85-849-14044

I.M. WATSON & ASSOCIATES LTD.

10/86

RECONNAISSANCE GEOLOGICAL AND GEOCHEMICAL SURVEYS

OF THE

SADIM GROUP

(SADIM 1 - 4 Claims)

Missezula Mountain Area
Similkameen Mining Division, B.C.
NTS Ref. 92H/10E
Latitude: 49°44'40"
Longitude: 120°30'40"

For

LARAMIDE RESOURCES LTD.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,044

By

I. M. WATSON & ASSOCIATES LTD.

I. M. Watson, P.Eng.
Vancouver, B.C.

November 1985

#816 - 675 West Hastings Street, Vancouver, B.C. V6B 1N2 Tel. (604) 669-6737

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INTRODUCTION

This report summarises the results of geological and geochemical reconnaissance surveys over the SADIM 1 - 4 claims, in the Missezula Mountain area of southeastern B.C.

The work was done by I.M. Watson & Associates Ltd. on behalf of Laramide Resources Ltd. during the period 24th July to 6th September 1985.

The objective of the programme was to make a first assessment of the precious metal potential of the property. The claims are underlain by rocks of the Nicola Belt which form the southern extension of the Quesnel Trough. Interest in the area derives initially from the similarity of the geological setting to that hosting the porphyry copper-gold deposits of the Quesnel-Cariboo area.

LOCATION, ACCESS & PHYSIOGRAPHY (Figures 1 and 2)

The SADIM claims are situated four kilometres east of Highway 5, 30 kms. north of Princeton and 45 kms. south of Merritt, within the Similkameen Mining Division. The centre of the property is at 49°44'40"N, 120°30'40"W. The NTS reference is 92H/10E.

Access to the property from Highway 5 is by the Dillard-Ketchan Creek main logging roads which branch east from the highway about 12 kms. south to the village of Aspen Grove. The Ketchan Creek road traverses the SADIM 1 and 3 claims in a southeasterly direction. Distance from Highway 5 to the property is approximately 16 kms.

An alternate access route is by gravel logging road from Highway 5 at a point 2.5 kms. north of Allison Lake. This road climbs east for 5 kms. to join the Ketchan Creek road at the northwestern corner of the SADIM 1 claim.

Within the property boundaries, logging and 'mining' roads, and the B.C. Telephone microwave tower road, provide good access to all areas of the property. Also, the B.C. Hydro power line crosses the centre of the SADIM 1 and 3 claims.

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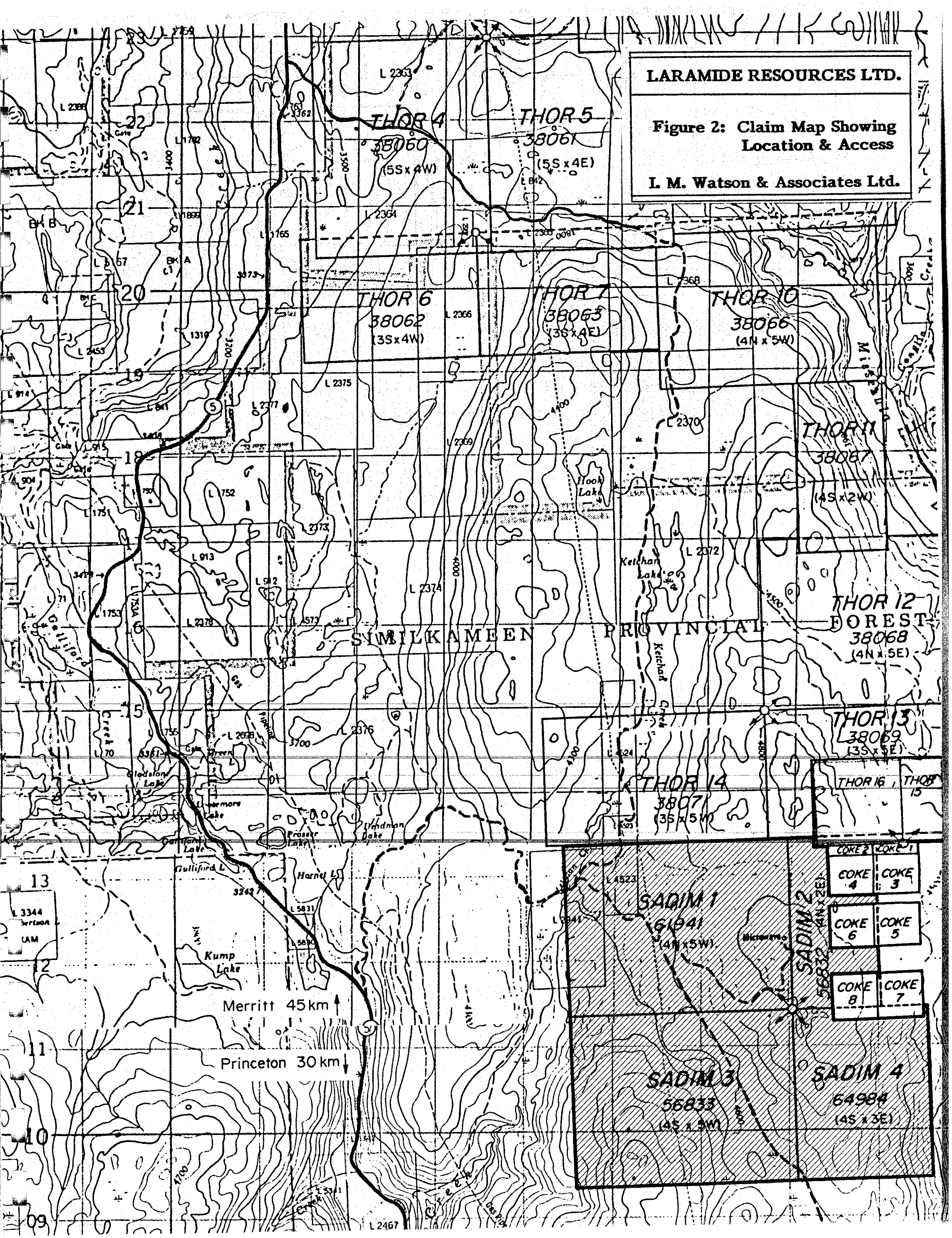
Figure 1: Index Map

I. M. Watson & Associates Ltd.



LARAMIDE RESOURCES LTD.
Figure 2: Claim Map Showing Location & Access
I. M. Watson & Associates Ltd.
THOR 4
38060
(5S x 4W)
THOR 5
38061
(5S x 4E)
THOR 6
38062
(3S x 4W)
THOR 7
38063
(3S x 4E)
THOR 10
38066
(4N x 5W)
THOR 11
38067
(4S x 2W)
THOR 12
38068
(4N x 5E)
THOR 13
38069
(3S x 5E)
THOR 14
38071
(3S x 5W)
THOR 16
THOR 15
COKE 1
COKE 2
COKE 3
COKE 4
COKE 5
COKE 6
COKE 7
COKE 8
SADIM 1
61941
(4N x 5W)
SADIM 2
56832
(4N x 2E)
SADIM 3
56833
(4S x 5W)
SADIM 4
64984
(4S x 3E)
SIMILKAMEEN PROVINCIAL FOREST
Hook Lake
Ketchan Lake
Ketchan Creek
Gladstone Lake
Gulliford Lake
Harnel L
Kump Lake
Prosser Lake
Merritt 45 km
Princeton 30 km

The property occupies the summit area of the broad, north trending ridge separating the deep fault controlled valleys of Summers Creek to the east and Allison Creek to the west. Elevations on the property range from 1615 metres at the summit of Microwave Hill, on the common boundary between SADIM 1 and 2, to 1200 metres on the headwaters of Allison Creek, in the northwestern corner of the SADIM 1 claim. The topography is typical of this part of the Thompson Plateau, reflecting the effects of a predominantly northerly structural trend, accentuated by glaciation; heavily forested, relatively gentle upland slopes are cut by deep, steep-sided, north trending valleys. Bedrock exposure is variable and is largely a function of glacial action; generally outcrop is abundant on ridges and along the upper slopes of steep valleys but lower slopes and valley bottoms bear a thick mantle of glacial overburden.

Away from the main north-south river valleys, drainage is weakly developed and consists of ill-defined water courses and seepages.

Vegetation is dense on shaded and northerly slopes, but is more open on south facing hillsides; mixed conifers, alder and poplar predominate. Logging operations are active immediately south and north of the SADIM claims; logging on the property is so far confined to a small area east of the Ketchan Creek road near the south boundary of the claim group.

CLAIMS (Figure 2)

The SADIM Group consists of four mineral claims containing a total of 60 units, as follows:

Claim Name	No. of Units	Record No.	Recording Date
SADIM 1	20	2284	10 October 1985
SADIM 2	8	2285	10 October 1985
SADIM 3	20	2286	10 October 1985
SADIM 4	12	2287	10 October 1985

The claims were staked by and on behalf of I.M. Watson on the 17th and 18th September 1985. Ownership was transferred to Laramide Resources Ltd. by bill of sale dated 12 November, 1985.

HISTORY

The earliest records of work over the SADIM claim area refer to the early 1960's - the beginning of the porphyry copper exploration which prevailed throughout much of the Nicola Belt and persisted until the early 1980's. Most of the work recorded within the present SADIM claim area was concentrated in the northeastern and eastern part of the claim group, over the SADIM 2 and 4 claims.

The following is a summary of the past activity in the immediate property area, as obtained from the B.C. Government assessment work file records.

1962 The 40 claim KR group was staked by Plateau Metals Ltd. Work recorded consisted of a magnetometer survey, bulldozer trenching, and an undisclosed amount of diamond drilling. The claims occupied the area presently covered by the SADIM 2 claim, and by the northern part of the SADIM 4 claim.

1966 Adera Mining Ltd. optioned the KR claims and carried out soil sampling and magnetometer surveys followed by diamond drilling. The claims were subsequently allowed to lapse.

1970 Amax Explorations Inc. staked the RUM claims; the southern half of the property lay within the area now covered by the SADIM 2 and 4 claims. Work done by Amax consisted of geological mapping, soil sampling, and magnetometer and I.P. surveys, followed by a nine-hole, 1879-foot percussion drilling programme.

1972 Kalco Valley Mines Ltd. optioned the RUM claims, then relinquished the property after a programme of mapping and trench sampling.

1973-74 Bronson Mines Ltd. staked the CINDY claims, covering ground now lying within the SADIM 1 claim. Mapping and prospecting programmes were carried out.

1974 Ruskin Developments Ltd. acquired the RUM claims, and completed geological mapping and soil sampling surveys before allowing the ground to lapse.

1979-81 Cominco Ltd. staked 55 claims, (RUM 1-55), coincident with the main area of interest covered by the original RUM claims staked by Amax. Cominco refurbished and renumbered the old Amax grid and used it for control of geological, soil and rock geochemical, and magnetometer surveys. Since then Cominco allowed the claims to lapse as they came due.

SUMMARY OF WORK DONE 1985

The 1985 work programme was intended as a reconnaissance of the SADIM claims to determine their potential for hosting precious metals. V.A. Preto's 1"=¼ mile preliminary geological map of the Allison Lake-Missezula area (Preto, 1975) showing outcrop distribution, provided excellent control and served as an initial guide in selecting targets for investigation.

