 9+50S 26+00E 10+00S 26+00E 10+50S 26+00E 11+00S 26+00E 11+50S 26+00E 12+00S

ELEMENT	L26+00E 9+50S	26+00E 10+00S	26+00E 10+50S	26+00E 11+00S	26+00E 11+50S	26+00E 12+00S
Aluminum [Al]	23000	23000	19000	25000	29000	33000
Iron [Fe]	39000	33000	24000	37000	44000	35000
Calcium [Ca]	2000	3500	3300	2700	2300	2200
Magnesium [Mg]	3900	4800	3600	4900	4400	4200
Sodium [Na]	150	200	160	150	130	160
Potassium [K]	550	660	330	370	510	380
Titanium [Ti]	3600	2600	1800	2900	4000	2700
Manganese [Mn]	290	270	730	250	230	210
Phosphorus [P]	460	390	260	210	530	390
Barium [Ba]	100	180	170	120	100	72
Chromium [Cr]	41	55	34	45	52	46
Zirconium [Zr]	2	2	< 1	3	5	4
Copper [Cu]	26	51	42	40	50	62
Nickel [Ni]	20	34	23	29	29	28
Lead [Pb]	11	3	6	5	5	1
Zinc [Zn]	70	57	52	44	46	61
Vanadium [V]	120	110	73	120	150	120
Strontium [Sr]	12	20	21	15	13	11
Cobalt [Co]	8	10	13	8	6	8
Molybdenum [Mo]	8	< 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]	< 5	< 5	5	5	< 5	< 5
Yttrium [Y]	5	5	7	5	3	4
Scandium [Sc]	3	4	2	4	4	5
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	60	60	50	70	60	50
Arsenic [As]	15	15	10	10	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	5	10	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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  
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8960 - 5  
T.S.L. File No. :  
T.S.L. Invoice No. : 14048

PROJECT: AVONDALE R-1921

ALL RESULTS PPM

26+00E 12+50S 26+00E 13+00S 26+00E 13+50S 26+00E 14+00S

ELEMENT

Aluminum [Al]	30000	18000	27000	35000
Iron [Fe]	38000	36000	36000	30000
Calcium [Ca]	3000	2700	3200	2600
Magnesium [Mg]	4900	3100	5000	3800
Sodium [Na]	160	130	180	150
Potassium [K]	490	350	490	380
Titanium [Ti]	2600	2500	2500	1700
Manganese [Mn]	560	380	490	1400
Phosphorus [P]	440	880	550	670
Barium [Ba]	140	72	110	100
Chromium [Cr]	48	41	45	36
Zirconium [Zr]	3	3	3	2
Copper [Cu]	50	20	62	64
Nickel [Ni]	35	19	33	24
Lead [Pb]	2	6	4	2
Zinc [Zn]	66	48	58	49
Vanadium [V]	130	120	120	110
Strontium [Sr]	18	15	19	17
Cobalt [Co]	22	6	11	29
Molybdenum [Mo]	4	< 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]	5	2	5	7
Scandium [Sc]	4	3	4	3
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	70	40	70	50
Arsenic [As]	< 5	15	15	10
Bismuth [Bi]	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	15	5	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10

DATE : JUN-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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8961 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14049

PROJECT: AVONDALE R-1922

ALL RESULTS PPM

L36+00E 4+50N L36+00E 5+00N L36+00E 5+50N L36+00E 6+00N L36+00E 6+50N L36+00E 7+00N

ELEMENT

ELEMENT	L36+00E 4+50N	L36+00E 5+00N	L36+00E 5+50N	L36+00E 6+00N	L36+00E 6+50N	L36+00E 7+00N
Aluminum [Al]	7100	10000	37000	27000	20000	7100
Iron [Fe]	29000	34000	43000	22000	20000	13000
Calcium [Ca]	1000	1400	1600	1700	1700	1700
Magnesium [Mg]	750	1800	3500	3800	2600	1600
Sodium [Na]	70	100	120	160	160	120
Potassium [K]	140	230	280	350	310	180
Titanium [Ti]	1400	2100	1900	1300	720	1600
Manganese [Mn]	83	75	200	170	110	79
Phosphorus [P]	130	260	420	430	430	130
Barium [Ba]	18	29	26	30	32	20
Chromium [Cr]	34	60	77	44	35	47
Zirconium [Zr]	< 1	< 1	9	2	< 1	< 1
Copper [Cu]	17	16	120	57	48	15
Nickel [Ni]	14	22	38	20	22	20
Lead [Pb]	12	13	7	5	7	7
Zinc [Zn]	23	24	41	32	31	19
Vanadium [V]	120	180	130	87	74	100
Strontium [Sr]	5	6	5	9	6	6
Cobalt [Co]	2	3	6	5	6	2
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	54	< 1	< 1	< 1	< 1	2
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	1	5	3	3	1
Scandium [Sc]	1	1	5	3	2	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	20	40	50	40	< 10
Arsenic [As]	10	< 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	10	10	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Osann*

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 - 8961 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14049

PROJECT: AVONDALE

R-1922

ALL RESULTS PPM

L36+00E 7+50N L36+00E 8+00N 36+00E 10+00N 36+00E 10+50N 36+00E 11+00N 36+00E 11+50N

ELEMENT

ELEMENT	L36+00E 7+50N	L36+00E 8+00N	36+00E 10+00N	36+00E 10+50N	36+00E 11+00N	36+00E 11+50N
Aluminum [Al]	15000	22000	11000	34000	24000	27000
Iron [Fe]	44000	49000	28000	29000	35000	27000
Calcium [Ca]	1200	1100	1400	1500	1600	2200
Magnesium [Mg]	2000	1400	1400	3100	2800	3700
Sodium [Na]	120	130	120	140	150	160
Potassium [K]	270	210	360	490	430	830
Titanium [Ti]	2700	3500	1700	2000	3100	1900
Manganese [Mn]	110	110	180	170	170	250
Phosphorus [P]	520	450	450	540	320	530
Barium [Ba]	25	23	46	63	51	77
Chromium [Cr]	40	29	38	29	29	39
Zirconium [Zr]	3	7	< 1	4	4	2
Copper [Cu]	28	26	39	72	50	99
Nickel [Ni]	14	7	14	12	11	18
Lead [Pb]	8	10	9	2	4	3
Zinc [Zn]	25	21	29	35	29	36
Vanadium [V]	230	260	100	90	130	96
Strontium [Sr]	6	5	8	7	9	10
Cobalt [Co]	2	< 1	2	3	4	6
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	2	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	2	3	3	4	6
Scandium [Sc]	2	2	1	4	4	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	40	40	30	50
Arsenic [As]	< 5	10	< 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 : JUN-27-1990

SIGNED :

*Bernie Dunn*

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 - 8961 - 3  
T.S.L. File No. :  
T.S.L. Invoice No. : 14049

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1922

ALL RESULTS PPM

ELEMENT	36+00E 12+00N	36+00E 12+50N	36+00E 13+00N	36+00E 13+50N	36+00E 14+00N	36+00E 14+50N
Aluminum [Al]	29000	30000	19000	23000	36000	24000
Iron [Fe]	31000	61000	41000	35000	34000	32000
Calcium [Ca]	1600	1100	1700	1500	1800	2300
Magnesium [Mg]	3300	4100	3000	4300	3800	2600
Sodium [Na]	150	150	160	160	190	180
Potassium [K]	360	480	520	600	510	300
Titanium [Ti]	3000	5000	3500	3200	3300	3200
Manganese [Mn]	140	210	150	190	180	120
Phosphorus [P]	280	350	810	440	260	280
Barium [Ba]	44	52	58	77	75	53
Chromium [Cr]	32	29	31	37	32	33
Zirconium [Zr]	6	7	4	3	7	3
Copper [Cu]	49	48	28	35	61	34
Nickel [Ni]	13	9	11	15	14	11
Lead [Pb]	3	6	8	5	2	5
Zinc [Zn]	26	36	33	42	35	26
Vanadium [V]	110	160	140	130	130	140
Strontium [Sr]	9	6	9	9	12	12
Cobalt [Co]	3	2	3	4	5	3
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	4	2	3	9	3
Scandium [Sc]	5	5	3	6	7	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	80	50	60	60	50
Arsenic [As]	< 5	25	10	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	10	< 5
Holmium [Ho]	< 10	10	< 10	< 10	< 10	< 10

DATE : JUN-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.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 - 8961 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14049

PROJECT: AVONDALE

R-1922

ALL RESULTS PPM

ELEMENT	36+00E 15+00N	36+00E 15+50N	36+00E 16+00N	36+00E 16+50N	36+00E 17+00N	36+00E 17+50N
Aluminum [Al]	6400	39000	33000	38000	20000	36000
Iron [Fe]	14000	38000	32000	34000	43000	29000
Calcium [Ca]	1900	2200	2100	1900	1500	2800
Magnesium [Mg]	660	3700	3900	3300	2400	3900
Sodium [Na]	80	170	190	180	140	270
Potassium [K]	120	600	490	510	400	540
Titanium [Ti]	3700	2100	2800	2500	4000	2500
Manganese [Mn]	76	210	210	200	87	210
Phosphorus [P]	180	630	270	620	530	500
Barium [Ba]	43	89	64	60	49	60
Chromium [Cr]	39	35	31	52	36	51
Zirconium [Zr]	1	4	5	6	4	6
Copper [Cu]	27	120	63	70	22	99
Nickel [Ni]	15	19	19	18	8	27
Lead [Pb]	8	1	3	2	6	< 1
Zinc [Zn]	19	43	42	33	24	40
Vanadium [V]	130	130	130	120	200	110
Strontium [Sr]	24	22	12	11	9	14
Cobalt [Co]	2	8	8	6	2	7
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	7	7	8	2	4
Scandium [Sc]	2	6	6	6	3	6
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	50	50	50	30	50
Arsenic [As]	5	< 5	< 5	< 5	20	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	15	< 5	< 5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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.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 - 8961 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14049

PROJECT: AVONDALE R-1922

ALL RESULTS PPM

36+00E 18+00N 36+00E 18+50N 36+00E 19+00N 36+00E 19+50N 36+00E 20+00N

ELEMENT

ELEMENT	36+00E 18+00N	36+00E 18+50N	36+00E 19+00N	36+00E 19+50N	36+00E 20+00N
Aluminum [Al]	41000	28000	43000	30000	41000
Iron [Fe]	32000	32000	33000	32000	30000
Calcium [Ca]	2200	2200	2000	2100	2500
Magnesium [Mg]	3700	2900	3200	2500	3600
Sodium [Na]	210	190	190	180	260
Potassium [K]	420	420	460	370	550
Titanium [Ti]	2700	3200	2600	2000	2400
Manganese [Mn]	180	150	150	190	200
Phosphorus [P]	460	280	440	1100	870
Barium [Ba]	62	63	50	42	67
Chromium [Cr]	45	43	41	34	40
Zirconium [Zr]	9	6	6	3	5
Copper [Cu]	76	47	87	57	83
Nickel [Ni]	23	18	17	14	22
Lead [Pb]	< 1	3	< 1	3	< 1
Zinc [Zn]	40	30	30	29	40
Vanadium [V]	110	120	120	120	110
Strontium [Sr]	13	14	11	11	13
Cobalt [Co]	6	6	5	4	7
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]	5	5	5	5	7
Scandium [Sc]	6	5	6	4	6
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	30	50	50	50
Arsenic [As]	5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	10	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Dunn*

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 - 8962 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14050

PROJECT: AVONDALE R-1924

ALL RESULTS PPM

ELEMENT	L40+00E 0+50N	L40+00E 1+00N	L40+00E 1+50N	L40+00E 2+00N	L40+00E 2+50N	L40+00E 3+00N
Aluminum [Al]	23000	55000	29000	13000	41000	17000
Iron [Fe]	21000	41000	36000	17000	45000	29000
Calcium [Ca]	1600	1300	1600	1100	1600	3100
Magnesium [Mg]	2400	2700	2700	1100	2300	3400
Sodium [Na]	140	150	160	140	140	220
Potassium [K]	260	300	270	200	250	250
Titanium [Ti]	930	1900	1900	860	1900	1200
Manganese [Mn]	110	120	110	58	100	140
Phosphorus [P]	170	330	220	170	440	260
Barium [Ba]	48	43	31	30	27	25
Chromium [Cr]	43	58	46	21	55	40
Zirconium [Zr]	2	8	6	< 1	13	1
Copper [Cu]	31	50	33	65	33	27
Nickel [Ni]	21	17	14	9	16	25
Lead [Pb]	6	< 1	7	13	4	10
Zinc [Zn]	31	34	28	32	26	34
Vanadium [V]	89	120	150	88	160	120
Strontium [Sr]	6	5	6	5	5	6
Cobalt [Co]	4	3	3	1	3	5
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	2	< 1	< 1	2	< 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	5	2	1	2	2
Scandium [Sc]	2	6	4	< 1	4	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	30	< 10	30	40
Arsenic [As]	< 5	15	20	10	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
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 : JUN-27-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8962 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14050

PROJECT: AVONDALE

R-1924

ALL RESULTS PPM

L40+00E 3+50N L40+00E 4+00N L40+00E 4+50N L40+00E 5+00N L40+00E 5+50N L40+00E 6+00N

ELEMENT

ELEMENT	L40+00E 3+50N	L40+00E 4+00N	L40+00E 4+50N	L40+00E 5+00N	L40+00E 5+50N	L40+00E 6+00N
Aluminum [Al]	49000	15000	13000	38000	55000	14000
Iron [Fe]	38000	33000	31000	28000	38000	39000
Calcium [Ca]	1200	2700	1300	1900	1400	2400
Magnesium [Mg]	2600	2800	1700	2900	2700	1800
Sodium [Na]	120	100	90	210	160	120
Potassium [K]	240	180	380	250	340	280
Titanium [Ti]	1600	1900	2100	1300	1600	3000
Manganese [Mn]	110	130	170	120	140	140
Phosphorus [P]	440	510	440	320	460	350
Barium [Ba]	27	35	30	34	31	52
Chromium [Cr]	49	41	25	41	56	35
Zirconium [Zr]	8	< 1	1	3	10	2
Copper [Cu]	67	48	16	56	49	17
Nickel [Ni]	15	22	11	18	17	11
Lead [Pb]	2	10	11	2	< 1	9
Zinc [Zn]	35	32	27	35	34	28
Vanadium [V]	130	200	210	97	100	240
Strontium [Sr]	5	9	6	8	6	8
Cobalt [Co]	3	5	3	4	3	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]	4	2	1	2	3	2
Scandium [Sc]	5	2	2	3	6	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	40	50	30	40
Arsenic [As]	< 5	10	5	< 5	< 5	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	< 5	< 5	5	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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.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 - 8962 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14050

PROJECT: AVONDALE R-1924

ALL RESULTS PPM

L40+00E 7+00N L40+00E 7+50N L42+00E 0+50N L42+00E 1+00N L42+00E 1+50N L42+00E 2+00N

ELEMENT

ELEMENT	L40+00E 7+00N	L40+00E 7+50N	L42+00E 0+50N	L42+00E 1+00N	L42+00E 1+50N	L42+00E 2+00N
Aluminum [Al]	14000	16000	49000	13000	25000	50000
Iron [Fe]	34000	51000	36000	20000	37000	41000
Calcium [Ca]	1900	1100	1300	1200	1600	1900
Magnesium [Mg]	2800	2200	3500	1500	3800	2900
Sodium [Na]	180	110	160	120	140	130
Potassium [K]	360	320	470	160	210	290
Titanium [Ti]	2400	3900	1900	1100	1900	1700
Manganese [Mn]	130	95	120	85	160	130
Phosphorus [P]	170	300	680	170	240	1100
Barium [Ba]	29	35	72	28	33	59
Chromium [Cr]	22	38	36	21	40	45
Zirconium [Zr]	1	3	9	2	4	11
Copper [Cu]	14	13	74	15	37	59
Nickel [Ni]	13	10	15	7	23	19
Lead [Pb]	11	9	2	6	7	3
Zinc [Zn]	29	21	27	16	28	33
Vanadium [V]	200	220	120	90	160	120
Strontium [Sr]	6	5	6	5	8	9
Cobalt [Co]	3	2	4	2	5	4
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	2	< 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	2	5	2	2	3
Scandium [Sc]	2	2	7	2	3	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	50	50	< 10	60	50
Arsenic [As]	15	10	< 5	< 5	15	10
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	5	< 5	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Dean*

