I.M. WATSON & ASSOCIATES LTD.

3/88

87-144-15969

TRENCHING, GEOLOGICAL MAPPING & SAMPLING, AND DIAMOND DRILLING PROGRAMMES ON THE SADIM PROPERTY SADIM 1 - 6 CLAIMS

Missezula Mountain Area

Similkameen Mining Division, B.C.

NTS Ref. 92H/10E

Latitude: 49°~~44'~~ 43'

Longitude: 120°~~30'~~ 32.5'

For

Owner/Operator: LARAMIDE RESOURCES LTD.

By

I.M. WATSON & ASSOCIATES LTD.

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

March 1987

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INTRODUCTION

The SADIM 1 - 5 claims are situated in the Missezula Mountain area of southwestern B.C. The claims are underlain by rocks of the Nicola Belt in a geological setting essentially similar to that hosting the porphyry copper-gold deposits of the Quesnel Trough in the Quesnel-Cariboo area.

Geological and geochemical reconnaissance surveys of the SADIM 1 - 4 claims during the summer of 1985 revealed gold and silver bearing quartz veins within a northerly trending zone of altered tuffs close to the common boundary between the SADIM 3 and 4 claims (Watson, 1985). Preliminary sampling of the veins and host rocks gave encouraging results; follow-up trenching programmes during September/October and December 1986 led to a preliminary six-hole diamond drilling programme during January/February 1987.

This report summarises the results of the 1986 trenching and 1987 drilling programmes.

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.

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Figure 1: Index Map

I. M. Watson & Associates Ltd.

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

The property occupies the summit area of the broad, north trending ridge separating the deep fault 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 at 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 varies 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.

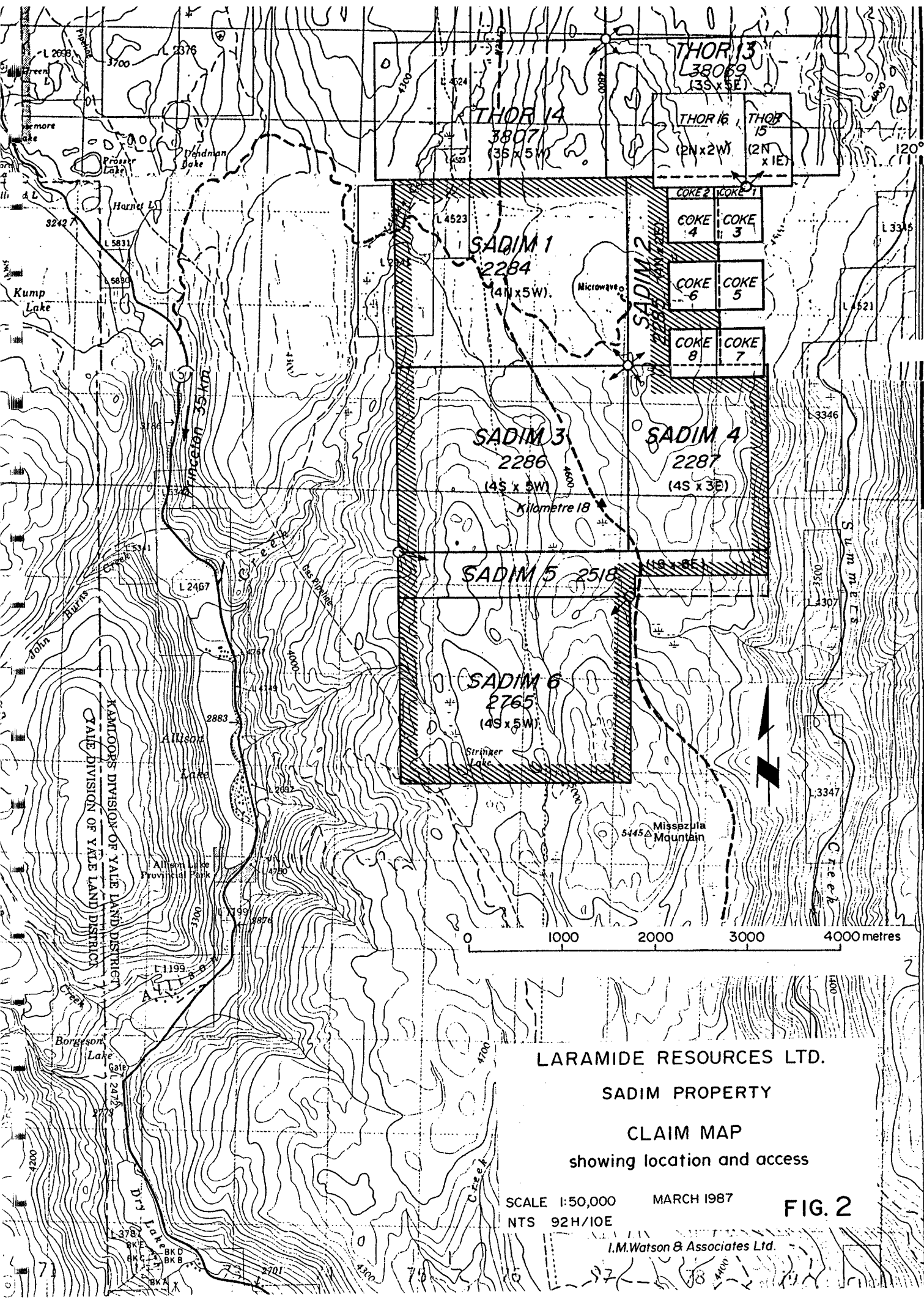
Away from the main north-south river valleys, drainage is weakly developed and consists of ill-defined water courses and seepages.

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 currently active immediately south of the SADIM claims.

CLAIMS (Figure 2)

The SADIM property consists of six mineral claims containing a total of 88 units, as follows:

Claim Name	No. of Units	Record No.	Recording Date
SADIM 1	20	2284	10 October 1984
SADIM 2	8	2285	10 October 1984
SADIM 3	20	2286	10 October 1984
SADIM 4	12	2287	10 October 1984
SADIM 5	8	2518	30 December 1985
SADIM 6	20	2765	8 December 1986



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SADIM PROPERTY

CLAIM MAP

showing location and access

SCALE 1:50,000 MARCH 1987

NTS 92H/10E

FIG. 2

I.M. Watson & Associates Ltd.

The SADIM 1-4 claims were staked by and on behalf of I.M. Watson on the 17th and 18th September 1984. Ownership was transferred to Laramide Resources Ltd. by bill of sale dated 12 November, 1985. The SADIM 5 and 6 claims were staked for Laramide on 5th December, 1985 and 30th November, 1986, respectively.

HISTORY

The earliest record of work in the SADIM claim area dates back to the early 1960's - the beginning of the porphyry copper exploration boom which 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 past activity in the property area.