Criteria for target selection included the presence of sulphide mineralisation, dioritic intrusions, calcareous sediments, and major fault zones. Access roads and the well-defined Amax/Cominco grid provided control for geological and geochemical traverses. More detailed mapping and sampling was carried out over the south central part of the property where encouraging soil and rock geochemical results were obtained; a 900 m. x 300 m. area chain and compass grid was established to provide control, using 100 m. x 25 m. sample spacing.

Totals of 347 soil and 173 rock samples were collected.

GEOLOGY

Regional

The Upper Triassic Nicola Group rocks extend from the 49th parallel north to Kamloops Lake, and continue north beneath Tertiary cover to emerge in the Quesnel area as the Quesnel Belt (Preto, 1979).

The volcanics of the Quesnel and Nicola Belts form a mixed alkaline and calc-alkaline sequence of basalts and derived volcaniclastic monolithic and polylithic breccias and tuffs, and minor sediments.

The volcanic rocks are intruded by comagmatic alkaline plutons, ranging in composition from syenogabbro to alkali syenite. The intrusions appear to be structure related and occur in belts along major lineaments and faults. They vary in size from plugs to small batholiths, and have been emplaced into the volcanic centres which produced the abundance of volcanic material (Barr et al, 1976).

In the Allison Lake-Missezula area, Preto has delineated three assemblages - a Western Belt of easterly dipping calc-alkaline flows, pyroclastics and sediments; a Central Belt of alkaline and calc-alkaline volcanics and intrusions, and minor sediments; and an Eastern Belt of westerly dipping volcanic sediments, tuffs and alkaline flows associated with small monzonite porphyry stocks. The belts are separated by major north-striking faults.

Preto believes that the Central Belt of dominantly volcanic rocks originates from eruptive centres along the major fault system, and points out the greater concentrations of mineral deposits along this belt.

The SADIM property straddles the main fault system and is underlain by Preto's Central Belt flows, tuffs and agglomerates, intruded by bodies of diorite. The intrusions are magnetic and are readily recognizable on airborne and ground magnetic maps.

SADIM Property (Figures 3 and 6)

The SADIM claims lie immediately west of the Summers Creek Fault, which marks the eastern boundary of Preto's Central Belt.

The property is underlain by northerly striking intermediate to basic flows, green monolithic and polylithic volcanic breccias, tuffs, and less abundant argillites and limestones. These rocks have been intruded by irregular bodies of gabbroic to dioritic composition. Volcanics and sediments marginal to the intrusions have been variably propylitised (epidote-pyrite-chlorite-carbonate) and locally host erratically distributed copper-pyrite zones.

The results of the reconnaissance mapping programme are shown in Figure 3. This preliminary work was confined to areas known to be underlain by favourable geology, i.e. intrusive rocks and their contact zones, sediments, particularly calcareous rocks, and major fault zones. More detailed mapping was carried out over the south central part of the property where geochemical sampling and mapping indicated the presence of gold in pyritic, rusty, quartz veined tuffs.

Lithology

For the sake of uniformity, Preto's classification of rock types for the Central Belt has been adapted and amended as necessary.

Andesites (Unit 1a)

- Green to grey-green, fine to medium grained pyroxene andesites, intercalated with tuffs, breccias and sediments, underlie the south and central parts of the SADIM 4 claim. Locally, adjacent to the dioritic intrusions, the andesites are variably altered, with development of chlorite, carbonate, and epidote. The marginal, fine grained altered phases of the diorites are difficult to distinguish from andesites in the field.

Breccia (Unit 1d)

- The breccias in the SADIM area are predominantly green in colour. Andesite fragments of variable size occur in a tuffaceous matrix. Monolithic and polylithic breccias were noted but could not be spatially differentiated at this reconnaissance stage of mapping. The monolithic breccias may be the andesitic autobreccias mapped by Preto (Unit 1b). Breccias containing limestone fragments **(Unit 1df)** are developed locally adjacent to limestone units; presumably these breccias overlie the limestones and are in part derived from them.

Tuffs (Unit 1e)

- Intimately associated with the breccias and flow rocks are tuffs of green-grey hue and andesitic appearance. The tuffs are less abundant than the breccias and andesites and their occurrence appears to be lenticular, but this may be a function of structural disruption by cross faulting, more than depositional discontinuity. Possibly significant varieties of the tuffaceous unit were noted in the south central part of the SADIM 2 and 4 claims; here a fairly distinctive purplish grey tuff **(Unit 1et)** containing small andesitic fragments, is intercalated with rusty-buff weathering, fine to medium grained rock containing orange hematite along numerous fracture planes **(Unit 1eth).** This latter unit is highly fractured and contains narrow (2-30cms.) sulphide bearing quartz veins, which trend generally east-west and dip at varying degrees to the south. The fractures/quartz veins appear to have developed as a result of late-stage east-west cross faulting. The quartz veins tend to be vuggy along their margins and centres, and contain patchily and weakly disseminated pyrite, chalcopyrite, and rare galena. The wall rocks are finely pyritised. The host tuffs are not well exposed, occurring as small outcrops and distinctive float over a total distance of nearly 1000m., but more continuously over 300m. apparent strike length. Sampling of the tuff and quartz veins revealed anomalous gold content. (See below.)

Limestone (Unit 1f)

- Dominantly pale grey, fine grained limestones occur as apparently lenticular bodies within the tuffaceous/breccia sequence. Several narrow beds have been identified in the south and central part of the claim group.

Argillite (Unit 1g)

- Dark grey, fine grained and finely bedded argillites also occur within the pyroclastic rocks, but have been noted so far only in isolated outcrops.

Diorite (Unit 5)

- Grey-pale grey, fine to medium grained crystalline pyroxene diorite underlies the eastern part of the property, bound on the east by the north trending Summers Creek Fault. Contacts with host volcanics are ill-defined and gradational. Magnetite is an accessory mineral. Pyrite, chalcopyrite and malachite are erratically disseminated in local zones of fracturing, particularly along the Summers Creek Fault zone.

GEOCHEMISTRY

The reconnaissance sampling programme was intended as a preliminary geochemical assessment of the property, to provide a guide for further more detailed work, if warranted.

The areas sampled were selected primarily on the basis of favourable geology, as indicated by earlier mapping by Preto (1973) and by Amax Explorations Inc. (1970), and included all of the SADIM 4 claim, the eastern and northern portions of the SADIM 3 claim, and the southern end of the SADIM 2 claim. As far as possible, sample traverses were spaced to provide coverage of attractive geology and regularity of sampling interval. The clearly marked and still visible Amax-Cominco grid provided good sampling control, as did SADIM claim lines, and the B.C. Tel microwave tower access road. Samples were collected at 50 m. intervals along the traverse lines/roads.

Samples were taken from the 'B' horizon, wherever possible, by digging holes at least 30 cms. deep using a tree planter's spade. In some low lying areas, where the overburden consists of fine grey glacial clay or silt, no 'B' horizon sample could be obtained, and this was noted by the sampler. In areas of outcrop, composite rock chip samples were taken, usually from a 10 square metre 'panel'.

Rock samples were also collected from sulphide showings, zones of notable alteration, and from any calcareous rocks encountered.

A 100 m. x 25 m. sampling grid with an east-west orientation was established along the common boundary of the SADIM 3 and 4 claims where reconnaissance sampling had revealed anomalous gold values in the rusty quartz veined tuffs (Unit 1eth).

Sample Analysis

Analyses were done by Acme Analytical Laboratories in Vancouver. A -80 mesh fraction of soil was analysed by the inductively coupled argon plasma method (ICP) and a separate analysis for gold was carried out by atomic absorption (A.A.)

Ten elements were reported by the ICP analysis method as follows: Mo, Cu, Pb, Zn, Ag, Co, As, Sb, Ca, W.

The sample is prepared by dissolving 0.5 grams in hot aqua-regia (3:1:3 nitric acid to hydrochloric acid to water) at 90°C for 1 hour. This is diluted to 10 ml water and converted to an aerosol.

A brief description of the ICP analysis is as follows: high frequency currents in a few turns of induction coil (powered by a high frequency generator) surround a plasma cell and generate a magnetic field. The cell consists of argon plasma enclosed between two concentric quartz tubes surrounding a glass sample injector. The plasma gas is seeded with electrons - resulting temperatures range from 7000 to 10,000°K.

The sample, in aerosol form, is injected into the centre of the cell and rises into the doughnut-shaped plasma ring. The high temperatures vaporize the sample and dissociate molecular species. Spectral intensities of the excited samples are recorded and compared with standards by a computer-controlled spectrometer.

The anomalous/threshold value for each element was established as the mean plus two standard deviations. The data base used included analyses not only from the SADIM property, but from adjoining, geologically continuous areas sampled by I.M. Watson & Associates Ltd. between July and September 1985 (Lisle, 1985).

Certificates of Analyses are reproduced in Appendix 1. Analyses for five elements (Cu, Pb, Zn, Ag, Au) are plotted on the accompanying plans (Figures 4, 5, 7, & 8).

Discussion of Results

a) **Soil Sampling** (Figure 4 & 7)

Copper is weakly to moderately anomalous in soils along the Summers Creek Fault, in the northeastern part of the SADIM 4 claim. The anomalies (up to 242 ppm Cu) probably originate from copper mineralisation in fractured diorites/volcanics along the faulted eastern contact of the intrusion. There are a few weak, one- and two-spot anomalies scattered through the south central part of the property and on the B.C. Telephone microwave tower access road.

A broad, weak **zinc** anomaly (max. 203 ppm Zn) lies east of the copper anomaly on the eastern boundary of the SADIM 4 claim. There are no other zinc anomalies or trends of significance.

Gold soil anomalies (max. 65 ppb Au) have been detected in the northeastern corner of the SADIM 4 claim, close to the eastern diorite contact (Line 100 South). However, the most significant anomaly was that obtained from a close sampling of soils overlying the rusty quartz-veined tuff (Unit 1eth) exposed along the common boundary betwen the SADIM 3 and 4 claims, in the southern part of the property.

Here, a continuous string of anomalous samples contain from 11 to 85 ppb Au; these soils are also weakly enriched in lead (up to 64 ppm) and silver (max. 1.7 ppm).

Further sampling of this area (Figiure 7) confirmed and extended the gold anomaly which correlates well with the outcrop and float distribution of the tuff.

b) **Rock Sampling** (Figures 5 & 8)

Two main areas of metal concentration are indicated by the work done to date.

1. Copper (up to 4856 ppm) and low gold (20-55 ppb) concentrations occur in fractured weakly to moderately mineralised (pyrite, chalcopyrite) diorites, and in fractured and altered volcanics/sediments immediately east of the diorites (SADIM 4 claim).

2. The rusty weathering fractured tuffs (Unit 1eth) which outcrop along the boundary of the SADIM 3 and 4 claims (Figure 8) contain up to 560 ppb Au, along with silver and lead. Quartz veins within the tuff range from a few cms. to 30 cms. in width and yield assays ranging from 915 ppb to over 6000 ppb Au. The tuffs are poorly exposed in outcrop and float over a distance of approximately 300 metres. 150 metres of this strike length has been sampled at close intervals. All of the grab samples contain anomalous gold, silver and lead. The silver : gold ratio is very consistently 10 : 1.

