# ASSESSMENT REPORT ON THE GOLDEN TRUMP RESOURCES LTD.'S MT. EATON PROJECT

ATLIN MINING DIVISION
BRITISH COLUMBIA



58°44'N LATITUDE
133°33'W LONGITUDE

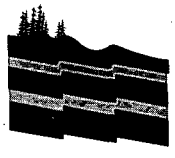
NTS 104K/12E, 13E

B. Dewonck, F.G.A.C.
P. Brucciani, B.Sc.

September 30, 1990



OREQUEST



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## SUMMARY

Between July 10 and August 5, 1990 exploration was completed on the ACE 1 - 6 mineral claims belonging to Golden Trump Resources Ltd. These claims, comprising 103 units, lie on previously unexplored ground, on the eastern side of the Tulsequah River valley.

Work entailed regional geological mapping, prospecting, and collection of 56 rock and 7 silt samples.

The main lithologies on the property are chloritic tuffs, volcaniclastics and calcareous sediments. These have been intruded by a body of quartz monzonite in the northeast and cut by several large leucocratic dykes. Similar rocks host Suntac's Polaris-Taku gold deposit and Cominco's Tulsequah Chief base metal deposit located 4 km west and 10 km southwest of the property, on the west and east sides of the Tulsequah River respectively.

Production from the Polaris-Taku Mine, since 1938 has totalled 231,000 ounces of gold from 760,000 tons of ore at an average grade of 0.3 oz/ton gold. Remaining reserves may be as high as 1,124,000 tons grading from 0.33 to 0.49 oz/ton gold.

The Tulsequah Chief deposit is currently undergoing sub-surface exploration. Together with the Big Bull deposit to the south they were mined for gold, silver, copper, lead and zinc from 1951 to 1957. They produced a total of 94,254 ounces of gold, 3,400,000 ounces of silver and 89,000 tons of copper, lead and zinc; from 1,029,089 tons

of ore. Both deposits contain classic "Kuroko style" massive sulphide mineralization.

Sulphide mineralization on the property is associated with dykes, shear zones, silicified fractures, brecciated quartz-goethite veins and quartz-epidote veins which have undergone varying degrees of limonitic and jarositic alteration.

The highest gold value in the rock samples is 50 ppb. Several more samples returned gold values up to 25 ppb. Base metal results were up to 360 ppm copper, 360 ppm zinc, 180 ppm nickel and 860 ppm arsenic. Seven silt samples were also collected which produced no values of significance.

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## INTRODUCTION

This report, prepared at the request of Prime Explorations Ltd. on behalf of Golden Trump Resources Ltd., summarizes the exploration to date on the ACE 1 - 6 claims, and presents the results of this program, known as the Mt. Eaton Project. Work was carried out in July and August of 1990.

## PROPERTY DESCRIPTION

### Location and Access

The ACE claims are located on elevated ground to the north of the confluence of the Tulsequah and Taku Rivers and approximately 10 km from the B.C. - Alaska International Boundary. The property also lies on the eastern flank of the Pacific Coast Range Mountains in northwestern British Columbia approximately 64 km northeast of Juneau, Alaska and 96 km south of Atlin, B.C. (Figures 1 and 2). The claim area lies immediately north of the Big Bull Mine, 4 km east of the Tulsequah Chief Mine and 10 km northeast of the Polaris-Taku Mine. The centre of the claim group is located at $58^{o}44'$N latitude, $133^{o}33'$W longitude.

Access to the site is by fixed or rotary wing aircraft, from either Juneau, Alaska or Atlin, B.C. A 500 metre gravel strip at the Polaris-Taku minesite provides access for STOL equipped aircraft up to the size of a Twin Otter. Five kilometres south of the minesite a 1220 metre gravel strip is capable of handling heavier aircraft such as DC-3's, Caribou and Bristol Freighters. The road connecting this

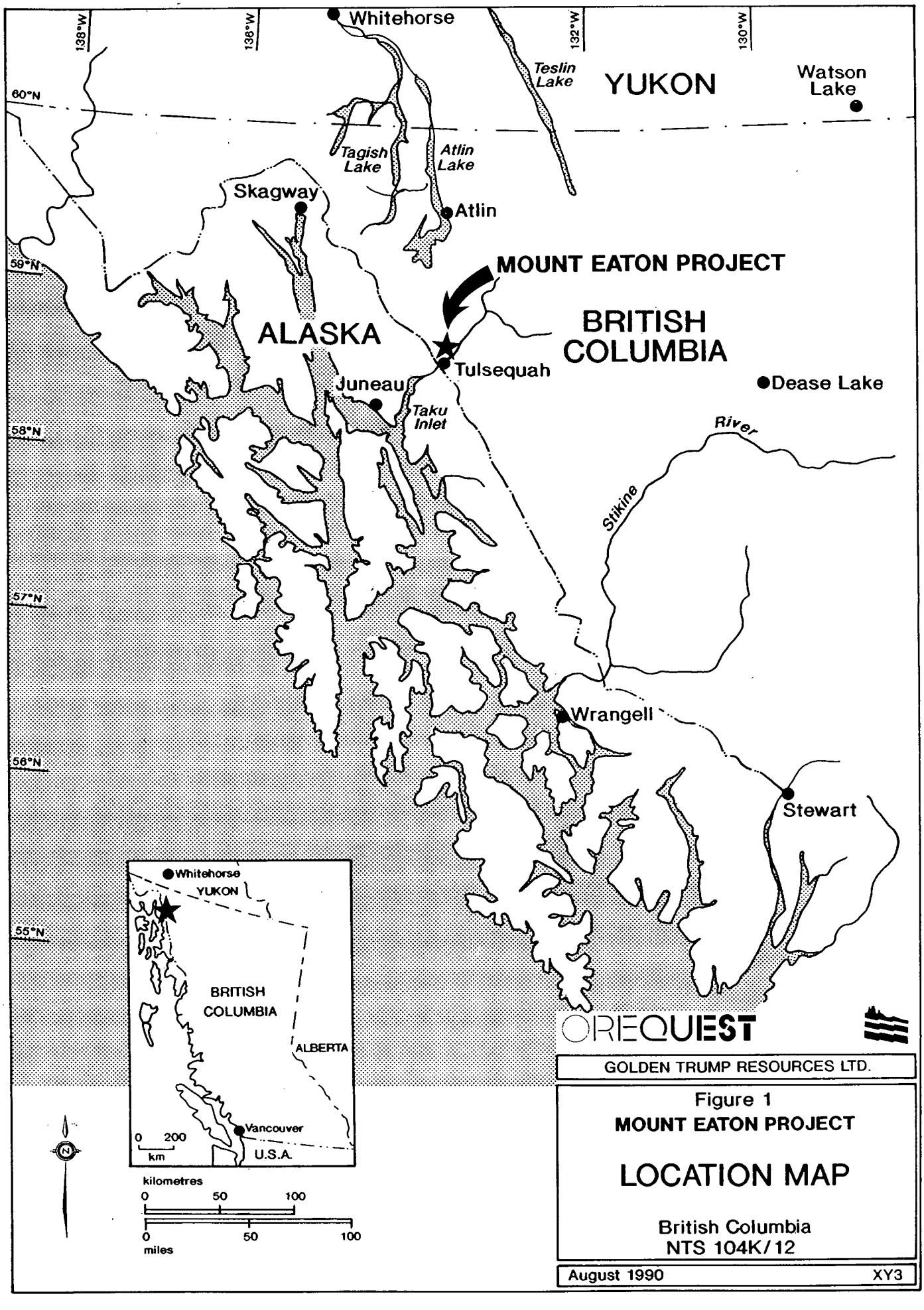
138°W
136°W
132°W
130°W
Whitehorse
Teslin Lake
YUKON
Watson Lake
60°N
Tagish Lake
Atlin Lake
Skagway
Atlin
MOUNT EATON PROJECT
59°N
ALASKA
BRITISH COLUMBIA
Tulsequah
Juneau
Dease Lake
Taku Inlet
58°N
River
Stikine
57°N
Wrangell
56°N
Stewart
55°N
Whitehorse
YUKON
BRITISH COLUMBIA
ALBERTA
Vancouver
0 200
km
U.S.A.
kilometres
0 50 100
0 50 100
miles
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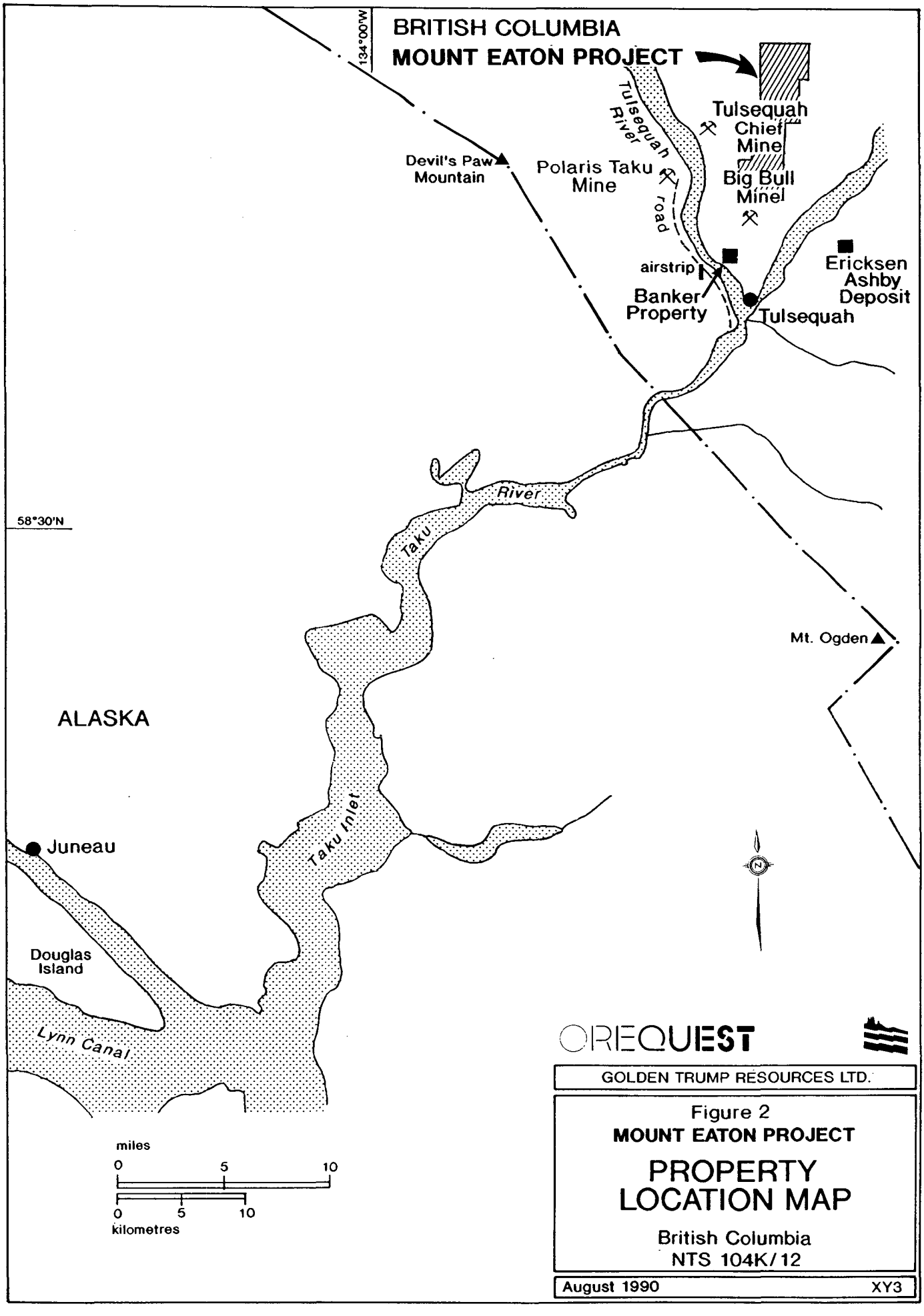
Figure 1
MOUNT EATON PROJECT
LOCATION MAP
British Columbia
NTS 104K/12
August 1990
XY3


BRITISH COLUMBIA
MOUNT EATON PROJECT
134°00'W
Tulsequah River
Tulsequah Chief Mine
Big Bull Mine
Devil's Paw Mountain
Polaris Taku Mine
road
airstrip
Banker Property
Ericksen Ashby Deposit
Tulsequah
Taku River
58°30'N
Mt. Ogden
ALASKA
Juneau
Taku Inlet
Douglas Island
Lynn Canal
N
miles
0 5 10
0 5 10
kilometres
OREQUEST
GOLDEN TRUMP RESOURCES LTD.
Figure 2
MOUNT EATON PROJECT
PROPERTY LOCATION MAP
British Columbia
NTS 104K/12
August 1990
XY3

strip with the minesite is in need of several bridges but is generally passable by skidder or other terrain adapted vehicles.