1962 The 40 claim KR group was staked by Plateau Metals Ltd. Work 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 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 has allowed the claims to lapse.

1984-85 The SADIM 1-4 claims were staked by I.M. Watson and subsequently transferred to Laramide Resources in 1985. In the fall of 1985 Laramide carried out reconnaissance mapping, prospecting and geochemical soil sampling. Encouraging soil and rock geochemical results in the southern part of the SADIM 3 and 4 claims led to detailed sampling and mapping of the anomalous area. Gold and silver bearing quartz veins were found in rusty altered tuffs, over a strike distance of at least 300 metres. Preliminary chip sampling of the mineralised vein material yielded assays of up to 4,120 ppb Au, and a selected grap sample contained 0.20 oz/ton Au.

SUMMARY OF WORK SEPTEMBER 1986 - FEBRUARY 1987

The area of gold mineralisation discovered in 1985 is situated 200 metres east of the Ketchan Creek logging road at kilometre 18. Recent logging (1983) has bared a triangular area, about 1 kilometre long and 500 metres wide at the north end of the clearing. The topographic grain is northerly. A shallow, south draining swampy depression bisects the cleared area. To the east the ground rises moderately from the edge of the clearing to the summit of the broad ridge separating Allison and Summer Creeks. The mineralised veins and host tuff are intermittently exposed along the

eastern side of the swamp over a distance of 300 metres. Other, smaller exposures of mineralised veins have been found up to 700 metres to the north, but the 1986-87 trenching, sampling and drilling programmes were confined to the larger southern area of interest.

(a) Trenching/Sampling Programme

Phase I - Sept. 23 to Oct. 2, 1986 (Figures 4, 6a, and 7a)

Ten trenches were completed using a JWSB H90 Excavator rented from Douglas Lake Ranch Co. Trenches were laid out east-west across the general strike of lithology in the showing area. Seven trenches (Nos. 1-7) were spaced at 25 metre intervals along a 160 metre strike length. Host rock exposures a further 100 metres to the north and south were investigated by trenches #9 and #10 (north) and #8 (south). The total length trenched during Phase I was 320 metres. Average depth of the trenches was 1.5 metres, and overburden cover ranged from zero to 2.0 metres.

All trenches were sampled and mapped; continuous chip samples were taken at 1 metre intervals. Additional chip and channel samples were taken to test individual veins or zones of specific interest. A total of 186 samples was collected, and shipped to Acme Analytical Laboratories Ltd. in Vancouver, to be analysed for Au, Ag, Pb and Cu. Gold was determined by atomic absorption (AA), and silver, lead and copper by the inductively coupled argon plasma method (ICP).

Phase II - December 10 to 17, 1986 (Figures 4, 6a-c, 7a-c)

The Phase II trenching programme was undertaken to test the extent and tenor of the gold bearing quartz vein stockwork revealed by Phase I. Trenches #'s 2 - 7 were extended to the east and the ground to the north and northeast of the anomalous zone was tested by new trenches 1A and

11; trenches, 12, 13 and 14 explored the area west of the swamp. Total length of trenches completed, mapped and sampled during Phase II was 455 metres. Average depth was approximately 1.5 metres. 175 chip samples were sent to Acme Laboratories for analysis.

b) **Diamond Drilling Programme - January 24th - February 11th, 1987 (Figs. 4, 5 and 6a)**

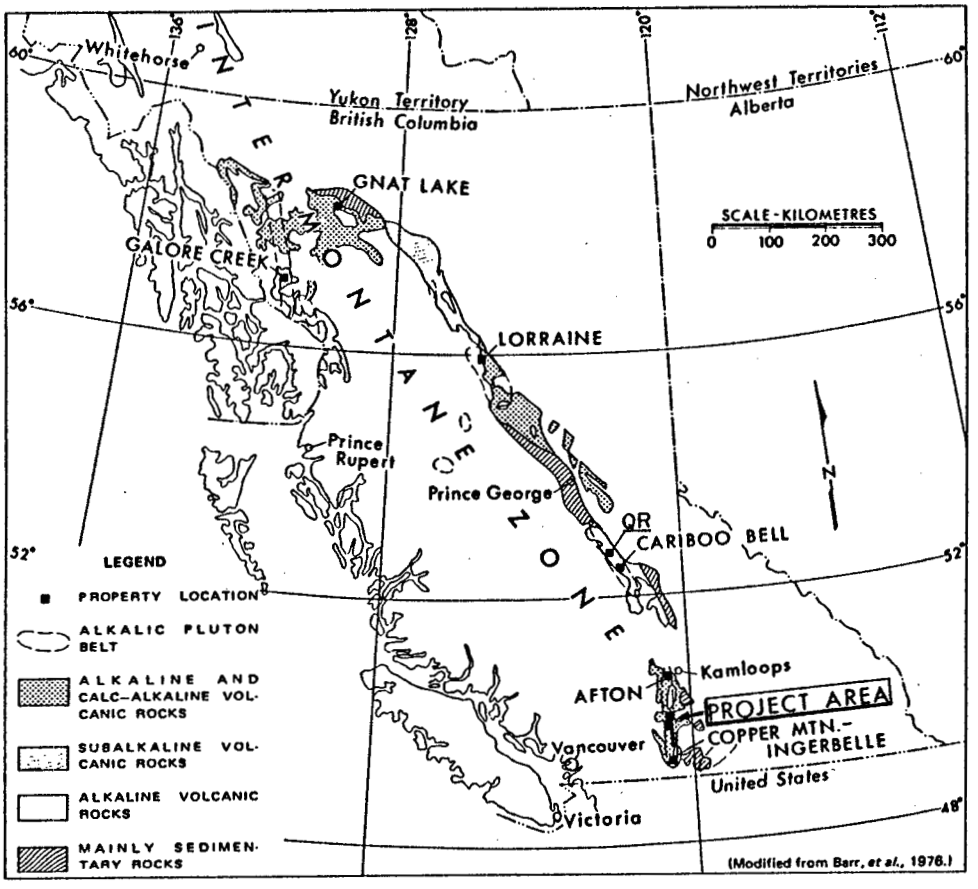
A preliminary diamond drilling programme was laid out to test the quartz-vein stockwork exposed by the trenching programme. Six vertical NQ diameter holes totalling 292 metres were drilled by Rainbow Diamond Drilling Ltd. of Merritt. The holes were evenly spaced along a 200-metre strike length; maximum depth attained was 94 metres in hole 87-3. The planned programme was curtailed by broken ground, and particularly by a wide easterly dipping shear zone. Circulation losses and high compressive forces prevented four of the holes penetrating the shear and only one of the other holes (87-3) reached target depth. All core was logged, split and sampled at one metre intervals. 270 samples were shipped to Acme Analytical Laboratories where they were analysed for gold, silver, lead and copper.