   Similar quartz bearing tuffs were found in scattered small outcrops up to 400 metres northwest of the main zone. Samples from these outcrops are also anomalous in gold and silver.

   Trenching and further sampling will be required to establish the extent of the tuff unit, and the abundance, dimensions and tenor of the gold bearing quartz veins.

SUMMARY

Geological and geochemical reconnaissance surveys of the SADIM claims have indicated the presence of gold and silver bearing quartz veins within hematitic northerly striking tuffs in the south central part of the claim group. The mineralised zone lies adjacent to a northerly trending fault, but the veins appear to be related to cross faulting and fracturing. The quartz veins and host tuffs are poorly exposed but can be traced in outcrop and float over a strike distance of 300 m., with apparently isolated or dislocated occurrences extending a further 700 metres. The full width of the zone is not exposed.

Preliminary chip sampling of the quartz veins and host tuff revealed gold contents up to 4120 ppb in the vein material and from 225 ppb to 560 ppb in the pyritised wallrock. A grab sample of vein material yielded 6130 ppb Au (0.20 ozs/ton). Ag : Au ratios are consistently 10 : 1.

The host tuffs are part of a sequence of Nicola Central Belt limestones, limestone and volcanic breccias, and tuffs, flanked by diorites.

Erratic, patchy pyrite and copper mineralisation occurs in fractured altered diorites in the eastern part of the property.

Trenching and rock sampling will be required to delineate the host tuffs and to fully evaluate the extent, frequency and tenor of the gold bearing quartz veins. Further mapping and geochemical sampling is warranted to test the unexplored parts of the property, and to follow up anomalies and showings detected by this preliminary reconnaissance.

L. M. WATSON & ASSOCIATES LTD.

PROFESSIONAL
PROVINCE OF
I. M. WATSON
BRITISH COLUMBIA
ENGINEER

L. M. Watson

COST STATEMENT - SADIM GROUP

(July 24 - September 5, 1985)

Salaries		
a) Field Work:		
R. Gibbs (Prospector/Sampler)		
(July 24-25; August 7, 9-17, 1985)		
11.5 days @ $110.00/day	1,265.00	
J. Randa (Prospector)		
(July 24-25; August 7, 9-15, 17, 1985)		
10.5 days @ $185.00/day	1,942.50	
I. M. Watson (Geologist/Supervisor)		
(July 24-25; August 7, 9-15, 17, 1985)		
10.5 days @ $400.00/day	4,200.00	
a) Report Preparation:		
I. M. Watson (Sept. 4-5, 1985)		
2.5 days @ $400.00/day	1,000.00	$ 8,407.50
Accommodation/Board*		546.93
Telephone/Freight*		43.55
Vehicle Expense* (Rental & fuel)		
4 X 4 truck	522.71	
Trail bike	90.00	582.71
Equipment Rental*		
Hand helds and mobile telephone		
10 days @ $12.50/day		125.00
Equipment Purchase*		49.75
Geochemical Analyses (10 element ICP + Au/AA)		
347 soils		
173 rocks		4,863.59
Reproduction, Maps		89.09
Drafting		
D. L. Phillips Drafting Services		
31.75 hrs. @ $20.00/hr/.		635.00
	TOTAL	**$ 15,343.12**

*Pro-rated costs

I. M. WATSON & ASSOCIATES LTD.

PROFESSIONAL PROVINCE OF I. M. WATSON BRITISH COLUMBIA ENGINEER

I. M. Watson

CERTIFICATE OF QUALIFICATIONS

I, Ivor Moir Watson, of 584 East Braemar Road, North Vancouver, British Columbia, hereby certify that:

1. I am a consulting geologist with offices at 816 - 675 West Hastings Street, Vancouver, B.C.

2. I am a graduate of the University of St. Andrews, Scotland (B.Sc. Geology 1955).

3. I have practised my profession continuously since graduation.

4. I am a member in good standing of the Association of Professional Engineers of B.C., and a Fellow of the Geological Association of Canada.

5. Work on the SADIM Group was carried out during the periods July 24-25, August 7-17, 1985 by the following personnel:

I. M. Watson	-	Geologist
J. H. Randa	-	Prospector/Sampler
R. Gibbs	-	Propsector/Sampler

PROFESSIONAL PROVINCE OF I. M. WATSON BRITISH COLUMBIA ENGINEER

November 20, 1985
Vancouver, B.C.

I.M. Watson, B.Sc., P.Eng.

REFERENCES

Barr, D.A., Fox, P.E., Northcote, K.E., and Preto, V.A., 1976. The Alkaline Porphyry Deposits - A Summary; in CIM Special Vol. No. 15.

Preto, V.A., 1975. Notes to Accompany Preliminary Map No. 17. Geology of the Allison Lake - Missezula Lake Area. B.C. MEMPR.

1979. Geology of the Nicola Group between Merritt and Princeton, Bull. 69, B.C. MEMPR.

Lisle, T.E., 1985. Reports on Reconnaissance Geological and Geochemical Surveys on the BLAK, MICKEY-FINN and THOR properties, by I.M. Watson & Associates Ltd. for Vanco Explorations Ltd.

Assessment Reports

#517 - 1963 Report on the K.R. Group of Plateau Metals Ltd. by Asarco Smelting & Refining Co. (Geology, magnetometer survey.)

#985 - 1967 Geochemical report on the K.R. Group by C. Lammle for Adera Mining Ltd.

#3363 - 1971 Geological, Geochemical and Geophysical Report on the Ketchan Creek property by J. Christofferson, G. DePaoli, and C. Hodgson for Amax Exploration Inc.

#5044 - 1973 Geological and Prospecting Reports on the Cindy Group by D.C. Malcolm and E. Sleeman.

#6036 - 1976 Geochemical Report on Rum Claim Group by D.G. Mark for Ruskin Developments Ltd.

#8352 - 1980 Ground Magnetic and Soil Geochemical Survey over part of the Rum Property, by D.T. Mehner for Cominco Ltd.

#9407 - 1981 Soil Geochemical Survey over part of the Rum Property, by D.T. Mehner for Cominco Ltd.

Appendix

Geochemical Analytical Reports

RECEIVED

JUL

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: JULY 17 1985
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: July 19/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMLESS AA.

ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

LARAMIDE RESOURCES FILE # 85-1427

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	As PPM	Ba PPM	Au* PPB	Hg PPB
TH-216	93	18	.2	12	182	13	20
TH-217	69	7	.1	6	108	12	10
TH-218	71	13	.2	9	104	2	30
TH-219	90	17	.3	10	108	26	10
TH-220	149	33	1.1	3	195	115	10
TH-221	61	9	.2	9	114	6	5
TH-222	59	8	.3	12	149	18	20
TH-223	73	10	.6	12	201	80	10
TH-224	74	6	.2	17	120	12	5
TH-225	64	6	.1	16	44	2	10
TH-226	68	12	.1	13	162	2	5
TH-227	47	21	1.9	5	196	210	20
TH-228	67	8	.3	9	152	35	5
TH-229	87	15	8.1	4	188	990	5
TH-230	56	10	8.3	6	293	950	5
TH-231	70	36	3.5	2	126	425	10
TH-232	70	106	20.0	6	163	2200	10
TH-233	124	147	5.5	8	218	640	5
TH-234	111	16	1.2	9	156	190	5
TH-235	90	16	2.3	9	168	310	10
TH-236	72	8	2.7	3	261	325	5
TH-237	133	12	2.4	8	216	310	20
TH-238	96	8	2.7	3	244	310	10
TH-239	196	39	6.0	8	157	610	5
TH-240	109	14	2.2	3	242	295	5
TH-241	115	22	4.0	12	399	395	60
TH-242	21	13	.5	8	345	95	5
TH-243	57	86	2.1	11	347	210	40
TH-244	73	11	.1	4	349	8	5
TH-245	128	11	.1	3	267	3	20
STD C/AU-0.5	60	40	6.3	39	185	490	1300

0149

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JULY 29 1985

DATE REPORT MAILED: ..Aug 5/85..

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS - PULVERIZING AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
P.3 - Rocks