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 - 8962 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14050

ATTN: J. FOSTER

PROJECT: AVONDALE R-1924

ALL RESULTS PPM

ELEMENT	L42+00E 2+50N	L42+00E 3+00N	L42+00E 3+50N	L42+00E 4+00N	L42+00E 4+50N	L42+00E 5+00N
Aluminum [Al]	48000	27000	21000	24000	35000	30000
Iron [Fe]	29000	24000	32000	25000	38000	30000
Calcium [Ca]	1700	2200	1200	2300	1600	3200
Magnesium [Mg]	3200	2100	3600	3800	1900	4900
Sodium [Na]	170	160	100	200	130	160
Potassium [K]	370	350	420	470	240	660
Titanium [Ti]	1600	1300	2100	1400	1600	1800
Manganese [Mn]	150	150	160	190	85	240
Phosphorus [P]	980	570	200	370	720	390
Barium [Ba]	39	38	49	64	41	75
Chromium [Cr]	42	38	27	42	34	44
Zirconium [Zr]	7	2	3	2	5	2
Copper [Cu]	75	42	30	31	41	76
Nickel [Ni]	18	15	16	25	11	33
Lead [Pb]	< 1	7	10	7	8	6
Zinc [Zn]	28	39	36	37	27	41
Vanadium [V]	88	88	110	80	97	95
Strontium [Sr]	7	9	7	10	7	21
Cobalt [Co]	4	2	4	6	2	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	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	5	2	2	2	3	3
Scandium [Sc]	4	2	3	3	2	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	50	50	30	70
Arsenic [As]	15	5	< 5	10	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	5	10	10	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

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.  
 V&C 2X6  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8962 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14050

PROJECT: AVONDALE

R-1924

ALL RESULTS PPM

L42+00E 5+50N L42+00E 6+00N L42+00E 6+50N

ELEMENT

ELEMENT	L42+00E 5+50N	L42+00E 6+00N	L42+00E 6+50N
Aluminum [Al]	24000	41000	17000
Iron [Fe]	45000	31000	18000
Calcium [Ca]	2400	5000	1600
Magnesium [Mg]	3800	3500	1300
Sodium [Na]	190	210	170
Potassium [K]	490	320	170
Titanium [Ti]	2300	1200	710
Manganese [Mn]	180	270	60
Phosphorus [P]	270	1100	430
Barium [Ba]	35	45	18
Chromium [Cr]	33	47	31
Zirconium [Zr]	5	2	< 1
Copper [Cu]	33	49	69
Nickel [Ni]	20	28	9
Lead [Pb]	13	6	9
Zinc [Zn]	39	38	24
Vanadium [V]	150	100	68
Strontium [Sr]	8	13	4
Cobalt [Co]	5	6	2
Molybdenum [Mo]	< 2	< 2	< 2
Silver [Ag]	< 1	1	2
Cadmium [Cd]	< 1	< 1	< 1
Beryllium [Be]	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5
Yttrium [Y]	2	2	2
Scandium [Sc]	3	3	1
Tungsten [W]	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10
Thorium [Th]	60	50	< 10
Arsenic [As]	15	15	< 5
Bismuth [Bi]	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10
Lithium [Li]	10	5	< 5
Holmium [Ho]	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Ann*

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. : S - 8963 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14051

PROJECT: AVONDALE

R-1925

ALL RESULTS PPM

ELEMENT	L28+00E 0+00	L28+00E 0+50S	L28+00E 1+00S	L28+00E 1+50S	L28+00E 2+00S	L28+00E 2+50S
Aluminum [Al]	17000	13000	14000	36000	33000	32000
Iron [Fe]	52000	54000	48000	40000	41000	46000
Calcium [Ca]	1300	1000	1100	1500	780	2300
Magnesium [Mg]	1700	1200	1600	3500	2300	5000
Sodium [Na]	70	70	70	110	70	100
Potassium [K]	180	130	170	260	160	230
Titanium [Ti]	2800	3600	2900	2000	1600	1200
Manganese [Mn]	87	110	110	200	110	330
Phosphorus [P]	580	600	890	1600	710	490
Barium [Ba]	35	22	20	51	33	140
Chromium [Cr]	31	30	28	33	27	16
Zirconium [Zr]	5	4	4	7	4	5
Copper [Cu]	38	28	50	160	110	47
Nickel [Ni]	10	9	9	20	11	10
Lead [Pb]	11	10	11	4	6	4
Zinc [Zn]	27	28	30	44	41	56
Vanadium [V]	180	240	200	130	110	140
Strontium [Sr]	5	4	5	6	4	14
Cobalt [Co]	2	3	3	7	4	7
Molybdenum [Mo]	4	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]	2	2	2	4	3	2
Scandium [Sc]	2	2	2	4	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	20	30	50	40	90
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]	10	5	10	10	10	20
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

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 - 8963 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14051

PROJECT: AVONDALE

R-1925

ALL RESULTS PPM

ELEMENT	L28+00E 3+00S	L28+00E 3+50S	L28+00E 4+00S	L28+00E 4+50S	L28+00E 5+00S	L28+00E 5+50S
Aluminum [Al]	43000	25000	17000	37000	12000	23000
Iron [Fe]	39000	34000	41000	42000	28000	47000
Calcium [Ca]	1900	1900	1600	2100	2100	1100
Magnesium [Mg]	3100	2800	1800	3400	1600	2200
Sodium [Na]	150	110	100	150	90	80
Potassium [K]	210	200	160	230	300	240
Titanium [Ti]	2100	2000	2500	1900	1400	2300
Manganese [Mn]	260	140	110	170	140	160
Phosphorus [P]	700	510	510	730	400	910
Barium [Ba]	53	72	47	82	46	94
Chromium [Cr]	28	20	23	32	12	40
Zirconium [Zr]	8	3	3	7	1	3
Copper [Cu]	120	67	34	120	59	35
Nickel [Ni]	16	14	12	21	7	17
Lead [Pb]	2	8	6	2	10	7
Zinc [Zn]	40	43	27	39	36	35
Vanadium [V]	140	110	170	130	110	170
Strontium [Sr]	8	9	6	8	9	7
Cobalt [Co]	6	5	3	8	2	3
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	2	6	1	3
Scandium [Sc]	6	3	2	5	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	40	40	50	70	30
Arsenic [As]	10	< 5	< 5	< 5	10	10
Bismuth [Bi]	< 5	< 5	< 5	< 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 : JUN-27-1990

SIGNED :

*Bernie O'Connell*



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 - 8963 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14051

PROJECT: AVONDALE

R-1925

ALL RESULTS PPM

ELEMENT	L28+00E 6+00S	L28+00E 6+50S	L28+00E 7+00S	L28+00E 7+50S	L28+00E 8+00S	L28+00E 8+50S
Aluminum [Al]	22000	37000	45000	21000	30000	44000
Iron [Fe]	40000	48000	36000	36000	39000	34000
Calcium [Ca]	1900	1300	3000	2700	2800	2000
Magnesium [Mg]	2500	3000	4900	3600	4700	4300
Sodium [Na]	100	100	220	160	200	140
Potassium [K]	300	330	900	610	450	580
Titanium [Ti]	2000	2700	2900	3500	3600	2400
Manganese [Mn]	230	200	330	650	910	330
Phosphorus [P]	1200	1900	1100	680	580	810
Barium [Ba]	83	73	160	150	170	170
Chromium [Cr]	35	36	56	41	44	39
Zirconium [Zr]	4	6	6	2	3	6
Copper [Cu]	39	59	84	40	43	74
Nickel [Ni]	18	18	44	28	36	33
Lead [Pb]	8	4	3	11	8	4
Zinc [Zn]	43	44	64	59	78	65
Vanadium [V]	130	150	93	110	110	86
Strontium [Sr]	9	6	18	16	18	15
Cobalt [Co]	7	5	13	15	15	10
Molybdenum [Mo]	2	2	< 2	6	6	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	10	5	< 5	5
Yttrium [Y]	2	3	5	4	5	5
Scandium [Sc]	2	3	4	2	3	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	60	50	60	60
Arsenic [As]	10	< 5	< 5	< 5	5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	15	15	10	15	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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 - 8963 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14051

PROJECT: AVONDALE R-1925

ALL RESULTS PPM

L2B+00E 9+00S L2B+00E 9+50S 2B+00E 10+00S 2B+00E 10+50S 2B+00E 11+00S 2B+00E 11+50S

ELEMENT

ELEMENT	L2B+00E 9+00S	L2B+00E 9+50S	2B+00E 10+00S	2B+00E 10+50S	2B+00E 11+00S	2B+00E 11+50S
Aluminum [Al]	39000	23000	29000	27000	23000	28000
Iron [Fe]	32000	35000	34000	46000	39000	35000
Calcium [Ca]	2500	2100	3500	2300	3900	3800
Magnesium [Mg]	4300	2900	4800	3600	5000	5300
Sodium [Na]	180	140	210	170	240	290
Potassium [K]	570	290	980	390	520	460
Titanium [Ti]	2700	3500	2300	3300	3800	4000
Manganese [Mn]	270	540	580	210	370	330
Phosphorus [P]	530	350	910	770	480	610
Barium [Ba]	130	130	260	88	130	140
Chromium [Cr]	49	36	39	50	43	49
Zirconium [Zr]	5	3	2	5	4	4
Copper [Cu]	83	38	83	34	54	49
Nickel [Ni]	38	20	36	24	30	37
Lead [Pb]	4	9	10	6	7	6
Zinc [Zn]	54	45	61	40	61	57
Vanadium [V]	86	110	99	140	120	100
Strontium [Sr]	16	15	23	12	22	21
Cobalt [Co]	10	15	16	6	12	12
Molybdenum [Mo]	4	8	4	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]	4	6	7	3	2	6
Scandium [Sc]	4	2	3	3	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	40	70	50	70	70
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]	10	10	15	15	15	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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.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 - 8963 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14051

ATTN: J. FOSTER

PROJECT: AVONDALE R-1925

ALL RESULTS PPM

28+00E 12+00S 28+00E 12+50S 28+00E 13+00S 28+00E 13+50S 28+00E 14+00S

ELEMENT

ELEMENT	28+00E 12+00S	28+00E 12+50S	28+00E 13+00S	28+00E 13+50S	28+00E 14+00S
Aluminum [Al]	11000	36000	43000	40000	38000
Iron [Fe]	32000	35000	35000	36000	37000
Calcium [Ca]	2700	1900	2400	1900	2300
Magnesium [Mg]	2300	3900	4100	4000	5100
Sodium [Na]	130	150	140	150	160
Potassium [K]	240	350	370	290	460
Titanium [Ti]	2900	1700	2000	2300	2800
Manganese [Mn]	170	190	220	240	390
Phosphorus [P]	780	1900	490	540	430
Barium [Ba]	60	65	110	66	160
Chromium [Cr]	34	48	48	51	46
Zirconium [Zr]	3	4	5	6	4
Copper [Cu]	17	44	60	42	74
Nickel [Ni]	15	21	26	25	38
Lead [Pb]	6	2	2	1	2
Zinc [Zn]	35	64	42	71	53
Vanadium [V]	130	100	100	100	110
Strontium [Sr]	14	9	14	9	13
Cobalt [Co]	5	8	8	9	16
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]	2	3	5	3	6
Scandium [Sc]	2	4	4	5	5
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	50	60	50	70
Arsenic [As]	< 5	< 5	10	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	10	20	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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

T.S.L. REPORT No. : S - 8964 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14052

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1926

ALL RESULTS PPM

ELEMENT	L30+00E 0+00	L30+00E 0+505	L30+00E 1+005	L30+00E 2+005	L30+00E 2+505	L30+00E 3+005
Aluminum [Al]	15000	20000	26000	36000	22000	16000
Iron [Fe]	54000	51000	50000	33000	42000	38000
Calcium [Ca]	1000	1500	2000	2300	1600	1500
Magnesium [Mg]	1300	3800	3300	3100	2100	1800
Sodium [Na]	60	70	140	140	90	90
Potassium [K]	120	240	350	390	150	200
Titanium [Ti]	3700	2000	3100	2000	1500	2200
Manganese [Mn]	63	180	170	170	100	140
Phosphorus [P]	360	410	370	640	430	530
Barium [Ba]	42	54	67	79	53	52
Chromium [Cr]	40	39	43	42	26	27
Zirconium [Zr]	6	3	5	6	3	2
Copper [Cu]	17	23	49	73	40	25
Nickel [Ni]	8	15	20	20	13	13
Lead [Pb]	11	6	7	4	7	9
Zinc [Zn]	22	34	39	34	37	32
Vanadium [V]	210	200	170	110	180	180
Strontium [Sr]	7	12	9	9	7	7
Cobalt [Co]	2	7	6	6	4	4
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]	2	2	3	5	3	3
Scandium [Sc]	2	2	3	5	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	50	50	40	40	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	10	10	10	5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Aune*

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 - 8964 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14052

ATTN: J. FOSTER

PROJECT: AVONDALE R-1926

ALL RESULTS PPM

ELEMENT	L30+00E 3+50S	L30+00E 4+00S	L30+00E 4+50S	L30+00E 5+00S	L30+00E 5+50S	L30+00E 6+00S
Aluminum [Al]	17000	20000	18000	30000	9300	14000
Iron [Fe]	34000	37000	44000	35000	35000	36000
Calcium [Ca]	1200	2300	1500	2100	1200	1600
Magnesium [Mg]	1800	3300	1700	2600	1700	1700
Sodium [Na]	80	130	100	130	90	110
Potassium [K]	150	250	160	260	130	170
Titanium [Ti]	1700	2200	2400	2000	2500	1800
Manganese [Mn]	92	150	77	120	76	87
Phosphorus [P]	330	400	500	570	260	300
Barium [Ba]	33	70	27	48	21	36
Chromium [Cr]	26	35	41	41	36	38
Zirconium [Zr]	2	3	4	4	2	3
Copper [Cu]	35	47	21	52	9	22
Nickel [Ni]	11	23	12	18	13	16
Lead [Pb]	8	6	8	6	7	8
Zinc [Zn]	22	34	26	32	20	28
Vanadium [V]	160	160	210	130	210	180
Strontium [Sr]	5	10	6	8	5	7
Cobalt [Co]	4	7	3	4	3	3
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]	3	3	2	2	1	2
Scandium [Sc]	2	3	3	3	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	50	30	30	20	20
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	10	5	5	< 5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Oum*

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 - 8964 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14052

