GEOLOGICAL AND GEOCHEMICAL REPORT

on the

SUTLAHINE PROPERTY
(PARK 10 - 13 CLAIMS)

Trapper Lake Area, British Columbia

Atlin Mining Division

N.T.S. 104K/10E

Latitude: 58°31.3'N Longitude: 132°54.0'W

for

Consolidated Parklane Resources Inc.
850 - 609 W. Hastings St.
Vancouver, B.C.

and

Slocan Development Corp. Ltd.
1100 - 808 W. Hastings St.
Vancouver, B.C.

by

Azimuth Geological Incorporated
205 - 470 Granville St.
Vancouver B.C.

Gregory G. Crowe, M.Sc., P. Geol.
Larry R. Haynes, B.Sc.

February 1992

TABLE OF CONTENTS

APPENDICES

LIST OF FIGURES

LIST OF TABLES

SUMMARY

The Sutlahine property comprises four contiguous claims totalling 80 units and is located in northwestern British Columbia, approximately 120 km northwest of Telegraph Creek and 48 km north-northwest of the Golden Bear gold mine. Access is by float plane and/or helicopter.

The Park 10-13 claims, which are largely covered by glacial and alluvial overburden, overlie Cretaceous or Tertiary quartz monzonite. Upper Triassic Stuhini Group metamorphosed volcanics and sediments are present in the northwest corner of the claims. Faulting, fracturing and shearing of the quartz monzonite has developed along a north to northeast trend. Gossanous and hornfelsed zones are found in the Stuhini Group rocks.

Low grade copper mineralization was discovered by the Taku Syndicate in 1970 on portions of the ground covered by the Park claims. Geological and geophysical surveys completed by the syndicate during the summer of 1970 identified five copper showings on the Taku ground. Regional geochemical surveys by Chevron Canada Resources Ltd. in the early 1980's identified anomalous metal values in the area of the Sutlahine property. No further exploration was completed in the area until the location of the Park claims and work on the property work during 1991.

Current work consisted of geological mapping (1:5000), prospecting and rock sampling (32 samples), reconnaissance soil sampling (109 samples over 5.1 km) and silt sampling (12 samples). Copper mineralization was identified at several localities on the property. Mineralization occurs mainly as veinlets and fracture fillings in weakly altered quartz monzonite. In places, high silver values accompany the copper mineralization. Soil sampling located several anomalous copper-molybdenum and copper-arsenic zones on the property. Anomalous copper and molybdenum in soils are spatially associated with copper mineralization. Anomalous copper-arsenic-lead in soils coincident with gossanous and hornfelsed sediments may be related to base and precious metal mineralization.

Further work should consist of detailed soil sampling, prospecting and mapping to evaluate the copper-arsenic soil anomalies.

INTRODUCTION

At the request of Prime Equities Inc. (on behalf of Slocan Development Corp. Ltd.) Azimuth Geological Inc. was contracted to evaluate the Sutlahine property using geological and geochemical techniques. The property is located in northwestern British Columbia, 50 km northwest of the Golden Bear mine, in an under-explored but geologically attractive area.

Exploration by the Taku Syndicate in 1970 located low grade copper-molybdenum mineralization within portions of the ground covered by the Sutlahine property. Results of the syndicate's work suggested that the copper mineralization was controlled by faulting and fracturing within a quartz monzonite. The property was not assessed for its precious metal potential at the time. Results of regional heavy mineral silt sampling by Chevron Canada Resources Ltd. in the early 1980's returned anomalous arsenic and gold values on the property.

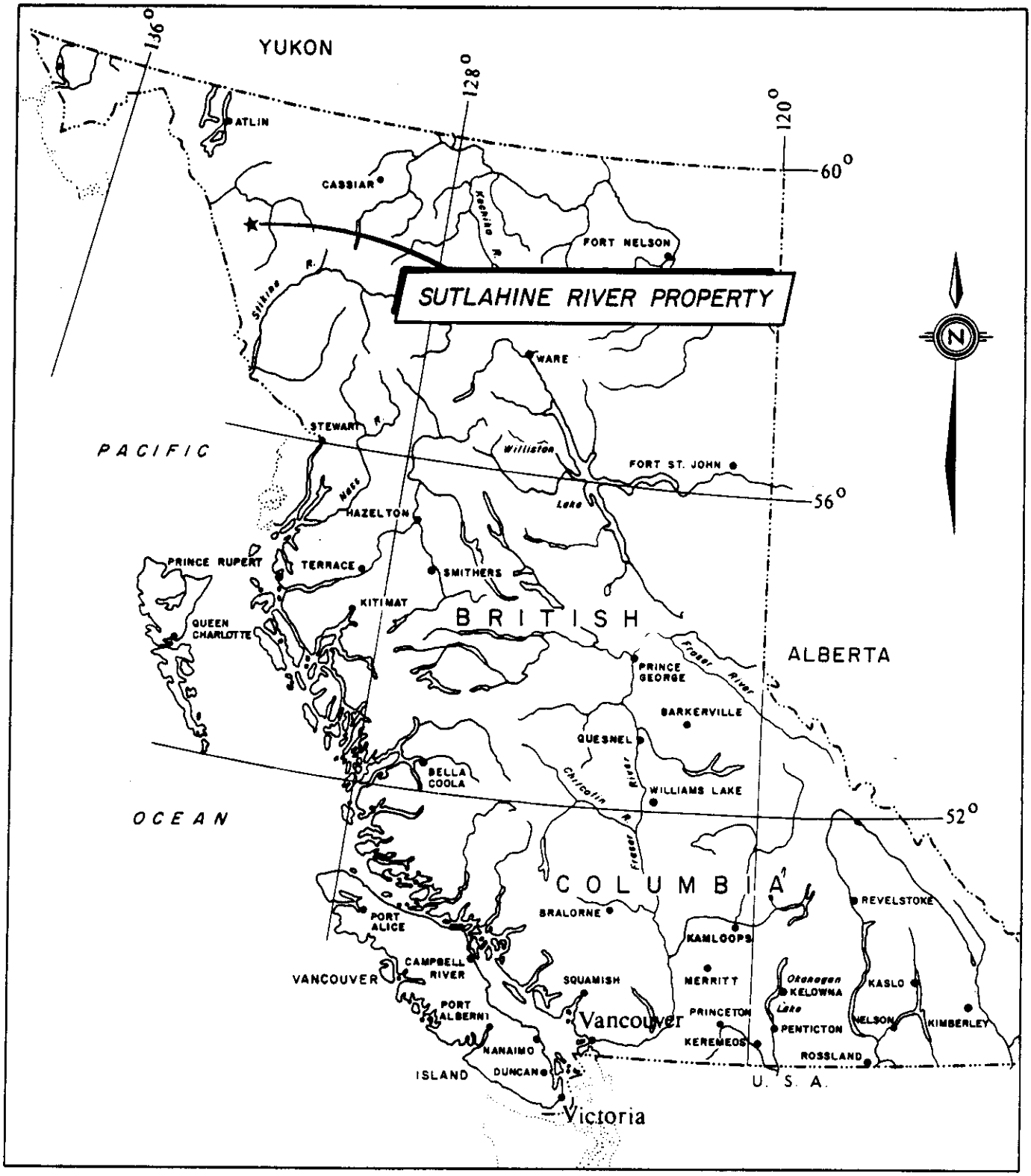
Current work was aimed at developing an understanding of the geological setting, extending the known showings, and conducting a preliminary examination of the remaining property for similar or other styles of mineralization.

LOCATION, ACCESS and PHYSIOGRAPHY

The Sutlahine property is located in the extreme northwest corner of British Columbia (Figure 1), 1220 km northwest of Vancouver and 250 km south-southeast of Whitehorse, Yukon Territory (NTS: 104K/10). Closest supply towns are Telegraph Creek, 130 km to the southeast; Dease Lake, 170 km to the east; and Juneau, Alaska, 90 km to the west-southwest.

Access to the claim area is possible by float-equipped aircraft to Trapper Lake (16 km east southeast) or to Tatsamenie Lake (40 km southeast). Airstrips for conventional aircraft are located at Tatsamenie Lake, Muddy Lake (52 km southeast) and Tulsequah (40 km west-northwest). Final access would be by helicopter. A private road provides access from Telegraph Creek to the Golden Bear mine-site at Muddy Lake and is available for public use by prior arrangement with Golden Bear Operating Company.

Physiographically, the claims are located in the Tahltan Highland, a moderately rugged transitional zone between the Stikine Plateau and the eastern ranges of the Coast Mountains. Elevations on the Sutlahine property vary from approximately 700 m in the northwest corner of the property to 2285 m along the southern claim boundary. Most of the property is sub-alpine in nature with the exception of the lower valley floors in the east and northwest. Permanent icefields occupy the upper reaches of several small drainages within the claim area.



TO ACCOMPANY REPORT NO. _____ BY _____

AZIMUTH GEOLOGICAL INC.

SLOCAN DEVELOPMENT CORP. LTD.