ASSAYER: ..T. Saundry.. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

I.M. WATSON & ASSOCIATES FILE # 85-1639 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
S SMW 0+00	1	36	5	68	.1	8	7	.66	2	1	1
S SMW 1+00	1	65	6	53	.1	9	4	.79	2	1	2
S SMW 2+00	1	43	6	80	.1	9	4	.62	2	1	1
S SMW 3+00	1	55	6	55	.1	10	8	.70	2	1	4
S SMW 4+00	1	70	5	68	.1	10	8	.94	2	1	2
S SMW 5+00	1	42	10	141	.1	7	9	.74	2	1	1
S SMW 6+00	1	58	8	98	.1	8	8	.80	2	1	3
S SMW 7+00	1	50	5	77	.1	8	7	.67	2	1	1
S SMW 8+00	1	49	4	69	.1	11	5	1.24	2	1	1
S SMW 9+00	1	31	9	77	.1	8	5	.82	2	1	1
S SMW 10+00	1	47	9	108	.1	10	7	.66	2	1	1
S SMW 11+00	1	42	6	93	.1	10	5	.63	2	1	1
S SMW 12+00	1	28	7	109	.1	10	5	.62	2	1	1
S SMW 13+00	1	26	6	44	.1	7	2	.95	2	1	1
S SMW 14+00	1	37	9	96	.1	10	3	.70	2	1	1
S SMW 15+00	1	93	8	66	.2	11	7	.86	3	1	4
S SMW 16+00	1	158	12	92	.1	30	13	1.05	2	1	21
S SMW 17+00	1	87	8	71	.1	12	8	.82	2	1	20
S SMW 18+00	1	65	11	123	.2	14	8	.66	3	1	1
S SMW 19+00	1	76	6	104	.1	16	7	.70	2	1	1
S SMW 20+00	1	71	7	83	.1	13	9	.90	3	1	8
S SMW 21+00	1	57	8	71	.1	12	8	.79	2	1	5
S SMW 22+00	1	83	9	72	.1	14	6	.94	2	1	5
S SMW 23+00	1	68	7	79	.3	15	4	.69	2	1	4
S SMW 25+00	1	75	6	79	.1	11	5	.83	4	1	4
S SMW 26+00	1	39	7	79	.2	9	2	.54	4	1	1
S SMW 29+00	1	43	5	69	.1	10	5	.67	2	1	1
S SMW 30+00	1	38	4	85	.1	10	3	.76	2	1	1
S SMW 31+00	1	63	4	88	.1	12	8	.77	2	1	2
S SMW 32+00	1	43	6	87	.2	12	2	.46	2	1	1
S SMW 33+00	1	62	11	125	.3	12	8	.67	2	1	4
S SMW 34+00	1	40	3	83	.2	10	4	.61	2	1	1
S SMW 35+00	1	47	10	108	.1	13	7	.51	4	1	1
S SMW 36+00	1	51	10	78	.2	12	11	.36	2	1	11
SL 130S 11+75W	1	51	6	94	.1	10	7	.46	2	1	2
SL 130S 11+00W	1	54	5	88	.2	14	3	.55	2	1	1
STD C/AU-0.5	21	58	38	135	7.1	27	39	.48	15	12	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
SL 130S 10+00W	2	28	6	73	.1	9	4	.36	2	1	1
SL 130S 9+00W	1	43	9	71	.3	9	5	.45	2	1	2
SL 130S 7+00W	1	97	8	69	.2	10	2	.96	2	1	4
SL 130S 6+00W	2	43	11	117	.2	12	2	.49	2	1	1
SL 130S 4+00W	2	44	9	97	.2	12	3	.55	2	1	1
SL 130S 3+00W	1	40	8	88	.1	10	2	.50	2	1	2
SL 130S 2+00W	2	45	9	90	.1	11	3	.57	2	1	3
SL 130S 1+00W	1	42	10	71	.1	11	2	.63	2	1	1
SL 130S 0+00W	2	31	8	76	.1	10	4	.51	2	1	1
SL 8+15W 11+00S	1	48	64	69	1.7	11	6	.24	2	1	85
SL 8+15W 11+33S	1	49	7	74	1.2	10	4	.27	4	1	31
SL 8+15W 11+66S	2	53	10	88	.9	11	7	.24	2	1	60
SL 8+15W 11+96S	2	54	7	83	.9	11	5	.26	6	1	18
SL 8+15W 12+31S	1	52	18	90	.6	11	6	.34	2	1	13
SL 8+15W 12+64S	2	37	20	91	.7	9	4	.37	4	1	15
SL 8+15W 12+97S	1	38	18	113	.7	10	5	.44	2	1	11
SL 8+15W 13+33S	2	59	24	76	.5	14	6	.32	3	1	23
SL 8+15W 13+68S	2	33	17	103	.4	12	4	.36	2	1	18
SL 8+15W 14+01S	2	44	28	93	.8	13	3	.34	2	1	20
STD C/AU-0.5	20	59	41	135	7.2	28	39	.46	15	12	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
S-2194	6	4856	18	131	2.0	29	2	7.95	2	2	110
S-2195	1	11	3	39	.1	13	3	5.43	3	1	3
S-2196	1	205	2	40	.1	12	7	1.08	2	1	16
S-2197	1	38	3	21	.1	9	5	.98	5	1	20
S-2198	1	24	8	41	.4	5	4	27.82	2	3	6
S-2199	1	21	6	19	.5	2	2	27.80	3	3	1
S-2200	1	20	6	39	.3	4	24	27.83	2	4	1
S-2216	1	13	4	13	9.3	2	3	.72	5	1	1450
S-2217	1	191	7	78	.1	21	2	8.49	2	1	7
S-2218	1	268	4	55	.3	21	5	9.83	2	1	30
S-2219	1	512	5	33	.6	19	4	11.45	2	2	25
S-2220	13	30	14	76	.1	6	3	6.23	2	1	3
S-2221	2	13	2	137	.1	5	2	6.69	2	1	1
S-2222	2	2260	8	23	2.9	5	2	27.77	4	5	10
S-2223	1	81	5	83	.2	13	2	6.63	2	1	6
S-2301	1	2236	4	49	2.8	10	9	5.91	2	2	15
SMW 2400R	1	154	7	73	.1	14	5	.93	4	1	4
SMW 2700	1	453	7	123	.1	16	13	1.59	2	1	6
SMW 2800	1	137	3	122	.1	17	5	1.18	2	1	2
STD C/AU-0.5	21	60	40	131	6.8	27	39	.48	17	11	480

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 20 1985

DATE REPORT MAILED: Aug 26/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

I.M.WATSON & ASSOCIATES FILE # 85-1974 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au# PPB
S-2225	1	108	7	84	.1	19	9	5.01	2	1	2
S-2226	3	56	4	88	.1	19	6	1.33	2	1	2
S-2227	3	20	16	122	.1	11	13	.60	2	1	1
S-2228	5	38	11	74	.1	11	8	6.48	2	1	1
S-2229	1	80	17	240	.1	25	31	4.00	2	1	2
S-2230	3	80	11	92	.2	24	41	3.01	2	1	8
S-2231	2	69	20	102	.1	22	41	9.53	2	1	1
S-2232	1	139	13	43	.8	18	4	5.32	2	1	145
S-2233	7	4048	11	97	4.9	7	46	31.32	477	1	12
S-2234	1	23	7	11	7.0	4	2	.31	2	1	790
S-2235	1	61	4	75	.1	12	2	.92	3	1	3
S-2236	1	92	2	82	.1	20	3	2.18	2	1	2
S-2237	1	36	256	33	27.2	5	4	.14	11	1	2420
S-2238	1	69	24	153	3.1	19	2	.24	2	1	300
S-2239	2	67	8	15	8.6	4	2	.05	6	1	915
S-2240	2	37	29	36	6.0	10	2	.07	2	1	560
S-2241	1	56	14	92	2.2	18	5	1.26	2	1	225
S-2242	2	15	4	18	6.9	4	2	.05	3	1	690
S-2243	1	36	8	63	4.2	18	3	2.00	2	1	390
S-2244	1	57	11	67	4.9	18	4	2.20	2	1	430
S-2245	1	18	8	13	35.0	3	2	.07	2	1	4120
S-2246	1	78	9	63	3.7	15	6	4.73	2	1	425
S-2247	2	21	10	21	62.0	4	2	.17	5	1	6310
S-2302	1	162	5	65	.2	22	19	3.54	2	1	10
S-2303	1	60	7	67	.3	16	8	2.33	2	1	16
S-2304	1	6	2	82	.1	13	26	2.92	2	1	3
S-2305	1	85	7	86	.1	19	3	1.43	2	1	4
S-2306	2	67	12	79	.2	11	34	10.57	2	1	9
S-2307	1	94	2	52	.1	13	8	9.43	2	1	1
S-2308	1	533	10	85	.6	18	5	4.54	2	1	1
S-2309	2	26	2	28	.1	7	10	24.88	2	1	1
S-2310	1	94	6	61	.1	20	5	4.04	2	1	4
S-2311	1	129	4	48	.1	12	4	17.24	2	1	2
S-2312	2	22	6	42	.1	13	7	12.52	2	1	1
S-2313	1	42	2	58	.1	16	4	1.48	2	1	2
S-2314	1	71	4	55	.1	17	4	7.03	2	1	2
STD C/AU-0.5	20	57	38	137	6.9	30	38	.48	15	11	500

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
S-2315	1	112	4	85	.1	19	39	1.14	3	1	1
S-2316	1	121	2	76	.1	16	7	3.74	2	1	1
S-2317	3	136	8	77	.1	19	5	1.65	2	1	1
S-2318	2	32	4	101	.1	14	2	1.46	2	1	1
S-2319	1	56	4	89	.1	19	2	1.37	2	1	1
S-2320	1	68	5	94	.1	21	11	2.14	2	1	2
S-2321	1	52	6	67	.1	17	19	3.28	2	1	1
S-2322	1	64	10	78	.1	23	6	3.53	5	1	1
S-2323	1	94	2	83	.1	19	6	2.06	2	1	4
S-2324	1	88	5	87	.1	23	4	2.81	2	1	1
S-2325	1	78	6	82	.1	15	2	1.38	2	1	1
S-2326	3	5	3	64	.1	1	4	38.82	2	1	1
S-2327	2	25	2	39	.1	3	6	32.07	2	1	1
S-2328	1	71	5	117	.1	16	5	3.97	2	1	2
S-2329	1	92	2	81	.1	25	5	4.79	2	1	1
S-2330	1	107	2	82	.1	26	6	2.45	2	1	1
S-2331	1	68	11	98	.1	24	4	3.74	5	1	1
S-2332	2	147	3	27	.1	17	5	1.12	2	1	2
S-2333	1	52	2	48	.1	18	4	2.92	2	1	1
S-2334	2	302	5	44	.1	36	4	.95	2	1	4
S-2335	2	98	6	75	.1	23	2	2.56	2	1	2
S-2336	2	8	4	20	.1	2	2	38.46	2	1	1
S-2337	1	32	3	202	.1	20	6	2.85	2	1	2
S-2338	1	130	6	79	.1	21	9	3.00	3	1	2
S-2339	1	13	9	54	.1	17	7	2.55	2	1	1
S-2340	1	31	2	97	.1	12	2	.52	2	1	1
S-2341	2	79	3	108	.1	21	2	1.66	2	1	1
S-2342	1	83	5	69	.1	18	2	1.94	2	1	1
S-2343	1	123	9	85	.1	21	3	1.99	2	1	3
S-2352	2	112	13	97	.4	24	6	3.00	2	1	1
S-2584	2	45	4	91	.1	12	2	2.69	2	1	1
S-2585	2	8	6	143	.1	16	3	.95	2	1	13
S-2586	1	15	7	79	.1	5	2	.81	2	1	1
S-2587	2	2	8	24	.1	1	3	.09	2	1	1
S-2588	1	109	12	104	.1	22	4	5.99	2	1	3
S-2589	2	7	6	26	.1	25	5	7.22	2	1	21
STD C/AU-0.5	21	60	40	134	6.9	30	37	.48	16	12	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
S-2590	3	3220	24	51	2.0	18	6	1.96	2	1	50
S-2591	1	3933	2	145	3.1	16	2	4.06	2	1	3
S-2592	2	58	3	94	.1	17	3	6.46	2	1	2
S-2593	1	98	7	73	.2	21	6	1.36	2	1	2
SMW 15+00	2	146	2	86	.1	27	8	2.28	2	1	2

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: AUG 20 1985
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Aug 26/85

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-10 SOILS & PULVERIZED P11-12 ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