ATTN: J. FOSTER

PROJECT: AVONDALE R-1926

ALL RESULTS PPM

L30+00E 6+50S L30+00E 7+00S L30+00E 7+50S L30+00E 8+00S L30+00E 8+50S L30+00E 9+00S

ELEMENT

ELEMENT	L30+00E 6+50S	L30+00E 7+00S	L30+00E 7+50S	L30+00E 8+00S	L30+00E 8+50S	L30+00E 9+00S
Aluminum [Al]	24000	25000	29000	44000	54000	21000
Iron [Fe]	43000	38000	40000	31000	30000	36000
Calcium [Ca]	1900	1700	1800	2500	2100	2400
Magnesium [Mg]	2400	2100	1900	3000	3300	2700
Sodium [Na]	130	120	120	190	200	160
Potassium [K]	190	170	190	190	190	180
Titanium [Ti]	1900	1700	1800	1500	1600	1700
Manganese [Mn]	120	97	110	150	180	310
Phosphorus [P]	520	410	820	620	600	490
Barium [Ba]	35	39	39	82	87	77
Chromium [Cr]	39	27	33	54	54	35
Zirconium [Zr]	5	4	5	5	7	2
Copper [Cu]	36	37	42	94	140	41
Nickel [Ni]	16	13	12	29	30	21
Lead [Pb]	10	5	6	< 1	< 1	5
Zinc [Zn]	32	25	32	41	39	37
Vanadium [V]	170	160	160	110	110	160
Strontium [Sr]	7	6	6	10	9	9
Cobalt [Co]	4	4	3	7	9	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	< 1	< 1	< 1	< 1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	2	2	3	3	6	4
Scandium [Sc]	3	3	3	4	6	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	40	30	40	30
Arsenic [As]	< 5	15	< 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	10	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

SIGNED :

*Bernie Ounn*

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 - 8964 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14052

PROJECT: AVONDALE R-1926

ALL RESULTS PPM

ELEMENT	L30+00E 9+50S	30+00E 10+00S	30+00E 10+50S	30+00E 11+00S	30+00E 11+50S	30+00E 12+00S
Aluminum [Al]	47000	24000	15000	24000	43000	42000
Iron [Fe]	33000	28000	25000	39000	31000	35000
Calcium [Ca]	2000	2600	2500	3100	2000	2200
Magnesium [Mg]	3200	3100	3700	3500	3800	4800
Sodium [Na]	150	130	140	140	160	180
Potassium [K]	210	470	380	470	300	460
Titanium [Ti]	1600	1100	1900	3300	2100	2700
Manganese [Mn]	180	500	230	270	210	290
Phosphorus [P]	660	660	490	870	900	1200
Barium [Ba]	66	120	110	130	100	140
Chromium [Cr]	48	87	40	40	55	61
Zirconium [Zr]	6	2	2	4	6	7
Copper [Cu]	110	45	29	33	96	100
Nickel [Ni]	26	43	27	22	35	44
Lead [Pb]	< 1	8	9	10	2	4
Zinc [Zn]	36	47	40	51	47	64
Vanadium [V]	110	83	84	120	97	96
Strontium [Sr]	8	16	13	18	10	14
Cobalt [Co]	8	10	8	7	8	10
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	4	2	2	6	4
Scandium [Sc]	4	2	2	2	5	5
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	30	50	50	40	60
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]	10	10	5	10	10	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUN-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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8964 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14052

PROJECT: AVONDALE R-1926

ALL RESULTS PPM

30+00E 12+50S 30+00E 13+00S 30+00E 13+50S 30+00E 14+00S

ELEMENT	30+00E 12+50S	30+00E 13+00S	30+00E 13+50S	30+00E 14+00S
Aluminum [Al]	17000	12000	21000	26000
Iron [Fe]	36000	38000	34000	38000
Calcium [Ca]	1700	1100	2300	1700
Magnesium [Mg]	2300	2500	3600	3200
Sodium [Na]	150	100	180	150
Potassium [K]	220	230	250	250
Titanium [Ti]	3100	3300	2700	3600
Manganese [Mn]	260	190	180	160
Phosphorus [P]	640	680	580	1200
Barium [Ba]	64	47	67	54
Chromium [Cr]	47	32	47	54
Zirconium [Zr]	5	3	5	7
Copper [Cu]	23	10	44	29
Nickel [Ni]	18	14	24	20
Lead [Pb]	7	9	5	7
Zinc [Zn]	41	30	41	36
Vanadium [V]	98	170	110	130
Strontium [Sr]	12	6	12	10
Cobalt [Co]	4	3	6	5
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]	2	1	2	2
Scandium [Sc]	2	2	3	3
Tungsten [W]	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10
Thorium [Th]	30	30	50	40
Arsenic [As]	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10

DATE : JUN-27-1990

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.F. 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 - B984 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14130

PROJECT: AVONDALE R-1920 ALL RESULTS PPM

L24+00E 0+00 L24+00E 1+005 L24+00E 1+505 L24+00E 2+005 L24+00E 2+505 L24+00E 3+005

ELEMENT

ELEMENT	L24+00E 0+00	L24+00E 1+005	L24+00E 1+505	L24+00E 2+005	L24+00E 2+505	L24+00E 3+005
Aluminum [Al]	32000	54000	32000	32000	36000	25000
Iron [Fe]	35000	30000	39000	47000	45000	52000
Calcium [Ca]	1900	900	1600	1500	6500	2500
Magnesium [Mg]	4400	2600	5200	4200	6700	4300
Sodium [Na]	150	90	160	130	510	230
Potassium [K]	300	250	460	370	2000	460
Titanium [Ti]	1100	1500	4000	2700	4100	4100
Manganese [Mn]	310	140	280	200	630	250
Phosphorus [P]	350	830	220	640	900	1600
Barium [Ba]	120	49	120	87	310	96
Chromium [Cr]	53	47	44	57	47	52
Zirconium [Zr]	3	6	7	5	5	7
Copper [Cu]	95	67	55	46	93	29
Nickel [Ni]	36	16	36	28	45	28
Lead [Pb]	5	3	5	5	5	7
Zinc [Zn]	53	50	56	54	88	62
Vanadium [V]	110	93	100	140	93	160
Strontium [Sr]	9	5	10	8	24	15
Cobalt [Co]	16	4	9	7	22	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	< 1	< 1	< 1	1	< 1
Boron [B]	< 10	< 10	< 10	< 10	< 10	< 10
Antimony [Sb]	5	< 5	< 5	< 5	10	< 5
Yttrium [Y]	5	5	6	4	5	2
Scandium [Sc]	3	4	4	4	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	120	30
Thorium [Th]	60	40	80	60	110	70
Arsenic [As]	< 5	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	15	5
Tin [Sn]	< 10	< 10	< 10	< 10	10	10
Lithium [Li]	10	5	15	10	25	10
Holmium [Ho]	< 10	< 10	< 10	< 10	80	40

DATE : JUL-05-1990

SIGNED :

*Dennis Pilejinski*

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 - 8984 - 2  
T.S.L. File No. :  
T.S.L. Invoice No. : 14130

ATTN: J. FOSTER

PROJECT: AVONDALE R-1920

ALL RESULTS PPM

ELEMENT	L24+00E 3+50S	L24+00E 4+00S	L24+00E 4+50S	L24+00E 5+00S	L24+00E 5+50S	L24+00E 6+00S
Aluminum [Al]	13000	39000	27000	24000	25000	24000
Iron [Fe]	32000	37000	39000	32000	37000	33000
Calcium [Ca]	3200	2700	1900	4000	2300	3000
Magnesium [Mg]	3900	5600	4600	5500	4300	4800
Sodium [Na]	270	280	170	300	160	180
Potassium [K]	530	630	500	640	470	500
Titanium [Ti]	4000	2100	2900	2900	3900	2900
Manganese [Mn]	190	250	220	530	310	750
Phosphorus [P]	1100	2000	940	400	380	360
Barium [Ba]	84	100	74	160	130	260
Chromium [Cr]	50	95	58	75	56	48
Zirconium [Zr]	4	4	5	4	6	4
Copper [Cu]	21	65	46	41	33	41
Nickel [Ni]	27	54	31	47	29	34
Lead [Pb]	7	3	5	4	7	5
Zinc [Zn]	46	63	59	75	61	57
Vanadium [V]	100	96	100	93	99	92
Strontium [Sr]	20	14	11	29	18	22
Cobalt [Co]	6	12	8	39	10	45
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	4	3	8	3	5
Scandium [Sc]	2	4	3	2	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	70	60	60	50	60
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	15	15	20	15	15
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis 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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 8984 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14130

PROJECT: AVONDALE R-1920 ALL RESULTS PPM

ELEMENT	L24+00E 6+50S	L24+00E 7+00S	L24+00E 7+50S	L24+00E 8+00S	L24+00E 8+50S	L24+00E 9+00S
Aluminum [Al]	18000	42000	29000	24000	24000	19000
Iron [Fe]	41000	35000	43000	33000	24000	30000
Calcium [Ca]	1700	1500	1600	1800	2900	3500
Magnesium [Mg]	3200	4500	3800	3800	4300	4100
Sodium [Na]	110	140	130	130	150	140
Potassium [K]	350	340	280	610	530	400
Titanium [Ti]	3500	2500	3000	2800	2600	2100
Manganese [Mn]	150	250	150	200	440	360
Phosphorus [P]	470	770	640	450	220	290
Barium [Ba]	74	92	82	91	270	190
Chromium [Cr]	37	55	66	47	33	41
Zirconium [Zr]	4	7	6	3	3	2
Copper [Cu]	22	71	47	29	32	32
Nickel [Ni]	16	33	29	22	25	26
Lead [Pb]	7	2	4	7	8	8
Zinc [Zn]	33	65	36	50	67	61
Vanadium [V]	150	98	160	110	83	99
Strontium [Sr]	12	8	9	10	21	23
Cobalt [Co]	6	9	5	6	16	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]	2	5	3	2	5	4
Scandium [Sc]	2	6	4	4	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	60	50	50	60	50
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]	10	15	15	10	15	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Piljish*

T S L LABORATORIES

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

I.C.A.P. PLASMA SCAN

Acqua-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : S - 8984 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14130

ATTN: J. FOSTER

PROJECT: AVONDALE R-1920

ALL RESULTS PPM

ELEMENT	L0+00 0+50N	L0+00 1+00N	L0+00 1+50N	L0+00 2+00N	L2+00E 0+50N	L2+00E 1+00N
Aluminum [Al]	15000	18000	24000	14000	27000	24000
Iron [Fe]	38000	32000	30000	47000	35000	36000
Calcium [Ca]	2800	6100	3600	4200	3800	5500
Magnesium [Mg]	3400	3900	4600	3300	4000	4500
Sodium [Na]	100	90	100	120	120	120
Potassium [K]	490	360	350	300	290	410
Titanium [Ti]	2900	1400	950	4000	2200	1000
Manganese [Mn]	440	1100	2400	450	1300	1500
Phosphorus [P]	470	620	660	530	370	530
Barium [Ba]	150	230	190	160	210	290
Chromium [Cr]	47	36	63	41	43	61
Zirconium [Zr]	3	2	2	3	4	1
Copper [Cu]	31	42	82	21	62	74
Nickel [Ni]	23	22	46	20	30	39
Lead [Pb]	12	10	12	15	10	12
Zinc [Zn]	62	64	79	65	97	100
Vanadium [V]	120	84	82	160	110	120
Strontium [Sr]	17	30	19	22	22	32
Cobalt [Co]	9	14	27	7	23	21
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]	3	10	13	3	8	14
Scandium [Sc]	2	2	2	2	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	50	50	40	50	60
Arsenic [As]	< 5	< 5	< 5	5	15	15
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	15	5	20	20
Holmium [Ho]	< 10	< 10	< 10	20	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Pilipich*

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. : 8 - 8984 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14130

PROJECT: AVONDALE R-1920

ALL RESULTS PPM

L2+00E 1+50N L2+00E 2+00N

ELEMENT

ELEMENT	L2+00E 1+50N	L2+00E 2+00N
Aluminum [Al]	22000	33000
Iron [Fe]	33000	40000
Calcium [Ca]	3900	1700
Magnesium [Mg]	4000	5000
Sodium [Na]	130	110
Potassium [K]	420	480
Titanium [Ti]	1800	3000
Manganese [Mn]	1400	450
Phosphorus [P]	340	280
Barium [Ba]	250	150
Chromium [Cr]	36	55
Zirconium [Zr]	2	6
Copper [Cu]	74	68
Nickel [Ni]	28	40
Lead [Pb]	12	7
Zinc [Zn]	81	97
Vanadium [V]	100	110
Strontium [Sr]	25	10
Cobalt [Co]	25	12
Molybdenum [Mo]	< 2	< 2
Silver [Ag]	< 1	< 1
Cadmium [Cd]	< 1	< 1
Beryllium [Be]	< 1	< 1
Boron [B]	< 10	< 10
Antimony [Sb]	5	< 5
Yttrium [Y]	15	4
Scandium [Sc]	3	4
Tungsten [W]	< 10	< 10
Niobium [Nb]	< 10	< 10
Thorium [Th]	60	70
Arsenic [As]	< 5	5
Bismuth [Bi]	< 5	< 5
Tin [Sn]	< 10	10
Lithium [Li]	15	20
Holmium [Ho]	< 10	10

DATE : JUL-05-1990

SIGNED : Dennis Pilipuk

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 - 9003 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

PROJECT: AVONDALE R-1923

ALL RESULTS PPM

ELEMENT	L22+00E 0+00	L22+00E 1+00S	L22+00E 1+50S	L22+00E 2+00S	L22+00E 2+50S	L22+00E 3+00S
Aluminum [Al]	23000	28000	39000	15000	17000	34000
Iron [Fe]	42000	43000	43000	34000	18000	40000
Calcium [Ca]	1400	1700	1800	2100	3400	2300
Magnesium [Mg]	2500	4900	4500	3700	4000	4300
Sodium [Na]	100	140	140	120	150	160
Potassium [K]	140	600	680	320	380	520
Titanium [Ti]	3300	3300	3600	3700	2500	3700
Manganese [Mn]	83	200	210	140	160	180
Phosphorus [P]	510	540	650	280	230	360
Barium [Ba]	29	78	84	60	120	91
Chromium [Cr]	42	57	71	38	44	56
Zirconium [Zr]	5	5	8	4	2	7
Copper [Cu]	22	49	53	17	33	38
Nickel [Ni]	13	35	32	20	25	25
Lead [Pb]	< 1	< 1	< 1	4	5	< 1
Zinc [Zn]	27	39	40	30	35	35
Vanadium [V]	140	150	140	170	81	140
Strontium [Sr]	7	12	9	12	19	12
Cobalt [Co]	2	8	7	5	5	6
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	3	6	2	5	5
Scandium [Sc]	3	5	8	3	3	6
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	70	60	50	50	60
Arsenic [As]	< 5	< 5	< 5	10	< 5	< 5
Bismuth [Bi]	< 5	< 5	5	10	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	10	< 5	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Pilzick*

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. : 9 - 9003 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1923

ALL RESULTS PPM

ELEMENT	L22+00E 3+50S	L22+00E 4+00S	L22+00E 4+50S	L22+00E 5+00S	L22+00E 5+50S	L22+00E 6+00S
Aluminum [Al]	17000	6800	10000	35000	11000	15000
Iron [Fe]	32000	21000	28000	34000	18000	35000
Calcium [Ca]	3000	1900	3200	2500	2200	1500
Magnesium [Mg]	2200	1400	2100	4700	2400	2300
Sodium [Na]	100	100	110	190	130	100
Potassium [K]	250	170	190	520	240	240
Titanium [Ti]	2800	2400	3200	2900	3000	3700
Manganese [Mn]	130	100	100	240	160	120
Phosphorus [P]	490	170	290	440	220	540
Barium [Ba]	66	53	98	130	110	50
Chromium [Cr]	37	23	38	50	25	33
Zirconium [Zr]	4	1	2	5	2	4
Copper [Cu]	18	10	12	63	17	22
Nickel [Ni]	10	5	12	34	13	13
Lead [Pb]	4	6	6	3	10	5
Zinc [Zn]	28	18	25	59	22	26
Vanadium [V]	130	140	140	120	110	160
Strontium [Sr]	14	10	19	13	14	10
Cobalt [Co]	3	2	3	11	4	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]	2	2	2	5	3	2
Scandium [Sc]	3	1	2	5	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	20	30	60	30	30
Arsenic [As]	< 5	5	10	< 5	< 5	5
Bismuth [Bi]	< 5	< 5	< 5	10	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	15	< 5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Peljick*