Exploration work for this project was carried out from a base camp at the Polaris-Taku minesite. Daily setouts required helicopter support.

## Physiography and Vegetation

The claim area is typical of a glaciated mountainous terrain. Elevations range from 30 m in the southeast corner of the property, at the edge of the Taku River, to 1850 m at the summit of Mt. Metzgar.

Elevations below 1000 m are densely timbered with spruce, hemlock and cedar, making the vegetation generally typical of the west coast rainforest. At higher elevations snowfields, glaciers and alpine vegetation are present.

## Claim Status

The property consists of 6 mineral claims comprising 106 units known as the ACE 1 - 6 claims (Figure 3). These are situated in the Atlin Mining Division, and held by Golden Trump Resources Ltd. Claim information is listed in Table 1 as follows:

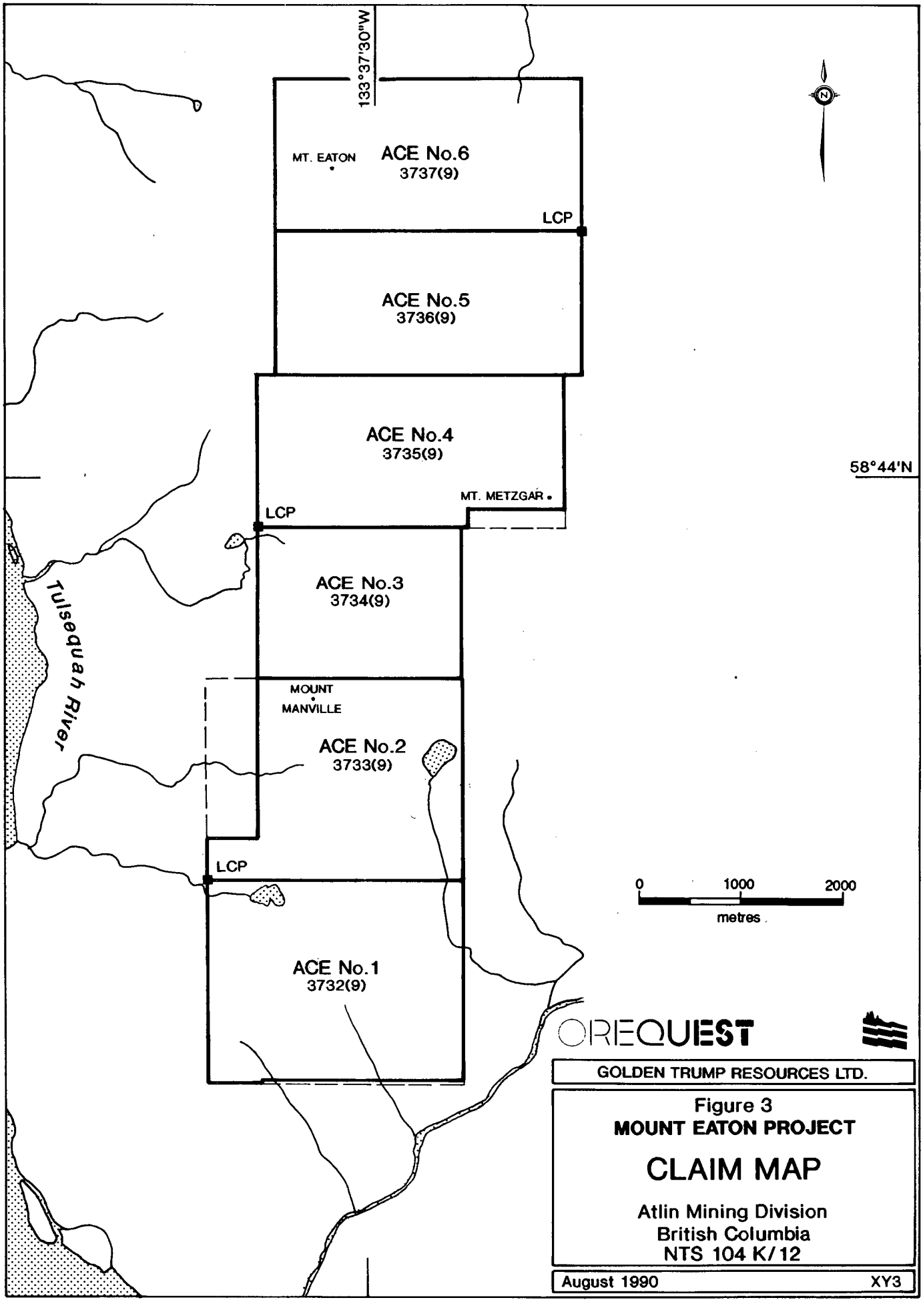

133°37'30"W
MT. EATON
ACE No.6
3737(9)
LCP
ACE No.5
3736(9)
ACE No.4
3735(9)
58°44'N
MT. METZGAR
LCP
ACE No.3
3734(9)
Tulsequah River
MOUNT
MANVILLE
ACE No.2
3733(9)
LCP
0
1000
2000
metres
ACE No.1
3732(9)
OREQUEST
GOLDEN TRUMP RESOURCES LTD.
Figure 3
MOUNT EATON PROJECT
CLAIM MAP
Atlin Mining Division
British Columbia
NTS 104 K/12
August 1990
XY3

TABLE 1: CLAIM STATUS

| CLAIM NAME | RECORD NO. | NO. OF UNITS | RECORD DATE | EXPIRY DATE |
|---|---|---|---|---|
| ACE 1 | 3732 | 20 | Sept 23/89 | Sept 23/91 |
| ACE 2 | 3733 | 20 | Sept 23/89 | Sept 23/91 |
| ACE 3 | 3734 | 12 | Sept 23/89 | Sept 23/91 |
| ACE 4 | 3735 | 18 | Sept 23/89 | Sept 23/91 |
| ACE 5 | 3736 | 18 | Sept 23/89 | Sept 23/91 |
| ACE 6 | 3737 | 18 | Sept 23/89 | Sept 23/91 |

The expiry date indicated above reflects assessment filed on the basis of work described in this report.

## GENERAL AREA HISTORY

Mineralization was first discovered in the area on the southwest side of the Whitewater Creek close to the Polaris-Taku Mine. It was staked in 1929 by Dedman, Walker, Race and Associates of Juneau, Alaska. The owners followed up the discovery with some open cut work during 1929 and 1930.

The Whitewater group and several adjoining claims were optioned in 1931 by N.A. Timmins Corporation of Montreal, which undertook surface trenching, open cutting and 5300 feet of diamond drilling in 19 holes during 1931 and 1932. This covered a large area of the hillside between the 200 and 800 foot elevations. Timmins subsequently relinquished the option.

Further investigation was carried out in 1934 by H. Townsend of Seattle and D.C. Sharpstone of Duluth which resulted in the property being bonded by E.C. Congdon and Associates. Additional exploration

work was undertaken by these interests and by 1935 the upper parts of the vein system had been developed on several levels.

The Polaris-Taku Mining Company was incorporated in British Columbia in October, 1936, and in November of that year it acquired the interest previously held by E.C. Congdon of Duluth, Minnesota. A 250 tpd flotation mill was erected on the property in 1937, and mining and milling operations were conducted from late 1938 until 1942, when production was curtailed due to wartime restrictions.

Operations resumed in 1946 and continued until March, 1951 when the mine closed down because of high operating costs. During the 11 years of operation the mine produced a total of 760,000 tons of ore, yielding some 231,000 ounces of gold at an average grade of 0.30 oz/t.

Shortly after closing, the Polaris-Taku mill was leased by Tulsequah Mines Ltd., a subsidiary of Consolidated Mining and Smelting Company of Canada Ltd., who made modifications to the mill in order to process the gold-silver-copper-lead-zinc ore from the nearby Tulsequah Chief and Big Bull mines. The mill re-opened in late July, 1951 and began treating 200 tons of ore per day, six days per week. The mill was later expanded to process 500 tons per day. It continued to treat ore from both mines until 1956 when the Big Bull mine closed, and ceased operations altogether in September, 1957 when the Tulsequah Chief mine closed down.

During the late 1970's many of the major mine and mill components were salvaged and shipped out by barge, down the Taku River.

The Polaris-Taku Mine remained virtually as it was left in 1951, when it shut down, until an option agreement between the present owner, Rembrandt Gold Mines Ltd., and Suntac Minerals Corporation was signed in the fall of 1988. Under the terms of the agreement Suntac may earn a 60% interest in the property by funding exploration and completing an evaluation of the property. Suntac began drilling immediately in 1988 and continued into 1989. By the end of 1989, 26 holes had been completed with a total footage of 16,750 feet. Nearly all of these drill holes were confined to the lower elevations of the property and were designed to test the "Y-vein" system down dip or along strike from the old workings. This vein system historically produced a large portion of the ore from the mine and work to date suggests that an additional 520,000 tons of ore grading 0.45 oz/ton gold, remains.

During the first two months of 1990 a further ten holes, totalling 9,391 feet were drilled around the relatively unexplored "C" vein system. Suntac calculations outline 366,000 short tons of new reserves averaging 0.49 oz/ton gold at a cut off grade of 0.25 oz/ton gold.

Further drilling is planned to test the "Y" and "C" vein structures at depth with the aim of defining additional reserves.