I.W. WATSON FILE # 85-1972

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
L85S S20+00W	1	23	10	42	.1	8	2	.63	2	1	2
L85S S19+50W	1	52	15	83	.1	14	3	.62	2	1	2
L85S S18+50W	1	34	14	88	.4	14	3	.58	4	1	1
L85S S18+00W	1	63	10	117	.1	17	2	.62	2	1	1
L85S S17+50W	1	36	4	97	.1	12	2	.47	3	1	1
L85S S15+50W	1	42	3	85	.1	14	2	.67	3	1	2
L85S S15+00W	1	56	6	102	.1	18	2	.71	2	1	7
L85S S14+50W	1	34	7	70	.1	12	2	.78	2	1	1
L85S S14+00W	1	40	9	65	.1	11	2	.62	2	1	1
L85S S13+50W	1	35	8	81	.1	12	2	.60	2	1	1
L85S S12+00W	1	33	9	87	.2	12	3	.71	4	1	1
L85S S10+00W	1	70	6	58	.1	7	2	.82	3	1	2
L95S S17+50W	1	45	9	91	.1	14	2	.74	2	1	2
L95S S17+00W	1	44	14	96	.2	13	2	.54	3	1	1
L95S S16+50W	1	99	13	62	.3	12	2	.78	2	1	1
L95S S16+00W	1	29	5	89	.2	13	2	.44	2	1	1
L95S S15+50W	1	34	7	100	.1	13	2	.67	2	1	2
L95S S14+50W	1	33	9	113	.3	13	2	.65	2	1	1
L95S S14+00W	1	33	9	87	.2	12	2	.51	3	1	1
L95S S13+00W	1	30	7	104	.1	11	2	.64	2	1	1
L95S S12+50W	1	29	8	131	.2	10	2	.51	2	1	1
L95S S11+50W	1	34	6	66	.2	11	2	.60	2	1	2
L95S S11+00W	1	33	8	78	.1	14	2	.68	2	1	1
L95S S8+50W	1	60	4	61	.1	15	2	1.20	2	1	1
L95S S8+00W	1	44	6	66	.1	11	3	.70	3	1	1
L95S S7+50W	1	41	12	80	.1	14	2	.64	2	1	1
L95S S6+50W	1	29	7	112	.2	13	3	.53	2	1	2
L95S S4+00W	1	47	9	75	.1	16	2	.59	2	1	1
L100S S16+00W	1	66	9	60	.1	14	4	1.29	2	1	8
L100S S15+50W	1	46	9	81	.1	14	2	.61	2	1	4
L100S S15+00W	1	31	11	78	.2	12	2	.51	2	1	1
L100S S14+50W	1	36	8	84	.1	15	2	.61	2	1	2
L100S S14+00W	1	41	13	106	.1	16	4	.85	3	1	1
L100S S13+50W	1	43	4	87	.1	12	2	.59	2	1	2
L100S S13+00W	1	39	2	97	.2	11	3	.66	2	1	1
L100S S12+50W	1	36	8	120	.3	13	3	.65	2	1	1
STD C/AU-0.5	20	59	41	139	6.9	29	37	.48	16	12	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au# PPB
L100S S12+00W	1	33	7	80	.1	13	2	.58	2	1	1
L100S S11+50W	1	46	8	88	.1	12	2	.59	2	1	1
L100S S11+00W	1	33	6	43	.1	8	2	.92	2	1	1
L100S S10+50W	1	54	8	88	.1	16	2	.69	2	1	1
L100S S10+00W	1	43	7	68	.1	14	2	.49	2	1	2
L100S S9+50W	1	35	8	74	.1	12	2	.58	2	1	3
L100S S9+00W	7	74	7	91	.1	24	3	1.42	2	1	2
L100S S8+50W	1	69	8	55	.2	12	3	.72	2	1	2
L100S S8+00W	1	32	8	72	.2	11	2	.41	2	1	1
L100S S7+00W	2	33	6	82	.1	12	2	.53	2	1	2
L100S S6+00W	1	33	9	73	.2	12	3	.51	2	1	1
L100S S4+00W	1	43	8	84	.1	14	4	.41	2	1	1
L100S S3+50W	1	24	10	95	.1	15	2	.55	2	1	3
L100S S2+00W	1	48	13	94	.1	15	6	.52	2	1	2
L100S S1+50W	1	48	13	92	.1	13	4	.55	2	1	1
L100S S1+00W	2	73	16	157	.1	19	3	.52	2	1	1
L100S S0+50W	2	69	13	100	.3	15	4	.50	2	1	3
L100S S0+00	1	39	2	96	.2	13	2	.51	3	1	2
L100S S0+50E	2	69	13	92	.1	14	5	.49	3	1	9
L100S S1+00E	2	55	9	102	.2	17	3	.33	2	1	7
L100S S1+50E	9	171	12	39	.1	24	2	.31	2	1	11
L100S S2+00E	2	91	4	65	.1	16	2	.42	2	1	8
L100S S2+50E	2	39	17	162	.3	12	4	.62	2	1	2
L100S S3+00E	1	51	12	180	.3	13	4	.62	2	1	2
L100S S3+50E	2	56	12	183	.5	17	9	.48	2	1	2
L100S S4+00E	2	70	12	135	.1	18	10	.47	2	1	4
L100S S4+50E	2	56	7	147	.3	16	11	.43	2	1	3
L100S S5+50E	1	27	7	111	.1	13	2	.57	2	1	1
L100S S6+00E	1	49	10	126	.1	16	4	.50	2	1	1
L100S S6+50E	3	49	9	148	.2	18	8	.68	2	1	1
L100S S7+00E	2	41	4	170	.2	14	9	1.88	2	1	1
L110S S14+00W	1	29	6	54	.1	10	3	.47	2	1	16
L110S S13+50W	1	54	5	96	.1	14	2	.77	2	1	1
L110S S13+00W	1	36	3	90	.2	14	2	.53	2	1	3
L110S S12+50W	1	47	10	102	.1	15	3	.54	2	1	1
L110S S12+00W	1	24	5	96	.1	11	2	.83	2	1	1
STD C/AU-0.5	21	59	41	139	6.8	30	36	.48	15	12	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
L110S S10+00W	1	75	5	109	.2	14	2	.90	2	1	1
L110S S9+00W	1	44	5	93	.1	11	2	.56	3	1	3
L110S S7+50W	1	54	7	60	.3	11	2	1.65	2	1	1
L110S S7+00W	3	91	4	76	.1	17	2	.71	2	1	2
L110S S6+50W	1	48	3	80	.1	15	2	.71	2	1	1
L110S S5+50W	1	27	6	81	.1	12	2	.57	2	1	1
L110S S5+00W	1	29	5	69	.1	11	2	.56	2	1	2
L110S S4+50W	1	34	2	77	.1	12	2	.58	3	1	3
L110S S4+00W	1	47	6	83	.1	14	2	.51	2	1	1
L110S S3+50W	1	51	6	87	.1	13	2	1.09	2	1	2
L110S S3+00W	2	36	5	94	.1	14	2	.67	2	1	2
L110S S2+50W	1	34	2	86	.1	12	2	.50	2	1	1
L110S S2+00W	1	34	5	86	.1	13	3	.47	2	1	1
L110S S1+50W	1	56	10	93	.1	15	2	.50	2	1	1
L110S S1+00W	1	47	7	107	.1	15	2	.48	2	1	2
L110S S0+50W	1	67	4	107	.1	17	5	.67	2	1	4
L110S S0+00	1	44	9	88	.1	14	7	.49	2	1	3
L110S S0+50E	1	48	10	113	.1	14	2	.48	2	1	3
L110S S1+00E	1	61	13	124	.1	15	3	.50	2	1	2
L110S S1+50E	1	15	2	60	.1	6	2	.92	2	1	15
L110S S2+00E	1	33	6	62	.2	9	2	.47	2	1	4
L110S S2+50E	1	37	7	84	.2	11	2	.50	2	1	3
L110S S3+00E	1	46	9	95	.3	13	2	.57	2	1	2
L110S S3+50E	2	86	9	120	.2	18	2	.44	3	1	6
L110S S4+00E	2	58	11	140	.2	15	9	.45	2	1	2
L110S S4+50E	1	63	14	180	.1	15	5	.57	2	1	2
L110S S5+00E	2	55	11	161	.2	16	10	.46	4	1	3
L110S S5+50E	1	72	14	203	.2	15	10	.45	3	1	1
L110S S6+00E	1	44	11	198	.1	15	11	.46	2	1	1
L110S S6+50E	1	22	8	124	.1	7	2	.56	2	1	2
L120S S11+50W	1	38	2	71	.1	11	2	.66	2	1	1
L120S S11+00W	1	40	7	108	.1	12	2	.68	2	1	1
L120S S10+50W	1	52	7	91	.1	14	2	.90	2	1	2
L120S S10+00W	1	49	3	103	.1	14	2	.68	2	1	4
L120S S9+50W	1	35	8	87	.1	13	2	.59	2	1	2
L120S S9+00W	1	49	5	52	.4	9	2	1.64	2	1	1
STD C/AU-0.5	20	60	41	138	7.5	29	37	.48	15	11	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
L120S S8+50W	1	184	8	66	.2	13	2	1.48	2	1	2
L120S S6+50W	1	50	13	82	.2	12	3	.55	2	1	1
L120S S5+50W	1	42	12	75	.1	12	2	.52	2	1	1
L120S S5+00W	1	42	13	76	.1	13	2	.79	2	1	2
L120S S4+00W	1	36	12	84	.1	11	2	.42	2	1	1
L120S S3+50W	1	35	7	78	.1	11	2	.85	2	1	1
L120S S2+00W	1	40	9	84	.1	13	2	.56	2	1	65
L120S S1+50W	1	36	11	97	.1	11	3	.55	2	1	1
L120S S1+00W	1	41	7	83	.1	12	4	.61	2	1	1
L120S S0+50W	1	57	14	92	.1	15	3	.51	2	1	3
L120S S0+00	1	44	15	103	.1	11	2	.48	2	1	1
L120S S1+00E	2	51	13	113	.3	13	5	.55	2	1	2
L120S S2+00E	1	90	9	87	.1	10	3	.40	2	1	2
L120S S2+50E	1	242	11	75	.1	21	4	.61	2	1	7
L120S S3+50E	2	144	6	72	.1	24	2	4.50	2	1	4
L120S S4+00E	1	66	12	121	.1	15	5	.50	2	1	1
L120S S4+50E	2	60	16	148	.1	14	4	.49	2	1	2
L120S S5+00E	1	33	10	128	.1	12	2	.49	2	1	2
L120S S5+50E	1	43	7	149	.1	12	5	.47	2	1	1
L120S S6+00E	1	32	9	110	.1	13	2	.45	2	1	1
L120S S6+50E	2	41	10	131	.1	13	3	.44	2	1	2
L120S S7+00E	1	50	16	123	.1	14	4	.46	2	1	6
L130S S9+50W	1	34	9	88	.1	11	2	.78	2	1	3
L130S S8+75W	1	35	10	67	.2	11	2	.46	2	1	2
L130S S8+50W	1	31	3	62	.2	10	2	.37	2	1	1
L130S S8+25W	1	41	4	63	.2	10	2	.57	2	1	1
L130S S7+75W	1	31	7	69	.1	12	2	.44	2	1	2
L130S S7+50W	1	50	7	80	.1	12	2	.58	2	1	1
L130S S7+25W	1	59	9	82	.2	11	2	.88	2	1	1
L130S S6+75W	1	42	10	100	.4	10	2	.49	2	1	1
L130S S6+50W	1	45	5	89	.1	13	2	.56	2	1	4
L130S S3+50W	1	48	18	99	.1	12	2	.49	2	1	2
L130S S1+50W	1	44	6	78	.1	15	4	.98	2	1	1
L130S S0+50E	1	36	7	85	.1	13	2	.45	2	1	1
L130S S1+00E	1	54	17	108	.1	14	6	.43	2	1	2
L130S S1+50E	1	79	16	116	.1	15	5	.50	2	1	2
STD C/AU-0.5	20	59	41	136	6.9	28	38	.48	15	11	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
L130S S2+50E	2	57	9	133	.1	15	5	.43	2	1	1
L130S S3+00E	2	56	15	114	.1	16	3	.56	2	1	1
L130S S3+50E	1	59	9	118	.1	14	4	.51	2	1	1
L130S S4+00E	1	68	8	109	.1	15	3	.49	3	1	5
L130S S4+50E	2	92	18	124	.1	15	6	.58	2	1	5
L130S S5+00E	1	80	14	119	.1	15	5	.81	2	1	4
L130S S5+50E	1	53	13	125	.1	14	2	.44	2	1	4
L130S S6+00E	1	40	10	133	.1	15	2	.51	2	1	2
L130S S6+50E	1	48	3	50	.3	3	2	16.46	2	1	1
L130S S7+00E	1	90	2	26	.1	4	2	19.81	2	1	1
130+100S S9+50W	1	37	11	97	.1	13	3	.92	2	1	1
130+100S S9+00W	1	20	5	76	.2	10	2	.63	3	1	1
130+100S S8+75W	1	189	7	41	.3	14	2	1.41	2	1	4
130+100S S8+00W	1	57	7	91	.1	14	2	.53	2	1	3
130+100S S7+25W	1	20	9	62	.2	14	2	.49	2	1	1
130+100S S7+00W	1	36	6	77	.1	15	2	.33	3	1	1
130+100S S6+75W	1	40	10	104	.2	12	2	.49	3	1	6
130+100S S6+50W	1	45	7	106	.2	13	2	.53	3	1	3
130+200S S9+25W	1	26	5	88	.1	16	8	.43	2	1	3
130+200S S9+00W	1	44	8	74	.1	13	3	.67	2	1	1
130+200S S7+50W	1	61	19	85	.4	13	2	.50	3	1	19
130+200S S7+25W	1	31	8	97	.2	11	3	.58	4	1	1
130+200S S6+75W	1	44	5	90	.4	13	2	.57	2	1	4
130+200S S6+50W	1	21	6	107	.1	8	3	.28	4	1	1
130+300S S9+25W	1	33	4	86	.1	12	2	.45	3	1	1
130+300S S9+00W	1	55	8	90	.1	15	3	.55	4	1	1
130+300S S8+75W	1	34	7	92	.1	13	2	.54	2	1	1
130+300S S8+50W	2	90	4	49	.2	13	2	1.58	2	1	4
130+300S S8+25W	1	30	13	107	.1	12	2	.43	3	1	1
130+300S S7+50W	1	42	8	83	.1	15	2	.61	2	1	3
130+300S S7+25W	1	45	8	81	.1	14	2	.55	3	1	1
130+300S S7+00W	1	28	5	77	.1	12	2	.74	2	1	1
130+300S S6+75W	1	27	8	71	.1	11	2	.76	2	1	1
130+300S S6+50W	1	34	10	91	.1	14	2	.57	2	1	1
130+400S S9+70W	1	52	5	80	.1	14	3	.83	4	1	1
130+400S S9+25W	1	72	2	81	.1	18	4	.74	2	1	3
STD C/AU-0.5	21	58	40	134	7.0	29	37	.48	15	12	500