The split core is stored in covered racks at the Willow Heights Ranch, Aspen Grove.

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).



Upper Triassic and Lower Jurassic volcanic rocks, significant copper deposits, and associated alkalic plutons in the Intermontane Zone.

LARAMIDE RESOURCES LTD.

SADIM PROPERTY

REGIONAL GEOLOGY

SCALE 1:13,500,000(approx) MARCH 1987

FIG. 3

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The volcanics of the Quesnel and Nicola Belts form a mixed alkaline and calc-alkaline sequence of basalts and derived breccias, 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 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.

SADIM Gold Showing Area (Figures 5, 6a-c, 8, 9 and 10)

Lithology and Structure: The trenching and drilling programmes have provided additional detailed information regarding the lithology, structure and mineralisation of

the area hosting the SADIM gold zone. The geological setting is shown on the 1:2500 geological plan (Figure 5).

The general trend is slightly west of north; dips are steep to moderate easterly. 'Tops' have yet to be recognised.

A major easterly dipping shear zone was intersected in all the drill holes and projects to surface along the north trending swamp in the middle of the map area (Figures 5, 8, 9 and 10). The fault, probably a thrust, separates essentially andesitic flows **(la)** and tuffs **(le)** on the west from mixed tuffs **(le, le sil, le cal)** on the east. The fault zone, which is about 15 metres thick, occurs along a dark grey carbonaceous limestone (See Figures 8 and 10), but also contains thick sections of quartz rich gouge.

The shear has caused intense and extensive fracturing and alteration (silification, pyritisation) in the adjacent rocks, particularly the tuffs above and to the east of the fault.

The silicified tuffs **(le sil)** appear to be altered equivalents of the green and grey tuff **(le)**-contacts in core and outcrop are irregular and transitional, and veins within the darker tuffs have alteration 'haloes' along their contacts. The silicified tuffs are pale grey, fine grained, and contain abundant small closely packed quartz eyes in a fine feldspathic groundmass. Pyrite occurs as fine disseminations, and is concentrated most heavily in zones of veining and fracturing. Weathering has oxidised the pyrite and the tuffs are strongly and pervasively hematitised to a depth of 10 metres.

An extensive fracture controlled quartz vein stockwork has developed in the altered tuffs, particularly in the silicified tuffs. Veins range from hair fractures to greater than one metre in thickness. There appear to be two dominant strike directions, roughly 30° north and south of east-west. Dips are southerly; the diagrammatic representation of veins in the 3+75S cross section (Figure 10) suggests that dips tend to flatten with depth as the veins close with the major shear zone.

Mineralisation: The quartz veins contain erratically disseminated sulphides, mainly pyrite, as well as chalcopyrite, and less commonly galena. In many cases, sulphides are concentrated along the vuggy margins or centres of a vein. Galena is usually

present as very fine crystal clusters or linings along hair fractures in the quartz. Sulphide concentration is related to vein size and to density of fracturing of the host tuff. Trench and drill hole sampling results show a close relationship between precious metal content, quartz veining (and fracturing), and sulphide concentration. The presence of galena is a good indication of elevated gold and silver content.

SUMMARY OF RESULTS

1. Gold mineralisation on the SADIM property occurs in a quartz-vein stock work within silicified and calcareous tuffs **(le sil** and **le cal)** above a major northerly striking, easterly dipping shear zone.

2. Significant precious metal contents have been obtained from trench sampling over an area approximately 200 metres by 60 metres. The gold content of chip samples ranges from 50 to 4,350 ppb. A 1.1 metre vein in Trench #2 assayed 6,390 ppb Au (0.19 opt.).

3. The six hole, 292 metres preliminary drilling programme was curtailed by bad ground within and adjacent to the shear zone, but tested the stockwork to a depth of 50 metres (Hole 87-1). Drill hole and trench sample data suggest that precious metal content increases from south to north (Figure 8a). The most northerly hole, 87-6, cut a 9.0 metre section from 22 metres to the bottom of the hole which averages 3,090 ppb Au (0.09 opt.) and 25.4 ppm Ag (0.74 opt.) and includes a one metre section assaying 19,800 ppb Au (0.58 opt.) and 159.1 ppm Ag (4.6 opt.).

4. The stockwork is open to the east (down-dip) and to the north. Although gold and silver content appears to diminish to the south, further, deeper drilling is needed to establish the southern limits of the mineralised veins.

5. Comparison of the geological and assay plans and sections shows a close correlation of gold/silver content with quartz veining and sulphide concentration (pyrite, chalcopyrite and galena in order of abundance). The presence of galena is a good indication of elevated gold and silver content. The Au:Ag ratio is consistently 1:8.

6. Further drilling and trenching is required to establish the full extent and tenor of the SADIM stockwork. The northerly strike and easterly down-dip potential of the zone are obvious priority targets.

I.M. WATSON & ASSOCIATES LTD.

I.M. Watson, P.Eng.

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 Property was carried out during the periods September 23rd to October 2nd, 1986; December 10th to 17th, 1986; and January 24th to February 11th, 1987 by the following personnel:
   I. M. Watson- Geologist/Supervisor
   J. H. Randa - Prospector/Sampler - Sept. 23 to Oct. 2,
   D. England - Sampler - Sept. 29 to Oct. 2, 1986
   D. Whalen - Prospector/Sampler - December 10 to 17,1986
   S. Angus - Prospector/Sampler - December 10 to 17,1986
   R. Gibbs - Core Splitter - January 24 to February 11,1987

March 26, 1987
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.

Watson, I.M., 1985. Reconnaissance Geological and Geochemical Surveys of the SADIM Group, for Laramide Resources 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.

Statement of Costs - SADIM Claims

Phase I	Trenching, Sampling & Mapping Programme -September 23 to October 2, 1986 SADIM 1 - 5 Claims
Phase II	Trenching, Sampling & Mapping Programme - December 10 - 17, 1986 SADIM 1-4 Claims
Diamond Drilling Programme	January 24 to February 11, 1987 SADIM 1 - 6 Claims