SUTLAHINE RIVER

LOCATION MAP

Date	Scale	N.T.S.	Figure No.
OCT., 1991	1:7 500 000	104 K/10	1

CLAIM STATUS

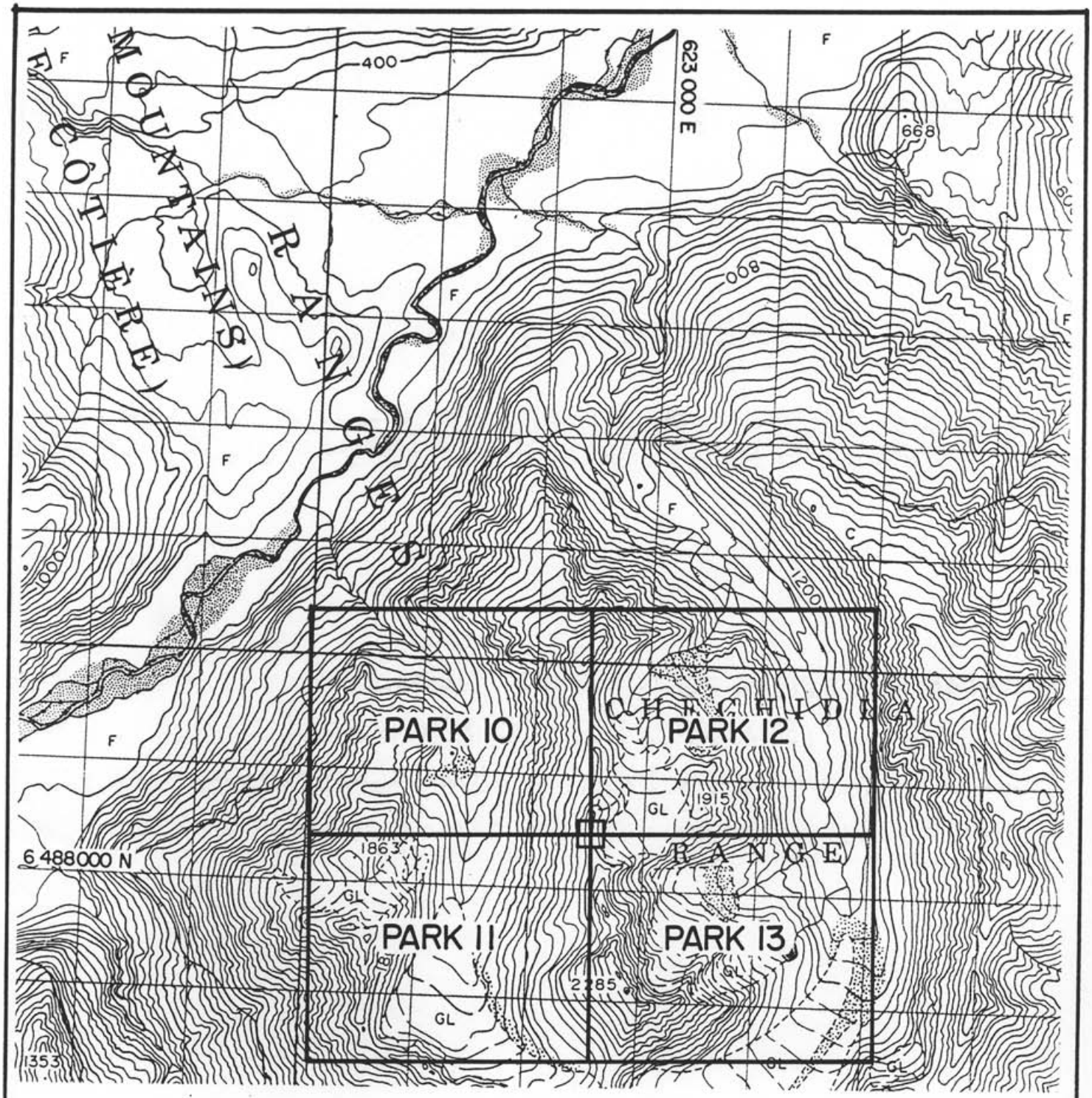
The Sutlahine property consists of four contiguous modified grid claims (Park 10-13) totalling 80 units located in the Atlin Mining Division (Figure 2). Public records indicate the claims are owned by Consolidated Parklane Resources Ltd.

Current claim data as shown in public records is compiled below.

Table I
Claim Information

Claim Name	Record Number	Units	Expiry Date[1]
Park 10	4528	20	March 24, 1994
Park 11	4529	20	March 24, 1994
Park 12	4530	20	March 24, 1994
Park 13	4531	20	March 24, 1994

[1] Assuming acceptance of current submission.



0 1 2 3 km

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AZIMUTH GEOLOGICAL INC.

SLOCAN DEVELOPMENT CORP. LTD.
SUTLAHINE RIVER

CLAIM MAP

N.T.S. 104 K/7	Data G. Crowe	Date Oct., 1991
Scale 1:50000	Drawn	FIGURE 2

HISTORY

Although no record remains, it is likely that the general area of the Sutlahine property was prospected in the 1920's and 1930's following discovery of the Tulsequah Chief and Polaris Taku deposits, 47 km to the northwest.

The only assessment work reported in the immediate area of the Sutlanine property are 1970 geological and geophysical surveys carried out on the B, S and J claims by L.G. White for the Taku Syndicate (White, 1970). Exploration of the B, S and J claims focused on the porphyry copper-molybdenum potential of the property. Geological surveys identified five mineralized zones on the claims and reported copper grades ranging from 0.02% to 0.32% and molybdenum grades from trace to 0.12%. White concluded that copper and molybdenum mineralization was controlled by northeasterly faulting and fracturing in a quartz monzonite. Little attention was paid to the precious metal potential on the claims.

The Park claims are covered by regional geochemical stream sediment surveys (RGS No. 20). Three samples were collected from two sites associated with drainages on the claims. Elevated copper values (108, 100 ppm Cu) were reported in two samples located four kilometres downstream from the copper showings. One of the two samples carried elevated gold values (70 ppb Au). Results of regional heavy mineral silt sampling by Chevron Canada Resources Ltd. in the early 1980's also showed anomalous results (K. Shannon, pers. commun., 1991) associated with the property.

In 1991 the Sutlahine property was staked by Consolidated Parklane Resources Inc. as the Park 10, Park 11, Park 12 and Park 13 claims and optioned to Slocan Development Corp. Ltd.. The Park claims cover approximately two thirds of the area previously covered by the B, S and J claims, including two of the five copper showings.

REGIONAL GEOLOGY

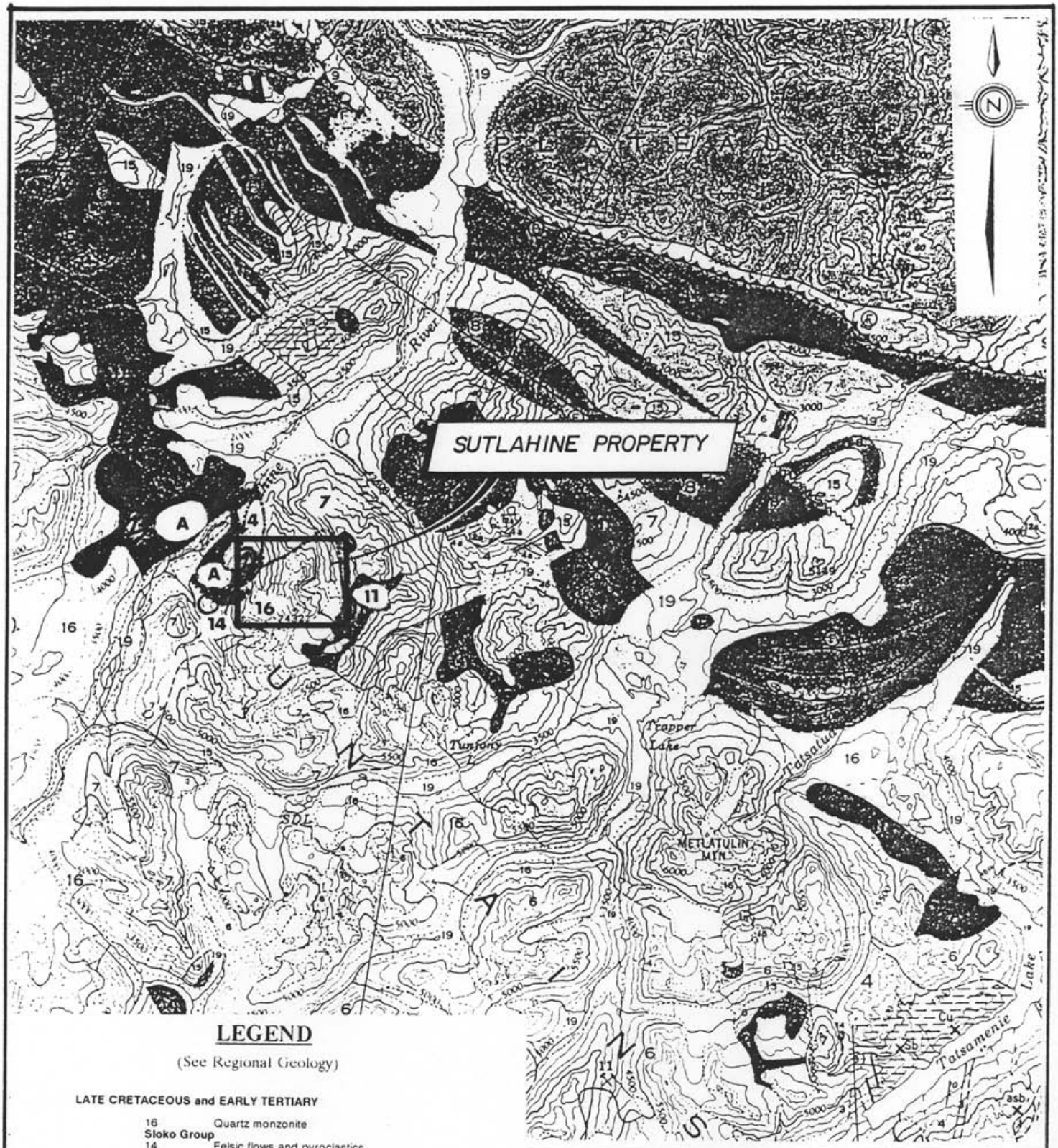
The Tulsequah map-area was most recently mapped by Souther (1971). Regional geology in the Tatsamenie Lake-Trapper Lake area is shown in Figure 3. Oldest rocks in the area are strongly deformed and regionally metamorphosed Permian and Lower Triassic metasediments and metavolcanics (Units 3 and 4) of the Stikine Assemblage (Monger, 1980) which are intruded by Lower or Middle Triassic foliated quartz diorite (Unit 6). These older rocks appear to be restricted to an area between Trapper and Tatsamenie Lakes.

A major regional unconformity separates older rocks from less deformed Upper Triassic and younger strata. Most widespread of the younger strata are Upper Triassic Stuhini Group basic volcanics and related sediments (Units 7 and 8). In the area of interest these rocks form a southeast-trending syncline enclosing a core of Lower and Middle Jurassic Takwahoni Formation (Laberge Group) sediments and overlying Upper Cretaceous to Tertiary felsic volcanics and related sub-volcanic intrusives of the Sloko Group (Units 11, 14 to 16). Upper Jurassic diorite plugs (Unit 12) commonly intrude Takwahoni and older rocks and often appear to be spatially associated with mineralization in the area. According to Souther (1971) and to current work the Sutlahine property is underlain by Lower to Middle Jurassic sediments and volcanics and by Cretaceous/Tertiary quartz monzonite.

In the northeast corner of the map-area, Upper Triassic limestone (Sinwa Formation: Unit 9) and Lower Jurassic sediments of the Inklin Formation (Unit 10) have been thrust southwestward along the King Salmon Fault to form the Atlin Horst.

Flat-lying Late Tertiary to Pleistocene volcanics (Units 17 and 18) overlie all units along the east margin of the map-area.

Three structural events have been documented in the area (Schroeter, 1986; Oliver and Hodgson, 1990). The oldest mid-Triassic event is typically represented by tight folds with north-trending axial surfaces. Mid-Jurassic deformation resulted from southwest-verging thrust faults which produced broad northwest-trending folds. Youngest structures are Eocene extension faults of apparent random orientation.