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
130+400S S8+75W	1	32	4	69	.2	11	2	.50	2	1	2
130+400S S8+50W	1	30	6	63	.1	13	2	1.06	2	1	1
130+400S S7+50W	1	50	17	87	.1	16	4	.49	3	1	8
130+400S S7+25W	1	23	11	62	.2	10	2	.37	3	1	6
130+400S S6+75W	2	35	9	89	.1	14	3	.55	2	1	3
130+400S S6+50W	1	25	8	64	.4	11	2	.41	3	1	6
130+400S S6+00W	1	39	10	95	.1	12	3	.45	2	1	2
130+400S S5+50W	1	29	12	66	.2	11	2	.55	2	1	2
130+400S S5+00W	1	42	9	96	.3	14	4	.57	2	1	5
130+400S S4+50W	2	35	6	90	.1	13	2	.44	2	1	1
130+400S S4+00W	1	58	6	83	.4	15	2	.71	2	1	2
130+400S S3+50W	2	37	12	107	.2	12	6	.46	2	1	1
130+400S S3+00W	1	32	12	81	.2	11	5	.50	3	1	1
130+400S S2+50W	2	38	8	104	.1	14	10	.39	2	1	1
130+400S S2+00W	2	39	19	104	.4	13	11	.41	2	1	5
130+400S S1+50W	1	33	9	95	.1	12	2	.43	2	1	2
130+400S S1+00W	1	43	12	100	.1	14	2	.54	2	1	1
130+400S S0+50W	1	45	9	94	.1	13	3	.59	2	1	1
130+400S S0+00	1	46	5	103	.1	14	3	.57	2	1	10
130+400S S0+50E	1	28	11	98	.1	11	2	.55	2	1	2
130+400S S1+00E	1	42	3	95	.1	15	2	.57	2	1	1
130+400S S1+50E	1	34	2	91	.1	11	2	.57	2	1	1
130+400S S2+00E	1	37	8	115	.1	13	2	.61	2	1	2
130+400S S2+50E	2	52	14	114	.1	14	3	.52	2	1	1
130+400S S3+00E	2	108	19	155	.1	19	9	.53	3	1	2
130+400S S3+50E	1	44	4	98	.1	13	4	.55	2	1	1
130+400S S4+50E	1	61	9	103	.1	15	3	.52	2	1	1
130+400S S5+00E	1	56	2	110	.1	15	3	.51	2	1	2
130+400S S6+00E	1	50	10	161	.1	15	2	.49	2	1	1
130+400S S6+50E	2	35	8	115	.1	14	2	.48	2	1	1
130+400S S7+00E	1	68	5	122	.1	15	5	.55	2	1	5
130+400S S7+50E	1	23	6	98	.1	18	2	.38	2	1	1
130+500S S9+50W	1	41	5	89	.1	14	2	.40	2	1	4
130+500S S9+25W	1	33	6	125	.1	12	2	.57	2	1	1
130+500S S9+00W	1	42	11	102	.1	14	2	.68	2	1	2
130+500S S8+75W	1	42	5	98	.1	13	5	.52	2	1	1
STD C/AU-0.5	21	59	41	138	6.9	29	38	.48	16	11	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
130+500S S8+50W	1	33	2	86	.1	12	5	.45	2	1	2
130+500S S8+25W	1	48	9	52	.1	13	4	1.11	2	1	24
130+500S S7+75W	1	32	14	94	.3	13	5	.57	2	1	5
130+500S S7+50W	1	39	5	98	.1	15	6	.46	2	1	4
130+500S S7+00W	1	42	9	120	.1	17	3	.57	2	1	1
130+600S S9+50W	1	32	9	64	.1	10	2	.74	2	1	1
130+600S S9+25W	1	54	10	120	.1	14	2	.51	2	1	1
130+600S S9+00W	1	43	11	81	.1	20	8	.47	2	1	1
130+600S S8+75W	2	37	3	90	.1	24	4	1.53	2	1	1
130+600S S8+50W	1	36	5	91	.1	11	2	.47	2	1	2
130+600S S8+25W	1	36	4	89	.1	14	3	.55	2	1	1
130+600S S8+00W	1	42	2	65	.1	12	4	.59	2	1	1
130+600S S7+75W	1	30	6	62	.1	10	3	.44	2	1	2
130+600S S7+50W	1	62	13	105	.2	14	5	.57	2	1	11
130+600S S7+25W	1	25	12	64	.3	10	2	.63	2	1	7
130+600S S7+00W	1	31	10	125	.5	13	5	.39	3	1	5
130+600S S6+75W	1	60	2	82	.1	21	5	.22	6	1	30
130+600S S6+50W	1	100	15	80	.6	18	4	.45	2	1	7
130+700S S9+25W	1	76	9	133	.1	11	2	1.14	2	1	4
130+700S S9+00W	1	116	5	75	.1	14	2	.77	2	1	1
130+700S S8+50W	1	28	11	162	.2	15	5	.30	2	1	1
130+700S S8+25W	1	49	7	69	.1	15	5	.77	2	1	1
130+700S S8+00W	1	86	8	75	.1	16	7	1.22	2	1	11
130+700S S7+75W	1	34	3	28	.1	5	2	.76	2	1	2
130+700S S7+50W	1	43	8	88	.1	13	2	.59	2	1	1
130+700S S7+25W	1	73	6	84	.2	15	3	.79	2	1	6
130+700S S7+00W	1	39	9	93	.2	12	2	.72	2	1	9
130+700S S6+75W	1	41	11	85	.5	13	4	.71	2	1	24
130+700S S6+50W	1	62	7	70	.1	16	4	.94	2	1	46
130+800S S9+50W	1	40	5	58	.1	12	9	2.25	2	1	1
130+800S S9+25W	2	64	2	5	.1	2	2	4.89	2	1	1
130+800S S9+00W	1	177	5	79	.4	16	6	1.52	2	1	5
130+800S S8+50W	1	30	4	104	.2	17	3	.65	2	1	1
130+800S S8+25W	1	38	6	78	.1	13	2	.43	2	1	1
130+800S S7+75W	1	28	6	45	.2	8	2	1.25	2	1	1
130+800S S7+50W	1	35	6	63	.1	10	2	.66	2	1	2
STD C/AU-0.5	21	58	41	137	6.9	29	37	.48	16	12	500

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
130+800S S7+25W	1	48	9	107	.1	10	2	.52	2	1	2
130+800S S7+00W	1	72	5	91	.1	16	3	.79	3	1	22
130+800S S6+75W	1	33	11	88	.1	12	3	.55	2	1	2
130+800S S6+50W	1	35	2	106	.1	13	2	.60	2	1	1
130+920S S9+50W	1	9	3	6	.1	1	2	3.58	2	1	1
130+920S S9+25W	1	29	5	74	.2	9	9	.64	20	1	1
130+920S S9+00W	1	51	2	105	.1	13	2	.79	2	1	2
130+920S S8+75W	1	44	8	77	.1	10	2	.65	2	1	1
130+920S S8+50W	1	44	4	93	.6	12	2	.49	2	1	75
130+920S S8+25W	1	34	5	83	.1	12	2	.76	2	1	6
130+920S S8+00W	2	44	10	91	.1	12	2	.54	2	1	1
130+920S S7+75W	1	47	7	101	.1	14	2	.57	2	1	15
130+920S S7+50W	1	37	2	83	.1	11	2	.57	2	1	3
130+920S S7+25W	1	44	7	105	.1	14	3	.50	3	1	4
130+920S S7+00W	1	38	13	68	.4	9	2	.53	2	1	1
130+920S S6+75W	2	112	16	122	.1	17	5	.81	2	1	2
130+920S S6+50W	1	36	9	76	.1	12	2	.54	2	1	1
130+920S S6+00W	1	44	5	104	.1	12	4	.52	3	1	1
130+920S S5+50W	1	45	2	96	.1	12	2	.63	2	1	2
130+920S S5+00W	1	47	4	92	.1	12	2	.52	2	1	2
130+920S S4+50W	1	36	12	102	.3	11	2	.57	3	1	3
130+920S S4+00W	1	48	12	87	.2	14	2	.62	2	1	4
130+920S S3+50W	1	38	11	82	.1	15	2	.55	2	1	1
130+920S S3+00W	1	45	2	88	.1	12	2	.61	2	1	2
130+920S S2+50W	1	51	3	110	.1	13	2	.76	2	1	1
130+920S S1+00W	2	37	15	116	.2	14	3	.61	2	1	1
130+920S S0+50W	2	32	13	110	.1	14	2	.67	2	1	4
130+920S S0+50E	2	54	4	100	.1	14	4	.63	2	1	2
130+920S S1+00E	1	53	8	197	.1	11	2	.58	2	1	2
130+920S S1+50E	2	96	18	179	.1	19	10	.51	2	1	1
130+920S S2+00E	2	56	8	112	.1	14	2	.61	2	1	6
130+920S S3+00E	1	37	8	100	.1	13	2	.62	2	1	1
130+920S S3+50E	2	48	5	113	.1	14	2	.67	2	1	2
130+920S S4+00E	2	41	15	112	.3	14	5	.67	3	1	1
130+920S S4+50E	2	36	11	127	.1	12	4	.59	3	1	2
130+920S S5+00E	2	47	8	117	.1	11	2	.49	2	1	3
STD C/AU-0.5	20	59	40	135	6.9	27	37	.48	16	11	510