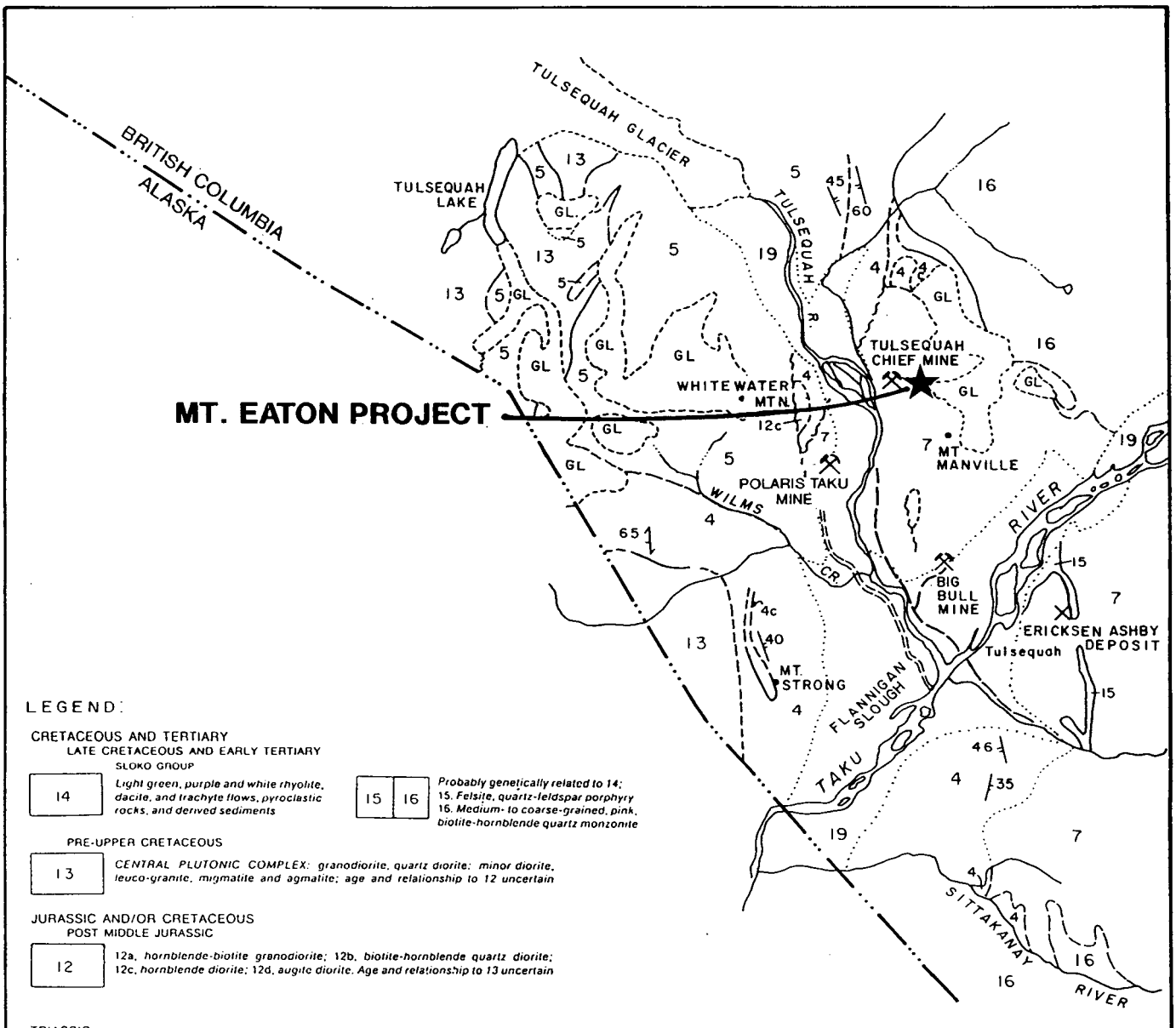
# GEOLOGY

## Regional Geology

The Tulsequah area includes a portion of the westernmost Stikine Terrain where it abuts against the gneisses and plutonic bodies of the Coast Plutonic Complex (Figure 4). The area around the Polaris-Taku Mine lies in what has been described as a northwesterly trending synclinorium in which a series of quartzites and schists are overlain by limestones and a thick volcanic unit. This volcanic unit is the host for mineralization at the Polaris-Taku Mine as well as for the syngenetic massive sulphide deposits such as the Tulsequah Chief, Big Bull, and Ericksen Ashby. Although this volcanic unit was originally considered to be of the Stuhini Group ie. Upper Triassic in age (Souther, 1971), more recent work by Nelson and Payne (1984) suggests a late Palaeozoic age based on fossil evidence.

Structural deformation of the volcanic units underlying the Tulsequah area may incorporate some components of folding, however because of the scarcity of obvious marker beds and rapid lateral facies changes these are difficult to evaluate. Block faulting with attendant rotational and drag features are probably more significant on a local scale.

Three mines have achieved production in the Tulsequah area and several other significant deposits have had considerable work done on them. Besides the Polaris-Taku, Cominco Ltd. operated the classic "Kuroko type" Big Bull and Tulsequah Chief mines from 1951 to 1957 and




LEGEND:

CRETACEOUS AND TERTIARY
LATE CRETACEOUS AND EARLY TERTIARY
SLOKO GROUP

14 — *Light green, purple and white rhyolite, dacite, and trachyte flows, pyroclastic rocks, and derived sediments*

15 | 16 — *Probably genetically related to 14; 15. Felsite, quartz-feldspar porphyry 16. Medium- to coarse-grained, pink, biotite-hornblende quartz monzonite*

PRE-UPPER CRETACEOUS

13 — *CENTRAL PLUTONIC COMPLEX: granodiorite, quartz diorite; minor diorite, leuco-granite, migmatite and agmatite; age and relationship to 12 uncertain*

JURASSIC AND/OR CRETACEOUS
POST MIDDLE JURASSIC

12 — *12a, hornblende-biotite granodiorite; 12b, biotite-hornblende quartz diorite; 12c, hornblende diorite; 12d, augite diorite. Age and relationship to 13 uncertain*

TRIASSIC
UPPER TRIASSIC
STUHINI GROUP (7, 8)

7 | 8 — *7. Mainly volcanic rocks; andesite and basalt flows, pillow lava, volcanic breccia and agglomerate, lapilli tuff; minor volcanic sandstone, greywacke, and siltstone 8. KING SALMON FORMATION: thick bedded, dark greywacke, conglomerate, mudstone, siltstone, and shale; minor andesitic lava, volcanic breccia, tuff, limestone, limy shale; locally enclosed in 7*

TRIASSIC AND EARLIER
PRE-UPPER TRIASSIC

4 — *Fine-grained, clastic sediments and intercalated volcanic rocks, largely altered to greenstone and phyllite; chert, jasper, greywacke, limestone; 4a, mainly chert, slate, argillite; minor greenstone; 4b, mainly greenstone; 4c, limestone, may include some 1*

5 — *Quartz-albite-amphibole gneiss; quartz-biotite schist, garnetiferous schist, augen gneiss, tremolite marble; mainly metamorphosed equivalents of 3 and 4, may be in part older than 3*

GL = GLACIER

0 5 10 km

adapted from J.G. Souther, 1971

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Figure 4
**MOUNT EATON PROJECT**

# REGIONAL GEOLOGY

British Columbia
NTS 104 K/12

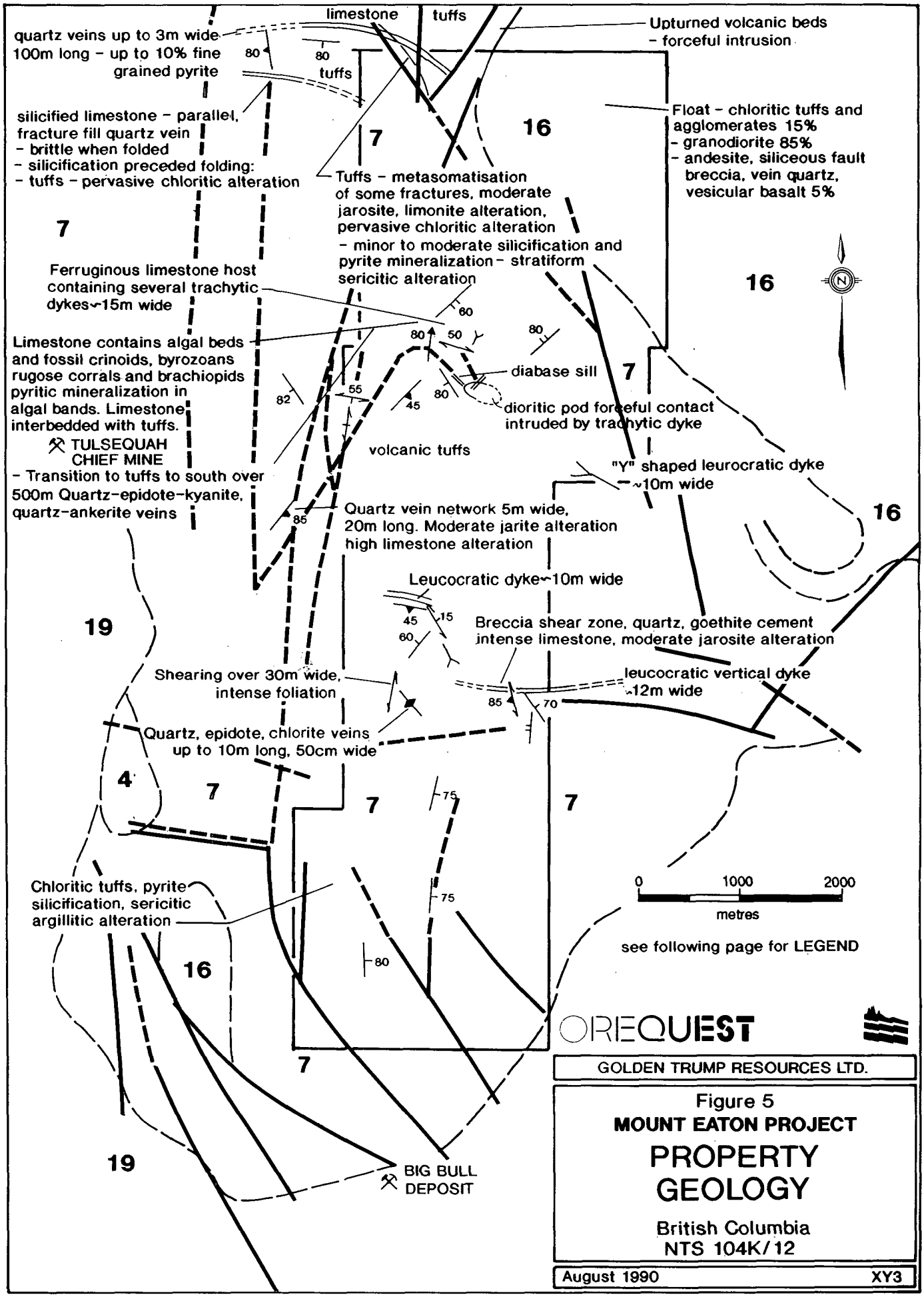
August 1990

produced 94,254 ounces of gold, 3,400,000 ounces of silver, 13,603 tons copper, 13,463 tons lead and 62,346 tons zinc from 1,029,089 tons of ore. The Ericksen Ashby deposit consists of zinc-silver mineralization and is in all likelihood a volcanogenic massive sulphide deposit. A drill indicated reserve of 1 million tons grading 7.0% zinc and 6 oz/T silver has been developed. During 1988 and 1989 Redfern Resources and Cominco Ltd. have been exploring the Tulsequah Chief deposit on a joint venture basis. Drill indicated reserves now stand at 5.8 million tons grading 1.6% copper, 1.3% lead, 7.0% zinc, 0.08 oz/T gold and 2.9 oz/T silver. Though largely undeveloped, the Banker property, currently being explored by Sunport Metals Corporation, shows considerable promise. It has some similarities to the Polaris-Taku deposit 3 miles to the northwest in that gold bearing arsenopyrite stringer zones have been encountered in drilling. The geological setting and the presence of base metals (copper, lead and zinc) also suggest some similarities with the Kuroko deposits described above.

Present geological information would place all these deposits in the Upper Paleozoic, probably pre-Permian. The proximity of these deposits to each other and the fact that they seem to be hosted in similar aged rocks suggests the possibility of a genetic relationship.

## Property Geology

The following description of property geology as well as information appearing in Figure 5 is based on published references,

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GOLDEN TRUMP RESOURCES LTD.

Figure 5

**MOUNT EATON PROJECT**

# PROPERTY GEOLOGY

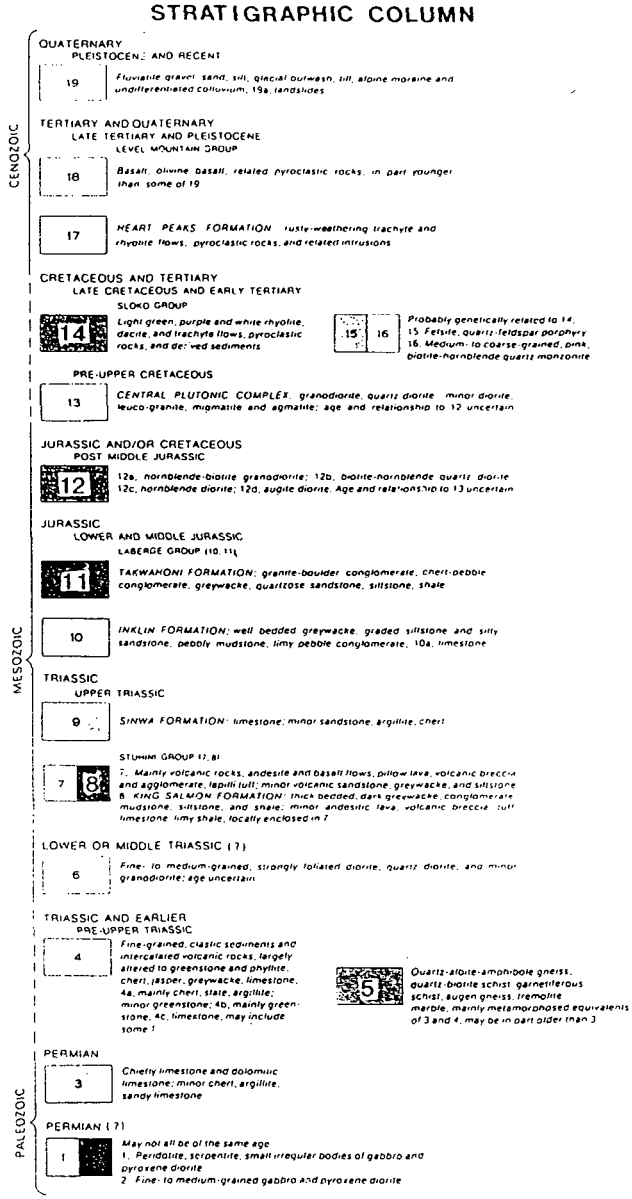
British Columbia
NTS 104K/12

August 1990 XY3

# GEOLOGY LEGEND

## for Figure 5

### STRATIGRAPHIC COLUMN




Air photo lineaments

Geological contact

Shear zone (strike and dip)

Direction of younging

Fold azimuth and plunge

Jointing (strike and dip)

Bedding (strike and dip)

Foliation (strike and dip)

Vein (strike and dip)

Dyke (strike and dip)

a brief study of air photos of the general area and observations made during limited reconnaissance traverses. Budget constraints precluded mapping on a sufficiently detailed scale to provide outcrop detail. Government topographic maps were used as base maps. Work was directed primarily at recording general observations and sampling prospective areas of alteration, mineralization, veining and/or structure.