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 - 9003 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1923

ALL RESULTS PPM

ELEMENT	L22+00E 6+50S	L22+00E 7+00S	L22+00E 7+50S	L22+00E 8+00S	L22+00E 8+50S	L22+00E 9+00S
Aluminum [Al]	36000	26000	35000	28000	16000	25000
Iron [Fe]	38000	36000	37000	46000	42000	30000
Calcium [Ca]	1600	2000	2200	4500	3600	2000
Magnesium [Mg]	3300	5000	5000	6700	5600	3400
Sodium [Na]	130	150	170	290	110	150
Potassium [K]	320	540	530	870	380	290
Titanium [Ti]	2900	3600	3000	3700	7700	2800
Manganese [Mn]	170	340	250	490	330	200
Phosphorus [P]	1100	500	350	1200	480	810
Barium [Ba]	79	110	130	63	55	65
Chromium [Cr]	44	49	57	150	140	40
Zirconium [Zr]	8	6	5	11	10	5
Copper [Cu]	51	76	90	15	14	62
Nickel [Ni]	18	34	40	97	62	20
Lead [Pb]	< 1	1	< 1	< 1	2	< 1
Zinc [Zn]	64	51	44	95	57	40
Vanadium [V]	110	120	140	120	110	110
Strontium [Sr]	10	13	11	48	48	12
Cobalt [Co]	5	9	10	21	22	6
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 <sub>L</sub> ]	3	5	4	4	3	3
Scandium [Sc]	4	5	6	1	< 1	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	10	< 10	< 10
Thorium [Th]	40	70	70	80	60	50
Arsenic [As]	< 5	< 5	< 5	< 5	5	< 5
Bismuth [Bi]	< 5	< 5	5	35	100	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	10	< 10
Lithium [Li]	10	15	10	10	< 5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	20	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Pilviak*



T S L LABORATORIES

2-302-48TH STREET, BASKATOON, 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 - 9003 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

ATTN: J. FOSTER

PROJECT: AVONDALE R-1923

ALL RESULTS PPM

ELEMENT	L34+00E	L34+00E	L34+00E	L34+00E	L34+00E	L34+00E
	0+50N	1+00N	1+50N	2+00N	2+50N	3+00N
Aluminum [Al]	21000	23000	17000	28000	7100	19000
Iron [Fe]	22000	36000	37000	38000	18000	45000
Calcium [Ca]	2500	2300	2500	1900	1600	2000
Magnesium [Mg]	4000	3000	3600	2700	1500	3300
Sodium [Na]	210	180	130	180	100	160
Potassium [K]	470	330	210	240	150	350
Titanium [Ti]	1700	2800	2700	2500	2500	3700
Manganese [Mn]	170	130	140	99	81	140
Phosphorus [P]	380	1000	240	520	140	400
Barium [Ba]	64	41	38	46	21	33
Chromium [Cr]	51	42	55	49	30	50
Zirconium [Zr]	2	3	3	5	2	5
Copper [Cu]	59	36	27	35	10	32
Nickel [Ni]	30	18	29	18	11	16
Lead [Pb]	4	< 1	6	< 1	5	3
Zinc [Zn]	44	31	36	35	20	31
Vanadium [V]	71	140	160	160	120	210
Strontium [Sr]	12	10	12	9	6	10
Cobalt [Co]	6	4	5	3	2	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]	3	2	2	2	1	2
Scandium [Sc]	3	3	2	3	1	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	50	50	40	30	50
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]	10	5	5	< 5	< 5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Piljsh*

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 - 9003 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

ATTN: J. FOSTER

PROJECT: AVONDALE R-1923

ALL RESULTS PPM

ELEMENT	L34+00E 3+50N	L34+00E 4+00N	L34+00E 4+50N	L34+00E 5+00N	L34+00E 5+50N	L34+00E 6+00N
Aluminum [Al]	9000	39000	7300	6300	21000	14000
Iron [Fe]	20000	30000	43000	26000	27000	20000
Calcium [Ca]	2200	1700	840	1000	1600	1800
Magnesium [Mg]	2500	2500	760	1200	2800	2800
Sodium [Na]	140	180	60	70	130	140
Potassium [K]	290	350	230	210	360	460
Titanium [Ti]	2700	1600	2500	2600	2200	1600
Manganese [Mn]	100	99	51	80	110	110
Phosphorus [P]	210	490	190	190	390	510
Barium [Ba]	21	46	17	16	44	40
Chromium [Cr]	29	45	31	26	28	54
Zirconium [Zr]	2	5	2	2	2	1
Copper [Cu]	18	110	7	5	61	31
Nickel [Ni]	13	19	7	7	13	24
Lead [Pb]	5	4	7	7	3	6
Zinc [Zn]	25	33	18	16	29	50
Vanadium [V]	130	98	200	170	100	84
Strontium [Sr]	10	8	5	6	8	8
Cobalt [Co]	4	4	< 1	1	3	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]	2	4	1	1	3	2
Scandium [Sc]	2	3	< 1	1	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	40	60	50	40
Arsenic [As]	< 5	< 5	20	10	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	< 5	< 5	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Pilgial*

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 - 9003 - 6  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

ATTN: J. FOSTER

PROJECT: AVONDALE R-1923

ALL RESULTS PPM

ELEMENT	L34+00E 6+50N	L3B+00E 0+50N	L3B+00E 1+00N	L3B+00E 1+50N	L3B+00E 2+00N	L3B+00E 2+50N
Aluminum [Al]	4100	11000	41000	49000	25000	17000
Iron [Fe]	10000	17000	26000	38000	40000	47000
Calcium [Ca]	940	2000	1400	1400	1400	1300
Magnesium [Mg]	660	2800	2800	2700	2900	2200
Sodium [Na]	70	120	130	130	90	130
Potassium [K]	170	200	200	260	270	180
Titanium [Ti]	1600	1300	1200	1700	1600	3600
Manganese [Mn]	67	91	100	97	130	88
Phosphorus [P]	150	180	330	610	460	370
Barium [Ba]	18	37	33	38	51	26
Chromium [Cr]	28	36	46	65	41	58
Zirconium [Zr]	< 1	1	4	12	3	5
Copper [Cu]	6	12	41	49	34	20
Nickel [Ni]	10	23	21	22	23	16
Lead [Pb]	8	5	2	< 1	3	1
Zinc [Zn]	19	23	33	32	42	19
Vanadium [V]	78	86	89	120	120	230
Strontium [Sr]	6	8	6	6	8	5
Cobalt [Co]	2	4	4	4	5	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]	< 1	1	3	3	4	2
Scandium [Sc]	1	1	3	5	2	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	40	40	40	50	40
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	10	10	10	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Piljriak*

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 - 9003 - 7  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

ATTN: J. FOSTER

PROJECT: AVONDALE R-1923

ALL RESULTS PPM

ELEMENT	L38+00E	L38+00E	L38+00E	L38+00E	L38+00E	L38+00E
	3+00N	3+50N	4+00N	4+50N	5+00N	5+50N
Aluminum [Al]	16000	21000	8700	19000	24000	24000
Iron [Fe]	28000	32000	19000	40000	44000	54000
Calcium [Ca]	580	2300	2000	1400	3100	1900
Magnesium [Mg]	1000	4000	1700	1900	2200	3000
Sodium [Na]	70	160	120	100	120	140
Potassium [K]	290	400	510	330	240	380
Titanium [Ti]	1800	1900	1500	2800	3300	3300
Manganese [Mn]	66	170	83	130	95	140
Phosphorus [P]	320	360	440	550	510	500
Barium [Ba]	43	42	25	30	42	44
Chromium [Cr]	34	54	49	46	46	70
Zirconium [Zr]	2	3	< 1	4	6	6
Copper [Cu]	20	28	17	20	24	29
Nickel [Ni]	12	33	23	14	15	21
Lead [Pb]	6	4	11	13	3	2
Zinc [Zn]	18	38	29	28	23	30
Vanadium [V]	120	120	91	160	190	160
Strontium [Sr]	5	9	7	7	10	9
Cobalt [Co]	2	7	3	2	3	4
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]	< 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	3	2	2	3	3
Scandium [Sc]	2	3	< 1	2	3	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	50	60	30	40	40
Arsenic [As]	< 5	10	10	25	10	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	< 5	< 5	5	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Pilipich*

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 - 9003 - 8  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14118

ATTN: J. FOSTER

PROJECT: AVONDALE R-1923

ALL RESULTS PPM

ELEMENT	L38+00E	L38+00E	L38+00E	L38+00E	L38+00E
	6+00N	6+50N	7+00N	7+50N	8+00N
Aluminum [Al]	11000	17000	10000	14000	18000
Iron [Fe]	9200	22000	18000	51000	23000
Calcium [Ca]	1700	2100	900	1200	1700
Magnesium [Mg]	1300	3300	1400	1900	2900
Sodium [Na]	80	120	70	110	140
Potassium [K]	230	350	230	300	320
Titanium [Ti]	650	1600	2400	3700	2300
Manganese [Mn]	56	110	64	100	120
Phosphorus [P]	230	170	150	420	180
Barium [Ba]	45	36	26	26	33
Chromium [Cr]	39	45	23	49	31
Zirconium [Zr]	< 1	2	2	6	3
Copper [Cu]	14	15	8	12	26
Nickel [Ni]	15	28	8	11	14
Lead [Pb]	8	9	7	5	5
Zinc [Zn]	27	25	14	24	23
Vanadium [V]	58	100	120	200	110
Strontium [Sr]	9	9	7	6	10
Cobalt [Co]	2	4	2	2	3
Molybdenum [Mo]	< 2	2	< 2	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]	1	2	2	2	3
Scandium [Sc]	1	2	2	2	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	40	< 10	30	50
Arsenic [As]	< 5	< 5	10	10	5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	5	< 5	< 5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10

DATE : JUL-05-1990

SIGNED :

*Dennis Pilipiak*

T S L LABORATORIES

2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7N 5A4  
 TELEPHONE #: (306) 931-1033  
 FAX #: (306) 742-4717

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 - 9036 - 1  
 T.S.L. File No.:  
 T.S.L. Invoice No.: 14199

PROJECT: AVONDALE-HALL R-1938 ALL RESULTS PPM

ELEMENT	LL- 26	LL- 27	LL- 28	LL- 29	LL- 30	LL- 31	LL- 32	LL- 33	LL- 34	LL- 35
Aluminum [Al]	16000	6100	11000	9200	5700	38000	31000	28000	16000	13000
Iron [Fe]	26000	35000	54000	46000	32000	47000	54000	75000	74000	59000
Calcium [Ca]	9000	4000	2700	5000	1700	22000	9300	2200	1800	7700
Magnesium [Mg]	3000	2800	3800	3300	2000	5300	5700	5600	4000	3100
Sodium [Na]	850	430	360	390	170	90	90	90	70	240
Potassium [K]	1200	1600	1600	1100	450	240	280	380	230	350
Titanium [Ti]	670	910	1200	1000	400	3000	1700	1200	1100	1000
Manganese [Mn]	100	310	400	560	220	380	480	320	200	240
Phosphorus [P]	260	830	750	690	230	800	790	600	410	1900
Barium [Ba]	28	57	41	35	25	38	40	26	20	21
Chromium [Cr]	51	24	28	40	54	22	16	25	35	24
Zirconium [Zr]	2	4	7	5	1	12	12	11	9	6
Copper [Cu]	260	250	250	1100	420	240	190	1300	1200	510
Nickel [Ni]	89	16	10	12	10	23	22	20	17	8
Lead [Pb]	< 1	3	< 1	2	5	24	< 1	2	4	3
Zinc [Zn]	23	24	27	36	24	110	72	74	53	48
Vanadium [V]	21	60	57	53	24	160	200	220	300	110
Strontium [Sr]	22	8	7	18	10	140	100	16	15	36
Cobalt [Co]	33	23	78	17	27	21	18	37	30	16
Molybdenum [Mo]	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	2	4	4	6	3	12	13	8	6	19
Scandium [Sc]	< 1	4	7	4	2	12	12	13	8	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]	30	40	60	50	30	90	100	100	70	60
Arsenic [As]	< 5	< 5	< 5	10	10	< 5	< 5	15	25	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	20	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	< 5	< 5	5	< 5	10	10	10	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-12-1990

SIGNED :

*Bernie Anna*

T S L LABORATORIES

2-302-48TH STREET, BASKATOOK, BASKATCHEWAN S7K 6A4  
 TELEPHONE #: (306) 531-1033  
 FAX #: (306) 242-4717

I.C.A.P. PLASMA SCAN

Acid-Regia Digestion

PRIME EXPLORATION LTD.  
 10TH FLOOR, BOX 10-808 WEST HASTINGS ST.  
 VANCOUVER, B.C.  
 V6C 2X6

T.S.L. REPORT No. : S - 9036 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14199

ATTN: J. FOSTER

PROJECT: AVONDALE-HALL

R-1938

ALL RESULTS PPM

ELEMENT	LL- 36	LL- 37	LL- 38	LL- 39	LL- 41	LL- 42	LL- 43	LL- 44	LL- 45	LL- 46
Aluminum [Al]	12000	9500	16000	18000	22000	27000	43000	19000	21000	13000
Iron [Fe]	60000	41000	79000	36000	44000	41000	49000	54000	34000	23000
Calcium [Ca]	7000	11000	3600	9900	5200	4400	2600	3400	1900	460
Magnesium [Mg]	2900	1800	3300	2800	5300	6900	7300	4600	5700	4700
Sodium [Na]	320	220	210	1700	140	140	80	210	130	80
Potassium [K]	760	460	440	470	610	3100	350	540	660	900
Titanium [Ti]	1400	1200	1300	1500	2000	2000	1400	1000	640	370
Manganese [Mn]	230	130	220	130	560	720	870	410	560	290
Phosphorus [P]	1300	930	620	490	920	900	850	240	660	130
Barium [Ba]	24	20	46	170	54	29	97	51	52	270
Chromium [Cr]	28	42	29	45	28	47	99	26	35	33
Zirconium [Zr]	4	3	6	2	6	4	4	5	2	< 1
Copper [Cu]	460	470	540	210	150	86	61	100	78	35
Nickel [Ni]	14	9	13	17	13	34	33	10	10	16
Lead [Pb]	4	2	5	< 1	2	< 1	< 1	6	1	3
Zinc [Zn]	47	26	50	29	69	69	78	34	49	49
Vanadium [V]	96	63	170	130	78	120	120	60	53	24
Strontium [Sr]	24	16	9	37	46	40	14	29	9	6
Cobalt [Co]	21	33	92	21	27	25	25	9	10	2
Molybdenum [Mo]	< 2	< 2	14	4	4	< 2	< 2	10	< 2	< 2
Silver [Ag]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Cadmium [Cd]	< 1	< 1	< 1	< 1	< 1	< 1	< 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]	10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Yttrium [Y]	15	15	9	7	4	3	3	2	4	2
Scandium [Sc]	5	3	6	2	3	2	4	2	3	2
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]	60	30	70	40	90	110	110	70	90	70
Arsenic [As]	40	< 5	15	< 5	< 5	< 5	< 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	10	< 5	20	10	20	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-12-1990