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
130+920S S5+50E	2	20	8	95	.3	7	4	.34	2	1	1
130+920S S6+00E	2	38	8	113	.1	12	3	.44	3	1	1
130+920S S6+50E	2	25	10	100	.2	10	4	.44	2	1	1
130+920S S7+00E	2	29	10	81	.1	15	3	.55	2	1	7

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
BL8W S130+030S	2	50	11	93	.1	14	10	.39	2	1	1
BL8W S130+250S	1	46	6	87	.2	12	2	.55	2	1	2
BL8W S130+300S	1	35	4	80	.2	12	18	.49	386	1	2
BL8W S130+450S	1	45	22	101	1.4	13	3	.33	7	1	75
BL8W S130+550S	1	26	11	79	.4	9	2	.76	2	1	3
BL8W S130+650S	1	28	7	68	.2	10	3	.82	3	1	5
BL8W S130+750S	1	39	7	93	.1	14	5	.59	2	1	1
BL 130+500S	1	39	5	51	.4	4	2	15.68	2	1	1
BL8W 130+350W	1	37	7	85	.6	13	4	.64	3	1	21
BL8W 130+800W	1	43	15	106	.1	12	2	.70	2	1	1
BL0+00 130+920S	1	35	3	120	.1	11	3	.52	2	1	1
SMW 14+50	1	83	8	73	.1	15	4	.81	2	1	2
SMW 15+50	1	74	4	79	.1	16	2	.81	2	1	6
SMW 16+50	1	63	7	83	.1	15	2	.74	2	1	2
STD C/AU 0.5	21	57	41	139	7.0	28	36	.48	17	12	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
L85S S19+00W	2	5	2	18	.1	1	6	39.88	2	1	1
L85S S17+00W	1	92	2	86	.1	18	3	3.08	2	1	1
L85S S16+50W	1	97	4	83	.1	18	2	2.11	2	1	2
L85S S16+00W	1	104	6	101	.1	22	8	3.00	2	1	1
L85S S13+00W	1	72	2	134	.1	18	2	.88	2	1	1
L85S S12+50W	2	19	2	125	.1	16	4	2.29	2	1	3
L85S S11+50W	1	181	6	104	.2	18	6	1.20	3	1	2
L85S S11+00W	1	12	2	109	.1	17	6	1.83	2	1	1
L85S S10+50W	1	39	8	100	.1	18	7	2.19	2	1	2
L85S S9+50W	1	35	4	113	.1	17	3	3.48	2	1	2
L85S S9+00W	1	82	5	87	.1	17	2	2.20	2	1	1
L85S S8+50W	1	45	7	117	.1	18	2	2.41	2	1	1
L85S S8+00W	1	83	2	105	.1	16	2	5.17	2	1	1
L95S S10+00W	1	85	2	111	.1	16	3	1.50	2	1	1
L95S S9+50W	1	120	2	116	.1	18	2	1.92	2	1	1
L95S S9+00W	2	108	13	143	.1	19	5	1.14	2	1	2
L95S S7+00W	2	25	2	39	.1	19	6	3.11	2	1	1
L95S S6+00W	1	50	2	101	.1	17	4	1.64	3	1	1
L95S S5+50W	1	93	5	73	.1	18	2	2.32	2	1	1
L109+50S S4+00W	2	31	2	28	.1	10	9	.59	2	1	3
L110S S11+50W	1	185	12	139	.1	19	2	5.34	2	1	1
L110S S11+00W	1	91	2	71	.1	14	2	6.82	2	1	1
L110S S10+50W	1	398	3	147	.3	25	2	3.80	2	1	2
L110S S9+50W	1	19	4	99	.1	12	2	4.15	2	1	1
L110S S8+50W	1	106	2	163	.1	21	2	1.81	2	1	1
L110S S8+00W	2	81	5	162	.1	19	2	1.36	2	1	1
L110S S6+00W	1	126	2	68	.1	16	2	1.82	2	1	1
L120S S8+00W	1	30	2	78	.1	16	3	2.18	2	1	2
L120S S7+50W	1	14	2	117	.1	16	2	2.46	2	1	1
L120S S7+00W	1	163	11	162	.1	20	3	5.19	2	1	2
L120S S6+00W	1	11	3	121	.1	12	4	4.54	2	1	1
L120S S4+50W	1	21	2	37	.1	4	2	15.30	2	1	1
L120S S3+00W	1	5	6	82	.1	9	5	4.23	2	1	3
L120S S2+50W	2	93	5	54	.1	14	6	2.90	2	1	30
L120S S0+50E	1	134	2	73	.1	14	2	1.08	2	1	2
L120S S1+50E	1	74	2	90	.1	12	6	3.37	2	1	1
L130+100S S7+75W	1	30	2	57	.1	13	9	2.95	2	1	2
STD C/AU-0.5	20	59	39	137	7.0	27	36	.48	15	12	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
L130+100S S7+50W	1	71	2	86	.1	15	40	1.67	2	1	3
L130+200S S9+65W	2	114	3	86	.1	19	11	2.53	2	1	2
L130+200S S8+50W	2	375	2	85	.2	26	17	3.81	2	1	1
L130+200S S8+25W	1	148	2	66	.1	15	17	2.18	2	1	1
L130+200S S8+05W	1	69	2	80	.1	15	3	6.74	2	1	1
L130+200S S7+00W	1	55	6	68	.1	15	3	4.61	2	1	2
L130+225S S7+75W	1	138	2	115	.1	21	9	3.05	2	1	1
L130+225S S7+50W	1	91	3	97	.1	18	9	4.08	2	1	2
L130+400S S4+00E	1	95	2	98	.1	19	2	5.59	2	1	1
L130+400S S5+50E	1	68	2	77	.1	19	2	2.29	2	1	1
L130+700S S8+75W	1	92	4	96	.1	22	4	5.36	2	1	1
BLB+00W S130+150S	1	98	2	83	.1	16	5	4.13	2	1	2

1a	Green-grey, green, fine- to medium-grained pyroxene andesite
1d	Green andesitic breccia
1df	Andesite-limestone breccia
1e	Green-grey, green andesitic tuffs, often bedded
1et	Purplish-grey tuff
1eth	Rusty, fine-grained tuff
1f	Pale-grey, fine-grained, massive to finely-bedded limestone
1g	Dark grey, finely-bedded argillites, in part possibly tuffaceous
5	Grey to grey-green, fine- to medium-grained pyroxene diorite

py	Pyrite
ccp	Chalcopyrite
mal	Malachite
gal	Galena
ep	Epidote
Qv 60	Quartz veins, showing attitude
x	Float
⊗	Quartz float
	Outcrop
50	Bedding: inclined, vertical
	Joints (vertical)
	Foliation (vertical)
	Roads
	Creek
	Swamp
	Edge of clearing

GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,044

LARAMIDE RESOURCES LTD.

SADIM 3 & 4 CLAIMS, B.C.

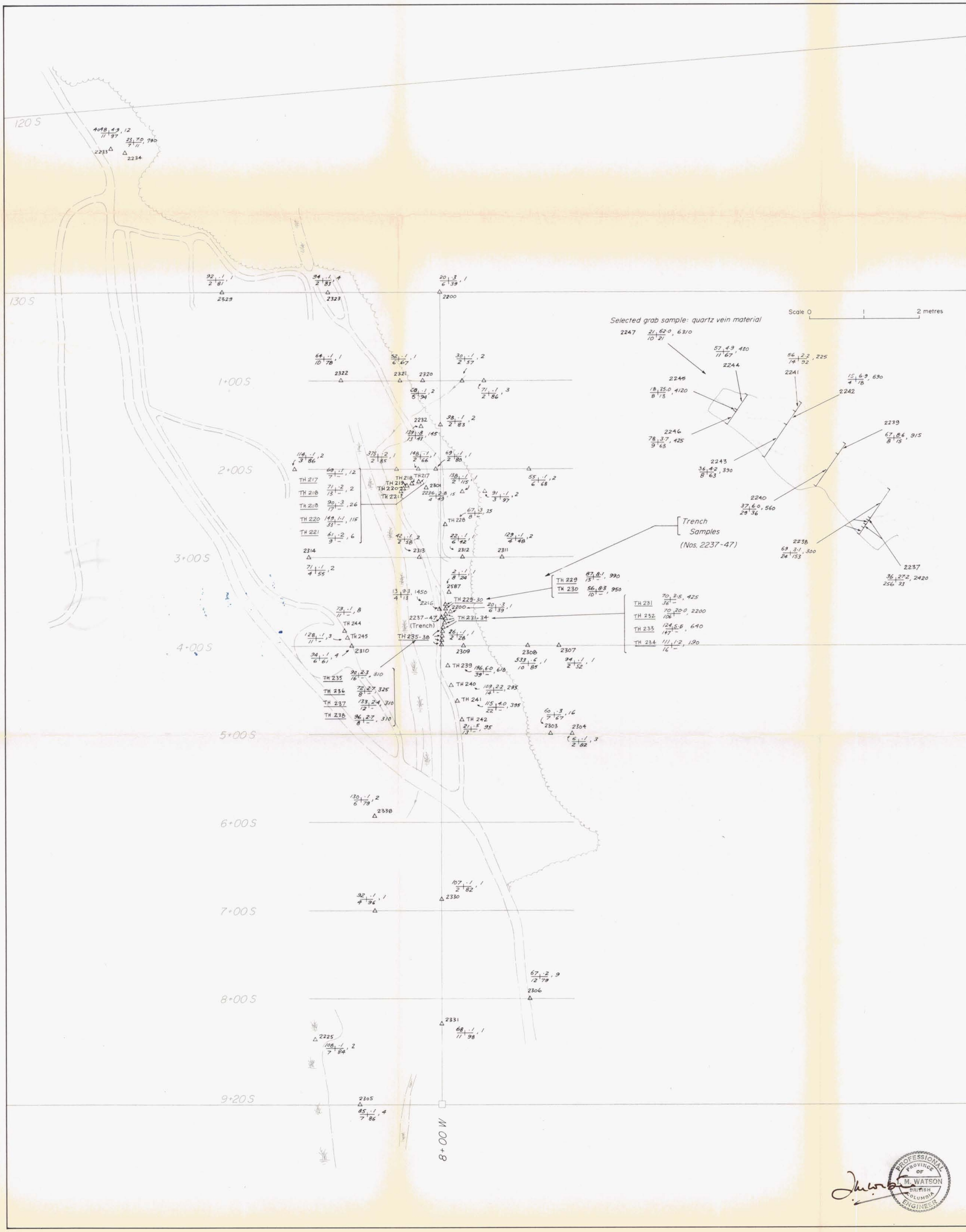
GEOLOGY

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:2500	Nov 1985	dlp / IMW	92H/10E	6

Scale 0 100 200 metres

I.M.WATSON & ASSOCIATES LTD.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — I. M. WATSON



Rock chip sample location and number

Rock sample location and number

Geochemistry results: $\frac{Cu}{Pb}\frac{Ag}{Zn}$, Au in ppm, except Au (ppb)

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,044

Roads

Creek

Swamp

Edge of clearing

LARAMIDE RESOURCES LTD.