The claims are predominantly underlain by agglomerates, tuffs, volcaniclastics and calcareous sediments of the Stuhini Group.

This group was originally considered to be of Upper Triassic age (Souther, 1971), however, recent work by Nelson and Payne (1984), suggests a late Palaeozoic age based on fossil evidence.

Tuffs and volcaniclastics are the dominant lithology forming 80% of rocks. They are typically, fine grained, light to dark grey or green in colour and intermediate in composition. Primary depositional structures are present in the form of planar beds <1 cm to 3 m in thickness. North of Mt. Metzgar lapilli tuffs and agglomerates are present over large areas. They are punctuated by conformable bands of limestone up to 20 m in thickness and visible over 500 m along strike. The contact with the limestone is typically gradational consisting of a zone, of intercalated beds, up to 10 m wide.

The limestone horizons are composed mostly of fine grained calcareous mudstone, although beds of algal and bioclastic limestone

are often seen. Bioclastic limestone may contain crinoid, brachiopod, rugose coral and bryozoan fossils forming up to 70% of the rock, in a fine grained calcareous matrix.

The structure and composition of the rocks on the property suggests volcanic deposition may have occurred in a warm shallow submarine environment with limestone horizons representing periods of lapsed volcanic deposition and the development of lagoonal and reef environments.

To the east of Mt. Eaton the rocks of the Stuhini Group have been intruded by a large pluton of coarse grained massive pink, hornblende, quartz monzonite. This body is late Cretaceous to early Tertiary in age and genetically related to the acidic volcanics of the Sloko Group (Souther, 1971). The upturned volcanic beds at the contact suggest the intrusion was a forceful, rather than passive, event. Striking roughly perpendicular to the contact are a series of dykes, up to 10 m wide, which dip vertically or steeply to the south. They are leucocratic, and of trachytic or felsic composition. Also seen are occasional small plugs and sills of diabasic composition. These have been intruded by the later acidic intrusives.

To the south the overturned volcanics and sediments dip steeply to the east. In the centre of the property, they form an open syncline striking westerly and plunging at approximately $30^{o}$. South of Mt. Eaton the rocks dip steeply to the south. Shears and faults

on a local scale which strike north-south to northwest-southeast, are similarly oriented to air photo lineaments, up to 10 km long, that cross the property.

Limonitic staining derived from sulphide oxidation can be seen in gossanous areas around Mt. Manville, and northwest of Mt. Metzgar and Mt. Eaton. Gossans are associated with areas of moderate quartz, quartz-epidote or quartz-ankerite veins, up to 3 m wide and 100 m long. Sulphide mineralization, predominantly in the form of pyrite, rarely exceeds 5% within the veins. The host rocks may show varying degrees of silicic, sericitic or jarositic alteration superimposed on the pervasive chlorite alteration observed on a regional scale. In the vicinity of the monzonite contact moderate metasomatic activity along fractures within the volcanics has created up to 10% porosity. Pervasive sericitic and epidote alteration is present up to 150 m from the contact.

Silicified rocks associated with quartz veins show evidence of brittle deformation around the contact. This may suggest vein formation predates the intrusion of the monzonite and may be associated with the earlier emplacement of the "Central Plutonic Complex".

## PROPERTY GEOCHEMISTRY

A total of 60 rock grab samples and 7 silt samples were gathered from traverses through northern, central and southern parts of the

property (Figure 6). Of these, seven rock samples contained between 10 and 50 ppb gold with the remainder being 5 ppb or less.

Four of the rock samples showed weakly anomalous values in copper, zinc, nickel and arsenic, Samples 29811 and 29812 returned values of 360 and 120 ppm zinc with #29811 also having 180 ppm nickel. These were samples of quartz vein material containing minor pyrite peripheral to a shear zone. An arsenic value of 820 ppm was obtained from a quartz vein within an agglomeratic host rock showing abundant limonite and jarosite alteration (#28151). The maximum copper value obtained from the sampling was 360 ppm in sample #28101 - also in a limonitic quartz vein. These veins are generally narrow and of limited strike extent.

All silt samples returned less than 5 ppb gold. Copper values of 120 ppm and 110 ppm are recorded for samples S19 and S20 respectively, with the latter sample also producing 190 ppm arsenic. These were collected by hand, into kraft paper bags, from active drainages.

All samples were shipped to TSL Labs in Saskatoon, Saskatchewan for analysis for gold by atomic absorption plus 35 elements by inductively coupled plasma (ICP) spectrophotometry. Rock sample descriptions are found in Appendix I followed by assay certificates in Appendix II and analytical procedures in Appendix III.

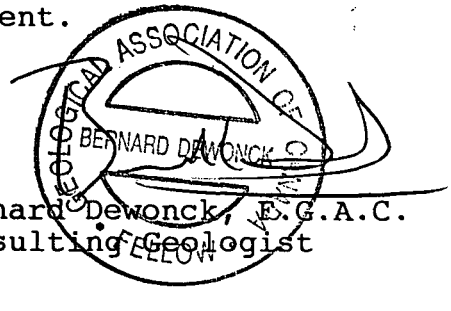
## STATEMENT OF EXPENDITURES

| | | |
|---|---|---|
| Mobilization/Demobilization (prorated from Tulsequah Project) | | $ 751.21 |
| Wages: | | |
| P. Brucciani (geologist) | 2.25 days @ $330/day | $ 742.50 |
| K. Goerlitz (field asst) | .75 days @ $220/day | 165.00 |
| A. Maj ( " ) | 1.5 days @ $250/day | 375.00 |
| F. Moyle ( " ) | .75 days @ $220/day | 165.00 |
| *G. Cavey (consulting geologist) | 3 days @ $525/day x 10% | 157.50 |
| *J. Chapman ( " ) | 6.55 days @ $450/day x 10% | 294.75 |
| *B. Dewonck ( " ) | 6.45 days @ $450/day x 10% | 290.25 |
| *P. Brucciani(prospector) | 6 days @ $330/day x 10% | 198.00 |
| Transportation and Communication (prorated from Tulsequah Project) | | $ 320.76 |
| Support Costs: Camp, Cook Expediting, Fuel, Food, Etc. (prorated fro Tulsequah Project) | | $2533.36 |
| Helicopter | | $2722.28 |
| Analyses | | $1088.74 |
| Report (partial) | | $1077.74 |
| Total | | $10882.09 |

## CERTIFICATE OF QUALIFICATIONS

I, Bernard Dewonck, of 11931 Dunford Road, Richmond, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1974) and hold a BSc. degree in geology.
2. I am an independent consulting geologist retained by OreQuest Consultants Ltd. of 306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. This report is based on work performed on the Mt. Eaton Project by OreQuest Consultants Ltd. in July and August, 1990, and a review of material listed in the bibliography.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property or in the securities of Golden Trump Resources Ltd.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.




Bernard Dewonck, F.G.A.C.
Consulting Geologist

DATED at Vancouver, British Columbia, this 30th day of September, 1990

## CERTIFICATE OF QUALIFICATIONS

I, Paul Brucciani, of 15 Knighton Park Road, Stoneygate, Leicester, U.K., hereby certify:

1. I am a graduate of the University of Aberdeen, Scotland (1987) and hold a B.Sc. Honours degree in Geology and Mineralogy.
2. I am presently employed as a geologist with OreQuest Consultants Ltd. of 306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various companies since graduation and have worked on projects in Canada, Australia, Cyprus and the United Kingdom.
4. The information contained in this report was obtained by direct onsite supervision of the work done on the property by OreQuest Consultants Ltd. in 1990 and a review of all data listed in the Bibliography.
5. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct of indirect interest in the property or in the securities of Golden Trump Resources Ltd. or any of their subsidiaries.
6. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts of other public document.

Paul Brucciani, B.Sc.
Geologist

DATED at Vancouver, British Columbia, this 30 th day of September 1990.

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SOUTHER, J.G.
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SUNTAC MINERALS CORPORATION
1989: February 28 Statement of Material Facts.

VARIOUS MAPS, Plans, Sections, Etc. in Company Files.

# APPENDIX I

# ROCK SAMPLE DESCRIPTIONS

Mt. Eaton PROJECT

| Sample | Date | Location | Lithology | Remarks / Alteration / Structure | Mineralization | Analysis |
|---|---|---|---|---|---|---|
| 28 101 | July 14/90 | NW of Mt. Eaton | quartz vein | agglomerate host, limonite & jarosite alteration | minor pyrite | |
| 102 | " | " | " | limestone " " " " | " | |
| 103 | July 15/90 | S of Mt. Manville | chloritic tuff | moderate silicification, close to fault | | |
| 104 | " | " | " | argillic sericitic alteration, silicification | | |
| 105 | " | " | chert | boulder, jarosite & limonite alteration | minor pyrite | |
| 28 106 | July 16/90 | " | chloritic tuff | pervasive silicification, vuggy " " | moderate pyrite | |
| 28 120 | July 20/90 | S of Mt. Eaton | Fe limestone/trachyte | vuggy limestone, high limonite alteration at dyke contact | | |
| 121 | " | " | Fe limestone | calcite filled dilation fractures | | |
| 122 | " | " | " | quartz vein | minor hematite | |
| 123 | " | " | " | brecciated qtz ankerite vein in shear | | |
| 124 | " | " | algal limestone | quartz veins parallel to bedding | massive euhedral pyrite | |
| 125 | " | " | limestone/diorite | intrusive contact, hornfelsed limestone | minor pyrite | |
| 126 | " | " | limestone/tuff | qtz-ankerite-calcite vein network | moderate pyrite | |
| 127 | " | " | " | " | " | |
| 128 | " | " | chloritic tuff | qtz-epidote-kyanite vein | | |
| 129 | " | " | " | limonitic alteration of fractures, close to basic dyke | | |
| 130 | " | " | " | high limonite alteration | oxidized sulphides | |
| 28 131 | " | " | " | quartz-epidote-kyanite vein | | |
| 28 151 | July 15/90 | NW of Mt. Eaton | quartz vein | agglomeratic host, high limonite & jarosite alteration | moderate pyrite, hematite | |
| 28 152 | " | " | " | " " " " " | " | |
| 153 | " | SSW of Mt. Eaton | chloritic tuff | qtz vein network " " " | " | moderate pyrite |
| 180 | July 20/90 | S of Mt. Manville | " | pervasive chloritic alteration | | |
| 181 | " | " | " | pervasive chloritic & limonitic alteration | | |
| 182 | " | " | " | sheared, moderate limonite, minor sericite alteration | | |
| 183 | " | " | " | pervasive chloritic, minor limonitic alteration | | |
| 184 | " | " | " | sheared, moderate limonitic, argillic alteration | | |
| 185 | " | " | " | " " " " " | trace pyrite | |
| 186 | " | " | quartz vein | moderate limonite, minor jarosite alteration | minor pyrite | |
| 187 | " | " | " | moderate limonitic, jarositic alteration | moderate pyrite | |
| 28 188 | " | " | " | siliceous tuffaceous host | moderate pyrite, trace chalcopyrite | |