STATEMENT OF COSTS - SADIM CLAIMS

Phase I

a) Trenching - 23 - 26 September, 1986

Salaries			
I.M. Watson (Consulting Geologist/Supervisor)			
4 days @ $400/day	$ 1,600.00		
J. Randa (Prospector)			
3 days @ $185/day	555.00	$ 2,155.00	
Accommodation/Board		245.00	
Vehicle Rental - (4 x 4)			
4 days @ $30/day		120.00	
Fuel		51.50	
Excavator Rental			
JSWBH 90 Excavator			
Operator			
Mob & Demob		2,300.89	$ 4,872.37

b) Geological Mappling/Sampling - 27 September to 2 October, 1986

Salaries			
a) Field Work			
I.M. Watson (Consulting Geologist/Supervisor)			
6.5 days @ $ $400/day	$ 2,600.00		
J. Randa (Prospector)			
6.5 days @ $85/day	1,202.50		
D. England (Labourer/Assistant)			
3 days @ $116/day	348.00	5,150.50	
b) Report Preparation			
I.M. Watson			
3 days @ $400/day		1,200.00	
Accommodation/Board		660.31	
Telephone, Freight		49.96	
Vehicle Rental			
6 days @ $30/day		180.00	
Fuel		50.75	
Supplies		80.67	
Geochemical Analyses - Acme Laboratories			
186 samples @ $11.50/ea (Au,Ag,Pb,Cu)		2,147.07	
Drafting - D. Phillips			
12 hrs. @ $20.00/hr.		240.00	8,789.26
	Total Phase I		**$13,631.63**

Phase II

a) Trenching Dec. 10-15, 1986

Salaries			
I.M. Watson (Consulting Geologist/Supervisor)			
3 days @ $400.00/day		$ 1,200.00	
Accommodation/Board		105.00	
Vehicle Rental (4 x 4)			
3 days @ $30.00/day		90.00	
Fuel		22.98	
Excavator Rental			
JSWB490 - 41.5 hrs. @ $95.00	$ 3,942.50		
Operator Costs			
16.5 hrs. @ $20.00/hr.	330.00		
Mob/Demob - 7 hrs. @ $66.75	467.25	4,739.75	6,157.73

b) Geological Mapping/Sampling Dec. 11-17, 1986

Salaries			
I.M. Watson (Consulting Geologist/Supervisor)			
5 days @ $400.00/day	2,000.00		
S. Angus (Prospector/Sampler)			
8 days @ $140.00/day	1,120.00		
D. Whalen (Prospector/Sampler)			
8 days @ $180.00/day	1,840.00	4,560.00	
Accommodation/Board		840.09	
Telephone, Freight		34.94	
Vehicle Rental (4X4)			
5 days @ $30.00/day		150.00	
Fuel		45.97	
Supplies		199.84	
Geochem Analyses (Acme Analytical Labs)			
Au, Ag, Pb, Cu (175 samples + freight)		2,138.14	
Drafting - D.L. Phillips Drafting Services			
22 hrs. @ $20.00/hr.		440.00	8,408.98
Total Phase II			**$14,566.71**

Diamond Drilling Programme - 24 January - 11 February, 1987

Salaries			
I.M. Watson (Consulting Geologist/Supervisor)			
19 days @ $400.00/day	7,600.00		
R. Gibbs (Core Splitter)			
19 days @ $115.00/day	2,185.00	9,785.00	
Accommodation/Board		1,802.31	
Telephone/Freight		126.82	
Vehicle Rental (4 x 4)			
19 days @ $35.00/day		665.00	
Fuel		269.46	
Supplies/Equipment		686.86	
Diamond Drilling - Rainbow Diamond Drilling			
292 m NQ @ $59.05/m (1,800 ft.)	17,244.00		
Filed costs, consumables	5,661.00	22,905.00	
Assaying - Acme Analytical Laboratories			
270 core samples @ $10.50/ea	2,835.00		
Shipping	96.98	2,931.98	
Map Printing		163.14	
Drafting - D.L. Phillips Drafting			
41.5 hrs. @ $20.00/hr.		830.00	40,105.57
		Total	**$40,105.57**

SUMMARY

Phase I Trenching, mapping, sampling	$ 8,759.26
Phase II Trenching, mapping, sampling	14,566.71
Diamond Drilling	40,105.57
	$63,431.54

I.M. WATSON & ASSOCIATES LTD.

I.M. Watson, P.Eng.

APPENDIX A

DIAMOND DRILL LOGS

DIAMOND DRILL RECORD

CLAIM NO. _____ PROPERTY SADIM HOLE NO. 87-1 P1.

LATITUDE 3+50S ELEVATION _____ BEARING - DEPTH 51.5m STARTED 24.1.87 COMPLETED 27.1.87

DEPARTURE 7+85W SECTION _____ DIP -90° DRILLED BY RAINBOW DIAMOND DRILLING LOGGED BY IMW NQ

DEPTH m.	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
0 - 2.74	OVERBURDEN (BOULDERS, CLAY)								
(2.74)	(CASING TO 4.9m)								
2.74 - 7.00	TUFF 'SILICIFIED' - RUSTY WEATHERING,	88701	2.70	4.00	1.3	105	0.8	12	6
(4.26)	OXIDISED, PALE GREY - GREY GREEN WHERE FRESH								
	ABUND. SMALL SEGH. ROUNDED, CLOSELY PACKED								
	QUARTZ 'EYES' IN F. FELTSPATHIC GRND. MASS.								
	CORE MUCH BROKEN, FRACTURED - HIGHLY								
	FRACTURED THROUGHOUT. DOM. @ 40-60°/CA.								
	PYRITE - FINELY & ERRATICALLY DISSEM.								
	THROUGH SECTION, MORE HEAVILY CONC. IN								
	& ADJACENT TO QUARTZ VNS/VNLTS.								
	QUARTZ VNS @ -								
	3.10 - 3.85 : - (BROKEN CORE)	88702	4.0	5.0	1.0	11	0.1	5	75
	5.30 - 5.70 : - (BROKEN CORE)								
	5.88 - 5.92 : ~ 55°/CA	88703	5.0	6.0	1.0	165	1.6	13	88
	6.09 - 6.10 : 30°/CA								
	6.68 - 6.77 : - 35°/CA + MOD. DISSEM PYS	88704	6.0	7.0	1.0	840	7.9	350	205
	6.90 - 7.00 : - 40°/CA								

DIAMOND DRILL RECORD

PROPERTY Sandin HOLE NO. 87-1 P.2

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
	6.0 - 7.0 · 4 cm. Gouge 70°/CA.								
	Core Lost in Broken Ground :-								
	2.7 - 3.6 : 0.5m								
	3.6 - 4.7 : 0.3m								
	4.7 - 6.1 : 0.15m								
	6.1 - 7.0 : 0.05m.								
	(Core Recovery ~ 77%)								
7.00 - 24.8	Tuff, 'Silicified' - As above, but 'Fresh.								
(21.8)	(Hematite Absent Except Along 'Open' Fracts.) -								
	Contains Irreg. Zones of Dark Grey 'Unaltered'								
	Tuff, Poorly Delineated, Transitional with								
	Pale Buff - Grey Pyritized / Silicified Tuff, ss.								
	@ 12.0 - 12.9 ; 16.5 - 18.5 (Brecciated Adj. Vns)								
	Pyrite - Finely & Patchily Disseminated. Except in Unaltered								
	Zones; - Most Prominent In & Adjacent To Qtz Vns.								
	Quartz Veins - Distribution Dependent on	88705	7.0	8.0	1.0	265	1.7	5	76
	Fracture Density / Intensity :-	88706	8.0	9.0	1.0	445	3.1	7	108
	7.91 - 8.30 : 15°/CA - Along Chl. Lined Fract.	88707	9.0	10.0	1.0	3260	23.6	26	76
	9.10 - 9.60 : (Broken Core) Vn. Fract'd // Contacts								