LEGEND

(See Regional Geology)

LATE CRETACEOUS and EARLY TERTIARY

16 Quartz monzonite

Sloko Group

14 Felsic flows and pyroclastics

LOWER and MIDDLE JURASSIC

Laberge Group

11 Takwahoni Fm - conglomerate, sandstone,shale

UPPER TRIASSIC

Stuhini Group

7 Mainly volcanic rocks, andesite and basalt flows, pillow lava, volcanic breccia and agglomerate, lapilli tuff; minor volcanic sandstone, greywacke and siltstone

TRIASSIC and EARLIER

4 Fine grained, clastic sediments and intercalated volcanic rocks, largely altered to greenstone and phyllite

PALEOZOIC

A Diorite gneiss, amphibolite, migmatite; age unknown

AZIMUTH GEOLOGICAL INC.		
SLOCAN DEVELOPMENT CORP. LTD. SUTLAHINE RIVER		
GEOLOGY MAP		
N.T.S. 104 K/7	Data G. Crowe	Date Oct., 1991
Scale 1:250 000	Drawn	FIGURE 3

Mineralization in the Tulsequah area is dominated by volcanogenic(?) massive sulphide deposits in the Tulsequah district, 46 km northwest of the Sutlahine property, and by shear-hosted precious metal mineralization at and near the Golden Bear deposit. Copper-lead-zinc-gold-silver mineralization at Tulsequah Chief, Big Bull, and Ericksen-Ashby is associated with a contact between Permian felsic pyroclastic rocks and underlying massive andesitic flows (Gunning, 1988; Nelson and Payne, 1983). Most recent (1989) reserves for Tulsequah Chief are given as 5.8 Mt of 1.55% Cu, 1.22% Pb, 6.81% Zn, 2.74 g/t Au, 109.4 g/t Ag. Recent exploration by Cominco Ltd. and Redfern Resources Ltd. is expected to increase this reserve. Across the Tulsequah River at the nearby Polaris Taku property, Suntac Minerals Corporation report probable plus possible reserves of 803,765 tonnes grading 16.1 g/t Au (March 21, 1990 News Release). Mineralization occurs in an arsenopyrite-bearing quartz-carbonate shear zone cutting Permian(?) sediments and tuffs. Grade and geological setting suggest similarities with the Golden Bear deposit.

The Golden Bear deposit, located 50 km southeast of Sutlahine (Figure 3), is being actively mined by Chevron Minerals Ltd. and North American Metals Corp. (Homestake Mining Company) who report (1990 Annual Report) proven plus probable reserves (before mining) of 569,453 tonnes grading 17.60 g/t gold. Mineralization at Golden Bear consists of pyrite-arsenopyrite-scorodite-native gold within a persistent quartz-carbonate altered shear cutting Permian to Lower Triassic(?) limestone and metasediments.

The Thorn property, located 7.5 km northeast of the Sutlahine property (Figure 3), is underlain by Eocene Sloko felsic volcanics intruded by a small quartz-feldspar-porphyry stock (Woodcock, 1987). Gold and silver are associated with both linear, east-west trending, pyrite-arsenopyrite-tetrahedrite-bearing silicified zones and with pods and lenses of pyrite-tetrahedrite-enargite. The property was drilled in 1986 by American Reserve Mining Corporation.

1991 WORK PROGRAM

Current field work was conducted between July 15 and Aug. 15, 1991 by various personnel (detailed in Appendix A - Cost Statement). Field work was supported from common camp facilities at Trapper Lake (16 km east-southeast of Sutlahine) where a contract Bell 206B helicopter supplied by Trans North Air was available for claim access.

Field work consisted mainly of reconnaissance soil sampling at 50 and/or 100 m intervals (5.1 km of line; 109 samples) and silt sampling (12 samples). Reconnaissance mapping and prospecting were completed along major drainages, ridges and soil lines. During mapping 32 rock samples were collected from mineralized and/or altered outcrops. Results of the 1991 surveys are presented in Figure 4.

PROPERTY GEOLOGY

No systematic mapping was completed during this current program; however, check mapping was conducted while prospecting and soil sampling. Widespread glacial and alluvial overburden generally limits outcrop to the major drainages and higher elevations on the property.

Most of the Sutlahine property appears to be underlain by fine to medium grained quartz monzonite which Souther (1971) interpreted to be Upper Cretaceous or Early Tertiary age. Work by White (1970) identified two phases of quartz monzonite, a central porphyritic core gradational to an outer non porphyritic phase. This distinction was not made during the 1991 work. The northwestern corner of the property is underlain by Upper Triassic Stuhini Group volcanics and sediments. Several gossanous and hornfelsed zones are found within this unit. The youngest units on the property are numerous mafic (basalt, andesite) and aplite dykes. The dykes show a predominant north to northeast trend and occur singularly and in swarms.

Structural features (faulting, shearing and jointing) on the property show the same north and northeasterly trends. Fault and shear zones are typically narrow with lengths up to five hundred metres.

Copper mineralization is present in several localities on the property and occurs mainly along joints and shears as chalcopyrite smears and fracture fillings in weakly altered quartz monzonite. High silver values (up to 249.9 ppm Ag) associated with sphalerite and galena are found in quartz-calcite veinlets and fracture fillings in the quartz monzonite.

MINERALIZATION AND ROCK GEOCHEMISTRY

Work on the property during 1991 located several mineral occurrences on the Sutlahine property. Most of the mineralization is found within four areas. Rock samples were taken from mineralized outcrop and float encountered while prospecting or soil sampling. Significant sample results are tabulated in Table II and results discussed in more detail below. Rock samples are described in Appendix B and complete analytical results are included in Appendix C.

TABLE II
Significant Rock Sample Results

Sample No.	ppb Au	ppm Ag	ppm Pb	ppm Zn	ppm Cu	ppm Mo
18063	83	24.5	1629	679	15555	5
18066	80	102.1	5389	2072	30606	19
18067	433	43.5	352	870	35226	11
18068	130	249.9	17242	37264	28044	23
18071	5	58.3	488	1245	17647	1
18238	75	2.0	11	51	2700	18
18408	55	3.0	33	51	5300	14
18534	65	14.2	3138	644	3084	29
18535	28	24.1	563	75	22100	73
18536	112	17.3	55	168	12081	27
18603	86	5.9	341	182	3487	2
18604	1	2.1	187	124	152	3

In the southwest corner of the Park 12 claim grab samples (18603, 18066-68) of quartz-calcite-chalcopyrite veinlets and fracture fillings returned high copper (1.5-3.5% Cu)and silver (24.5-249.9 ppm Ag) values. The veinlets show a general north-south trend within the quartz monzonite host. The high silver values in samples 18066 and 18068 are associated with sphalerite and galena mineralization.

A series of ENE and NNW mineralized joint sets are found on the west side of the ridge along the Park 10-Park 12 claim boundary. Mineralization consists of chalcopyrite, galena, sphalerite, arsenopyrite and minor molybdenite. Sample 18534, taken from a 10 cm wide zone, returned copper, lead and silver values. On the east side of the ridge several mineralized, five to six metre wide shear zones occur in the quartz monzonite. Samples (18535,36) of vein material in the shear returned high copper values (1.2-2.2% Cu). Samples (18603,04) of clay altered and sheared quartz monzonite along the ridge crest carry weak copper values.

Chalcopyrite, malachite and pyrite was observed in quartz-carbonate breccia vein in a major shear zone near the south boundary of the Park 13 claim. The steeply dipping (84°SE) shear zone is up to 25 metres wide and has been traced over 500m along a 032° strike. A sample (18408) of the breccia material returned weak copper values (0.53% Cu).

Chalcopyrite-quartz veins were found in float along the west side of the main valley near the southern boundary of the Park 10 claim. The mineralized float (18071) carries high copper and silver values. The mineralized float is likely dispersed from copper mineralization 200 metres south of the Park 11 claim identified by White (1970).

SOIL AND SILT GEOCHEMISTRY

One hundred and nine soil samples were taken at 50 and/or 100 m intervals along nine widely spaced soil lines from four areas of interest on the Sutlahine property. The soil lines were run along contour, subparallel to the main drainage directions. Twelve silt samples were collected from two separate drainage systems. Soil samples were generally taken in a poorly developed B horizon at depths between 5 and 35 cm, placed in Kraft bags and shipped to Min-En Labs in Vancouver for 30 element ICP and geochemical gold analysis. Analytical techniques are included in Appendix E.

Results of the geochemical sampling are discussed below. Sample locations with gold and silver results are plotted on Figure 4 while all results are compiled in Appendix D.

Two contour soil lines (L 1240, L 1360) were run near the eastern boundary of the Park 12 claim. Anomalous copper (up to 967 ppm Cu) in soils is found along the south end of L 1360 from stations 00+00N to 5+00N. Anomalous molybdenum values (9-105 ppm Mo) are found along line L 1360 from stations 9+00N to 16+00N. Weakly anomalous molybdenum values (6-33 ppm Mo) are found downslope of line L 1360 on line L 1240 from stations 12+00N to 18+00N. The anomalous copper and molybdenum values are interpreted to indicate weak copper mineralization in the underlying quartz monzonite. The extent of the copper-molybdenum soil anomaly does not suggest wide spread mineralization. Gold and silver results for these lines show background values.

Five soil samples (SSM1-SSM5) were collected from a traverse along the ridge in the northeast corner of the Park 10 claim. Three samples (SSM3-5) from soils overlying pyritic, hornfelsed volcanics returned anomalous copper (942, 225, 202 ppm Cu) and arsenic (437, 692, 338 ppm As). No mineralization was observed in the area of the soil samples. Anomalous nickel and chromium are associated with the soil samples suggesting a high metal background for the hornfelsed volcanics. Gold values are low (5 to 25 ppb Au).

Five contour soil lines (L 1200, L 1115, LT, L 1250 and L 1320) were run across gossanous and hornfelsed sediments and volcanics on the northern and northwestern portions of the Park 10 claim. Lines were run on either side of the valley and cover an area approximately 500m by 1000m. Soil survey results show widespread, highly anomalous arsenic with values up to 1300 ppm As. Copper results show a high background (100-200 ppm Cu) with anomalous values up to 570 ppm Cu. Anomalous nickel and chromium in soils and rocks (18074-76, 18902-06) are associated with the anomalous arsenic and copper values. On line L 1115 anomalous lead values (190, 200, 170, 150 ppm Pb) are present over 200m from stations 4+50E to 6+50E. Elevated gold (90 ppb Au) is reported at station 6+00E. The highly anomalous As sample of 1300 ppm As is found at station 7+00E. A single point anomalous bismuth value (45 ppm Bi) was reported in the same sample. The copper-arsenic-lead association may be indicative of mineralization in this area.

A series of soil samples (WT01-03, WT06-11) were collected on the Park 11 claim. Four samples carried weakly anomalous copper (110 to 220 ppm Cu) values. The anomalous soils are believed to be related to low grade copper mineralization reported by White (1970). White identified five copper showings in this general area. The copper mineralization occurs as chalcopyrite smears and fracture fillings in weakly altered quartz monzonite. Gold results returned <5 ppb Au.

Silt surveys results from 12 samples (S1-S7, WT04-05, 18409, 18901, 18907) do not show any significant anomalies. Samples with anomalous copper, WT04 (220 ppm Cu) and 18409 (180 ppm Cu) are believed to be indicative of weak copper mineralization in the quartz monzonite. Gold and silver results show background values.