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. : E - 9036 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14199

ATTN: J. FOSTER

PROJECT: AVONDALE-HALL

R-1932

ALL RESULTS PPM

ELEMENT	LL- 47	LL- 48	LL- 49	LL- 50	LL- 51	LL- 52
Aluminum [Al]	11000	13000	7800	19000	13000	5000
Iron [Fe]	15000	35000	38000	32000	21000	22000
Calcium [Ca]	7600	5500	920	1100	1100	540
Magnesium [Mg]	3800	3900	2300	5600	4300	1400
Sodium [Na]	140	450	330	210	170	150
Potassium [K]	240	3200	410	450	490	620
Titanium [Ti]	1800	1700	100	51	23	38
Manganese [Mn]	180	190	190	820	860	130
Phosphorus [P]	680	1900	590	340	260	880
Barium [Ba]	30	250	53	53	54	64
Chromium [Cr]	40	19	14	93	52	34
Zirconium [Zr]	3	3	1	3	1	1
Copper [Cu]	43	51	46	44	21	19
Nickel [Ni]	11	1	2	21	10	3
Lead [Pb]	< 1	3	150	25	8	40
Zinc [Zn]	21	25	260	110	91	76
Vanadium [V]	50	26	13	45	21	8
Strontium [Sr]	88	42	10	5	4	8
Cobalt [Co]	7	1	2	13	7	2
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]	4	9	2	3	3	2
Scandium [Sc]	2	2	1	5	2	< 1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	60	50	70	50	40
Arsenic [As]	< 5	< 5	15	< 5	< 5	110
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	< 5	10	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-12-1990

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  
 ATTN: J. FOSTER

(Hall)

PROJECT: AVONDALE R-1942

T.S.L. REPORT No. : E - 9078 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14226

ALL RESULTS PPM

ELEMENT	L26 0+50 N	L26 1+00 N	L26 1+50 N	L26 2+00 N	L26 2+50 N	L26 3+00 N
Aluminum [Al]	6600	16000	13000	26000	15000	18000
Iron [Fe]	29000	37000	47000	47000	38000	54000
Calcium [Ca]	1900	2100	2100	4800	1600	1900
Magnesium [Mg]	1500	2900	2400	4000	2100	2700
Sodium [Na]	90	120	110	170	100	140
Potassium [K]	160	320	180	440	220	180
Titanium [Ti]	2100	2100	2600	1800	2600	3200
Manganese [Mn]	110	140	120	400	92	140
Phosphorus [P]	290	450	460	500	480	380
Barium [Ba]	20	28	36	110	36	23
Chromium [Cr]	25	51	42	55	36	45
Zirconium [Zr]	< 1	2	2	3	3	3
Copper [Cu]	12	52	18	56	32	37
Nickel [Ni]	11	25	19	25	15	22
Lead [Pb]	6	5	6	4	4	3
Zinc [Zn]	22	36	28	63	26	32
Vanadium [V]	190	150	210	120	200	310
Strontium [Sr]	7	8	10	18	7	7
Cobalt [Co]	3	6	4	30	4	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]	< 1	2	2	5	2	2
Scandium [Sc]	1	2	2	3	3	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	50	40	30	60	40	50
Arsenic [As]	10	< 5	5	< 5	5	5
Bismuth [Bi]	< 5	10	10	15	< 5	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	10	20	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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. : E - 9078 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14226

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1942

ALL RESULTS PPM

ELEMENT	L26 3+50 N	L26 4+00 N	L26 4+50 N	L26 5+00 N	L26 5+50 N	L26 6+00 N
Aluminum [Al]	48000	27000	14000	12000	20000	43000
Iron [Fe]	44000	35000	39000	17000	43000	26000
Calcium [Ca]	1300	2700	1500	2100	1600	860
Magnesium [Mg]	2900	2700	2300	2300	2900	1400
Sodium [Na]	100	140	120	90	130	120
Potassium [K]	240	230	350	190	370	390
Titanium [Ti]	2400	1800	2600	1500	2100	990
Manganese [Mn]	120	85	88	98	120	73
Phosphorus [P]	550	330	750	280	460	3500
Barium [Ba]	56	86	24	32	36	55
Chromium [Cr]	59	37	37	36	60	47
Zirconium [Zr]	10	3	2	< 1	4	12
Copper [Cu]	61	65	27	21	41	220
Nickel [Ni]	20	28	18	17	25	18
Lead [Pb]	< 1	2	8	8	15	9
Zinc [Zn]	28	33	24	28	26	39
Vanadium [V]	150	130	180	97	140	55
Strontium [Sr]	6	9	6	11	7	5
Cobalt [Co]	4	7	3	3	4	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]	5	2	2	1	2	3
Scandium [Sc]	7	2	1	1	2	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	60	50	80	40	30
Arsenic [As]	< 5	10	10	< 5	15	10
Bismuth [Bi]	15	5	< 5	< 5	5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	5	5	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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 - 9078 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14226

ATTN: J.FOSTER

PROJECT: AVONDALE

R-1942

ALL RESULTS PPM

ELEMENT	L26 6+50 N	L26 7+00 N	L28 0+50 N	L28 1+00 N	L28 1+50 N	L28 2+00 N
Aluminum [Al]	15000	3600	20000	16000	8200	16000
Iron [Fe]	45000	18000	53000	43000	30000	63000
Calcium [Ca]	1700	1500	2600	1800	1500	2000
Magnesium [Mg]	2800	810	3100	2200	1300	1300
Sodium [Na]	150	100	140	110	100	140
Potassium [K]	430	140	260	220	190	260
Titanium [Ti]	3100	2100	2100	2100	2600	1600
Manganese [Mn]	120	70	180	99	84	150
Phosphorus [P]	450	180	600	350	250	660
Barium [Ba]	20	26	83	26	21	38
Chromium [Cr]	40	21	39	39	26	28
Zirconium [Zr]	4	1	3	3	< 1	3
Copper [Cu]	31	6	86	38	16	50
Nickel [Ni]	18	7	23	17	11	12
Lead [Pb]	7	6	8	7	6	5
Zinc [Zn]	23	14	48	28	22	38
Vanadium [V]	180	120	170	170	150	320
Strontium [Sr]	7	7	9	9	7	6
Cobalt [Co]	3	1	7	3	3	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]	2	1	2	2	2	3
Scandium [Sc]	3	1	2	2	1	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	40	< 10	60	50	50	40
Arsenic [As]	15	< 5	< 5	15	5	< 5
Bismuth [Bi]	5	< 5	15	5	< 5	15
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	< 5	10	10	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : 5 - 9078 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14228

PROJECT: AVONDALE R-1942 ALL RESULTS PPM

ELEMENT	L2B 2+50 N	L2B 3+00 N	L2B 3+50 N	L2B 4+00 N	L2B 4+50 N	L2B 5+00 N
Aluminum [Al]	6400	18000	7900	4600	11000	30000
Iron [Fe]	33000	27000	25000	14000	18000	21000
Calcium [Ca]	1400	2900	2000	1100	1800	1200
Magnesium [Mg]	980	3100	1600	800	1700	1800
Sodium [Na]	70	140	120	80	100	120
Potassium [K]	170	390	270	140	310	280
Titanium [Ti]	3100	1700	1800	1500	2300	1400
Manganese [Mn]	90	170	72	59	67	72
Phosphorus [P]	360	400	220	110	310	450
Barium [Ba]	14	57	45	40	28	36
Chromium [Cr]	57	95	37	19	30	29
Zirconium [Zr]	1	2	2	1	1	2
Copper [Cu]	11	57	18	9	19	100
Nickel [Ni]	22	46	18	8	15	11
Lead [Pb]	8	9	6	3	11	6
Zinc [Zn]	20	40	26	15	18	20
Vanadium [V]	230	100	160	100	130	68
Strontium [Sr]	6	11	8	6	9	7
Cobalt [Co]	2	5	4	3	2	2
Molybdenum [Mo]	< 2	< 2	4	< 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]	1	3	1	1	2	15
Scandium [Sc]	1	2	1	1	1	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	20	20	60	< 10	10	20
Arsenic [As]	10	5	5	< 5	5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
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 : JUL-17-1990

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 - 9078 - 5  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14226

PROJECT: AVONDALE

R-1942

ALL RESULTS PPM

ELEMENT	L28 5+50 N	L28 6+00 N	L30 0+50 N	L30 1+00 N	L30 1+50 N	L30 2+00 N
Aluminum [Al]	13000	19000	18000	19000	24000	22000
Iron [Fe]	51000	37000	45000	53000	51000	57000
Calcium [Ca]	1200	2600	3400	2000	2800	3100
Magnesium [Mg]	1200	3600	2000	2500	2900	2700
Sodium [Na]	140	170	120	150	170	110
Potassium [K]	290	440	320	320	320	300
Titanium [Ti]	2300	2000	1600	3900	2800	2000
Manganese [Mn]	63	130	400	140	150	210
Phosphorus [P]	630	950	460	320	370	480
Barium [Ba]	19	53	76	53	49	56
Chromium [Cr]	36	75	50	39	68	50
Zirconium [Zr]	2	2	1	4	2	3
Copper [Cu]	20	47	37	35	50	53
Nickel [Ni]	11	40	27	15	29	25
Lead [Pb]	9	4	8	< 1	2	5
Zinc [Zn]	23	27	51	35	41	48
Vanadium [V]	190	140	130	190	200	170
Strontium [Sr]	7	15	14	9	11	10
Cobalt [Co]	1	8	30	5	6	13
Molybdenum [Mo]	< 2	< 2	8	8	14	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]	3	2	4	3	3	2
Scandium [Sc]	2	3	2	2	3	2
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	30	40	40	40	50	60
Arsenic [As]	15	10	< 5	< 5	15	10
Bismuth [Bi]	5	< 5	10	10	15	25
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	5	10	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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

T.S.L. REPORT No. : S - 9078 - 6  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14226

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1942

ALL RESULTS PPM

ELEMENT	L30 2+50 N	L30 3+00 N	L30 3+50 N	L30 4+00 N	L30 4+50 N	L30 5+00 N
Aluminum [Al]	5400	32000	31000	53000	42000	10000
Iron [Fe]	24000	44000	43000	50000	45000	53000
Calcium [Ca]	1400	1600	2900	1200	780	1000
Magnesium [Mg]	670	2200	4900	2400	1500	930
Sodium [Na]	70	100	220	100	80	70
Potassium [K]	120	270	690	270	220	250
Titanium [Ti]	1800	2200	3200	2600	2400	4000
Manganese [Mn]	77	130	240	96	59	61
Phosphorus [P]	170	680	320	610	540	750
Barium [Ba]	18	27	80	24	21	16
Chromium [Cr]	37	37	60	59	34	34
Zirconium [Zr]	< 1	5	6	11	6	4
Copper [Cu]	9	54	88	51	44	16
Nickel [Ni]	14	14	37	14	9	7
Lead [Pb]	5	3	< 1	< 1	< 1	7
Zinc [Zn]	24	30	40	36	27	19
Vanadium [V]	110	150	150	130	150	250
Strontium [Sr]	7	7	12	6	4	6
Cobalt [Co]	3	4	8	2	< 1	< 1
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]	1	4	4	4	5	2
Scandium [Sc]	< 1	4	5	6	4	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	50	80	40	30	20
Arsenic [As]	< 5	< 5	< 5	< 5	10	10
Bismuth [Bi]	< 5	10	15	15	10	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	15	10	10	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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 - 9075 - 7  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14224

PROJECT: AVONDALE

R-1942

ALL RESULTS PPM

ELEMENT	L30 5+50 N	L30 6+00 N	L32 0+50 N	L32 1+00 N	L32 1+50 N	L32 2+00 N
Aluminum [Al]	11000	31000	41000	9500	30000	26000
Iron [Fe]	32000	41000	35000	28000	36000	57000
Calcium [Ca]	1400	1600	1900	2200	2700	1600
Magnesium [Mg]	1500	2500	3800	2000	3500	2200
Sodium [Na]	110	150	170	140	220	120
Potassium [K]	270	320	540	200	520	260
Titanium [Ti]	3200	2600	2400	3000	1500	3300
Manganese [Mn]	84	100	160	85	200	84
Phosphorus [P]	570	690	640	160	660	590
Barium [Ba]	24	31	57	26	50	23
Chromium [Cr]	25	41	54	24	60	40
Zirconium [Zr]	1	5	6	2	3	4
Copper [Cu]	17	51	97	13	130	35
Nickel [Ni]	9	13	24	10	44	12
Lead [Pb]	6	2	< 1	4	7	2
Zinc [Zn]	18	23	36	23	40	34
Vanadium [V]	170	150	110	140	92	160
Strontium [Sr]	8	7	10	9	11	8
Cobalt [Co]	2	3	5	3	8	2
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]	2	4	6	2	4	3
Scandium [Sc]	2	5	6	2	4	3
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	70	40	60	60	40	40
Arsenic [As]	10	< 5	< 5	< 5	< 5	10
Bismuth [Bi]	< 5	5	10	< 5	10	10
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	10	5	10	5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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 - 9078 - E  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14226

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1942

ALL RESULTS PPM

ELEMENT	L32 2+50 N	L32 3+00 N	L32 3+50 N	L32 4+00 N	L32 4+50 N	L32 5+00 N
Aluminum [Al]	6500	51000	41000	19000	42000	5600
Iron [Fe]	38000	31000	43000	32000	29000	13000
Calcium [Ca]	1100	2100	1500	1600	980	880
Magnesium [Mg]	720	3700	3400	2200	1300	770
Sodium [Na]	80	210	130	140	110	90
Potassium [K]	150	450	440	360	270	150
Titanium [Ti]	3200	2100	2500	2300	1200	2200
Manganese [Mn]	51	160	150	91	56	50
Phosphorus [P]	230	690	520	640	1300	160
Barium [Ba]	21	37	32	33	45	17
Chromium [Cr]	22	39	39	28	27	18
Zirconium [Zr]	< 1	7	9	3	4	1
Copper [Cu]	8	99	63	30	120	9
Nickel [Ni]	6	19	16	12	8	6
Lead [Pb]	4	< 1	< 1	5	3	6
Zinc [Zn]	13	38	40	28	32	15
Vanadium [V]	210	94	120	110	65	100
Strontium [Sr]	5	10	8	9	7	7
Cobalt [Co]	< 1	5	4	3	1	1
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]	1	5	6	2	5	1
Scandium [Sc]	< 1	6	6	2	4	1
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	10	50	60	40	< 10	< 10
Arsenic [As]	< 5	< 5	< 5	10	< 5	5
Bismuth [Bi]	< 5	10	10	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	< 5	10	10	5	5	< 5
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9078 - 9  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14226

PROJECT: AVONDALE R-1942

ALL RESULTS PPM

ELEMENT	L32 5+50 N	L32 6+00 N
Aluminum [Al]	15000	11000
Iron [Fe]	18000	20000
Calcium [Ca]	1800	1700
Magnesium [Mg]	4300	2100
Sodium [Na]	140	140
Potassium [K]	360	250
Titanium [Ti]	1500	3200
Manganese [Mn]	150	92
Phosphorus [P]	410	250
Barium [Ba]	35	29
Chromium [Cr]	46	24
Zirconium [Zr]	2	2
Copper [Cu]	21	16
Nickel [Ni]	20	11
Lead [Pb]	7	10
Zinc [Zn]	35	21
Vanadium [V]	68	120
Strontium [Sr]	13	10
Cobalt [Co]	5	1
Molybdenum [Mo]	< 2	< 2
Silver [Ag]	< 1	< 1
Cadmium [Cd]	< 1	< 1
Beryllium [Be]	< 1	< 1
Boron [B]	< 10	< 10
Antimony [Sb]	< 5	< 5
Yttrium [Y]	2	2
Scandium [Sc]	2	2
Tungsten [W]	< 10	< 10
Niobium [Nb]	< 10	< 10
Thorium [Th]	60	70
Arsenic [As]	5	5
Bismuth [Bi]	< 5	< 5
Tin [Sn]	< 10	< 10
Lithium [Li]	5	5
Holmium [Ho]	< 10	< 10