DIAMOND DRILL RECORD

PROPERTY Sadim HOLE NO. 87-1 P3

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(7.00-28.8)	VN. CONTAINS TWO GENERATIONS QTZ.- DOM. CRYSTN, CUT?								
CONT'D.	BY MILKY, ORANGE. PYRITE IN VN (WK.) & WALL ROCK (HEAVY)								
	9.60-9.90: VNLTS. @ 75°/CA + MOD. DISSEM. PY								
	10.5-11.8: 7°/CA. MINOR PY IN VN., HVY DISSEM. IN WALL	88708	10.0	11.0	1.0	31	0.1	4	131
	ROCK.								
	12.0-12.5: VNLTS. ASSOCT'D WITH CHL. SLIPS 15°/CA	88709	11.0	12.0	1.0	355	2.2	6	57
	13.0-13.3: " " " " 30°/CA								
	13.6-14.2: ABUND. F. VNLTS IN SHATTERED (BUT TIGHT) TUFF	88710	12.0	13.0	1.0	10	0.1	3	18
	ASSOCT'D. WITH POSSIBLY DISSEM. PY. VN. @ 14.2-20°/CA,								
	CONTAINS PY, CCP (MILKY MARGINS). 16.7: VN @ 60°/CA (BROKEN)	88711	13.0	14.0	1.0	265	1.5	6	58
	17.0-17.6: NUMEROUS RANDOMLY ORIENTED VNS/VNLTS								
	(BROKEN CORE) ASSOCT'D WITH CHL. LINED FRACTS @ 30°/CA.	88712	14.0	15.0	1.0	995	6.2	5	51
	17.7: 55°/CA (@ 0.5cms), SL. VUGGY.								
	18.3: RAMIFYING, ENCL. SMALL BX. FRAGS.	88713	15.0	16.0	1.0	52	0.3	2	45
	18.7: 40°/CA (@ 3cms) PY ALONG CONTACTS								
	19.0 & 19.1: 55°/CA (1cm) - ASSOCT'D WITH CHLTC	88714	16.0	17.0	1.0	33	0.1	4	4
	SLIPS (19.1-20.2)								
	20.9-30.3: QTZ VN + PY 'ZONE' - VNS @ 20.9; 21.4-21.5;	88715	17.0	18.0	1.0	12	0.1	6	51
	21.6-22.0 25°/CA INCL. PY, CCP, V.F. PbS								
	22.1-22.2. VNLTS @ 50°/CA.	88716	18.0	19.0	1.0	185	0.9	7	83

DIAMOND DRILL RECORD

PROPERTY SAQIM HOLE NO. 87-1 PH

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(7.00-28.8)	23.4 - 23.8 : V.F. VNLTS IN FINELY FRACT. MOTTLED GREY TUFF	88717	19.0	20.0	1.0	205	1.4	2	67
CONT'D.	WK. F. Py.	88718	20.0	21.0	1.0	495	3.9	10	124
	24.9 - 25.9 : NUMEROUS IRREG. VNLTS. IN TIGHT FRACT. ZONE.	88719	21.0	22.0	1.0	2510	18.1	173	106
	WKLY. DISSEM. F. Py.	88720	22.0	23.0	1.0	475	2.6	6	98
	26.8 : VN. (2cms) TR Py 55°/CA	88721	23.0	24.0	1.0	195	0.9	5	62
	27.0 - 28.8 : NUMEROUS VNLTS. IN TIGHT 'SHATTER ZONE'	88722	24.0	25.0	1.0	250	1.3	3	103
	75°/CA., VNLTS. FRINGED BY Py.	88723	25.0	26.0	1.0	1330	10.4	11	328
	FRACTURES / FAULTS / STRUCTURE	88724	26.0	27.0	1.0	740	5.2	4	174
	20.4 : 3cm. GOUGE / SHATTER ZONE 60°/CA	88725	27.0	28.0	1.0	305	1.8	5	115
	20.5 - 20.7 : SLIP 15°/CA	88726	28.0	29.0	1.0	435	3.0	6	167
	21.5 : FRACT. TIGHT, 80°/CA (DISPLACES VN.)								
	22.7 - 23.0 : SHATTER / FRACT. ZONE, TIGHT.								
	23.0 & 23.3 : 11 SLIPS @ 50°/CA								
	24.9 - 25.9 : TIGHT FRACT. / SUGAR ZONE, Py WKLY.								
	DISSEM. ALONG FRACT. PLANES. 30 - 35°/CA								
28.8 - 31.4	TUFF - DOM. DK. BLUE GREY, MOTTLED BUT								
(2.6M)	TRANSITIONAL WITH PALE GREY / BUFF 'SILICIFIED'								
	TUFF. CONTACTS VAGUE, IRREG. SIL. TUFF								
	GENERALLY MARGINAL TO QTZ. VNS. & FRACTS.								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-1 PS

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Sb ppm	Cu ppm
(28.8-31.4	WHICH FORM IRREG. NETWORK THRO' SECTION. (PALE GREY								
CONT'D	TUFF APPEARS TO BE ALTERED [SILICIFIED, SERI] EQUIV. OF								
	GREY MATERIAL.)								
	QTZ. VN & FRACT. ATTITUDES DOM @ 70°-75°/CA								
	AND 35°/CA.								
	PYRITE WKLY DISSEM. THROUGHOUT, STRONGEST IN SIL.								
	ZONES, & MARGINAL TO QTZ. VNS.								
	MOST PROM. QTZ. VNS @ -								
	29.5 : (40°/CA); 30.1; 30.4; 30.6 (ALL @ ~35°/CA)	88727	29.0	30.0	1.0	19	0.1	2	35
	31.2 (30°/CA).								
	MINOR CHL. ALONG VNS/SLIPS & FRACTS.	88728	30.0	31.0	1.0	43	0.3	3	63
31.4-39.2	TUFF SILICIFIED: SIMILAR TO SECTION (7.0-28.8)	88729	31.0	32.0	1.0	275	1.5	4	119
(7.8m)	ABOVE. HEAVILY FRACTURED, FINELY IN UPPER PART								
	OF SECTION (F. FRACTS @ ~ 5cm. INTERVALS)								
	BUT BECOMING INTENSELY SHATTERED/FRACT. DOWN								
	HOLE. (FROM 33m) CORE BROKEN OVER LOWER 6m								
	OF SECN. QTZ VNS/VNLTS., CHL., RELATED TO								
	FRACTURING.								
	PYRITE (+ occ. CCP + PbS) ERRATICALLY DISSEM								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-1 B