CONCLUSIONS

The Sutlahine property is underlain by Upper Cretaceous or Tertiary, fine to medium grained quartz monzonite and Upper Triassic Stuhini Group volcanics and sediments. The Stuhini Group rocks are restricted to the northern and northwest portions of the property. Scattered occurrences of low grade copper mineralization are found as chalcopyrite-quartz-calcite veinlets and fracture fillings in structures (joints, fractures and shears) within the quartz monzonite. The mineralized structures show a dominant north to northeast trend. In some areas high silver values accompany the copper mineralization. The silver values are associated with sphalerite and galena mineralization.

Widely spaced, reconnaissance soil sampling located several copper-molybdenum and copper-arsenic anomalies. The copper-molybdenum soil anomalies occur within the quartz monzonite and are believed to be generated from copper occurrences similar to copper mineralization seen elsewhere on the property. Copper-arsenic soil anomalies are underlain by Stuhini Group rocks, often in gossanous or hornfelsed areas. Mineralization was not observed in the areas of the anomalous copper-arsenic soils. The source of the anomalous metals in soils is uncertain. Other anomalous metals (nickel,chromium) associated with the high copper-arsenic soils may indicate a high metal background associated with the underlying rock units. However, a strong copper-arsenic-lead soil anomaly on line L 1115 is more likely to be indicative of copper-gold mineralization.

The mineralization located on the Sutlahine property does not appear to be of economic grade. However, the mineralization identifies a significant mineralized system. Additional soil sampling, prospecting and mapping should be used to further evaluate the copper-arsenic soil anomalies.

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CERTIFICATE

I, Gregory G. Crowe, of Bowen Bay Road, Bowen Island, British Columbia hereby certify that:

1) I am a consulting geologist with offices at 205 - 470 Granville Street, Vancouver, B.C.

2) I hold a degree of Bachelor of Science in Geology from Carleton University, 1977.

3) I hold a degree of Master of Science in Structural Geology from the University of Calgary, 1981.

4) I am a Fellow of the Geological Association of Canada.

5) I am a registered member of the Association of Professional Engineers, Geophysicists and Geologists of Alberta (Membership No. 35569).

6) This report is based on work done under my direct supervision.

Dated on this 28th day of February, 1992 at Vancouver, B.C.

Gregory G. Crowe, M.Sc., P. Geol.

CERTIFICATE

I, Larry R. Haynes, of 127 E. 18th. Ave., Vancouver, British Columbia hereby certify that:

1) I am a consulting geologist with an office at 127 E. 18th Ave., Vancouver, B.C.

2) I hold a degree of Bachelor of Science in Geology from the University of British Columbia, 1972.

3) I have practised my profession continuously since 1972.

4) I am a Fellow of the Geological Association of Canada.

5) This report is based on work done under my supervision.

Dated on this 28th day of February, 1992 at Vancouver, B.C.

L. Haynes

Larry R. Haynes, B.Sc.

Appendix A

COST STATEMENT

COSTS INCURRED - JULY 15 TO AUG. 15, 1991

Mobilization		$ 1,500.00
Supervision - R. M. Cann/G. Crowe	1.8 @ $400/day	720.00
Field superv. - L. Haynes/J. Lehtinen	1.4 @ $375/day	525.00
Sr. geol. - L. Lyons	2.8 @ $350/day	980.00
Sr. geol. - W. Taylor	2.9 @ $350/day	1015.00
Ass't - H. Culbert	4.2 @ $225/day	945.00
Consultant - G. McArthur	2.8 @ $350/day	980.00
Food and accom. at Trapper Lk. camp	15.0 @ $120/manday	1,800.00
Consumable supplies & equip. rental	15.0 @ $25/manday	375.50
Portable radio rentals		37.50
Helicopter (Trans North)	4.5 @ $750/hr	3,375.00
Analytical		
Soils (Au+30 element ICP)	109 @ $12	1,308.00
Silts (Au+30 element ICP)	12 @ $12	144.00
Rocks (Au+30 element ICP)	32 @ $18	576.00
Camp Construction - Jempland (proportional share)		3,000.00
Report		
Drafting		500.00
Copying/Reproductions		300.00
Writing		3200.00
TOTAL		**$ 21281.00**

Appendix B

ROCK SAMPLE DESCRIPTIONS

ROCK DESCRIPTIONS - SUTLAHINE PROPERTY

SAMPLE NO.	CLAIM	WIDTH metres	UTM northing	UTM easting	ELEVATION metres	DESCRIPTION
18063			6488760	622820		Malachite-stained chlorite-veined quartz monz intrusive. Quartz veinlets 1-2m spacing N-S orientation. Cpy-mo-py.
18064			6488760	622820		Orangey weathering siliceous carbonate breccia with trace pyrite adjacent to basalt dyke, E-W trend.
18065			6488760	622820		Vuggy quartz-carbonate breccia adjacent to basalt dyke cutting qtz monz.
18066			6488760	622820		N-S trending cpy-chl quartz vein in quartz monz.
18067			6488760	622820		Cpy-qtz-chl vein, N-S in quartz monz.
18068			6488760	622820		Limonitic cpy-pb vein in quartz monz.
18071		Talus	6488900	621260		Chalcopyrite veins with quartz and chlorite in quartz monzonite intrusive near drop-off.
18072		Talus	6489040	621170		Rusty hornfels sediment, trace pyrite and pyrrhotite.
18073		Talus	6489120	621180		Rusty hornfels sediment, trace pyrite, cirque west area.
18074		O/C	6489840	621220	1045	Rusty hornfels sediment, trace pyrrhotite.
18075		O/C	6489650	620540	1150	Rusty hornfels cpy. Cirque 2.
18076		O/C	6489680	620500	1150	Hornfels sediment - calcsilicates.
18238	Park 11	Float	6488270	621400	1390	Monzonite float near creek - diss. pyrite, trace to .5% galena, trace to .5% chalcopyrite.
18239	Park 11	Float	6488220	621375	1400	Iron carbonate, limonitic boulder with angular green mafic fragments in quartz carbonate matrix. No sulphides seen.
18240	Park 11	Float	6488350	621375	1400	Green chloritic fine grained rock with pyrrhotite and pyrite along fractures.
18241	Park 11	Float	6486970	621275	1610	Gossanous andesitic float with bands of pyrite. 10-15% pyrite content.
18242	Park 11	Float	6486780	621940	1765	Sericite/chlorite/limonite altered monzonite with 4-5% disseminated pyrite.

ROCK DESCRIPTIONS - SUTLAHINE PROPERTY

SAMPLE NO.	CLAIM	WIDTH metres	UTM northing	UTM easting	ELEVATION metres	DESCRIPTION
18407	Park 13	Float	6486820	623900	1680	Siliceous monzonite with disseminated pyrite in narrow quartz veins. 10cm width on block near shear zone.
18408	Park 13	Grab	6487000	624020	1660	Quartz-carbonate breccia within altered fractured shear zone in monzonite. Breccia is about 1m wide at this point, shear zone is up to 25m, 030/84SE. Contains chalcopyrite, pyrite, malachite.
18534	Park 10	Grab	6489630	622230	1700	Quartz-chlorite-chalcopyrite-molybdenite along joint surface (164/86E) in altered quartz monz. Secondary quartz, k-spar, biotite; clay-altered feldspars.
18535	Park 12	Grab	6489730	622560	1720	Quartz veins in clay-altered monzonite. Cpy, galena, moly, possibly trace pyrite; malachite. Quartz veins are about 5cm wide in 5-6 meter wide alteration (possibly shear) zone.
18536	Park 12	Grab	6489410	622680	1710	Narrow quartz vein in clay-altered qtz-monzonite. Cpy, possibly trace moly.
18537	Park 12	Grab	6489080	622890	1750	Float from mineralized zone in cliffs (talus in glacier). Clay-altered monzonite, specks of cpy, and malachite.
18601	Park 10	Grab	6490045	622070	1640	Fine-grained metased containing about 2% po. Quartzose, rusty red-brown weathered sfc, blue-gray fresh sfc. Fine-grained sulphides diss. throughout. Stuhini sed o/c.
18602	Park 10	Grab	6490080	621998	1645	Fine-grained metased with about 3% po, tr py. Quartzose, rusty red-brown weathered sfc, blue-gray fresh sfc. Fine-grained sulphides diss. throughout. Stuhini sed o/c.
18603	Park 12	Grab	6489305	622510	1850	Sample in o/c in 30cm shear trending 172, dip 71N, containing blebs of cpy. Shear in medium-grained qtz-monzonite, clay-atered feldspars, calcite stringers.
18604	Park 12	Grab	6489010	622575	1890	Sample in o/c from 50cm wide shear in qtz-monz, trending 188/78E. Med-grained biotite-qtz-monz, clay-altered feldspars, powdery matrix with remob. qtz-carb, <1% py.

ROCK DESCRIPTIONS - SUTLAHINE PROPERTY

SAMPLE NO.	CLAIM	WIDTH metres	UTM northing	UTM easting	ELEVATION metres	DESCRIPTION
18902	Park 10	Grab	6489480	621800		Altered felsic dyke? flow? Spotty pyrite. Hornfelsed.
18903	Park 10	Grab	6489500	621800		15m north of 902. As for 902 with more pyrite.
18904	Park 10	Grab	6489880	621650		Hornfelsed volcanic tuff with disseminated pyrite. Fairly felsic tuffs.
18905	Park 10	Grab	6489930	621610		Hornfelsed volcanic tuff with pyrite. Variable tuffs from lapilli to agglomerate.
18906	Park 10	Grab	6490090	621550		Hornfelsed volcanic with massive pyrrhotite near contact zone with upper andesitic tuffs.