DATE : JUL-17-1990

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  
 ATTN: J. FOSTER

*(Hall)*

PROJECT: AVONDALE R-1941

T.S.L. REPORT No. : 8 - 9094 - 1  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14229

ALL RESULTS PPM

ELEMENT	L20 0+50 N	L20 1+00 N	L20 1+50 N	L20 2+50 N	L20 3+00 N	L20 3+50 N
Aluminum [Al]	36000	19000	13000	11000	24000	17000
Iron [Fe]	43000	35000	42000	36000	42000	45000
Calcium [Ca]	7800	1600	1200	1700	1900	1900
Magnesium [Mg]	7300	1600	2200	2200	3000	3000
Sodium [Na]	190	140	100	90	150	150
Potassium [K]	6700	470	250	240	270	300
Titanium [Ti]	2700	2600	3800	2900	2500	2900
Manganese [Mn]	1000	130	93	130	110	120
Phosphorus [P]	2500	510	500	520	450	530
Barium [Ba]	380	44	39	30	31	51
Chromium [Cr]	78	38	35	33	53	43
Zirconium [Zr]	5	5	3	2	4	3
Copper [Cu]	73	19	18	16	40	33
Nickel [Ni]	73	12	12	13	22	19
Lead [Pb]	< 1	2	5	4	< 1	2
Zinc [Zn]	83	33	29	30	33	38
Vanadium [V]	97	150	240	190	160	170
Strontium [Sr]	87	9	6	8	7	9
Cobalt [Co]	19	2	1	2	3	3
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]	20	5	5	< 5	10	10
Yttrium [Y]	10	2	2	1	2	3
Scandium [Sc]	4	3	2	2	3	3
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	< 5	10	10	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	10	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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 - 9094 - 2  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14229

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1941

ALL RESULTS PPM

ELEMENT	L20 4+00 N	L20 4+50 N	L20 5+00 N	L20 5+50 N	L20 6+00 N	L22 0+50 N
Aluminum [Al]	16000	9800	21000	23000	25000	18000
Iron [Fe]	40000	33000	28000	34000	43000	37000
Calcium [Ca]	1900	1400	2900	1700	2200	3100
Magnesium [Mg]	3000	2400	3100	2600	2900	4800
Sodium [Na]	180	120	190	150	190	210
Potassium [K]	300	180	400	290	310	570
Titanium [Ti]	3500	2400	2300	2600	3300	3900
Manganese [Mn]	110	93	220	110	130	280
Phosphorus [P]	570	250	400	320	350	580
Barium [Ba]	48	23	64	42	37	110
Chromium [Cr]	45	35	53	52	37	58
Zirconium [Zr]	3	2	3	4	6	4
Copper [Cu]	38	16	51	35	38	24
Nickel [Ni]	21	15	24	21	16	36
Lead [Pb]	6	3	2	< 1	1	6
Zinc [Zn]	33	27	44	31	33	53
Vanadium [V]	180	180	130	130	150	110
Strontium [Sr]	8	6	10	7	9	14
Cobalt [Co]	3	3	4	2	3	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]	10	5	5	< 5	10	10
Yttrium [Y]	2	2	4	3	3	5
Scandium [Sc]	3	3	4	3	4	3
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	< 5	10	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	10	10	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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 2K6  
 ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9094 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14229

PROJECT: AVONDALE

R-1941

ALL RESULTS PPM

ELEMENT	L22 1+00 N	L22 1+50 N	L22 2+00 N	L22 2+50 N	L22 3+00 N	L22 3+50 N
Aluminum [Al]	31000	37000	36000	31000	38000	31000
Iron [Fe]	26000	34000	36000	40000	36000	43000
Calcium [Ca]	3100	2800	1800	4200	2100	2500
Magnesium [Mg]	4000	4500	4500	4800	5500	5900
Sodium [Na]	220	240	200	200	220	240
Potassium [K]	480	400	400	390	490	1300
Titanium [Ti]	1600	1900	2100	2400	2500	2800
Manganese [Mn]	260	190	220	260	250	280
Phosphorus [P]	730	500	500	370	260	490
Barium [Ba]	94	97	71	99	96	160
Chromium [Cr]	50	88	83	59	65	52
Zirconium [Zr]	2	5	6	4	5	6
Copper [Cu]	44	61	62	49	60	93
Nickel [Ni]	33	42	40	32	42	34
Lead [Pb]	5	< 1	< 1	3	< 1	< 1
Zinc [Zn]	66	47	46	33	37	45
Vanadium [V]	68	110	120	140	130	140
Strontium [Sr]	12	12	8	13	10	10
Cobalt [Co]	13	7	6	7	9	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	10	10	10	10	15
Yttrium [Y]	5	3	3	4	3	4
Scandium [Sc]	2	5	6	6	7	8
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	< 5	10	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	10	15	15	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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. : 5 - 9094 - 4  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14225

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1941

ALL RESULTS PPM

ELEMENT	L22 4+00 N	L22 4+50 N	L22 5+00 N	L22 5+50 N	L22 6+00 N	L4 0+50 N
Aluminum [Al]	9100	15000	8100	26000	9000	20000
Iron [Fe]	14000	30000	19000	48000	28000	28000
Calcium [Ca]	1700	2900	1300	2000	1300	2300
Magnesium [Mg]	2100	3700	1400	4400	1800	3200
Sodium [Na]	140	200	100	130	120	170
Potassium [K]	260	330	190	390	170	310
Titanium [Ti]	1200	2300	2300	3200	3500	1800
Manganese [Mn]	130	140	72	200	110	120
Phosphorus [P]	260	270	190	400	190	270
Barium [Ba]	48	59	27	49	27	48
Chromium [Cr]	36	60	41	63	31	54
Zirconium [Zr]	1	2	1	5	2	4
Copper [Cu]	23	23	15	55	10	36
Nickel [Ni]	20	30	16	29	11	24
Lead [Pb]	11	4	3	2	7	2
Zinc [Zn]	34	40	18	40	23	28
Vanadium [V]	59	170	140	180	140	130
Strontium [Sr]	8	10	6	10	6	10
Cobalt [Co]	3	4	1	6	1	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	10	5	5
Yttrium [Y]	2	2	2	3	2	2
Scandium [Sc]	2	3	2	5	2	3
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	< 5	< 5	< 5	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	5	10	5	10	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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 - 9094 - 3  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14229

PROJECT: AVONDALE R-1941 ALL RESULTS PPM

ELEMENT	L4 1+00 N	L4 1+50 N	L4 2+00 N	L4 2+50 N	L4 3+00 N	L4 3+50 N
Aluminum [Al]	24000	16000	27000	11000	35000	39000
Iron [Fe]	33000	36000	26000	17000	35000	34000
Calcium [Ca]	4300	2200	2300	2300	2600	2200
Magnesium [Mg]	4100	3100	2500	1600	3800	3900
Sodium [Na]	260	170	150	110	200	240
Potassium [K]	440	230	310	210	320	420
Titanium [Ti]	1200	1900	1100	1100	1300	1500
Manganese [Mn]	1200	160	120	92	140	210
Phosphorus [P]	420	240	640	250	610	1600
Barium [Ba]	110	36	92	25	64	67
Chromium [Cr]	79	52	26	31	91	59
Zirconium [Zr]	< 1	1	2	1	5	5
Copper [Cu]	49	18	66	19	57	63
Nickel [Ni]	46	23	16	13	40	29
Lead [Pb]	2	2	2	10	< 1	< 1
Zinc [Zn]	95	31	45	27	38	39
Vanadium [V]	90	180	74	86	110	120
Strontium [Sr]	16	8	10	8	9	9
Cobalt [Co]	39	5	5	3	5	6
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]	10	10	5	< 5	10	5
Yttrium [Y]	4	2	3	2	2	2
Scandium [Sc]	3	2	2	2	4	4
Tungsten [W]	< 10	< 10	< 10	< 10	< 10	< 10
Niobium [Nb]	< 10	< 10	< 10	< 10	< 10	< 10
Thorium [Th]	< 10	< 10	< 10	30	< 10	< 10
Arsenic [As]	< 5	< 5	< 5	5	< 5	20
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	15	10	10	5	10	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

SIGNED :

*Bernie Oum*

T S L LABORATORIES

2-302-48TH STREET, SASKATON, 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 10-800 WEST HASTINGS ST.  
VANCOUVER, B.C.  
V6C 2X6  
ATTN: J. FOSTER

T.S.L. REPORT No. : S - 9094 - 6  
T.S.L. File No. :  
T.S.L. Invoice No. : 14229

PROJECT: AVONDALE

R-1941

ALL RESULTS PPM

ELEMENT	L4 4+00 N	L4 4+50 N	L4 5+00 N	L4 5+50 N	L4 6+00 N	L4 6+50 N
Aluminum [Al]	24000	20000	19000	20000	14000	45000
Iron [Fe]	37000	29000	37000	52000	24000	42000
Calcium [Ca]	1800	2200	1600	1100	1100	1800
Magnesium [Mg]	4600	3500	3700	2900	3000	4300
Sodium [Na]	140	190	170	100	170	190
Potassium [K]	300	260	370	310	920	500
Titanium [Ti]	1800	1500	1900	2400	1300	2500
Manganese [Mn]	200	140	140	140	110	180
Phosphorus [P]	440	280	620	700	230	480
Barium [Ba]	77	43	53	42	77	60
Chromium [Cr]	45	70	55	43	32	65
Zirconium [Zr]	3	2	3	4	2	17
Copper [Cu]	45	30	21	29	18	110
Nickel [Ni]	32	36	29	15	11	25
Lead [Pb]	2	4	3	7	8	< 1
Zinc [Zn]	41	35	33	30	24	34
Vanadium [V]	120	120	140	200	84	140
Strontium [Sr]	9	8	6	6	5	8
Cobalt [Co]	8	5	5	3	3	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]	10	5	10	10	5	10
Yttrium [Y]	2	2	2	2	2	4
Scandium [Sc]	3	2	3	3	3	8
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]	10	5	< 5	20	< 5	< 5
Bismuth [Bi]	< 5	< 5	< 5	< 5	< 5	< 5
Tin [Sn]	< 10	< 10	< 10	< 10	< 10	< 10
Lithium [Li]	10	10	5	5	5	10
Holmium [Ho]	< 10	< 10	< 10	< 10	< 10	< 10

DATE : JUL-17-1990

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.F. 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 - 9094 - 7  
 T.S.L. File No. :  
 T.S.L. Invoice No. : 14229

PROJECT: AVONDALE

R-1941

ALL RESULTS PPM

ELEMENT	L4 7+00 N	L4 7+50 N	L4 8+00 N	L4 8+50 N	L4 9+00 N	L4 9+50 N
Aluminum [Al]	23000	12000	27000	24000	12000	16000
Iron [Fe]	40000	19000	33000	46000	29000	43000
Calcium [Ca]	1600	2000	1800	1800	1900	1700
Magnesium [Mg]	3000	2400	3200	2800	3500	4300
Sodium [Na]	180	170	170	160	180	200
Potassium [K]	320	270	280	290	260	480
Titanium [Ti]	2400	1500	1600	2600	1700	2600
Manganese [Mn]	130	100	190	130	130	170
Phosphorus [P]	350	260	480	560	310	530
Barium [Ba]	40	37	46	35	94	100
Chromium [Cr]	83	24	55	44	33	36
Zirconium [Zr]	5	1	5	6	1	2
Copper [Cu]	37	28	48	38	26	42
Nickel [Ni]	33	15	24	17	17	17
Lead [Pb]	4	5	2	5	15	17
Zinc [Zn]	34	29	35	27	39	43
Vanadium [V]	180	120	120	170	130	150
Strontium [Sr]	8	10	8	7	6	8
Cobalt [Co]	4	4	5	2	5	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]	10	5	10	10	5	15
Yttrium [Y]	2	2	3	3	2	3
Scandium [Sc]	3	2	3	4	1	3
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	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 : JUL-17-1990

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.

T.S.L. REPORT No. : 5 - 9094 - 8

T.S.L. File No. :

T.S.L. Invoice No. : 14229

V6C 2X6

ATTN: J. FOSTER

PROJECT: AVONDALE

R-1941

ALL RESULTS PPM

L4 10+00 N

ELEMENT	
Aluminum [Al]	20000
Iron [Fe]	29000
Calcium [Ca]	1600
Magnesium [Mg]	3900
Sodium [Na]	230
Potassium [K]	800
Titanium [Ti]	1700
Manganese [Mn]	120
Phosphorus [P]	270
Barium [Ba]	77
Chromium [Cr]	33
Zirconium [Zr]	5
Copper [Cu]	29
Nickel [Ni]	12
Lead [Pb]	55
Zinc [Zn]	89
Vanadium [V]	120
Strontium [Sr]	6
Cobalt [Co]	5
Molybdenum [Mo]	< 2
Silver [Ag]	< 1
Cadmium [Cd]	< 1
Beryllium [Be]	< 1
Boron [B]	< 10
Antimony [Sb]	10
Yttrium [Y]	3
Scandium [Sc]	5
Tungsten [W]	< 10
Niobium [Nb]	< 10
Thorium [Th]	< 10
Arsenic [As]	10
Bismuth [Bi]	< 5
Tin [Sn]	< 10
Lithium [Li]	10
Holmium [Ho]	< 10

DATE : JUL-17-1990

SIGNED :