Mt. Eaton PROJECT

| Sample: | Date: | Location: | Lithology: | Remarks / Alteration / Structure: | Mineralization: | Analysis: |
|---|---|---|---|---|---|---|
| 28189 | July 20/90 | S of Mt Manville | chloritic tuff | sheared limonite in fractures | | |
| 190 | " | " | " | quartz veinlets | | |
| 191 | " | " | " | quartz epidote vein network | | |
| 192 | " | " | qtz vein | 1/2 a series parallel to bedding | minor pyrite | |
| 28193 | " | " | chloritic tuff | moderate limonite, trace jarosite alteration | | |
| 29807 | July 29/90 | E of Mt. Eaton | quartz vein | qtz vein in chloritic tuff boulder, moderate jarosite limonite alteration | trace pyrite | |
| 808 | " | " | brecciated chert | moderate jarosite, limonite alteration | moderate pyrite | |
| 809 | " | NW of Mt. Eaton | chloritic tuff | metasomatized, vuggy, silicified, sericite alteration | | |
| 810 | " | " | " | " " " " | | |
| 811 | " | E of Mt Manville | " | brecciated vuggy qtz limonite vein in shear | minor pyrite | |
| 812 | " | " | " | qtz veining parallel to shear moderate limonite alt'n | trace pyrite | |
| 813 | " | " | " | High argillic alteration & silicification | oxidized sulphides in fractures | |
| 814 | " | N. of Mt Manville | " | qtz vein, moderate limonite alteration | | |
| 815 | " | " | " | " high limonite alteration & brecciation | | |
| 29816 | " | " | " | agglomerate host, qtz-epidote veining | | |
| 31694 | " | E of Mt. Eaton | " | qtz veinlets & jarosite alteration in boulders | trace pyrite | |
| 695 | " | " | granodiorite | minor quartz veining | | |
| 698 | " | " | " | limonitic alteration in fractures | | |
| 699 | " | E of Mt. Manville | chloritic tuff | high limonitic alteration in shear | | |
| 31700 | " | " | " | moderate " " " " | trace pyrite | |
| 35000 | " | " | " | " " " | | |
| 001 | " | " | " | sheared - quartz veinlets | | |
| 002 | " | " | " | sheared tuff, silicified | | |
| 003 | " | " | quartz epidote vein | veining roughly parallel to strike | | |
| 35004 | " | " | chloritic tuff | qtz vein, minor limonitic alteration | | |

# APPENDIX II

## ASSAY CERTIFICATES

**TSL LABORATORIES**
DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

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

# CERTIFICATE OF ANALYSIS

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

REPORT No.
S9736

INVOICE #: 14454
P.O.: R-2093

SAMPLE(S) OF Rock

P. Brucciani
Project: Mt. Eaton

REMARKS: Suntac Camp Kawdy Ventures

| | Au ppb |
|---|---|
| 28101 | <5 |
| 28102 | 10 |
| 28103 | 5 |
| 28104 | <5 |
| 28105 | <5 |
| 28106 | <5 |
| 28151 | 25 |
| 28152 | <5 |
| 28153 | <5 |

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

Aug 26/90

SIGNED Bernice Quan

CTA

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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. S9732

INVOICE #: 14435
P.O.: R-2103

SAMPLE(S) OF Rock

P. Brucciani
Project: Mt. Eaton

REMARKS: Suntac Camp Kawdy Ventures

| | Au ppb |
|---|---|
| 28120 | <5 |
| 28121 | <5 |
| 28122 | <5 |
| 28123 | <5 |
| 28124 | <5 |
| 28125 | <5 |
| 28126 | <5 |
| 28127 | <5 |
| 28128 | <5 |
| 28129 | <5 |
| 28130 | <5 |
| 28131 | <5 |
| 28180 | <5 |
| 28181 | 5 |
| 28182 | <5 |
| 28183 | <5 |
| 28184 | <5 |
| 28185 | <5 |
| 28186 | <5 |
| 28187 | <5 |

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

REPORT No. S9732

INVOICE #: 14435
P.O.: R-2103

SAMPLE(S) OF Rock

P. Brucciani
Project: Mt. Gaton

REMARKS: Suntac Camp Kawdy Ventures

| | Au ppb |
|---|---|
| 28188 | 25 |
| 28189 | <5 |
| 28190 | <5 |
| 28191 | <5 |
| 28192 | <5 |
| 28193 | <5 |

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# CERTIFICATE OF ANALYSIS

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

REPORT No. S9469

INVOICE #: 14551
P.O.: R-2166

SAMPLE(S) OF Rock

Project: Mt. Eaton

REMARKS: OreQuest Consultants

| | Au ppb |
|---|---|
| 29807 | <5 |
| 29808 | <5 |
| 29809 | <5 |
| 29810 | <5 |
| 29811 | 40 |
| 29812 | 50 |
| 29813 | <5 |
| 29814 | <5 |
| 29815 | <5 |
| 29816 | <5 |
| 31694 | <5 |
| 31695 | 5 |
| 31698 | <5 |
| 31699 | <5 |
| 31700 | <5 |
| 35000 | <5 |
| 35001 | <5 |
| 35002 | <5 |
| 35002 A | <5 |
| 35003 | 25 |

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Vancouver, B.C.
V6C 2X6

REPORT No. S9469

INVOICE #: 14551
P.O.: R-2166

SAMPLE(S) OF Rock

Project: Mt. Gaton

REMARKS: OreQuest Consultants

| | Au ppb |
|---|---|
| 35004 | <5 |

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

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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

T.S.L. REPORT No. : S - 9736 - 1 9333
T.S.L. File No. :
T.S.L. Invoice No. : 14737

PROJECT: MT. GATON GREQUEST CONSULTANTS LTD. R-2093 ALL RESULTS PPM

| ELEMENT | | 28101 | 28102 | 28103 | 28104 | 28105 | 28106 |
|---|---|---|---|---|---|---|---|
| Aluminum | [Al] | 2400 | 1400 | 11000 | 4700 | 2200 | 9900 |
| Iron | [Fe] | 19000 | 26000 | 19000 | 6800 | 32000 | 26000 |
| Calcium | [Ca] | 2000 | 4200 | 17000 | 1200 | 320 | 640 |
| Magnesium | [Mg] | 700 | 1700 | 5800 | 2900 | 1100 | 6100 |
| Sodium | [Na] | 30 | 40 | 340 | 300 | 550 | 170 |
| Potassium | [K ] | 1700 | 300 | 840 | 710 | 940 | 840 |
| Titanium | [Ti] | 100 | 10 | 76 | 11 | 1300 | 190 |
| Manganese | [Mn] | 19 | 30 | 710 | 210 | 35 | 160 |
| Phosphorus | [P ] | 700 | 120 | 160 | 280 | 270 | 360 |
| Barium | [Ba] | 18 | 4 | 140 | 22 | 21 | 120 |
| Chromium | [Cr] | 94 | 110 | 68 | 40 | 60 | 26 |
| Zirconium | [Zr] | 7 | 5 | 4 | 2 | 4 | 4 |
| Copper | [Cu] | 360 | 61 | 43 | 8 | 10 | 19 |
| Nickel | [Ni] | 74 | 68 | 12 | 5 | 4 | 4 |
| Lead | [Pb] | 2 | 3 | 2 | 2 | 2 | 2 |
| Zinc | [Zn] | 22 | 19 | 44 | 13 | 3 | 8 |
| Vanadium | [V ] | 10 | 4 | 16 | 7 | 27 | 23 |
| Strontium | [Sr] | 8 | 36 | 53 | 6 | 12 | 8 |
| Cobalt | [Co] | 31 | 9 | 2 | 3 | 3 | 6 |
| Molybdenum | [Mo] | 6 | 10 | < 2 | < 2 | 36 | < 2 |
| Silver | [Ag] | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 |
| Cadmium | [Cd] | 3 | 1 | < 1 | < 1 | < 1 | < 1 |
| Beryllium | [Be] | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 |
| Boron | [B ] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Antimony | [Sb] | 80 | 10 | < 5 | < 5 | < 5 | < 5 |
| Yttrium | [Y ] | 4 | 1 | 3 | 2 | 1 | 3 |
| Scandium | [Sc] | < 1 | < 1 | 5 | 3 | 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 | 30 |
| Arsenic | [As] | 250 | 100 | 10 | 10 | 5 | < 5 |
| Bismuth | [Bi] | 10 | 10 | 25 | 10 | 10 | 15 |
| Tin | [Sn] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Lithium | [Li] | < 5 | < 5 | 15 | < 5 | < 5 | 10 |
| Holmium | [Ho] | < 10 | < 10 | < 10 | < 10 | 40 | < 10 |

DATE : AUG-25-1990

SIGNED : Bernie Quinn

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

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Aqua-Regia Digestion

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

T.S.L. REPORT No. : S - 9736 - 2
T.S.L. File No. :
T.S.L. Invoice No. : 14757

PROJECT: MT. GATON OREQUEST CONSULTANTS LTD. R-2093 ALL RESULTS PPM

| ELEMENT | | 28151 | 28152 | 28153 |
|---|---|---|---|---|
| Aluminum | [Al] | 7800 | 610 | 1900 |
| Iron | [Fe] | 37000 | 83000 | 23000 |
| Calcium | [Ca] | 13000 | 560 | 1000 |
| Magnesium | [Mg] | 3900 | 370 | 200 |
| Sodium | [Na] | 90 | 30 | 190 |
| Potassium | [K ] | 2500 | 230 | 1200 |
| Titanium | [Ti] | 1700 | 81 | 1600 |
| Manganese | [Mn] | 130 | 12 | 8 |
| Phosphorus | [P ] | 4300 | 190 | 340 |
| Barium | [Ba] | 56 | 6 | 37 |
| Chromium | [Cr] | 84 | 65 | 22 |
| Zirconium | [Zr] | 3 | 4 | 4 |
| Copper | [Cu] | 27 | 2 | 9 |
| Nickel | [Ni] | 70 | 130 | 21 |
| Lead | [Pb] | 7 | 5 | 2 |
| Zinc | [Zn] | 24 | 6 | 2 |
| Vanadium | [V ] | 17 | < 1 | 13 |
| Strontium | [Sr] | 39 | 5 | 3 |
| Cobalt | [Co] | 14 | 12 | 8 |
| Molybdenum | [Mo] | < 2 | 44 | 8 |
| Silver | [Ag] | < 1 | < 1 | < 1 |
| Cadmium | [Cd] | 10 | 2 | < 1 |
| Beryllium | [Be] | < 1 | < 1 | < 1 |
| Boron | [B ] | < 10 | < 10 | < 10 |
| Antimony | [Sb] | 15 | < 5 | < 5 |
| Yttrium | [Y ] | 7 | 1 | 2 |
| Scandium | [Sc] | 2 | < 1 | < 1 |
| Tungsten | [W ] | 10 | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 | < 10 |
| Thorium | [Th] | < 10 | 10 | < 10 |
| Arsenic | [As] | 820 | 140 | 30 |
| Bismuth | [Bi] | 20 | 35 | < 5 |
| Tin | [Sn] | < 10 | < 10 | < 10 |
| Lithium | [Li] | 15 | < 5 | < 5 |
| Holmium | [Ho] | 60 | 20 | 50 |

DATE : AUG-25-1990

SIGNED : Bernie Quinn

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

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Aqua-Regia Digestion

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

T.S.L. REPORT No. : S - 9732 - 1
T.S.L. File No. :
T.S.L. Invoice No. : 14680

Project: MT. [redacted]ATON R-2103 ALL RESULTS PPM

| ELEMENT | | 28120 | 28121 | 28122 |
|---|---|---|---|---|
| Aluminum | [Al] | 12000 | 9700 | 1200 |
| Iron | [Fe] | 27000 | 23000 | 7600 |
| Calcium | [Ca] | 26000 | 14000 | 11000 |
| Magnesium | [Mg] | 3800 | 3200 | 520 |
| Sodium | [Na] | 140 | 130 | 50 |
| Potassium | [K ] | 1000 | 1100 | 170 |
| Titanium | [Ti] | 34 | 10 | 15 |
| Manganese | [Mn] | 320 | 170 | 120 |
| Phosphorus | [P ] | 400 | 210 | 130 |
| Barium | [Ba] | 72 | 70 | 380 |
| Chromium | [Cr] | 31 | 37 | 94 |
| Zirconium | [Zr] | 3 | 2 | < 1 |
| Copper | [Cu] | 29 | 15 | 2 |
| Nickel | [Ni] | 17 | 13 | 4 |
| Lead | [Pb] | 1 | 4 | 5 |
| Zinc | [Zn] | 64 | 69 | 5 |
| Vanadium | [V ] | 32 | 16 | 4 |
| Strontium | [Sr] | 110 | 240 | 86 |
| Cobalt | [Co] | 8 | 5 | 1 |
| 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 ] | 6 | 4 | < 1 |
| Scandium | [Sc] | 5 | 2 | < 1 |
| Tungsten | [W ] | < 10 | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 | < 10 |
| Thorium | [Th] | 20 | 20 | < 10 |
| Arsenic | [As] | 100 | 10 | < 5 |
| Bismuth | [Bi] | < 5 | < 5 | < 5 |
| Tin | [Sn] | < 10 | < 10 | < 10 |
| Lithium | [Li] | 10 | 15 | < 5 |
| Holmium | [Ho] | < 10 | < 10 | < 10 |