Appendix C

ROCK ANALYTICAL RESULTS

TSL LABORATORIES
DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

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

CERTIFICATE OF ANALYSIS

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

REPORT No.
S3037

INVOICE #: 17961
P.O.: R3404

SAMPLE(S) OF Rock

T. Muraro
Project: SLDSR Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
18238	75
18239	5
18240	10
18241	5
18242	5
18407	10
18408	55
18409	5

COPIES TO: J. Blackwell
INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

SIGNED _____

CTA

T S _ _OR_ _RIE_
2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:SLDSR AZIMUTH
S3037

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

REPORT No. : M9597
Page No. : 1 of 1
File No. : AU23MA
Date : AUG-26-1991

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
18238	2	0.84	< 5	< 10	62	< 1	< 5	0.36	< 1	13	75	2700	4.2	0.53	0.46	220	18	0.06	6	310	11	< 5	3	< 10	22	1300	48	< 10	13	51	2
18239	< 1	1.1	< 5	< 10	180	< 1	< 5	17	< 1	10	37	99	3.8	0.02	1.7	1100	< 2	<0.01	41	160	19	20	3	< 10	350	36	72	< 10	8	82	3
18240	< 1	2.6	< 5	< 10	21	< 1	15	1.1	< 1	64	200	410	13	0.24	1.1	1200	< 2	0.18	52	820	29	15	7	< 10	52	930	120	< 10	6	88	12
18241	< 1	1.2	100	< 10	9	< 1	< 5	0.19	1	25	61	28	8.7	0.12	0.71	200	100	<0.01	12	110	35	< 5	2	20	14	40	34	< 10	9	72	4
18242	3	0.49	110	< 10	28	< 1	5	0.05	< 1	3	83	170	4.2	0.46	0.14	53	14	0.01	3	250	20	< 5	< 1	10	10	31	13	< 10	4	13	2
18407	< 1	0.65	< 5	< 10	270	< 1	10	0.04	< 1	16	73	34	3.9	0.40	0.23	480	42	<0.01	3	140	9	< 5	< 1	< 10	9	58	15	< 10	5	34	< 1
18408	3	0.11	10	< 10	32	< 1	< 5	11	< 1	6	62	5300	4.0	0.13	1.4	1800	14	<0.01	5	62	33	15	< 1	< 10	90	3	32	< 10	18	51	3
18409	< 1	1.0	5	< 10	110	< 1	< 5	0.55	< 1	7	19	180	2.3	0.39	0.44	670	4	0.03	5	560	51	< 5	3	< 10	24	530	45	< 10	20	91	3

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/91

SIGNED : _____

COMP: AZIMUTH GEOLGOICAL
PROJ: SULTAHINE P.O. SLDSR
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0296-RJ1
DATE: 91/08/08
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
18071	58.3	43900	1	19	18	.1	319	53410	6.7	46	17647	120050	940	20	10900	1289	1	460	16	1270	488	11	300	1	3084	322.5	1245	1	1	14	73	5
18072	.1	43190	1	11	32	.1	7	9670	.1	28	488	121880	490	56	20070	2307	1	70	1	650	31	1	27	1	773	84.7	146	1	1	2	36	2
18073	.1	29630	18	9	76	.1	4	49360	.1	22	333	121780	210	22	5860	2352	1	20	1	630	6	1	106	1	791	114.0	111	1	1	2	28	4
18074	.1	25350	20	4	195	.5	2	5130	.1	19	160	45890	6850	31	12180	361	3	470	45	1210	20	1	16	1	137	50.0	34	1	1	3	55	1
18075	.2	42500	6	7	113	.1	11	20380	.1	27	326	75890	7650	27	12370	758	1	3800	39	1140	5	1	173	1	2265	166.2	58	1	1	7	122	6
18076	1.3	46160	163	5	49	.4	11	21000	.1	18	36	40940	3320	32	14090	639	5	4430	18	950	10	1	117	1	2530	153.2	54	2	1	7	101	2
18534	14.2	29240	1036	7	329	.3	64	3400	.1	17	3084	83650	1390	38	10040	1624	29	190	1	470	3138	26	20	8	79	45.9	644	4	1	195	61	65
18535	24.1	5520	32	3	36	.1	1531	1390	.1	9	22100	34130	1280	5	2000	435	73	60	1	170	563	33	7	1	40	12.4	75	1	1	35	168	28
18536	17.3	10680	30	4	59	.7	48	1810	.1	19	12081	49280	1420	11	3470	174	27	70	1	260	55	13	6	6	48	13.1	168	3	2	8	97	112
18537	5.0	5000	12	1	452	.6	11	57960	.1	8	2753	30820	1540	3	22820	820	8	30	1	240	40	5	87	1	26	31.8	77	2	1	5	94	2
18601	.3	23370	87	4	88	.7	9	10570	.1	15	213	43230	1630	38	9500	776	4	1080	21	540	11	1	67	1	684	58.5	53	2	1	5	98	3
18602	.5	17590	23	4	84	1.0	4	5130	.1	13	82	36950	2610	40	9640	388	2	740	11	590	6	2	40	1	697	39.1	36	1	1	4	69	2
18603	5.9	13190	183	2	485	.5	99	18600	.1	81	3487	51730	1890	20	6630	910	2	230	1	480	341	5	31	10	39	33.1	182	1	1	4	78	86
18604	2.1	3600	64	1	40	.7	6	68450	.1	23	152	34900	1420	2	11480	1344	3	20	1	170	187	9	65	2	13	31.3	124	3	1	3	49	1

COMP: AZIMUTH GEOLOGICAL
PROJ: SULTAHINE P.O. SLDSR
ATTN: G.CROWE

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0269-RJ1
DATE: 91/08/06
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
18902	.1	19350	290	10	105	.6	19	5790	.1	17	205	29790	5170	30	10280	295	5	530	29	990	55	1	14	3	1330	113.7	239	2	1	7	134	5
18903	.1	15690	29	6	33	.1	12	10110	.1	18	207	42940	800	20	7120	353	2	1640	39	1410	18	1	38	2	2011	106.9	57	2	1	6	118	11
18904	.1	10440	54	6	162	1.3	2	2280	.1	6	31	23840	2240	51	1760	74	9	640	2	180	8	1	15	3	172	23.8	23	1	1	6	155	13
18905	.1	34230	1	6	57	.6	15	15890	.1	20	197	55710	1120	28	3450	463	1	3180	1	990	17	1	106	2	1317	87.6	58	2	1	4	80	2
18906	.1	32630	158	14	31	.1	1	12100	.1	40	472	215910	850	36	6660	1794	1	3190	50	1180	26	1	87	1	754	104.3	180	1	1	1	52	14
18063	24.5	9100	106	3	236	.6	3470	5760	5.2	49	15555	38720	1890	14	5140	1156	5	40	15	210	1629	27	11	11	38	24.3	679	1	1	7	136	83
18064	.1	3710	114	2	103	.6	68	56260	.1	28	427	39110	2060	1	16050	1402	8	1790	1	140	75	1	65	7	18	24.8	70	1	1	4	94	19
18065	.1	2990	8	2	1140	.8	30	78620	.1	11	234	38320	420	4	32300	2300	1	40	4	150	56	3	151	4	21	44.8	84	1	1	2	44	1
18066	102.1	28480	206	5	754	2.3	385	3690	.1	40	30606	92490	2010	34	7890	778	19	20	1	140	5389	28	10	18	21	29.9	2072	3	2	4	43	80
18067	43.5	6570	346	4	142	.8	42	2550	3.9	94	35226	70790	1600	8	2000	2010	11	20	54	40	352	45	7	4	19	9.3	870	1	2	81	158	433
18068	249.9	4870	163	7	58	.5	4650	3630	420.7	45	28044	49530	1150	4	1470	468	23	30	1	60	17242	75	19	7	16	9.2	37264	1	4	18	158	130

Appendix D

SOIL AND SILT ANALYTICAL RESULTS

TSL LABORATORIES

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 Street
Vancouver, B.C. V6C 2X6

REPORT No. S3049

INVOICE #: 17948
P.O.: 1S-0432-SG1

SAMPLE(S) OF: Soils/Silt

T. Muraro
Project: SLDSR Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
L W 1	<5
L1115 10+65	<5
L1115 0+00E	<5
L1115 0+50E	10
L1115 1+00E	15
L1115 1+50E	5
L1115 2+00E	10
L1115 2+50E	30
L1115 3+50E	20
L1115 4+00E	30
L1115 4+50E	20
L1115 5+00E	10
L1115 5+50E	20
L1115 6+00E	90
L1115 6+50E	20
L1115 7+00E	<5
L1115 7+50E	15
L1115 8+00E	20
L1115 9+00E	5
L1115 9+50E	10

COPIES TO: J. Blackwell
INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

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CTA

TSL LABORATORIES

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 Street
Vancouver, B.C. V6C 2X6

REPORT No. S3049

INVOICE #: 17948
P.O.: 1S-0432-SG1

SAMPLE(S) OF: Soils/Silt

T. Muraro
Project: SLDSR Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
L1115 10+00E	10
L T 0+00S	110
L T 0+40S	65
L T 0+90S	<5
L T 1+35S	<5
L T 1+90S	10
L T 2+50S	<5
L T 3+00S	<5
L T 4+00S	<5
L T 4+50S	5
L T 5+20S	<5
L T 5+80S	10

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TSL LABORATORIES

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 Street
Vancouver, B.C. V6C 2X6

REPORT No. S3053

INVOICE #: 17956
P.O.: 1S-0432-SG3

SAMPLE(S) OF: Soils

G. Crowe
Project: SLDSR Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
L T 6+20S	10
L T 6+50S	5
L T 7+00S	5
L T 8+75S	10
L T 9+35S	15
L T 9+75S	5

COPIES TO: J. Blackwell
INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

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T S _ ...BORI. ..RIE.
2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:SLDSR
S3049