SADIM 3 & 4 CLAIMS, B.C.

GEOCHEMISTRY - ROCKS

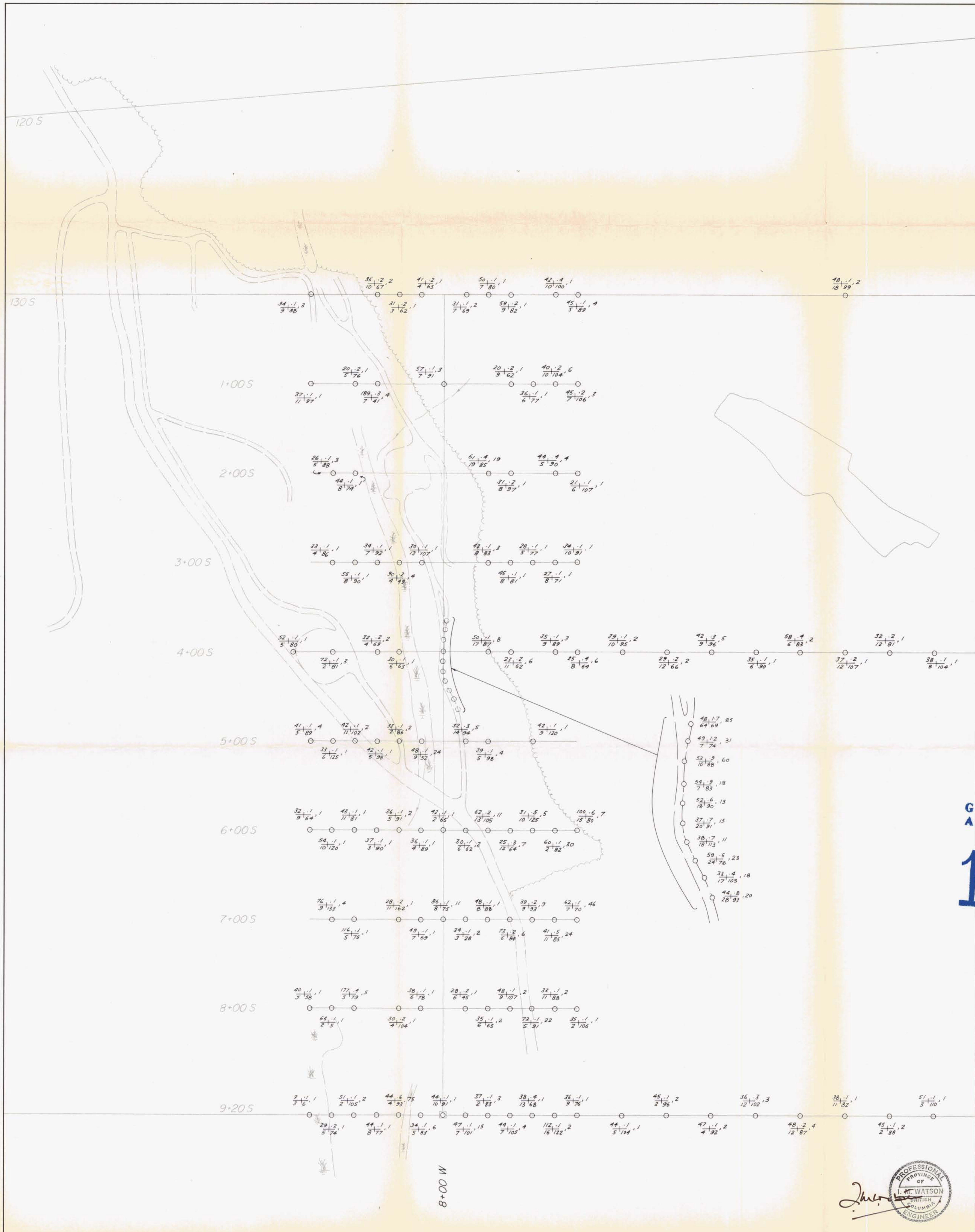
Cu, Pb, Zn, Ag, Au

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:2500		dlp IMW	92H/10E	8

Scale 0 100 200 metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. WATSON

I.M.WATSON & ASSOCIATES LTD.



Soil sample location

Geochemistry results: Cu, Ag, Au, Pb, Zn in ppm, except Au (ppb)

Roads

Creek

Swamp

Edge of clearing

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,044

LARAMIDE RESOURCES LTD.

SADIM 3 & 4 CLAIMS, B.C.

GEOCHEMISTRY - SOILS

Cu, Pb, Zn, Ag, Au

SCALE	DATE	BY	N.T.S.	FIG. No
1:2500		dlp IMW	92H/10E	7

Scale 0 100 200 metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA I. M. WATSON

I.M. WATSON & ASSOCIATES LTD.

Pan sample location and number

Rock sample location and number ;
rock sample, grid coordinates location

Geochemistry results:
Cu, Ag, Au in ppm, Pb, Zn except Au (ppb)

Pond and creeks

Road

Trench

Claim post and boundaries

Powerline

LARAMIDE RESOURCES LTD.

SADIM 1 - 4 CLAIMS, B.C.

GEOCHEMISTRY - ROCKS

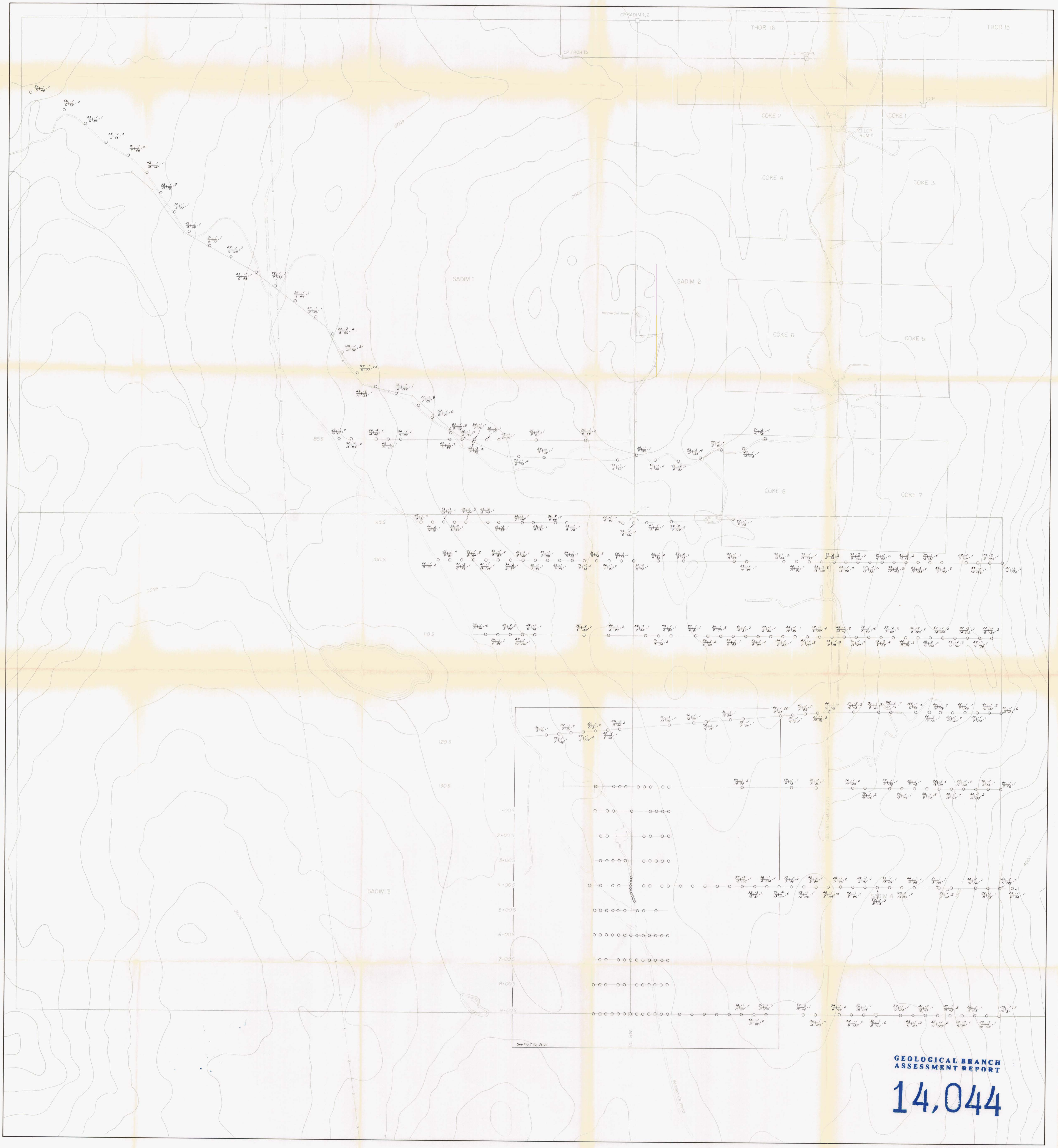
Cu, Pb, Zn, Ag, Au

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:5000	Nov.1985	dlp / IMW	92H/10E	5

Scale 100 0 100 200 300 metres

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA I.M. WATSON

I.M.WATSON & ASSOCIATES LTD.



○ Soil sample location

$\frac{41}{11}\frac{.5}{85}$, 24 Geochemistry results:

$\frac{Cu}{Pb}\frac{Ag}{Zn}$, Au in ppm, except Au (ppb)

Pond and creeks

Road

Trench

Claim post and boundaries

Powerline

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LARAMIDE RESOURCES LTD.

SADIM 1 - 4 CLAIMS, B.C.

GEOCHEMISTRY - SOILS

Cu, Pb, Zn, Ag, Au

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:5000	Nov. 1985	dlp IMW	92H/10E	4

Scale 100 0 100 200 300 metres

I. M. WATSON & ASSOCIATES LTD.

1a	Green-grey, green, fine- to medium-grained pyroxene andesite
1d	Green andesitic breccia
1df	Andesite-limestone breccia
1e	Green-grey, green andesitic tuffs, often bedded
1et	Purplish-grey tuff
1eth	Rusty, fine-grained tuff
1f	Pale-grey, fine-grained, massive to finely-bedded limestone
1g	Dark grey, finely-bedded argillites, in part possibly tuffaceous
5	Grey to grey-green, fine- to medium-grained pyroxene diorite

py	Pyrite
ccp	Chalcopyrite
mal	Malachite
gal	Galena
ep	Epidote
Qv 60	Quartz veins, showing attitude
x	Float
⊗	Quartz float
	Outcrop
50	Bedding: inclined, vertical
	Joints (vertical)
	Foliation (vertical)

Pond and creeks
Road
Trench
Claim post and boundaries
Powerline

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — I. M. WATSON

LARAMIDE RESOURCES LTD.

SADIM 1-4 CLAIMS, B.C.

GEOLOGY

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:5000	Nov. 1985	dlp / IMW	92H/10E	3

Scale 100 0 100 200 300 metres

I.M.WATSON & ASSOCIATES LTD.