DATE : AUG-16-1990

SIGNED : Bernie Dunn

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

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Aqua-Regia Digestion

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

T.S.L. REPORT No. : S - 9732 - 2
T.S.L. File No. :
T.S.L. Invoice No. : 14680

Project: MT. GATON R-2103 ALL RESULTS PPM

| ELEMENT | | 28123 | 28124 | 28125 | 28126 | 28127 | 28128 | 28129 | 28130 | 28131 |
|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | [Al] | 5700 | 7200 | 12000 | 13000 | 8900 | 4800 | 3400 | 9000 | 3300 |
| Iron | [Fe] | 17000 | 15000 | 27000 | 31000 | 46000 | 7600 | 8900 | 20000 | 5100 |
| Calcium | [Ca] | 45000 | 27000 | 73000 | 41000 | 11000 | 7900 | 1000 | 83000 | 19000 |
| Magnesium | [Mg] | 5900 | 5200 | 6200 | 6400 | 3200 | 3200 | 840 | 2900 | 1100 |
| Sodium | [Na] | 90 | 80 | 120 | 110 | 130 | 80 | 130 | 60 | 140 |
| Potassium | [K ] | 370 | 350 | 220 | 640 | 1300 | 90 | 1100 | 260 | 200 |
| Titanium | [Ti] | 11 | 91 | 20 | 6 | 7 | 370 | 19 | 8 | 130 |
| Manganese | [Mn] | 330 | 190 | 770 | 340 | 190 | 130 | 290 | 500 | 220 |
| Phosphorus | [P ] | 130 | 530 | 1200 | 700 | 220 | 160 | 98 | 320 | 320 |
| Barium | [Ba] | 37 | 14 | 15 | 33 | 59 | 41 | 60 | 690 | 40 |
| Chromium | [Cr] | 26 | 72 | 15 | 26 | 27 | 76 | 39 | 35 | 41 |
| Zirconium | [Zr] | 2 | 2 | 3 | 4 | 4 | 2 | 4 | 7 | 1 |
| Copper | [Cu] | 14 | 12 | 3 | 35 | 30 | 11 | 1 | 35 | 4 |
| Nickel | [Ni] | 16 | 18 | 3 | 21 | 11 | 5 | < 1 | 7 | 2 |
| Lead | [Pb] | 6 | 1 | 1 | 13 | 19 | 9 | 31 | 3 | < 1 |
| Zinc | [Zn] | 29 | 26 | 47 | 30 | 31 | 11 | 38 | 54 | 8 |
| Vanadium | [V ] | 25 | 23 | 18 | 25 | 20 | 17 | < 1 | 28 | 11 |
| Strontium | [Sr] | 120 | 100 | 260 | 100 | 29 | 33 | 7 | 72 | 49 |
| Cobalt | [Co] | 6 | 7 | 4 | 13 | 8 | 4 | < 1 | 3 | 2 |
| Molybdenum | [Mo] | < 2 | < 2 | < 2 | < 2 | 12 | < 2 | < 2 | < 2 | < 2 |
| Silver | [Ag] | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 |
| Cadmium | [Cd] | 11 | < 1 | < 1 | < 1 | 1 | < 1 | < 1 | < 1 | < 1 |
| Beryllium | [Be] | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 |
| Boron | [B ] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Antimony | [Sb] | 15 | 5 | 5 | 5 | 5 | < 5 | < 5 | < 5 | < 5 |
| Yttrium | [Y ] | 5 | 4 | 15 | 7 | 2 | < 1 | 3 | 20 | 2 |
| Scandium | [Sc] | 2 | 2 | 5 | 4 | 2 | 1 | < 1 | 8 | < 1 |
| Tungsten | [W ] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Thorium | [Th] | 20 | 10 | 30 | 30 | 30 | < 10 | < 10 | 10 | < 10 |
| Arsenic | [As] | 20 | < 5 | 25 | 45 | 65 | < 5 | 35 | 10 | < 5 |
| Bismuth | [Bi] | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tin | [Sn] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Lithium | [Li] | 10 | 15 | 20 | 30 | 10 | < 5 | < 5 | 15 | 5 |
| Holmium | [Ho] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |

DATE : AUG-16-1990

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 - 9732 - 3
T.S.L. File No. :
T.S.L. Invoice No. : 14680

Project: MT. GATON R-2103 ALL RESULTS PPM

| ELEMENT | | 28180 | 28181 |
|---|---|---|---|
| Aluminum | [Al] | 4700 | 8500 |
| Iron | [Fe] | 14000 | 23000 |
| Calcium | [Ca] | 6300 | 3500 |
| Magnesium | [Mg] | 2700 | 3600 |
| Sodium | [Na] | 130 | 80 |
| Potassium | [K ] | 1100 | 460 |
| Titanium | [Ti] | 17 | 12 |
| Manganese | [Mn] | 270 | 840 |
| Phosphorus | [P ] | 240 | 150 |
| Barium | [Ba] | 71 | 23 |
| Chromium | [Cr] | 20 | 12 |
| Zirconium | [Zr] | < 1 | 2 |
| Copper | [Cu] | 14 | 4 |
| Nickel | [Ni] | 3 | 3 |
| Lead | [Pb] | 1 | 13 |
| Zinc | [Zn] | 18 | 73 |
| Vanadium | [V ] | 10 | 7 |
| Strontium | [Sr] | 17 | 5 |
| Cobalt | [Co] | 4 | 4 |
| 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 ] | 3 | 2 |
| Scandium | [Sc] | 1 | < 1 |
| Tungsten | [W ] | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 |
| Thorium | [Th] | < 10 | 50 |
| Arsenic | [As] | < 5 | 15 |
| Bismuth | [Bi] | < 5 | < 5 |
| Tin | [Sn] | < 10 | < 10 |
| Lithium | [Li] | < 5 | 5 |
| Holmium | [Ho] | < 10 | < 10 |

DATE : AUG-16-1990

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 - 9732 - 4
T.S.L. File No. :
T.S.L. Invoice No. : 14680

Project: MT. GATON R-2103 ALL RESULTS PPM

| ELEMENT | | 28182 | 28183 | 28184 | 28185 | 28186 | 28187 | 28188 | 28189 | 28190 | 28191 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | [Al] | 7500 | 14000 | 2400 | 18000 | 1300 | 270 | 7000 | 19000 | 14000 | 18000 |
| Iron | [Fe] | 15000 | 27000 | 11000 | 29000 | 2900 | 1800 | 9600 | 21000 | 15000 | 20000 |
| Calcium | [Ca] | 17000 | 5200 | 360 | 11000 | 520 | 200 | 1100 | 4300 | 29000 | 6200 |
| Magnesium | [Mg] | 2400 | 4300 | 1400 | 6500 | 960 | 170 | 4600 | 7400 | 5700 | 7400 |
| Sodium | [Na] | 50 | 50 | 30 | 90 | 20 | 40 | 40 | 400 | 710 | 350 |
| Potassium | [K ] | 1500 | 770 | 220 | 2300 | 120 | 50 | 530 | 100 | 1600 | 380 |
| Titanium | [Ti] | 68 | 42 | 6 | 260 | 12 | 6 | 13 | 900 | 810 | 690 |
| Manganese | [Mn] | 590 | 380 | 84 | 580 | 39 | 50 | 160 | 520 | 710 | 540 |
| Phosphorus | [P ] | 260 | 380 | 98 | 440 | 48 | 32 | 74 | 440 | 540 | 400 |
| Barium | [Ba] | 51 | 57 | 130 | 76 | 11 | 6 | 2000 | 93 | 100 | 48 |
| Chromium | [Cr] | 12 | 25 | 26 | 24 | 69 | 130 | 69 | 75 | 55 | 140 |
| Zirconium | [Zr] | 2 | 2 | 1 | 6 | < 1 | < 1 | < 1 | 3 | 3 | 3 |
| Copper | [Cu] | 26 | 49 | 18 | 12 | 2 | 2 | 19 | 38 | 44 | 32 |
| Nickel | [Ni] | 3 | 9 | 22 | 11 | 2 | 3 | 13 | 46 | 22 | 64 |
| Lead | [Pb] | 14 | 9 | 4 | < 1 | 2 | 2 | 3 | 2 | < 1 | < 1 |
| Zinc | [Zn] | 37 | 69 | 31 | 45 | 5 | 2 | 46 | 43 | 28 | 35 |
| Vanadium | [V ] | 5 | 10 | 10 | 60 | 3 | < 1 | 16 | 36 | 35 | 38 |
| Strontium | [Sr] | 31 | 17 | 2 | 46 | 3 | 1 | 61 | 12 | 34 | 10 |
| Cobalt | [Co] | 4 | 8 | 2 | 13 | < 1 | < 1 | 6 | 20 | 10 | 15 |
| Molybdenum | [Mo] | < 2 | < 2 | < 2 | < 2 | < 2 | 4 | < 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 | 3 | < 1 | 4 | < 1 | < 1 | 1 | 2 | 3 | 2 |
| Scandium | [Sc] | < 1 | 1 | 1 | 10 | < 1 | < 1 | < 1 | 1 | 2 | 1 |
| Tungsten | [W ] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Thorium | [Th] | < 10 | 20 | < 10 | 30 | < 10 | < 10 | < 10 | 30 | < 10 | < 10 |
| Arsenic | [As] | 20 | < 5 | 5 | < 5 | < 5 | < 5 | < 5 | 15 | < 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 | 15 | < 5 | 10 | < 5 | < 5 | 10 | 10 | 5 | 15 |
| Holmium | [Ho] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |

DATE : AUG-16-1990

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 - 9732 - 5
T.S.L. File No. :
T.S.L. Invoice No. : 14680

Project: MT. GATON R-2103 ALL RESULTS PPM

| ELEMENT | | 28192 | 28193 |
|---|---|---|---|
| Aluminum | [Al] | 1500 | 11000 |
| Iron | [Fe] | 3400 | 18000 |
| Calcium | [Ca] | 1000 | 8300 |
| Magnesium | [Mg] | 960 | 6400 |
| Sodium | [Na] | 50 | 110 |
| Potassium | [K ] | 140 | 910 |
| Titanium | [Ti] | 29 | 780 |
| Manganese | [Mn] | 280 | 350 |
| Phosphorus | [P ] | 74 | 550 |
| Barium | [Ba] | 34 | 17 |
| Chromium | [Cr] | 94 | 19 |
| Zirconium | [Zr] | < 1 | 2 |
| Copper | [Cu] | 8 | 4 |
| Nickel | [Ni] | 8 | 12 |
| Lead | [Pb] | 5 | 3 |
| Zinc | [Zn] | 7 | 31 |
| Vanadium | [V ] | 3 | 27 |
| Strontium | [Sr] | 5 | 9 |
| Cobalt | [Co] | 1 | 11 |
| Molybdenum | [Mo] | < 2 | < 2 |
| Silver | [Ag] | < 1 | < 1 |
| Cadmium | [Cd] | < 1 | < 1 |
| Beryllium | [Be] | < 1 | < 1 |
| Boron | [B ] | < 10 | < 10 |
| Antimony | [Sb] | 10 | < 5 |
| Yttrium | [Y ] | < 1 | 2 |
| Scandium | [Sc] | < 1 | 1 |
| Tungsten | [W ] | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 |
| Thorium | [Th] | < 10 | 20 |
| Arsenic | [As] | 15 | < 5 |
| Bismuth | [Bi] | < 5 | < 5 |
| Tin | [Sn] | < 10 | < 10 |
| Lithium | [Li] | < 5 | 20 |
| Holmium | [Ho] | < 10 | < 10 |