REPORT No. : M9601
Page No. : 1 of 1
File No. : AU23MB
Date : AUG-26-1991

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L W 1	< 1	0.40	5	< 10	48	< 1	< 5	0.45	< 1	5	24	130	3.2	0.06	0.24	250	< 2	0.01	5	820	13	< 5	2	< 10	16	370	120	< 10	18	36	3
L1115 10+65	< 1	0.71	30	< 10	83	< 1	< 5	0.37	< 1	7	20	86	3.0	0.12	0.37	440	< 2	0.01	7	820	44	< 5	3	< 10	16	310	87	< 10	20	74	2
L1115 0+00 E	< 1	2.0	45	< 10	79	< 1	< 5	0.64	< 1	14	27	110	3.4	0.40	0.63	770	< 2	0.04	29	940	25	< 5	6	< 10	49	740	89	< 10	11	80	4
L1115 00+50 E	< 1	6.8	860	< 10	170	1	< 5	0.55	< 1	22	17	200	5.1	<0.01	0.37	570	4	0.01	32	1200	65	< 5	5	< 10	100	280	61	< 10	11	110	9
L1115 1+00 E	< 1	2.7	910	< 10	140	1	< 5	0.25	< 1	27	19	210	6.0	0.28	0.46	620	6	0.01	81	860	48	5	5	< 10	59	230	61	< 10	15	170	5
L1115 1+50 E	< 1	2.6	240	< 10	110	< 1	< 5	0.23	< 1	6	14	82	3.6	0.13	0.24	300	4	0.01	13	1300	52	< 5	2	< 10	86	100	55	20	5	74	3
L1115 2+00 E	< 1	3.5	530	< 10	140	< 1	< 5	0.37	< 1	17	31	200	6.4	0.09	0.54	580	8	0.02	43	1400	65	< 5	7	< 10	120	220	89	< 10	10	140	7
L1115 2+50 E	< 1	2.5	280	< 10	210	< 1	< 5	0.39	< 1	22	21	100	4.6	0.19	0.68	1300	< 2	0.01	25	1100	62	< 5	6	< 10	62	49	62	< 10	13	110	4
L1115 3+50 E	< 1	1.6	110	< 10	200	< 1	< 5	0.61	< 1	11	12	34	3.1	0.07	0.44	880	< 2	0.02	13	930	43	< 5	3	< 10	76	110	40	< 10	10	98	2
L1115 4+00 E	< 1	2.1	130	< 10	320	< 1	< 5	0.57	< 1	17	16	56	3.2	0.05	0.47	1600	< 2	0.02	14	1300	81	< 5	3	< 10	82	120	49	< 10	15	98	2
L1115 4+50 E	< 1	2.1	130	< 10	300	< 1	< 5	0.61	< 1	14	20	38	3.7	0.12	0.68	1200	2	0.02	18	1100	190	5	4	< 10	82	130	52	20	13	200	2
L1115 5+00 E	< 1	2.1	120	< 10	270	< 1	5	0.66	< 1	11	23	40	3.8	0.19	0.72	910	2	0.02	21	1200	200	5	4	< 10	80	120	53	30	11	260	3
L1115 5+50 E	< 1	2.0	110	< 10	300	< 1	< 5	0.69	< 1	12	20	38	3.4	0.08	0.69	1000	< 2	0.02	18	970	170	< 5	3	< 10	74	110	49	< 10	10	190	3
L1115 6+00 E	< 1	1.8	75	< 10	450	< 1	< 5	1.1	< 1	8	17	40	3.0	<0.01	0.54	620	< 2	0.02	14	1200	150	< 5	3	< 10	110	110	44	< 10	16	200	2
L1115 6+50 E	< 1	1.2	50	< 10	730	< 1	< 5	1.2	< 1	17	10	44	2.3	0.10	0.29	2100	2	0.01	7	1500	97	< 5	2	< 10	96	53	31	< 10	11	100	< 1
L1115 7+00 E	< 1	3.2	1300	< 10	350	< 1	45	0.86	4	36	15	52	3.8	0.25	0.51	1200	< 2	0.02	21	1000	61	< 5	5	< 10	230	130	63	< 10	16	110	4
L1115 7+50 E	< 1	1.9	240	< 10	680	< 1	< 5	0.82	< 1	26	10	110	3.6	0.26	0.41	1200	< 2	0.01	14	920	62	< 5	4	< 10	94	38	42	< 10	23	110	4
L1115 8+00 E	< 1	1.7	160	< 10	510	< 1	< 5	0.69	< 1	23	9	43	3.2	0.07	0.43	1400	< 2	0.01	15	1000	70	< 5	4	< 10	59	33	37	< 10	17	150	3
L1115 9+00 E	< 1	1.8	220	< 10	240	< 1	< 5	0.56	< 1	19	11	59	3.4	<0.01	0.47	1300	< 2	0.02	13	840	97	< 5	4	< 10	69	120	50	< 10	16	130	2
L1115 9+50 E	< 1	1.7	300	< 10	310	< 1	< 5	0.62	< 1	15	9	38	3.3	0.09	0.45	1300	< 2	0.02	10	980	110	< 5	3	< 10	66	66	38	< 10	15	170	2
L1115 10+00 E	< 1	1.8	250	< 10	280	< 1	< 5	0.82	< 1	17	10	38	3.5	<0.01	0.47	1500	< 2	0.02	11	1000	91	< 5	4	< 10	72	93	42	< 10	15	160	3
L T 0+00 S	< 1	3.7	510	< 10	82	1	< 5	0.71	< 1	42	28	210	4.6	<0.01	0.64	1200	< 2	0.02	43	1300	51	5	5	< 10	100	410	75	< 10	8	160	4
L T 00+40 S	< 1	2.7	360	< 10	70	< 1	< 5	0.79	< 1	33	25	140	4.4	0.06	0.63	1400	< 2	0.02	35	2200	40	< 5	4	< 10	95	430	65	< 10	7	160	3
L T 00+90 S	< 1	3.5	410	< 10	51	< 1	< 5	1.1	< 1	31	31	190	6.6	0.30	0.68	970	< 2	0.02	41	1300	32	< 5	7	< 10	120	650	87	< 10	9	160	7
L T 1+35 S	< 1	2.4	250	< 10	56	< 1	< 5	0.39	< 1	16	23	140	4.2	0.26	0.53	680	4	0.01	26	2000	29	10	4	< 10	52	360	58	20	6	110	3
L T 1+90 S	< 1	2.3	340	< 10	120	1	< 5	0.38	< 1	21	22	120	4.7	0.04	0.43	1100	< 2	0.01	26	1700	34	10	3	< 10	76	260	58	10	8	150	2
L T 2+50 S	< 1	1.3	110	< 10	67	< 1	< 5	0.17	< 1	4	16	60	2.4	0.25	0.22	180	4	0.01	10	780	27	< 5	2	< 10	31	120	61	< 10	4	65	< 1
L T 3+00 S	< 1	1.9	130	< 10	72	< 1	< 5	0.34	< 1	14	27	170	3.9	0.26	0.54	660	< 2	0.01	23	650	38	< 5	3	< 10	32	160	99	< 10	6	110	1
L T 4+00 S	< 1	2.9	450	< 10	130	< 1	< 5	0.26	< 1	23	22	140	5.0	0.14	0.50	1200	< 2	0.01	25	1400	41	< 5	4	< 10	43	260	93	< 10	7	130	3
L T 4+50 S	< 1	2.4	520	< 10	98	< 1	< 5	0.66	1	35	23	370	6.3	0.02	0.69	960	< 2	0.02	43	590	60	< 5	9	< 10	71	220	130	< 10	12	210	7
L T 5+20 S	< 1	2.2	420	< 10	100	< 1	< 5	0.73	< 1	35	23	320	5.3	0.09	0.64	1300	< 2	0.01	31	1100	36	10	8	< 10	56	79	110	10	12	170	5
L T 5+80 S	< 1	2.5	220	< 10	56	< 1	< 5	1.4	< 1	47	14	470	6.4	0.20	0.86	1700	< 2	0.03	26	710	20	15	13	< 10	83	750	180	< 10	14	150	10

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/91

SIGNED : DSR

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:SLDSR
S3053

[illegible] S [illegible]ORI [illegible]RIE
2-302-48TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

REPORT No. : M9590
Page No. : 1 of 1
File No. : AU23MB
Date : AUG-26-1991

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L T 6+20 S	< 1	2.5	210	< 10	53	< 1	< 5	1.5	1	44	16	570	6.2	<0.01	0.79	1300	< 2	0.03	25	890	24	5	13	< 10	79	470	190	< 10	15	180	9
L T 6+50 S	< 1	2.2	210	< 10	46	< 1	< 5	1.4	< 1	34	15	510	5.3	<0.01	0.68	1100	< 2	0.02	21	1100	23	5	11	< 10	73	370	160	< 10	15	160	7
L T 7+00 S	< 1	2.2	140	< 10	79	< 1	< 5	1.1	< 1	44	17	400	4.7	0.12	0.61	1600	< 2	0.02	19	1200	52	< 5	7	< 10	55	200	150	< 10	12	160	4
L T 8+75 S	< 1	2.1	110	< 10	210	< 1	5	1.1	< 1	31	29	230	7.2	0.06	0.76	1900	< 2	0.02	30	1000	13	15	21	< 10	49	370	240	< 10	26	150	12
L T 9+35 S	< 1	2.0	110	< 10	150	< 1	5	1.1	< 1	27	32	190	7.0	0.11	0.77	1200	< 2	0.03	31	910	12	10	17	< 10	50	400	230	< 10	19	110	11
L T 9+75 S	< 1	2.0	130	< 10	200	< 1	< 5	1.9	< 1	30	30	200	7.0	0.08	0.75	1400	< 2	0.02	31	1000	13	10	17	< 10	69	380	230	< 10	19	110	11

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/91

SIGNED : _____

TSL LABORATORIES
DIV. BURGENER TECHNICAL ENTERPRISES LIMITED

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

CERTIFICATE OF ANALYSIS

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

REPORT No.
S3047

INVOICE #: 17941
P.O.: 1S-0430-SG1

SAMPLE(S) OF Soils

T. Muraro
Project: SLDSR Azimuth

REMARKS: Azimuth Geological Inc.

	Au ppb
L WT 1	<5
L WT 2	<5
L WT 3	<5
L WT 4	<5
L WT 5	<5
L WT 6	<5
L WT 7	<5
L WT 8	<5
L WT 9	<5
L WT 10	<5
L WT 11	<5
L HC 1	<5
L HC 2	<5

COPIES TO: J. Blackwell
INVOICE TO: Prime Exploration - Vancouver

Aug 19/91

SIGNED _____

CTA

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:SLDSR
S3047

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

REPORT No. : M9600
Page No. : 1 of 1
File No. : AU23MB
Date : AUG-26-1991

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
L WT 1	2	1.9	25	20	92	< 1	< 5	0.80	2	17	44	220	5.0	0.13	0.96	1200	4	0.05	21	940	170	10	6	< 10	72	450	170	30	13	290	5
L WT 2	< 1	0.73	5	30	110	< 1	< 5	0.34	< 1	6	15	81	2.5	0.31	0.47	400	< 2	0.02	6	560	13	< 5	3	< 10	17	690	56	< 10	18	49	4
L WT 3	< 1	0.88	5	20	130	< 1	< 5	0.25	< 1	7	16	85	2.9	0.12	0.46	560	< 2	0.01	6	460	13	< 5	3	< 10	9	260	67	< 10	16	52	2
L WT 4	< 1	1.0	< 5	20	200	< 1	< 5	0.87	< 1	8	19	220	2.7	0.23	0.52	540	< 2	0.01	15	670	23	< 5	3	< 10	23	83	45	< 10	26	68	2
L WT 5	< 1	0.78	5	20	97	< 1	< 5	0.29	< 1	6	8	66	1.9	0.27	0.44	370	< 2	0.01	6	340	9	< 5	3	< 10	13	260	25	< 10	13	45	3
L WT 6	< 1	1.7	10	20	85	< 1	< 5	0.17	< 1	9	17	110	2.9	0.18	0.50	790	< 2	0.02	10	730	26	5	3	< 10	12	300	66	< 10	14	73	< 1
L WT 7	< 1	1.1	5	20	150	< 1	< 5	0.40	< 1	7	14	23	2.8	0.33	0.61	550	2	0.02	8	580	18	< 5	5	< 10	13	220	62	< 10	25	46	3
L WT 8	< 1	1.6	20	10	180	1	< 5	0.40	< 1	11	19	120	3.5	0.16	0.64	970	< 2	0.01	13	830	25	< 5	7	< 10	17	160	60	< 10	25	78	2
L WT 9	< 1	0.96	10	20	180	< 1	< 5	0.38	< 1	8	17	34	3.0	0.41	0.54	520	2	0.02	8	710	18	< 5	5	< 10	12	310	70	< 10	25	48	3
L WT 10	< 1	1.3	< 5	20	73	< 1	< 5	0.20	< 1	9	18	170	3.1	0.12	0.50	450	4	0.02	9	660	19	< 5	4	< 10	8	570	74	< 10	14	63	1
L WT 11	< 1	1.4	15	20	54	< 1	< 5	0.13	< 1	8	17	98	3.1	0.55	0.53	480	2	0.02	9	230	18	< 5	4	< 10	9	570	70	< 10	8	71	2
L HC 1	< 1	1.2	< 5	10	190	2	< 5	1.0	< 1	11	14	39	3.7	0.27	0.44	910	2	0.01	8	1400	17	< 5	11	< 10	37	210	62	< 10	38	89	6
L HC 2	< 1	1.4	20	20	190	< 1	< 5	0.56	< 1	17	23	170	4.1	0.32	0.69	1200	< 2	0.02	20	890	23	< 5	10	< 10	24	630	72	< 10	38	75	6