*Bernie Dunn*

APPENDIX II  
ROCK SAMPLE DESCRIPTIONS

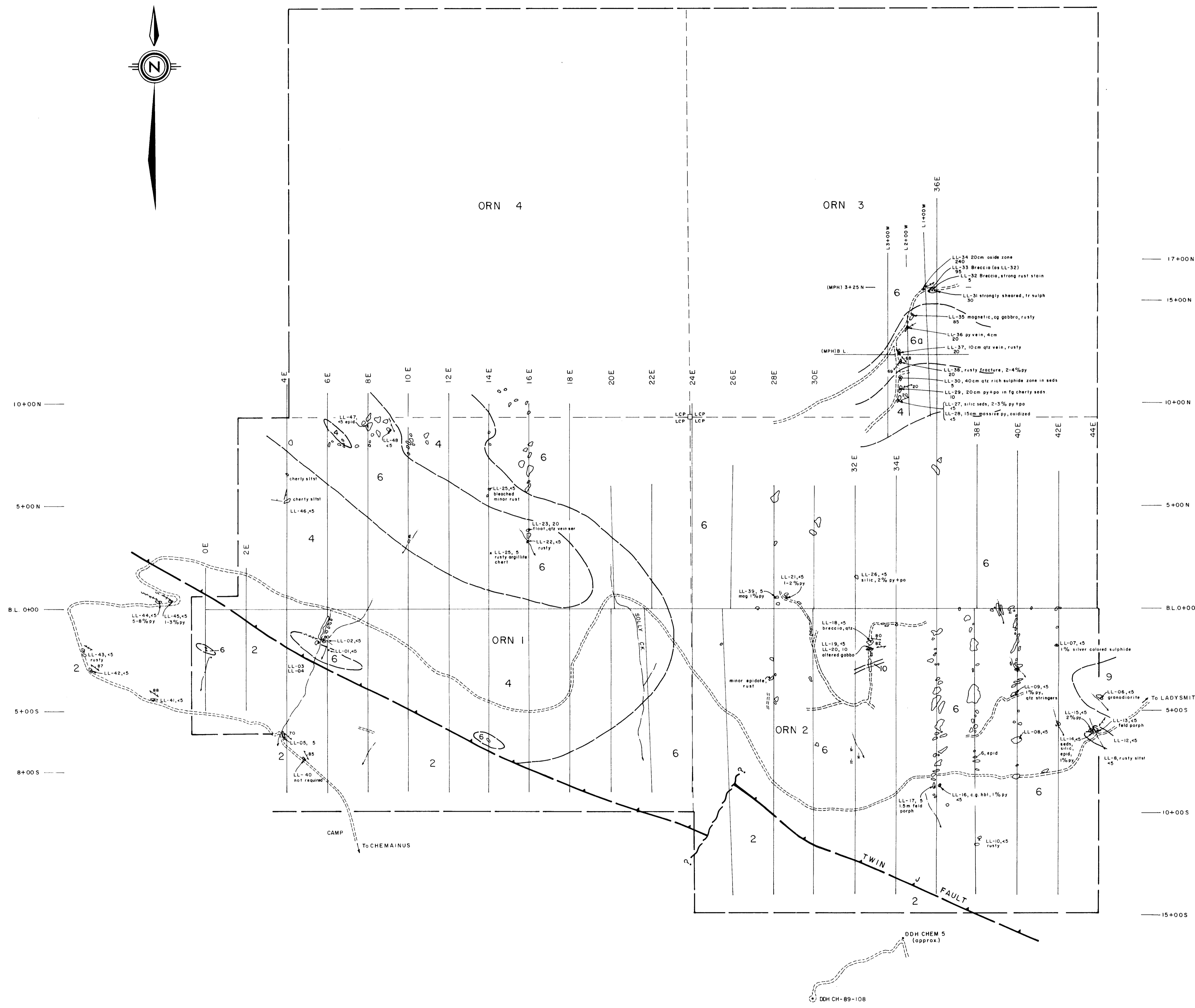
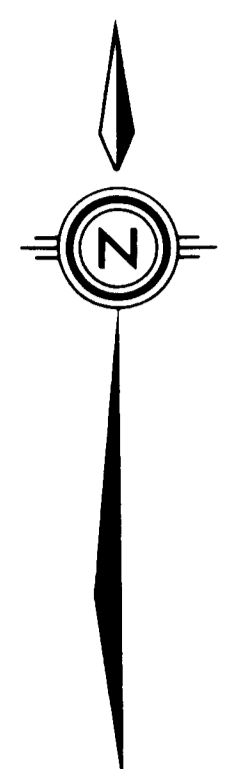
AVONDALE HALL PROJECT

Sample:	Date:	Location:	Lithology:	Remarks / Alteration / Structure:	Mineralization:	Analysis:
LL-01	Jun 6/90	L6+00E, 2+00S	gabbro/diabase	minor carb. slickensides	NVS (no visible sulphides)	
LL-02	"	L5+80E, 1+55S	siltstone	carbonaceous w/ minor rust stain <sup>306°/80°N</sup>	NVS	
LL-03	"	L5+70E, 1+60S	siltstone	@ contact w/ gabbro NNW, dipping steeply	NVS, mod rusty, incompetent	
LL-04	"	L5+70E, 1+60S	siltstone	strongly sheared, v. friable, 50cm <sup>290°/40°</sup>	NVS	
LL-05	"	L3+80E, 6+50S	volcaniclastics	schistose @ 320°/70°NNE, minor rust	NVS	
LL-06	June 7/90	L44+00E, 4+40S	granodiorite	rusty, friable	NVS	
LL-07	"	L42+00E, 1+80S	gabbro	minor rust stain	1% f.g. silver-colored sulphide	
LL-08	Jun 7/90	L40+00E, 6+40S	gabbro	massive, v. minor rust	NVS	
LL-09	"	L40+00E, 4+15S	gabbro	Mod frac. qtz stringers to 2cm	1% py	
LL-10	"	L38+00E, 11+75S	gabbro	Mod rusty	NVS	
LL-11	"	L43+80E, 6+00S	siltstone	Mod rust, E. side of porphyry <sup>250°/15W</sup>	NVS	
LL-12	"	L43+80E, 6+00S	"	"	NVS	
LL-13	"	L43+80E, 6+00S	feldspar porphyry	Weak rust stain	tr sulphides	
LL-14	"	L43+70E, 6+00S	feldspar porphyry	rusty zone, 3M	1-2% py	
LL-15	"	L43+70E, 6+00S	gabbro	mod rusty, adjacent to porphyry	tr-2% py	
LL-16	Jun 9/90	L36+10E, 8+70S	gabbro	v. coarse hornblende	1% dissem sulphides	
LL-17	"	L35+90E, 8+70S	feldspar porphyry	1.5 m wide Trend 030° / steep dip	NVS	
LL-18	"	L32+75E, 1+65S	gabbro	fractured, minor breccia, mod rust staining	NVS	
LL-19	"	L32+75E, 1+95S	quartz vein	10-15 cm wide, 080°/82°N	tr sulphides	
LL-20	"	L32+75E, 1+95S	gabbro	intruded by qtz veinlets, horn. stain.	NVS	
LL-21	"	L28+50E, 0+40N	siltstone	altered, fractured, yellow-brown stain	1-2% dissem sulphides	
LL-22	Jun 10/90	L16+00E, 3+20N	gabbro	minor rust + friable	NVS	
LL-23	"	L16+00E, 3+80N	quartz vein	FLOAT - strong rust, minor sericite	NVS	
LL-24	"	L14+00E, 5+80N	argillite	mod. bleached, minor rust	NVS	
LL-25	"	L14+10E, 2+70N	argillite	FLOAT	NVS	
LL-26	"	L32+00E, 1+50N	gabbro	silicified	2-3% py + po dissem + pods	
LL-27	Jun 12/90	North side of Mt. Hall	siltstone	rusty, silicified	2-3% dissem py + po	
LL-28	"	"	semi-massive py	in seeds, 15 cm wide, oxidized, friable 070°/20W	40% py	
LL-29	"	"	semi-massive py + po	in f.g. cherty seeds, 70cm 070°/20°NW	40% py + po	
LL-30	"	"	quartz-sulphide	40cm, quartz-rich sulphides in seeds	10% py	



STATEMENT OF EXPENDITURES

Mobilization/Demobilization			\$ 3,720.00
J. Chapman	4.66 days @ \$450/day	\$ 2,097	
L. Lewis	10 days @ \$350/day	3,500	
E. Hards	16.5 days @ \$400/day	6,600	
T. McGowen	38 days @ \$280/day	10,640	
R. Mackie	31 days @ \$270/day	8,370	
R. Reidel	23 days @ \$300/day	6,900	
L. LeBel	23 hrs @ \$62.50/hr	1,437.50	
R. Lewis	0.5 hrs @ \$40/hr	20	
		\$39,564.50	\$39,564.50
Camp Support Costs			\$16,192.94
Transportation and Communication			2,284.99
Equipment Rentals			2,875.00
Contract Services (linecutting)			5,712.40
Analyses			11,426.90
Report Costs			<u>3,356.35</u>
Total Expenditures			<u>\$85,133.08</u>



- UNCERTAIN AGE
  - 10 MINOR INTRUSIONS
- MESOZOIC
  - JURASSIC
    - 9 ISLAND INTRUSIONS - QUARTZDIORITE, GRANODIORITE
  - TRIASSIC
    - 6 KARMUTSEN FORMATION - SILL-LIKE BODIES OF GABBRO, DIABASE.
      - 6a - COARSE GRAINED, MAGNETITE RICH GABBRO.
- PALEOZOIC
  - SICKER GROUP
    - 4 CAMERON RIVER FORMATION, (SEDIMENT-SILL UNIT)
      - SLTSTONE, CHERT, SANDSTONE, ARGILLITE.
    - 2 McLAUGHLIN RIDGE FORMATION - FELSIC METAVOLCANICS AND VOLCANICLASTICS.
- OUTCROP
- ROCK SAMPLE LOCATION
- GOLD ASSAY (value in ppb)
- BEDDING
- SCHISTOSITY
- SHEARING
- FRACTURE
- CREEK
- OLD ROAD (mainly overgrown)
- DIAMOND DRILL HOLE
- THRUST FAULT (approximate position)
- FAULT
- GEOLOGICAL CONTACT

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**20,387**

0 200 400  
metres

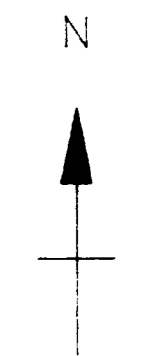
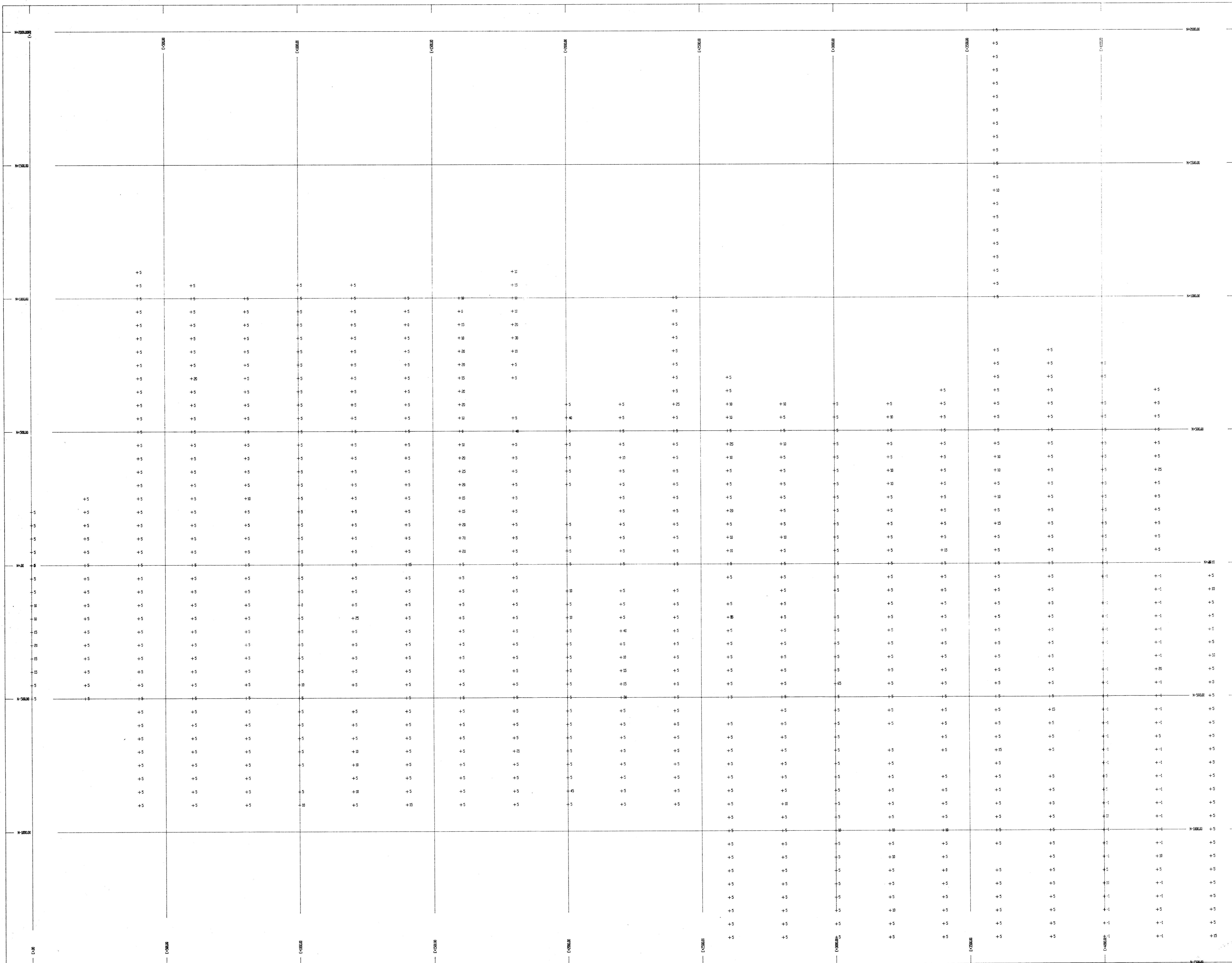
**OREQUEST**

AVONDALE RESOURCES INC.

Figure 4  
HALL PROJECT  
Nanaimo Mining Division  
GEOLOGY, ROCK SAMPLE LOCATION  
and GOLD GEOCHEMISTRY

British Columbia  
NTS: 92 B/13W

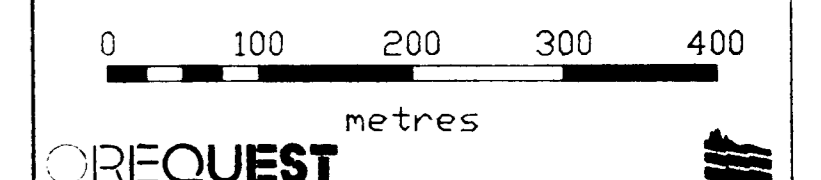
October 1990      Drafting: RWR



LEGEND  
 +20 Sample location  
 Gold (ppb)

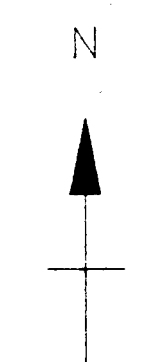
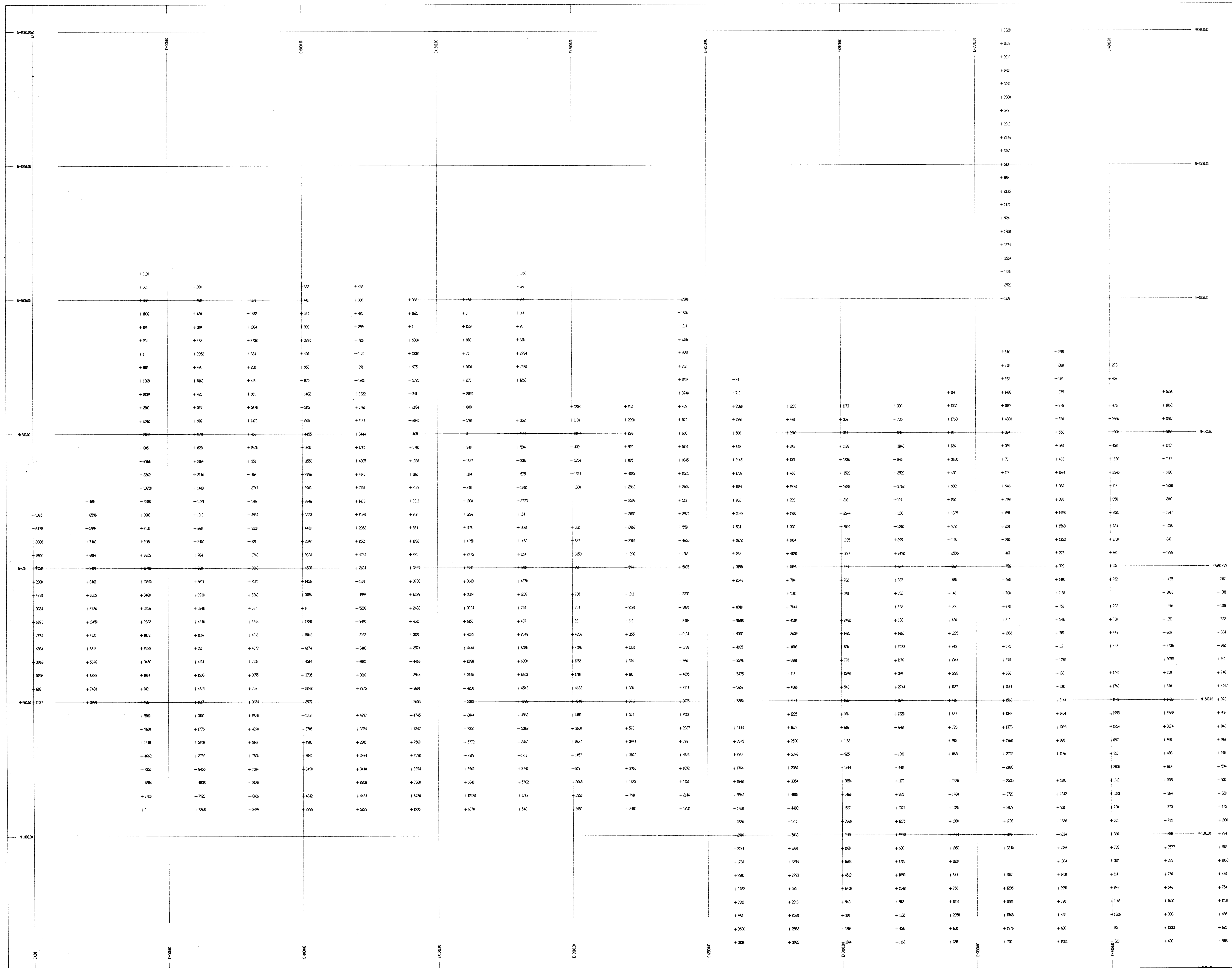
**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**20,387**