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(31.4-39.2)	THROUGHOUT, HEAVIEST & COARSEST ADJ. TO QTZ VNS.	88730	32.0	33.0	1.0	505	3.2	12	83
CONT'D.	(2-5% Py OVERALL)								
	QTZ VNS + SULPHIDES	88731	33.0	34.0	1.0	350	2.0	3	75
	32.25 : ~ 45°/CA, IRREG., FINE BX'N ALONG VN.								
	WALLS. CRBE. BLEBS Py, TR PBS. TWO GENERATIONS	88732	34.0	35.0	1.0	335	2.3	2	114
	QTZ - GLOSSY & MILKY.								
	32.78-32.80 : 55°/CA F. Py ALONG CONTACTS	88733	35.0	36.0	1.0	440	3.3	2	160
	32.9 : ADJ TO SLIPS @ 32.7 ~ 50°/CA.								
	33.1 : VNLT (1cm) 80°/CA. MINOR Py.	88734	36.0	37.0	1.0	62	0.4	2	46
	34.1 : (3cms) - MULTIPLE ('MILKY & GLOSSY'), F. Py								
		88735	37.0	38.0	1.0	215	1.0	2	100
	36.0-36.9 - TUFF. DK. BLUE GREY, 'UNALTERED'								
	CONTACTS IRREGULAR, TRANSITIONAL.	88736	38.0	39.0	1.0	375	2.0	2	104
	36.9 → END OF SECTION - CORE BROKEN,								
	GROUND.								
	37.9. SLIP 25°/CA								
	38.0. QTZ. VN., (BX'D) 25°/CA								
	38.1. SLIP 35°/CA.								
	CORE RECOVERY 34.0 - 39.2 ~ 46%.								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-1 P7

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
39.2-39.5	ALTERATION ZONE (INTERVAL UNCERTAIN - GROUND	88737	39.0	40.0	1.0	109	0.8	4	60
(0.3m)	CORE) CRSLY XTALLINE QTZO-FELSPATHIC, FINELY								
	FRACT. CHL/SER. DEVELOPED ALONG FRACT PLANES.								
	CONTAINS FINELY & WKLY DISSEM PY.								
	(CORE RECOVERY ~ 50%?)								
39.5-39.7	TUFF SILICIFIED - AS ABOVE - BROKEN								
(0.2m)	FINELY & WKLY PYRITISED								
39.7-41.0	ALTERATION ZONE (AS SEEN 39.2-39.5 ABOVE)	88738	40.0	41.0	1.0	151	1.1	2	44
(1.3m)	PALE GREEN + WHITE, MINOR CHL. ALONG FRACT.								
	PLANES - CONTAINS FRAGS. OF BUFF SILICIFIED								
	TUFF. MINOR FINELY DISSEM PY.								
	(CORE RECOVERY ~ 65%)								
41.0-41.5	FAULT - 10cm. GOUGE ZONE, QTZOSE.	88739	41.0	42.0	1.0	285	1.9	7	33
(0.5m)									
41.5-42.2	TUFF SILICIFIED? - MAROON - RED BROWN.								
(0.7m)	QTZOSE (TIGHTLY BROKEN SMALL QTZ. EYES), FINELY	88740	42.0	43.0	1.0	6	0.1	7	29
	HEMATITISED. HEAVILY & TIGHTLY FRACT., FRACTS. HEALED								
	BY QTZ VNLTS								

DIAMOND DRILL RECORD

PROPERTY SADIE HOLE NO. 87-1 P8

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
42.2-42.7	TUFF 'SILICIFIED', AS ABOVE, FINELY FRACT.,								
(0.5m)	SHEARED - NUMEROUS V. FINE CONTORTED QTZ VNLTS.								
42.7-43.3	TUFF:, MAROON/BUFF. INTENSELY SHEARED & FRACT.								
(0.6m)	FINELY BANDED APPEARANCE								
43.3-51.51	FAULT ZONE: . MAJOR SHEAR/FAULT (BROKEN)	88741	43.0	44.0	1.0	275	2.8	11	63
(8.2m)	DOMINANTLY QTZOSE GREY/WHITE. UPTO 10cms.								
	GOUGE. SECTION INTENSELY SHEARED, INTENSITY	88742	44.0	45.0	1.0	355	4.8	77	20
	INCR. DOWNHOLE UNTIL ROCK BECOMES QTZOSE GOUGE								
	PY FINELY DISSEM. THROUGHOUT, STRONGEST IN UPPER	88743	45.0	46.0	1.0	91	5.9	28	223
	PORTION TO 46.3m - AS IRREG. THIN FILMS ALONG								
	QTZ. FRACS - ELONGATION OF FRACS. IN DIRECTION OF	88744	46.0	47.0	1.0	845	9.5	4.9	106
	SHEARING 15-30°/CA VEIN.								
	44.0 : 5cm. GOUGE ZONE 40°/CA	88745	47.0	48.0	1.0	615	5.6	67	80
	44.8 : SHEARS @ 10°/CA								
	45.4-46.3 - MILKY & GLASSY GREY QTZ., F. WR. PY.	88746	48.0	49.0	1.0	6	0.1	29	29
	46.33-47.85 - GOUGE . QTZOSE., FINELY HYDROTISED								
	47.85-49.1 - TUFF. PALE GREY-BUFF, HIGHLY ALT. SHR'D								
	& FRACT.								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-1 DG

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS									
						Au oz/t	Ag oz/t	Sb %	Cu %						
(33-51.5)	49.1 - 49.7. GOUGE. 'CLAY'. BLACK - GREY	88747	49.0	50.0	1.0	82	1.2	80	57						
CONT'D	49.7 - 51.5 GOUGE. PALE GREY. & FINELY GROUND														
	QTZOSE CORE.	88748	50.0	51.0	1.0	1180	11.9	167	100						
	LAST RUN (1.5'm) LOST IN HOLE														
	CORE RECOVERY ~ 70%														
51.5	HOLE STOPPED - RODS BINDING IN HOLE.														
	(CASING PULLED)														
	OVERALL CORE RECOVERY : 78%														