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/91

SIGNED : _____

COMP: AZIMUTH GEOLOGICAL
PROJ: SULTAHINE P.O. SLDSR
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0296-SJ2
DATE: 91/08/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L12 0+00	.3	31270	86	9	67	.6	8	4720	.1	17	201	34210	1370	25	7390	598	4	630	9	1170	57	1	18	2	614	79.4	115	5	1	2	17	30
L12 1+00	.6	30560	507	6	498	.8	6	11700	.1	34	142	36010	2150	35	6300	2127	1	230	5	1410	164	3	70	2	172	59.3	171	4	1	1	7	10
L12 2+00	.6	46620	205	4	81	.4	10	11790	.1	17	106	36020	1580	23	7080	546	2	620	16	1750	44	1	82	1	808	82.1	91	5	1	2	24	10
L12 3+00	.4	56690	499	4	74	.8	6	19690	.1	33	145	44340	2080	28	7670	2070	3	570	46	1140	39	1	124	1	697	85.9	91	5	1	2	27	5

COMP: AZIMUTH GEOLOGICAL
PROJ: SULTAHINE P.O. SLDSR
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0269-SJ2
DATE: 91/08/08
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
L1320 3+00N	.4	29430	84	34	315	.9	5	12680	.1	53	203	59540	2430	43	43250	1175	1	640	256	1070	23	1	191	1	1371	98.3	130	1	1	9	243	5
L1320 2+00N	.1	25850	35	10	166	1.4	3	14410	.1	38	224	84630	1790	30	13440	1809	1	230	12	1450	10	9	37	1	916	280.3	110	1	1	5	36	5
L1320 1+50N	.1	25080	38	4	754	1.7	2	6800	.1	12	43	30440	2860	30	4130	1243	1	70	5	1150	44	1	36	1	62	52.7	112	1	1	1	10	5
L1320 1+00N	.1	24070	246	6	372	1.4	3	8200	.1	28	98	46510	1920	32	6660	1600	4	180	30	1160	72	2	44	1	148	61.7	137	1	1	2	22	5
L1320 0+50N	.1	30270	360	4	345	2.0	2	5140	.1	26	144	59940	2750	52	11370	1489	2	70	37	1210	30	2	14	1	170	90.0	130	1	1	3	33	5
L1320 0+00N	.1	32910	334	5	170	1.7	15	4890	.1	31	201	54750	2490	39	18550	1268	5	210	90	1280	34	4	19	1	332	101.9	120	1	1	6	102	10
L1250 5+00N	.1	34430	318	6	92	1.1	4	12870	.1	41	463	68450	920	26	12600	1459	1	720	31	1160	41	3	62	1	1096	181.2	192	1	1	4	26	5
L1250 4+00N	.1	33640	443	7	109	1.3	4	12480	.1	51	484	75750	1720	33	13290	2131	1	160	23	1360	51	18	55	1	1042	169.3	229	1	1	3	32	5
L1250 3+00N	.2	31560	190	6	47	.5	8	22140	.1	42	560	77920	1180	27	12620	1446	1	790	5	1150	24	10	70	1	2296	230.2	152	1	1	4	17	5
L1250 2+00N	.6	29060	83	6	54	.5	8	21810	.1	37	414	64360	780	27	12240	1283	1	420	7	660	29	1	64	1	2278	200.0	115	1	1	4	19	5
L1250 1+00N	1.3	27080	26	5	43	.6	10	17980	.1	41	393	67520	1840	29	14350	2118	1	360	7	1240	11	2	73	1	2483	200.9	103	1	1	4	17	5
L1250 0+00N	.4	28480	83	11	197	.9	5	12010	.1	59	251	61000	2250	36	39020	1377	1	520	248	1220	28	1	94	1	1514	115.7	142	1	1	10	245	5

COMP: AZIMUTH GEOLOGICAL
PROJ: SULTANINE P.O. SLDSR
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0296-SJ1
DATE: 91/08/09
* SILTS * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
S 1	.5	4340	1	5	59	.1	6	10570	.1	8	48	27880	560	6	2950	273	1	230	1	970	12	1	20	14	911	89.3	24	1	1	2	19	5
S 2	.4	6560	1	4	176	.1	5	11670	.1	8	27	28220	990	8	3810	377	1	300	1	1040	15	1	30	13	834	78.8	32	2	1	2	17	5
S 3	.5	6300	1	3	56	.1	8	5870	.1	9	47	26960	1030	10	4230	380	1	210	1	1090	13	1	12	5	1002	73.1	38	2	1	3	16	10
S 4	.5	5860	1	3	60	.1	7	5230	.1	7	42	21820	1120	10	4010	344	1	210	1	840	9	1	11	6	880	56.7	33	2	1	2	12	5
S 5	.6	5320	1	2	62	.1	6	8310	.1	7	41	19900	960	9	3580	340	1	190	1	910	10	1	14	4	725	48.9	31	2	1	2	11	5
S 6	.5	5690	1	2	57	.1	9	6580	.1	8	47	25580	940	10	3850	346	1	220	1	1130	11	1	12	8	922	69.0	44	2	1	3	15	5
S 7	.5	5750	1	4	49	.1	7	5730	.1	8	80	35310	890	9	3390	416	1	190	1	1070	24	1	10	22	918	113.7	50	1	1	3	21	5

COMP: AZIMUTH GEOLOGICAL INC.
PROJ: SULTAHINE SLDSR
ATTN: GREG CROWE/JERRY BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0304-SJ1+2
DATE: 91/08/09
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
SSM1	.9	19990	1	7	136	1.8	3	6770	.1	12	52	30610	1280	19	6370	1035	4	30	1	950	41	1	9	27	165	51.0	63	4	1	1	11	5
SSM2	.8	13070	5	4	103	1.2	4	5230	.1	13	46	31110	1700	13	3910	1529	5	30	1	690	41	1	15	29	184	50.6	52	3	1	1	6	10
SSM3	.2	33030	437	6	90	.9	51	5360	.1	38	942	83820	1870	38	9020	1212	2	170	42	1260	49	2	30	1	309	67.9	102	1	1	2	35	25
SSM4	.1	34950	692	5	273	1.8	22	6630	.1	64	225	77780	2710	46	11920	3571	2	100	88	930	32	6	23	1	39	58.1	112	2	1	1	28	5
SSM5	.5	36500	338	17	229	1.1	28	14800	.1	65	202	69340	2300	43	54580	1900	1	330	448	1480	14	5	63	1	777	154.9	157	1	4	26	693	5
SSM6	1.0	24510	9	2	161	1.5	12	6840	.1	14	303	34680	1860	22	7780	1305	8	50	2	1060	63	1	11	20	258	61.2	81	4	1	2	17	5
L1240 20+00N	1.0	12240	22	1	66	.3	8	5630	.1	12	87	30700	1090	16	5720	647	3	150	1	1020	29	1	10	1	940	77.8	52	2	1	2	15	5
L1240 19+00N	1.2	18360	53	2	106	1.0	11	8330	.1	16	95	35080	1550	23	6720	1006	2	130	4	1250	46	1	15	10	560	71.4	76	3	1	2	14	5
L1240 18+00N	.6	20960	44	2	70	.8	17	4200	.1	13	135	37660	980	26	4640	976	33	530	1	1010	59	1	10	1	338	68.1	69	4	1	2	9	5
L1240 17+00N	.9	16660	20	1	147	1.2	6	8380	.1	13	75	36300	1210	20	6560	986	3	470	1	1250	46	1	16	1	278	83.0	70	4	1	2	14	5
L1240 16+00N	.5	21930	12	1	35	.3	6	2960	.1	11	49	38940	880	19	5080	857	7	480	1	1070	42	1	7	1	593	98.8	62	4	1	3	16	5
L1240 15+00N	.5	17950	5	2	94	.9	6	6100	.1	15	37	39310	1220	20	8850	940	3	380	11	1380	43	1	10	7	375	97.4	75	4	1	3	28	5
L1240 14+00N	.6	12220	4	1	74	.4	4	5590	.1	11	30	24160	1310	11	4650	949	13	550	3	1240	36	1	18	1	269	52.0	64	2	1	1	9	5
L1240 13+00N	.6	15410	3	1	156	1.2	5	7490	.1	15	43	41440	1760	18	6330	1031	5	80	9	1750	33	1	14	21	409	92.0	74	4	1	2	23	5
L1240 12+00N	.9	12550	2	1	54	.2	3	3330	.1	4	29	17860	760	5	2130	244	18	500	1	1320	23	1	11	1	175	50.7	29	3	1	1	11	5
L1240 11+00N	.7	14180	8	1	148	.9	6	6410	.1	12	93	34360	1670	15	4390	838	6	70	1	1020	42	1	11	14	340	71.4	66	3	1	1	12	5
L1240 10+00N	1.1	10740	1	1	85	.3	7	6500	.1	11	51	30270	1490	15	6230	617	1	210	1	1000	23	1	14	14	941	70.7	47	2	1	2	14	10
L1240 09+00N	1.1	7280	1	1	63	.1	9	5410	.1	9	73	28740	1320	12	4340	500	1	230	1	860	22	1	10	11	1038	78.6	39	1	1	2	13	5
L1240 08+00N	1.3	11550	1	1	124	.2	7	6660	.1	9	69	27540	1810	14	5780	636	1	280	1	800	28	1	14	14	947	64.3	62	2	1	2	12	5
L1240 07+00N	1.2	9370	1	1	86	.2	8	6290	.1	11	70	32420	1500	13	5450	540	1	270	1	1120	20	1	13	9	1041	87.3	47	2	1	3	18	5
L1240 06+00N	1.0	11990	1	1	109	.2	9	6730	.1	12	81	36600	1790	15	6430	618	1	360	1	1160	18	1	16	9	1234	95.3	53	2	1	3	21	5
L1240 05+00N	1.2	10460	1	1	86	.3	14	6620	.1	12	94	36390	1820	16	6160	623	2	190	1	1220	27	1	13	20	1101	96.5	57	1	1	3	19	5
L1240 04+00N	1.3	11220	1	1	107	.5	8	6710	.1	12	69	34150	1980	17	6120	610	1	240	1	1160	18	1	16	16	1255	84.3	54	2	1	3	18	5
L1240 03+00N	1.1	6570	1	1	55	.1	10	5900	.1	9	64	31110	1020	10	4010	429	1	210	1	1070	16	1	11	8	1011	90.6	42	1	1	4	18	5
L1240 02+00N	1.2	6430	2	1	58	.1	10	5880	.1	9	56	30520	1150	10	3910	398	1	240	1	1020	15	1	11	6	1086	88.7	38	2	1	3	18	10
L1240 01+00N	1.2	5380	1	1	41	.1	7	5770	.1	8	47	34010	740	7	2930	381	1	170	1	910	21	1	10	11	1154	110.5	40	1	1	3	19	5
L1240 00+00N	.9	5090	1	1	39	.1	6	5880	.1	9	71	43640	710	7	2950	398	1	180	1	970	26	1	9	15	1214	151.9	34	1	1	4	25	5
L1360 16+00N	1.0	25290	54	2	96	1.3	12	5440	.1	22	264	48330	1690	32	6220	1897	39	60	1	930	71	1	12	22	385	84.8	91	5	1	2	12	5
L1360 15+00N	.8	18670	22	1	120	1.5	6	8140	.1	15	96	36550	1930	23	7890	1054	1	60	1	1340	41	1	13	18	204	86.9	71	4	1	2	14	5
L1360 14+00N	1.2	26380	23	1	53	1.1	7	8130	.1	11	97	29420	1310	34	7940	567	12	410	4	1060	53	1	28	1	512	66.7	81	5	1	3	14	5
L1360 13+00N	.6	25920	97	8	83	.8	12	6240	.1	14	77	39300	1280	57	8590	691	105	480	4	1020	80	1	26	1	1146	85.0	101	6	1	3	18	5
L1360 12+00N	.4	18110	4	3	144	1.3	10	5210	.1	14	79	38750	1440	20	6490	1112	9	80	4	1040	50	2	11	11	400	79.9	88	3	1	3	16	10
L1360 11+00N	.3	21050	1	3	184	1.5	6	7450	.1	15	56	43450	1540	25	6930	1083	14	120	3	1200	44	1	15	19	539	90.1	94	3	1	3	20	10
L1360 10+00N	.4	22010	1	4	149	1.1	8	5310	.1	15	66	36710	1440	25	5990	1815	19	110	1	1260	58	2	14	1	549	71.3	86	4	1	3	12	5
L1360 09+00N	.5	24340	22	2	46	.9	7	2090	.1	9	47	30930	1440	37	5310	551	35	410	1	1080	52	3	9	1	451	70.5	114	4	1	3	13	5
L1360 08+00N	1.2	33570	23	3	251	1.9	10	9410	.1	11	80	34580	3910	46	7960	1072	10	460	2	1070	66	5	61	27	130	71.5	81	9	1	3	17	5
L1360 07+00N	1.0	26070	19	2	138	1.3	15	8210	.1	13	144	33570	2030	34	7050	739	7	540	2	970	76	3	31	1	224	69.4	86	5	1	3	15	10
L1360 06+00N	.5	18280	1	2	197	1.2	7	8540	.1	13	57	34380	1920	17	6630	1134	3	620	2	1090	47	1	21	6	479	72.4	89	3	1	3	15	5
L1360 05+00N	.8	20160	13	2	183	1.6	34	7820	.1	11	332	30640	2040	21	4930	983	7	440	1	760	105	2	17	11	234	46.2	108	4	1	2	8	5
L1360 04+00N	.5	22630	4	2	304	1.6	12	6100	.1	9	155	27600	2170	19	4080	680	5	70	1	610	68	3	12	14	183	47.7	72	4	1	2	9	5
L1360 03+00N	.6	12640	1	1	102	.5	5	3480	.1	4	72	18190	1720	7	1730	181	4	80	1	500	32	1	8	1	191	38.7	43	1	1	1	6	5
L1360 02+00N	.5	19760	4	1	81	.9	5	1920	.1	8	72	24980	1430	24	3100	632	8	610	1	680	48	2	13	1	248	44.5	62	3	1	1	8	10
L1360 01+00N	.9	23860	39	1	590	2.0	14	6050	.1	11	967	29700	2400	20	5300	718	8	140	5	760	64	5	17	5	173	56.2	95	5	1	3	20	5
L1360 00+00N	.6	25680	1	2	351	1.8	8	7880	.1	21	173	49270	1880	27	13190	1208	1	120	20	1830	51	1	22	1	959	130.2	127	3	1	4	43	10