DATE : AUG-16-1990

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.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 - 9469 - 1
T.S.L. File No. :
T.S.L. Invoice No. : 14904

PROJECT: MT. EATON OREQUEST CONSULTANTS LTD. R-2166 ALL RESULTS PPM

| ELEMENT | | 29807 | 29808 | 29809 | 29810 | 29811 | 29812 | 29813 | 29814 | 29815 | 29816 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | [Al] | 7300 | 2600 | 7000 | 10000 | 20000 | 30000 | 2900 | 11000 | 3200 | 5900 |
| Iron | [Fe] | 16000 | 6500 | 5300 | 10000 | 33000 | 45000 | 11000 | 17000 | 17000 | 9800 |
| Calcium | [Ca] | 1100 | 420 | 9200 | 14000 | 7200 | 21000 | 860 | 31000 | 37000 | 8200 |
| Magnesium | [Mg] | 3800 | 680 | 1000 | 2800 | 6900 | 8500 | 1300 | 4700 | 6000 | 2700 |
| Sodium | [Na] | 110 | 50 | 70 | 580 | 100 | 60 | 320 | 150 | 210 | 100 |
| Potassium | [K ] | 530 | 610 | 60 | 450 | 710 | 900 | 1400 | 540 | 800 | 220 |
| Titanium | [Ti] | 60 | 30 | 1300 | 1400 | 240 | 64 | 24 | 11 | 2 | 150 |
| Manganese | [Mn] | 170 | 180 | 180 | 200 | 2000 | 2900 | 170 | 1300 | 760 | 290 |
| Phosphorus | [P ] | 240 | 100 | 360 | 480 | 240 | 250 | 64 | 280 | 160 | 130 |
| Barium | [Ba] | 11 | 15 | 5 | 13 | 110 | 180 | 140 | 170 | 84 | 11 |
| Chromium | [Cr] | 110 | 94 | 54 | 49 | 58 | 21 | 43 | 62 | 33 | 84 |
| Zirconium | [Zr] | 2 | 3 | 6 | 10 | 5 | 9 | 3 | 3 | 3 | 1 |
| Copper | [Cu] | 12 | 5 | 3 | 22 | 57 | 75 | 7 | 17 | 50 | 22 |
| Nickel | [Ni] | 9 | 2 | 5 | 5 | 180 | 66 | 7 | 7 | 5 | 4 |
| Lead | [Pb] | 2 | 93 | 31 | 7 | 29 | 34 | 10 | 3 | 2 | 3 |
| Zinc | [Zn] | 25 | 31 | 22 | 16 | 360 | 120 | 11 | 24 | 28 | 13 |
| Vanadium | [V ] | 36 | 3 | 17 | 35 | 73 | 69 | 4 | 29 | 16 | 24 |
| Strontium | [Sr] | 4 | 2 | 31 | 31 | 18 | 23 | 6 | 69 | 43 | 14 |
| Cobalt | [Co] | 5 | 1 | 3 | 4 | 8 | 11 | 1 | 7 | 4 | 3 |
| Molybdenum | [Mo] | 4 | 62 | 4 | < 2 | 10 | 2 | 4 | < 2 | 2 | < 2 |
| Silver | [Ag] | < 1 | 5 | < 1 | < 1 | < 1 | 1 | < 1 | < 1 | < 1 | < 1 |
| Cadmium | [Cd] | < 1 | < 1 | < 1 | < 1 | 2 | < 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 | 10 | 10 | < 5 | < 5 | 10 | < 5 |
| Yttrium | [Y ] | 3 | 4 | 3 | 4 | 8 | 8 | 2 | 3 | 6 | 2 |
| Scandium | [Sc] | 1 | < 1 | 1 | 3 | 4 | 6 | < 1 | 3 | 3 | < 1 |
| Tungsten | [W ] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Thorium | [Th] | < 10 | < 10 | < 10 | < 10 | 40 | 50 | < 10 | < 10 | 30 | < 10 |
| Arsenic | [As] | < 5 | 15 | < 5 | 5 | 90 | 70 | 10 | < 5 | 30 | < 5 |
| Bismuth | [Bi] | < 5 | < 5 | < 5 | < 5 | 10 | 20 | < 5 | 5 | 10 | < 5 |
| Tin | [Sn] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Lithium | [Li] | 20 | 20 | 15 | 30 | 40 | 70 | 15 | 35 | 20 | 20 |
| Holmium | [Ho] | < 10 | < 10 | 50 | 50 | 40 | 20 | < 10 | < 10 | 10 | < 10 |

DATE : AUG-25-1990

SIGNED : Bernice Quinn

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 - 9469 - 2
T.S.L. File No. :
T.S.L. Invoice No. : 14904

PROJECT: MT. GATON OREQUEST CONSULTANTS LTD. R-2166 ALL RESULTS PPM

| ELEMENT | | 31694 | 31695 | 31698 | 31699 | 31700 | 35000 | 35001 | 35002 | 35003 | 35004 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | [Al] | 7500 | 22000 | 12000 | 11000 | 20000 | 26000 | 28000 | 19000 | 27000 | 29000 |
| Iron | [Fe] | 14000 | 31000 | 15000 | 7900 | 26000 | 5600 | 34000 | 32000 | 36000 | 55000 |
| Calcium | [Ca] | 83000 | 54000 | 12000 | 15000 | 15000 | 16000 | 23000 | 31000 | 25000 | 12000 |
| Magnesium | [Mg] | 4200 | 8400 | 5500 | 1800 | 7000 | 2400 | 9200 | 7700 | 8400 | 7900 |
| Sodium | [Na] | 100 | 50 | 370 | 50 | 830 | 3600 | 310 | 190 | 180 | 530 |
| Potassium | [K ] | 710 | 660 | 470 | 90 | 1000 | 240 | 980 | 830 | 380 | 900 |
| Titanium | [Ti] | 21 | 90 | 1300 | 1100 | 1400 | 580 | 1100 | 110 | 710 | 950 |
| Manganese | [Mn] | 410 | 680 | 290 | 310 | 470 | 78 | 770 | 860 | 730 | 620 |
| Phosphorus | [P ] | 180 | 2700 | 870 | 450 | 350 | 450 | 290 | 420 | 300 | 300 |
| Barium | [Ba] | 40 | 110 | 15 | 8 | 13 | 10 | 60 | 280 | 25 | 72 |
| Chromium | [Cr] | 37 | 120 | 40 | 50 | 29 | 32 | 36 | 26 | 21 | 32 |
| Zirconium | [Zr] | 3 | 6 | 5 | 9 | 11 | 3 | 14 | 8 | 9 | 10 |
| Copper | [Cu] | 30 | 42 | 11 | 4 | 44 | 3 | 80 | 56 | 43 | 42 |
| Nickel | [Ni] | 6 | 65 | 10 | 5 | 7 | 5 | 26 | 15 | 17 | 15 |
| Lead | [Pb] | < 1 | < 1 | 3 | 24 | 1 | 5 | < 1 | < 1 | < 1 | 14 |
| Zinc | [Zn] | 33 | 36 | 86 | 26 | 46 | 16 | 45 | 46 | 45 | 49 |
| Vanadium | [V ] | 26 | 79 | 34 | 28 | 51 | 15 | 110 | 84 | 130 | 88 |
| Strontium | [Sr] | 66 | 120 | 57 | 39 | 39 | 98 | 63 | 90 | 50 | 23 |
| Cobalt | [Co] | 4 | 19 | 8 | 6 | 12 | 5 | 20 | 16 | 20 | 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 | 10 | 10 | 10 | < 5 |
| Yttrium | [Y ] | 8 | 13 | 4 | 3 | 5 | 3 | 5 | 7 | 3 | 5 |
| Scandium | [Sc] | 3 | 4 | 2 | 2 | 6 | 1 | 16 | 12 | 10 | 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] | 30 | 10 | 20 | < 10 | 30 | < 10 | 50 | 40 | 40 | 40 |
| Arsenic | [As] | 10 | < 5 | < 5 | < 5 | < 5 | 5 | < 5 | < 5 | < 5 | 80 |
| Bismuth | [Bi] | 15 | 25 | < 5 | < 5 | < 5 | < 5 | 15 | 15 | 15 | 10 |
| Tin | [Sn] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Lithium | [Li] | 20 | 40 | 50 | 20 | 55 | 25 | 30 | 35 | 30 | 40 |
| Holmium | [Ho] | 10 | 20 | 50 | 40 | 50 | 20 | 50 | 10 | 30 | 40 |

DATE : AUG-25-1990

SIGNED : Bernie Dunn

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

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

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

T.S.L. REPORT No. : S - 9469 - 3
T.S.L. File No. :
T.S.L. Invoice No. : 14904

PROJECT: MT. GATON OREQUEST CONSULTANTS LTD. R-2166 ALL RESULTS PPM

| ELEMENT | | 35002-A |
|---|---|---|
| Aluminum | [Al] | 12000 |
| Iron | [Fe] | 16000 |
| Calcium | [Ca] | 22000 |
| Magnesium | [Mg] | 4600 |
| Sodium | [Na] | 50 |
| Potassium | [K ] | 290 |
| Titanium | [Ti] | 1000 |
| Manganese | [Mn] | 400 |
| Phosphorus | [P ] | 550 |
| Barium | [Ba] | 15 |
| Chromium | [Cr] | 52 |
| Zirconium | [Zr] | 5 |
| Copper | [Cu] | 17 |
| Nickel | [Ni] | 14 |
| Lead | [Pb] | < 1 |
| Zinc | [Zn] | 25 |
| Vanadium | [V ] | 46 |
| Strontium | [Sr] | 200 |
| Cobalt | [Co] | 12 |
| Molybdenum | [Mo] | < 2 |
| Silver | [Ag] | < 1 |
| Cadmium | [Cd] | < 1 |
| Beryllium | [Be] | < 1 |
| Boron | [B ] | < 10 |
| Antimony | [Sb] | < 5 |
| Yttrium | [Y ] | 4 |
| Scandium | [Sc] | 3 |
| Tungsten | [W ] | < 10 |
| Niobium | [Nb] | < 10 |
| Thorium | [Th] | 10 |
| Arsenic | [As] | 15 |
| Bismuth | [Bi] | < 5 |
| Tin | [Sn] | < 10 |
| Lithium | [Li] | 20 |
| Holmium | [Ho] | 40 |

DATE : AUG-25-1990

SIGNED : Bernie Dunn

**TSL LABORATORIES**
DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

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

# CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM OreQuest Consultants Ltd.
10th Floor, Box 10-808 West Hastings St.
Vancouver, B.C.
V6C 2T5

REPORT No. S9646

INVOICE #: 14877
P.O.: R-2240

SAMPLE(S) OF Silts

P. Brucciani

| | Au ppb |
|---|---|
| S-1 | Not Rec'd |
| S-2 | Not Rec'd |
| S-3 | <5 |
| S-4 | <5 |
| S-5 | <5 |
| S-6 | <5 |
| S-7 | <5 |
| S-19 | <5 |
| S-20 | <5 |
| S-21 | <5 |

MT. EATON PROJECT

| | |
|---|---|
| S-22 | <5 |
| S-23 | <5 |
| S-30 | <5 |

COPIES TO: B. Dewonck, J. Chapman
INVOICE TO: OreQuest - Vancouver

Aug 25/90

SIGNED Bernice Dunn

CTA

**TSL LABORATORIES**
DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

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

# CERTIFICATE OF ANALYSIS

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

REPORT No.
S9569

INVOICE #: 14780
P.O.: R-2179

SAMPLE(S) OF Silts Golden Trump

Project: Mt. Eaton

REMARKS: OreQuest Consultants

| | Au ppb |
|---|---|
| S45 | <5 |
| S46 | 5 |

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

Aug 21/90

SIGNED Bernie Dunn

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

I.C.A.P. PLASMA SCAN P
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 - 9646 - 1
T.S.L. File No. : E:M7746
T.S.L. Invoice No. : 15156