CLAIM NO. _____

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-2 P.
CORE: NQ

LATITUDE 3+75.5 S ELEVATION _____ BEARING - DEPTH 42.67m STARTED 30.1.87 COMPLETED 1.2.87

DEPARTURE 8+24.9 W SECTION _____ DIP -90° DRILLED BY RAINSON DIAMOND DRILLING LOGGED BY IMW

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
0 - 4.5	CASING								
4.9-5.2	QUARTZ VEIN - (BROKEN, GROUND CORE). MILKY	88749	4.5	4.8	0.3	455	3.5	37	84
(0.3m)	QTZ., RUSTY ALONG FRACTS.								
	F. Py, TRACE CCP, PbS	88750	4.8	6.0	1.2	83	0.7	10	38
	RECOVERY 50%								
		88751	6.0	7.0	1.0	9	0.1	7	29
5.2-9.14	TUFF. SILICIFIED. PALE GREY WHERE FRESH, HEAVILY								
(4.02m)	RUST STAINED ON WEATHERED SURFACES & ALONG FRACTS.	88752	7.0	8.0	1.0	1	0.1	2	15
	F.GR., ABUNDANT SMALL TIGHTLY PACKED QTZ. EYES								
	NUMEROUS F. FRACTS., DOM. @ 50°/CA.	88753	8.0	9.0	1.0	3	0.1	3	19
	QTZ VNS/VNLTS., ASSOC'D WITH FRACTURING								
	SULPHIDES RARE - SMALL XTALS Py ALONG FRACTS.	88754	9.0	10.0	1.0	1	0.1	8	3
	7.62 - 9.14 - POOR CORE RECOVERY -								
	OVERALL RECOVERY ~ 75%								
9.14-15.54	TUFF - DARK PURPLE, F.GR. - INCREASING								
(6.4m)	ALTERATION DOWNHOLE, ESP. FROM 9.6m - SiO_2								
	QS VNS, VNLTS., IRREG. BLEBS, + SER + CLAY + Py								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-2 Pz

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
						Au ppb	Ag ppm	Pb ppm	Cu ppm
(9.14 - 15.54)	QTZ VNS/VNLTS FORM LACEWORK PENETRATING TUFF.	88755	10.0	11.0	1.0	1	0.1	7	3
Cont'd.	WHICH BECOMES PALE BUFF - GREY WITH INCR. ALTN.								
	PYRITE INCREASING TO 5%+ FROM 13.0	88756	11.0	12.0	1.0	185	1.1	5	7
	12.34 : FOLTN. @ 45°/CA								
	15.0 : QTZ. VN. (± 3cm0) - F. DISSEM PY	88757	12.0	13.0	1.0	27	0.1	8	3
	ALONG CONTACTS								
	CORE LOSSES @ 10.97 - 12.34 ~ 0.25m	88758	13.0	14.0	1.0	32	0.1	5	5
	13.72 - 15.54 ~ 1.05m.								
	CORE RECOVERY 80%	88759	14.0	15.0	1.0	650	3.8	7	5
15.54 - 17.50	QUARTZ VEIN DOM., MINOR SILICIFIED TUFF,	88760	15.0	16.0	1.0	475	3.3	4	7
(1.96m)	POOR RECOVERY, GROUND CORE.								
	SOME EVIDENCE OF BANDING IN QTZ. FRAGS. -	88761	16.0	17.0	1.0	830	4.8	6	6
	SPARSE F. PY, TR CCP?								
	CORE RECOVERY ~ 70%	88762	17.0	18.0	1.0	625	4.8	5	19
17.50 - 21.40	FAULT ZONE - DOM. GOUGE CONTAINING ANGULAR	88763	18.0	19.0	1.0	510	3.4	9	19
(3.90m)	GRANULAR QTZ - PALE GREY, DARKENING DOWN								
	HOLE. SPARSE FINE SULPHIDES (PY) THROUGHOUT.								
	17.83 - 18.29 - NO RECOVERY								

DIAMOND DRILL RECORD

PROPERTY Sadim HOLE NO. 87-2 #3

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au oz/t	Ag opm	Pb ppm	Cu ppm
17.50-21.40	19.7 - Gouge becoming calcareous, containing	88764	19.0	20.0	1.0	128	0.7	20	97
(Cont'd)	fragments. Dk. Grey Limestone								
	20.47-21.25 - Gouge Grey, Black Lst., frags.	88765	20.0	21.0	1.0	43	0.3	24	158
	(Lst. Finely Banded)								
	(Core Recovery - 80%)	88766	21.0	22.0	1.0	14	0.9	45	69
21.4-21.8	Limestone Dark Grey, F. Gr., Graphitic.								
(0.4m)	Minor Qtz. Vnlts Core Broken								
	(Recovery 50%)								
21.8-22.25	Fault - Gouge Zone	88767	22.0	23.0	1.0	60	0.4	38	69
(0.45m)									
		88768	23.0	24.0	1.0	16	0.1	15	13
22.25-25.25	Limestone - As (21.4 - 21.8) above. Highly								
(3.0m)	Contorted - Tight Plastic Folding, Interlaminated	88769	24.0	25.0	1.0	20	0.2	12	11
	With Thin Gouge Zones								
	23.85 - Laminae @ 50°/CA	88770	25.0	26.0	1.0	21	0.9	32	53
	Abund. Qtz/Carb. Vnlts., Irreg., Highly Deformed								
		88771	26.0	27.0	1.0	24	0.4	12	65
25.25-26.52	Fault. Gouge - Dk. Grey, Cont. Dk. Lst. Frags.								
(1.27)	(Recovery 85%)								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-2 P4

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
						Au oz/t	Ag oz/t	Pb %	Cu ppm
26.52-27.70	FAULT CLOUDY. PALE GREY. FRACS. PALE BUFF-	88772	27.0	28.0	1.0	1	0.1	3	57
(1.18m)	GREEN VEINS @ LOWER CONTACT								
	RECOVERY 85%								
27.70-33.70	ANDESITE BRECCIA. DK. PURPLE & GREEN MOTTLED	88773	28.0	29.0	1.0	7	0.1	5	40
(6.0m)	CRSE. FRAGMENTAL (FLOW BX?). PURPLE MATERIAL								
	CONTAINS ERRATIC & HEMATITE. EPIDOTE VAR.	88774	29.0	30.0	1.0	6	0.1	4	67
	THROUGHOUT, LOCALLY STRONG eg. 31.0 - 31.4								
	28.9 - 29.55: PALE BUFF ALTERATION ZONE., BX'D	88775	30.0	31.0	1.0	1	0.1	5	88
	& FINELY LACED BY HEALING QTZ VNS/VNLETS.								
	PYRITE FINELY & ERRATICALLY DISSEM.	88776	31.0	32.0	1.0	1	0.1	5	103
	MINOR QTZ/CARB AS VNLETS ALONG FLAT FRACTS								
	(80 - 90°/CA) - ALSO @ 32.4 - 32.5 @ 20°/CA	88777	32.0	33.0	1.0	2	0.1	5	80
	RECOVERY 97%								
		88778	33.0	34.0	1.0	7	0.1	8	96
33.7-36.56	ANDESITE / ANDESITIC TUFF. PALE GREEN GREEN, F.GR,								
(2.86m)	HIGHLY FOLI'D & IRREGULARLY BANDED. CHL./SER/SiO2	88779	34.0	35.0	1.0	25	0.1	5	104
	ALTERATION. FINELY / DENSELY FRACT								
	NUMEROUS CUSPATE SHAPED IRREG QTZ/CARB. VNLETS.	88780	35.0	36.0	1.0	7	0.1	7	75
	FOLI'N / BANDING DOM. @ 45°/CA								