T S L LABORATORIES
2-302-46TH STREET, SASKATOON, SASKATCHEWAN S7K 6A4
PHONE #: (306) 931 - 1033 FAX #: (306) 242 - 4717

PRIME EXPLORATION LTD.
10th Floor Box 10
808 West Hastings St.
PROJ:SLDSR AZIMUTH
S3037

REPORT No. : M9597
Page No. : 1 of 1
File No. : AU23MA
Date : AUG-26-1991

I.C.A.P. PLASMA SCAN

Aqua-Regia Digestion

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
18409	< 1	1.0	5	< 10	110	< 1	< 5	0.55	< 1	7	19	180	2.3	0.39	0.44	670	4	0.03	5	560	51	< 5	3	< 10	24	530	45	< 10	20	91	3

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3
at 95 C for 90 min and diluted to 10 ml with DI H2O
This method is partial for many oxide materials

TSL/91

SIGNED : _____

COMP: AZIMUTH GEOLOGICAL
PROJ: SULTAHINE P.O. SLDSR
ATTN: G.CROWE/J.BLACKWELL

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 1S-0269-SJ1
DATE: 91/08/08
* SILT * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-WET PPB
18901	.5	4110	1	5	39	.4	4	5880	.1	6	116	23050	830	7	2750	221	1	110	1	790	9	1	8	9	644	73.1	24	1	1	2	13	5
18907	.1	3380	1	6	34	.8	2	6000	.1	11	176	72410	590	6	2280	246	1	80	1	1240	3	1	6	43	653	289.8	39	1	1	6	49	5

Appendix E

ANALYTICAL PROCEDURES

MINERAL
• ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PRECEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR WET GOLD GEOCHEMICAL ANALYSIS

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

5.00 grams of sample is weighed into porcelain crucibles and cindered @ 800 C for 3 hours. Samples are then transferred to beakers and digested using aqua regia, diluted to volume and mixed.

Further oxidation and treatment of 75% of the above solution is then extracted for gold by Methyl Iso-butyl Ketone.

The MIBK solutions are analyzed on an atomic absorption spectrometer using a suitable standard set.

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067
FAX: (604) 980-9621

MINERAL
•ENVIRONMENTS
LABORATORIES

Division of Assayers Corp. Ltd.

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR TRACE ELEMENT ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu,
Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb,
Sr, Th, U, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

0.50 gram of the sample is digested for 2 hours with an aqua regia mixture. After cooling samples are diluted to standard volume.

The solutions are analyzed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers.

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067
FAX: (604) 980-9621

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

1 - SAMPLE PREPARATION PROCEDURES
Rock and Core

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

Soils
- 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.

Assay Silver (Ag oz/ton) -
A 2.00g sample is digested with 15mls HCl plus 5mls HN03 for 1 hour in a covered beaker; diluted to 100mls with 1:1 HCl. The solution is then run on the Atomic Absorption.

3 - 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 HN03, then redissolved with 5mls HN03 and diluted to 100mls with DI H20. The solution is run on the Atomic Absorption.

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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.

7. Mercury Analysis -
A 1 gram subsample is digested with 4mls of nitric acid plus 1ml of sulfuric acid in a water bath for 1 1/2 to 2 hours, diluted with DI water. A couple of drops of a potassium permangante solution are then added to each sample solution. An aliquot of each solution is then analyzed on the A.A. by a cold vapor procedure.

Yours truly,

Bernie Dunn

Bernie Dunn

BD/vh

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,208

LEGEND

LITHOLOGIES

CRETACEOUS and TERTIARY

12/11 Probably genetically related to 10
11 Felsite, quartz-feldspar porphyry
12 Medium to coarse grained, pink, biotite-hornblende quartz monzonite

10 SLOKO GROUP Light green, purple and white rhyolite, dacite and trachyte flows, pyroclastic rocks and derived sediments

JURASSIC AND/OR CRETACEOUS
Post Middle Jurassic

9 9a Hornblende-biotite granodiorite; 9b Biotite-hornblende quartz diorite; 9c Hornblende diorite; 9d Augite diorite

JURASSIC
Lower and Middle Jurassic

LABERGE GROUP (7/8)

8 TAKWAHONI FORMATION: Granite boulder conglomerate, chert pebble conglomerate, greywacke, quartzose sandstone, siltstone, shale

7 INKLIN FORMATION: Well bedded greywacke, graded siltstone and silty sandstone, pebbly mudstone, limy pebble conglomerate, limestone

TRIASSIC
Upper Triassic

6 SINWA FORMATION: Limestone; minor sandstone, argillite, chert

STUHINI GROUP (4/5)

5 KING SALMON FORMATION: Thick bedded dark greywacke, conglomerate, mudstone, siltstone and shale; minor andesitic lava, volcanic breccia, tuff, limestone, limy shale; locally enclosed in 4

4 Mainly volcanic rocks; andesite and basalt flows, pillow lava, volcanic breccia and agglomerate, lapilli tuff; minor volcanic sandstone, greywacke and siltstone.

LOWER OR MIDDLE TRIASSIC(?)

3 Fine to medium grained, strongly foliated diorite, quartz diorite; and minor granodiorite; age uncertain

TRIASSIC AND EARLIER

2 Fine grained clastic sediments and intercalated volcanic rocks, largely altered to greenstone and phyllite; chert, jasper, greywacke limestone

PERMIAN(?)

1 May not all be of the same age. Peridotite, serpentinite, small irregular bodies of gabbro and pyroxene diorite

A Diorite gneiss, amphibolite, migmatite; age unknown

Geology after J.G. Souther, 1970

SYMBOLS

- ROCK SAMPLE OUTCROP
- ROCK SAMPLE FLOAT
- SILT SAMPLE
- SOIL GEOCHEM LINE Au ppb Ag ppm
- SOIL SAMPLE SITE
- GEOLOGICAL CONTACT
- BEDDING ATTITUDE
- JOINTING
- FOLIATION
- SHEAR/FAULT
- GOSSAN
- LEGAL CORNER POST (L.C.P.)

ABBREVIATIONS

AZ	Azurite
AS	Arsenopyrite
CA	Calcite
CB	Carbonate
CB(Fe)	Carbonate(Iron)
CP	Chalcopyrite
EP	Epidote
GN	Galena
HM	Hematite
LM	Limonite
MA	Malachite
MO	Molybdenite
PO	Pyrrhotite
PY	Pyrite
QZ	Quartz
SI	Silica/siliceous
SP	Sphalerite
TT	Tetrahedrite
VN	Vein
SW	Stockwork

100 0 100 200 400
METRES

SLOCAN DEVELOPMENT CORP. LTD.

SUTLAHINE RIVER

GEOLOGY & GEOCHEMISTRY

BRITISH COLUMBIA

AZIMUTH GEOLOGICAL INCORPORATED

DRAWN: J.J.E.	MINING DIV.: ATLIN		FIGURE 4
N.T.S.: 104 K/10	SCALE: 1:5000		
DATE: OCT., 1991	REVISED:		