**OREQUEST**  
 Avondale Resources Ltd.

Figure 5  
 HALL PROJECT  
 GOLD GEOCHEMISTRY  
 British Columbia  
 NTS 92 B/13W

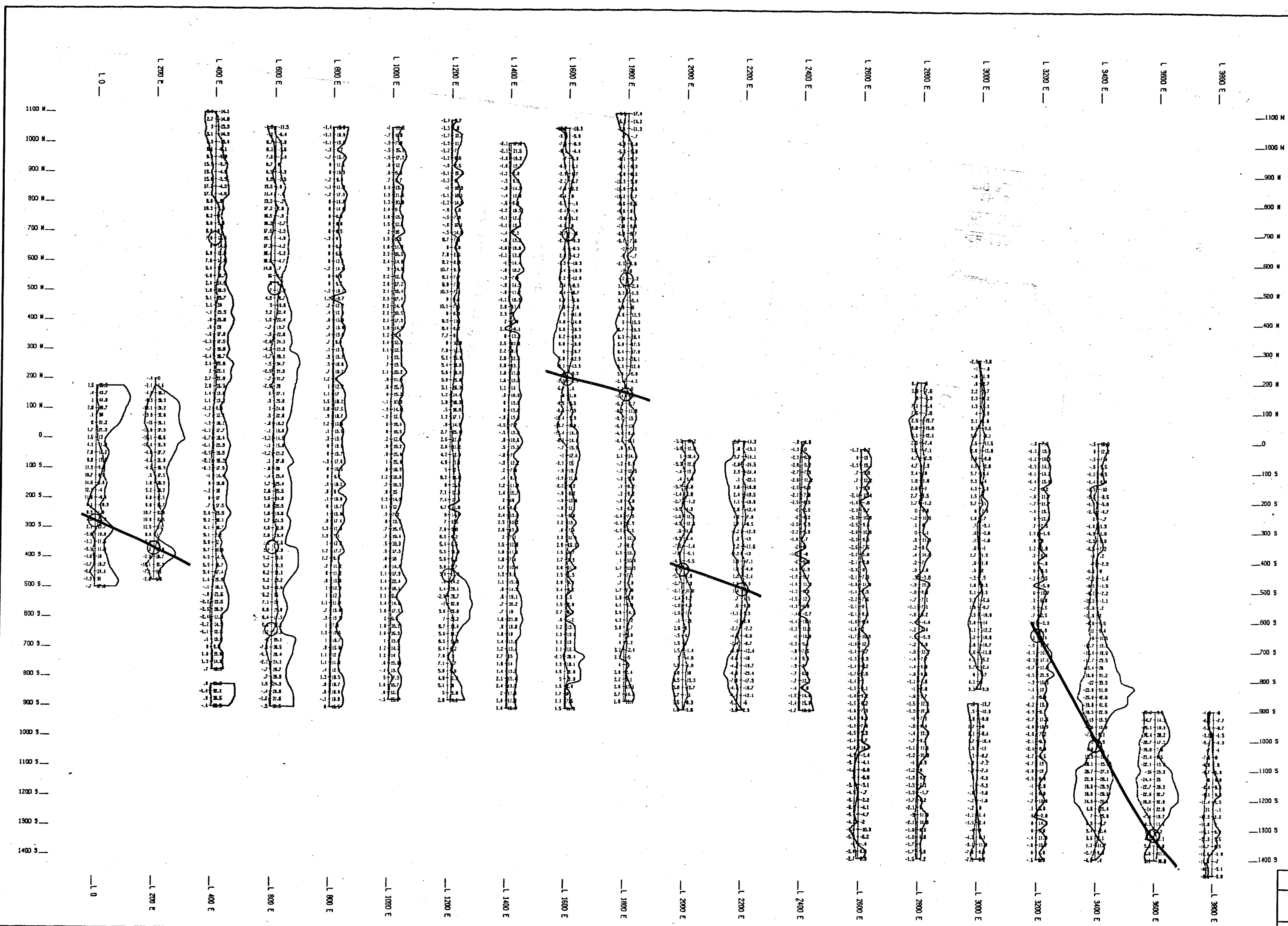


LEGEND  
 + 868 Sample location  
 Cu (ppm) x Zn (ppm)  
**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**  
**20,387**  
 0 100 200 300 400  
 metres

**OREQUEST**  
 Avondale Resources Ltd.

Figure 6  
 HALL PROJECT  
 CU X ZN GEOCHEMISTRY  
 British Columbia  
 NTS 92 B/13W





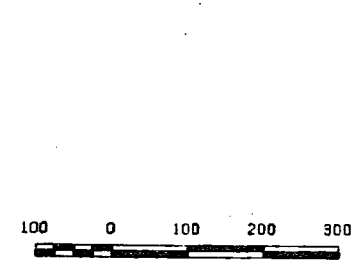
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

# 20,387

**LEGEND**  
 INSTRUMENT: GEM G58-19  
 TRANSMITTER: SEATTLE (24.8 MHz)

QUADRATURE	10	20	IN-PHASE
	5	30	

IN-PHASE  
 QUADRATURE  
 ANNULAR LOCATION  
 CONDUCTOR AXIS



92B/13W  
 AYOONIA RESOURCES INC.  
 HALL PROJECT

**VLF EM SURVEY  
 FIG 7**

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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

20,387

LEGEND

INSTRUMENT: GEN 658-19  
TRANSMITTER: HANB1 (125.4 KHZ)

QUADRATURE 10 20 IM-PHASE  
5 30

+10 Z 0 -10 Z

IN-PHASE  
QUADRATURE

ANOMALY LOCATION  
CONDUCTOR AXIS

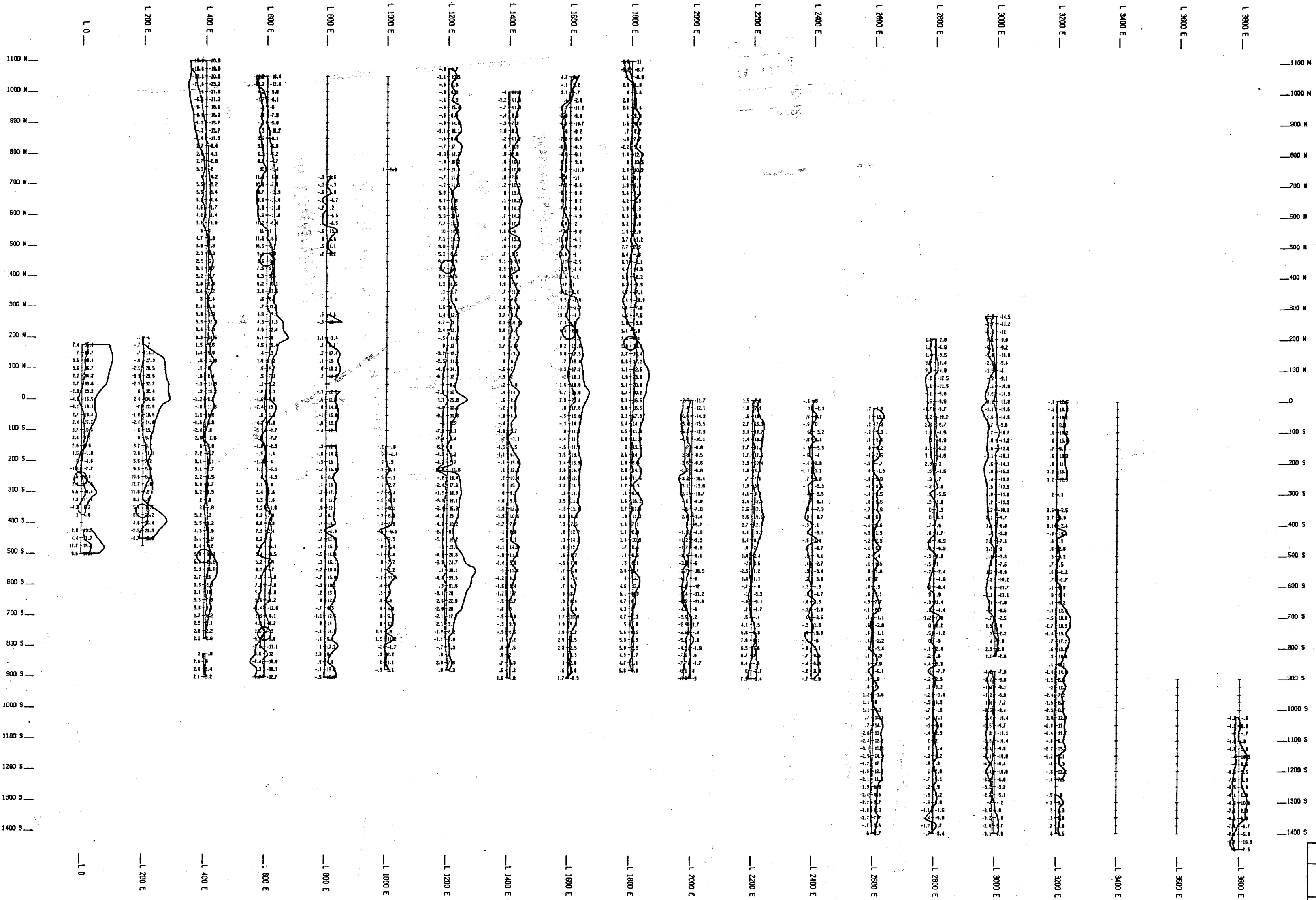
100 0 100 200 300

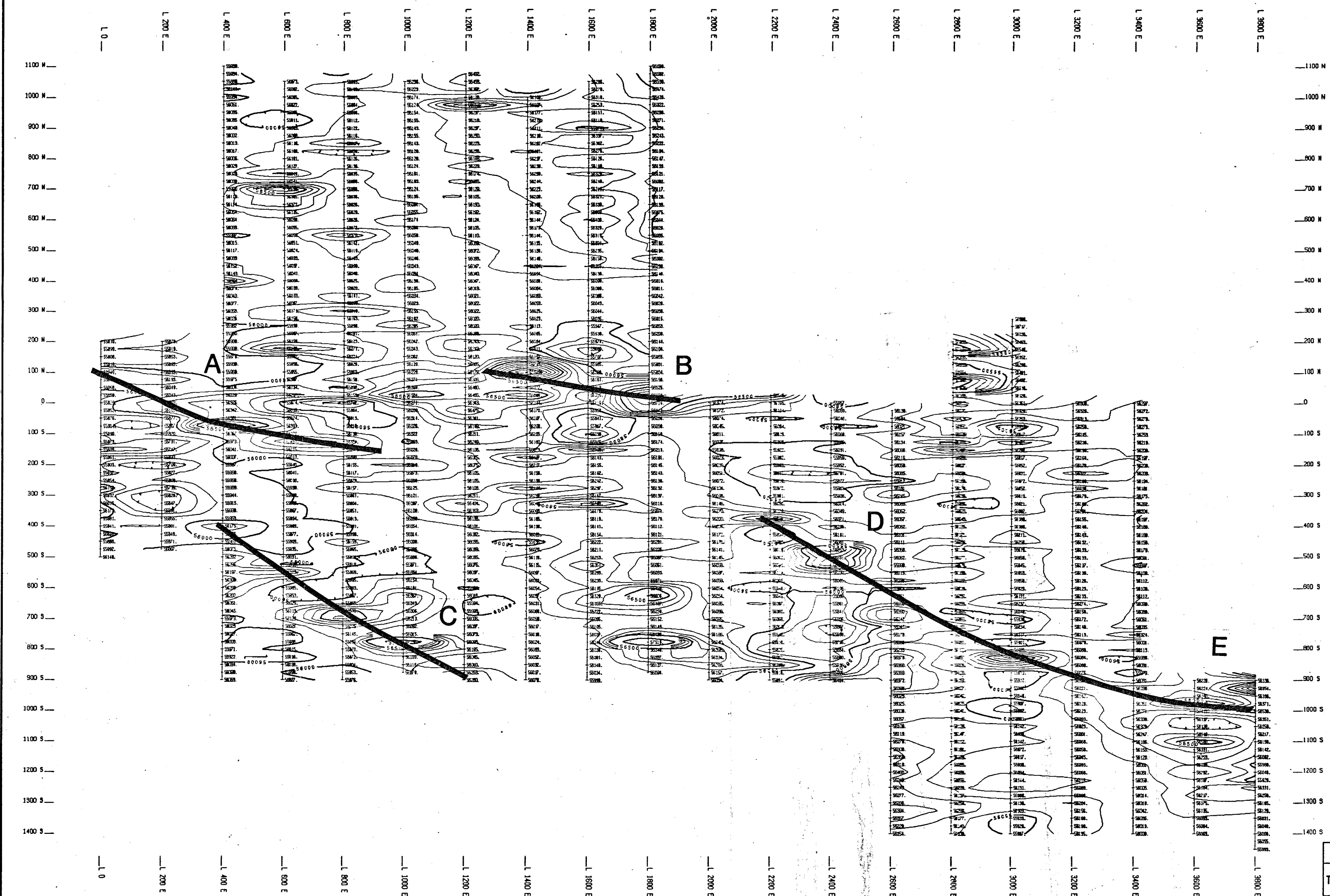
92B/13W

AVONDALE RESOURCES INC.  
HALL PROJECT

VLF EM SURVEY  
FIG 8

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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

# 20,387

**LEGEND**

INSTRUMENT: GEN SYSTEMS 63H-19

— 500 Gauss

— 100 Gauss

100 0 100 200 300

**92B/13W**  
 AVONDALE RESOURCES INC.  
 HALL PROJECT  
**TOTAL FIELD MAGNETIC SURVEY**  
**FIG 9**  
 DREQUEST CONSULTANTS LTD.