PROJECT: SUNTAC CAMP OREQUEST CONSULTANTS R-2240 ALL RESULTS PPM

| ELEMENT | | S-3 | S-4 | S-5 | S-6 | S-7 | S-19 | S-20 | S-21 | S-22 | S-23 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | MT. EATON PROJECT | | | | |
| Aluminum | [Al] | 23000 | 17000 | 12000 | 17000 | 6100 | 29000 | 31000 | 24000 | 15000 | 20000 |
| Iron | [Fe] | 24000 | 28000 | 40000 | 31000 | 32000 | 45000 | 42000 | 30000 | 27000 | 32000 |
| Calcium | [Ca] | 23000 | 19000 | 7400 | 4400 | 4000 | 5300 | 3700 | 4400 | 19000 | 5300 |
| Magnesium | [Mg] | 6500 | 7200 | 6800 | 5800 | 2500 | 7800 | 7900 | 6600 | 6500 | 7000 |
| Sodium | [Na] | 1500 | 1000 | 470 | 600 | 370 | 290 | 200 | 110 | 120 | 150 |
| Potassium | [K ] | 1900 | 2500 | 2300 | 1800 | 970 | 840 | 1400 | 720 | 520 | 340 |
| Titanium | [Ti] | 1300 | 1200 | 1100 | 560 | 500 | 410 | 470 | 590 | 680 | 400 |
| Manganese | [Mn] | 450 | 290 | 310 | 660 | 160 | 830 | 1100 | 840 | 490 | 590 |
| Phosphorus | [P ] | 750 | 900 | 1100 | 590 | 600 | 500 | 500 | 510 | 780 | 580 |
| Barium | [Ba] | 120 | 110 | 120 | 160 | 55 | 51 | 190 | 220 | 36 | 39 |
| Chromium | [Cr] | 29 | 60 | 93 | 250 | 39 | 55 | 69 | 46 | 36 | 35 |
| Zirconium | [Zr] | 4 | 4 | 7 | 5 | 3 | 8 | 9 | 5 | 6 | 5 |
| Copper | [Cu] | 45 | 44 | 34 | 52 | 14 | 120 | 110 | 49 | 35 | 32 |
| Nickel | [Ni] | 17 | 29 | 38 | 120 | 10 | 28 | 41 | 27 | 31 | 27 |
| Lead | [Pb] | 12 | < 1 | 2 | 6 | 39 | 4 | 25 | 9 | 4 | 11 |
| Zinc | [Zn] | 170 | 100 | 37 | 190 | 49 | 84 | 88 | 86 | 58 | 69 |
| Vanadium | [V ] | 68 | 88 | 130 | 62 | 110 | 130 | 110 | 62 | 47 | 54 |
| Strontium | [Sr] | 68 | 57 | 46 | 36 | 22 | 24 | 33 | 24 | 44 | 19 |
| Cobalt | [Co] | 10 | 10 | 16 | 14 | 5 | 21 | 22 | 12 | 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 | 2 | < 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 | 10 | 5 |
| Yttrium | [Y ] | 6 | 6 | 3 | 5 | 4 | 5 | 11 | 10 | 7 | 7 |
| Scandium | [Sc] | 4 | 4 | 5 | 5 | 2 | 9 | 11 | 5 | 4 | 5 |
| Tungsten | [W ] | < 10 | < 10 | < 10 | < 10 | 20 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Niobium | [Nb] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Thorium | [Th] | 30 | 20 | 20 | < 10 | 110 | 30 | 40 | 40 | 30 | 30 |
| Arsenic | [As] | 35 | 10 | 15 | 40 | 5 | 10 | 190 | 70 | 40 | 25 |
| Bismuth | [Bi] | 5 | < 5 | < 5 | < 5 | 10 | < 5 | < 5 | < 5 | < 5 | < 5 |
| Tin | [Sn] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Lithium | [Li] | 20 | 20 | 15 | 25 | 5 | 20 | 25 | 25 | 20 | 30 |
| Holmium | [Ho] | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |

DATE : SEP-03-1990

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 PROJECT: MT. ~~BADEN~~ EATON - OREQUEST P.O. R-2179

T.S.L. REPORT No. : S - 9569 - 1
T.S.L. File No. :
T.S.L. Invoice No. : 15017

ALL RESULTS PPM

| ELEMENT | | S45 | S46 |
|---|---|---|---|
| Aluminum | [Al] | 5700 | 32000 |
| Iron | [Fe] | 43000 | 30000 |
| Calcium | [Ca] | 2600 | 13000 |
| Magnesium | [Mg] | 2700 | 6000 |
| Sodium | [Na] | 90 | 3300 |
| Potassium | [K ] | 690 | 5800 |
| Titanium | [Ti] | 710 | 1800 |
| Manganese | [Mn] | 360 | 340 |
| Phosphorus | [P ] | 610 | 590 |
| Barium | [Ba] | 27 | 210 |
| Chromium | [Cr] | 14 | 57 |
| Zirconium | [Zr] | 3 | 6 |
| Copper | [Cu] | 11 | 74 |
| Nickel | [Ni] | 4 | 19 |
| Lead | [Pb] | 17 | < 1 |
| Zinc | [Zn] | 49 | 56 |
| Vanadium | [V ] | 54 | 110 |
| Strontium | [Sr] | 10 | 86 |
| Cobalt | [Co] | 3 | 11 |
| Molybdenum | [Mo] | 4 | < 2 |
| Silver | [Ag] | < 1 | < 1 |
| Cadmium | [Cd] | < 1 | < 1 |
| Beryllium | [Be] | < 1 | < 1 |
| Boron | [B ] | < 10 | < 10 |
| Antimony | [Sb] | < 5 | < 5 |
| Yttrium | [Y ] | 20 | 6 |
| Scandium | [Sc] | 2 | 6 |
| Tungsten | [W ] | 20 | < 10 |
| Niobium | [Nb] | < 10 | < 10 |
| Thorium | [Th] | 110 | 30 |
| Arsenic | [As] | 15 | < 5 |
| Bismuth | [Bi] | 20 | 10 |
| Tin | [Sn] | < 10 | < 10 |
| Lithium | [Li] | 10 | 25 |
| Holmium | [Ho] | < 10 | < 10 |

DATE : AUG-30-1990

SIGNED : Bernie Dunn

# APPENDIX III

# ANALYTICAL PROCEDURES

**T S L LABORATORIES**
DIVISION OF BURGENER TECHNICAL ENTERPRISES LIMITED
2 - 302 - 48th STREET,
SASKATOON, SASKATCHEWAN
S7K 6A4
(306) 931-1033 FAX: (306) 242-4717

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

Jan.9/90

1 - SAMPLE PREPARATION PROCEDURES
Rock and Core

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

Soils and Silts
- Sample is dried and sieved to -80 mesh.

2 - FIRE ASSAY PROCEDURES
Geochem Gold (Au ppb) -
A 30g subsample is fused, cupelled and the subsequent dore' bead is dissolved in aqua rega. The solution is then analyzed on the Atomic Absorption.

Assay Gold (Au oz/ton) -
A 29.16g subsample is fused, cupelled and the subsequent dore' bead is parted with a dilute nitric acid solution. The gold obtained is rinsed with DI water, annealed and weighed on a microbalance.

3 - Geochem Silver (Ag ppm) -
A 1g subsample is digested with 5mls of aqua rega for 1 1/2 to 2 hours, then diluted with DI H20. The solutions are then run on the Atomic Absorption.

Assay Silver (Ag oz/ton) -
A 2.00g sample is digested with 15mls HCl plus 5mls HNO3 for 1 hour in a covered beaker; diluted to 100mls with 1:1 HCl. The solution is run on the Atomic Absorption.

4 - BASE METALS
Geochem - A 1g subsample is digested with 5mls of aqua rega for 1 1/2 to 2 hours, then diluted with DI H20. The solutions are then run on the Atomic Absorption.

Assay - A 0.500g sample is taken to dryness with 15mls HCl plus 5mls HNO3, then redissolved with 5mls HNO3 and diluted to 100mls with DI H20. The solution is run on the Atomic Absorption.

con't...

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5. ICAP Geochemical Analysis -
A 1g subsample is digested with 5mls of aqua rega for 1 1/2 to 2 hours, then diluted with DI H20. The solutions are then run on the ICAP.

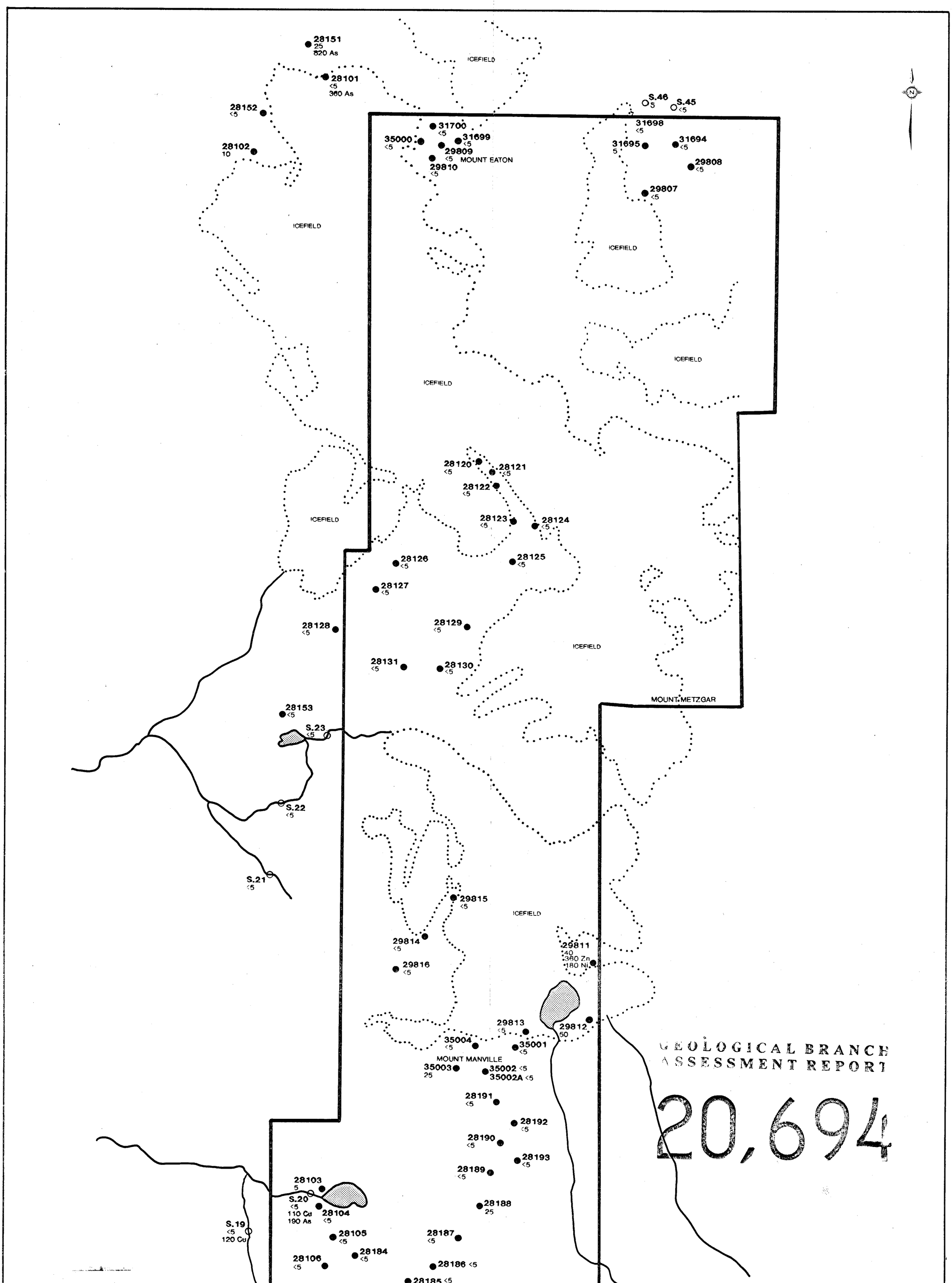
6. Heavy Mineral Concentrates -
The sample is initially wet sieved through -1700 micron, then placed on a shaker table. A heavy liquid separation is performed, Methylene Iodide, (S.G. - 3.3); diluted to give a S.G. of 2.96. The heavies were then analyzed for Au by Fire Assay plus an ICAP Scan.

Yours truly,

Bernie Dunn

Bernie Dunn

BD/vh






OREQUEST

GOLDEN TRUMP RESOURCES LTD.

Figure 6

**MOUNT EATON PROJECT**

# ROCK and SILT SAMPLE LOCATIONS GOLD GEOCHEMISTRY

British Columbia
NTS 104 K/12

August 1990 XY3