DIAMOND DRILL RECORD

PROPERTY JAZIM HOLE NO. 87-2 PS

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(33.7-36.56)	PYRITE : V. FINELY DISSEM. THROUGHOUT AS V.	88781	36.0	37.0	1.0	1	0.1	13	100
CONT'D	SMALL XTAL CLUSTERS ELONGATED ALONG FOLIA &								
	QTZ VNLTS & BLEBS ~ 5% PY OVERALL								
	UPPER & LR. CONTACTS TRANSITIONAL								
	RECOVERY 95%+	88782	37.0	38.0	1.0	1	0.1	2	102
36.56-42.67	ANDESITE. DK. GREEN, F.GR. FAIRLY UNIFORM,	88783	38.0	39.0	1.0	2	0.1	8	118
(6.11m)	NR. MASSIVE LOCALLY. ALSO TIGHTLY Bx'D LOCALLY (AUTO.								
	Bx?)	88784	39.0	40.0	1.0	1	0.1	10	80
	ABUND. V.F. CARB. VNLTS & IRREG BLEBS, GENERALLY								
	ORIENTED ⊥ / FOLTN	88785	40.0	41.0	1.0	1.3	0.1	7	73
	40.35-40.7. ALTERATION ZONE - BLEACHED &								
	FRACT. - NUMEROUS IRREG. CARB. VNLTS. ALONG FRACTS	88786	41.0	42.67	1.67	1	0.1	12	100
	PYRITE FINELY DISSEM (2-3%) IN ZONE WALL-								
	ROCK.								
42.67	HOLE STOPPED								
	(RODS JAMMING IN FAULT ZONE.*)								
	* HOLE REAMED (TRICONE) & CASED TO 20m IN								
	ATTEMPT TO PREVENT CAVING / SQUEEZING IN FAULT ZONE.								
	CASING PULLED.								

CLAIM NO._____

DIAMOND DRILL RECORD

PROPERTY Sadom HOLE NO. 87-3 D.

CORE: NQ

LATITUDE 4+00 S ELEVATION_____ BEARING — DEPTH 93.6 m STARTED 2.2.87 COMPLETED 5.2.87

DEPARTURE 7+78.6 W SECTION_____ DIP -90° DRILLED BY Ranson Diamond Drilling LOGGED BY INW

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
0 - 3.05	CASING								
3.05-12.4	TUFF: SILICIFIED · DOM. PALE GREEN, F. GR.,								
(9.35m)	QTZ EYE TUFF, HEAVILY HEMATITE STAINED, & HIGHLY								
	BX FINELY FRACTURED, - DOM. FRACT. DIR. 50-55°/CA	88787	3.05	4.0	0.95	1	0.1	7	8
	OCCASIONAL ZONES OF 'UNALTERED' PURPLE GREEN TUFF								
	eg. 3.73-4.0; 5.2-5.4; & 5.7-5.8.	88788	4.0	5.0	1.0	1	0.1	2	74
	PYRITE IRREG. DISSEM THROUGHOUT, FINE. STRONGER								
	FRINGING QTZ VNS/VNLETS.	88789	5.0	6.0	1.0	1	0.1	2	47
	QUARTZ VNS:-								
	7.2 : (0.2 cms)	88790	6.0	7.0	1.0	1	0.1	4	46
	7.7-7.9 : ~ 5°/CA								
	8.4-8.7 : 40°/CA Py IN IRREG. STRINGERS // VN.	88791	7.0	8.0	1.0	82	0.6	9	105
	9.1-9.2 :								
	10.0 : (0.5 cms)	88792	8.0	9.0	1.0	97	0.3	5	83
	10.2-10.3: BX'D 40°/CA								
	11.5-11.6 : BX ZONE CONTAINING F. DK. METALLIC?	88793	9.0	10.0	1.0	99	17.3	4	86
	STRUCTURE - RUSTY NARROW GOUGE ZONES @ 6.9								
	(60°/CA)	88794	10.0	11.0	1.0	1	0.1	4	56

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 D2

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(3.05-12.4)	GOUGE LINED SLIP @ LR. CONTACT 75°/CA.	88795	11.0	12.0	1.0	1	0.1	3	100
CONT'D	RECOVERY 90%								
12.4-14.6	TUFF. PURPLE GREY, WKLY MOTTLED, F.GR.	88796	12.0	13.0	1.0	1	0.1	5	96
(2.2m)	CONTAINS SMALL SCATTERED QTZ. EYES IN V.F.								
	HEMATITIC & CHLORITIC GROUNDMASS	88797	13.0	14.0	1.0	2	0.1	5	75
	FINELY & RANDOMLY FRACT'D.								
	ALTERATION (BLEACHING) ALONG QTZ/CARB HEALED FRACTS	88798	14.0	15.0	1.0	1	0.1	2	67
	4.12.6 : 30°/CA								
	14.35-14.7 : 15°/CA								
	LR. CONTACT (COLOUR CHANGE, INCR. SiO_2) IRREG. @								
	60°/CA								
	RECOVERY 95%								
14.6-40.1	TUFF 'SILICIFIED' - DOM. PALE GREY, F.GR., UPPER								
(25.5m)	5m MOTTLED BK. GREEN ('UNALTERED' ? TUFF) - ALSO 24.4-26.3								
	FINELY FRACTURED, RANDOM TO 40° : 75°/CA								
	PREFERRED FRACTS. GENERALLY QTZ HEALED.								
	SULPHIDES, MAINLY PY, IRREG. DISSEM. THROUGHOUT.								
	BUT UNALTERED ZONES ARE BARREN & STRONGEST CONC.								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 P3

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
						Au ppb	Ag ppm	Pb ppm	Cu ppm
(14.6-40.1)	ARE IN & ADJACENT TO QTZ. VNS / FRACTS.	88799	15.0	16.0	1.0	3620	37.1	1526	150
CONT'D	QUARTZ VEINS / SULPHIDES —	88800	16.0	17.0	1.0	40	0.10	2	59
	15.5-15.85 : QV HVLY DISSEM PY, AV. CCP	88951	17.0	18.0	1.0	1	0.3	8	73
	20.25-20.37 : QV MINOR PY, HVLY DISSEM PY @ FW. CONTACT	88952	18.0	19.0	1.0	1	0.2	6	20
	(30°/CA)	88953	19.0	20.0	1.0	1	0.3	2	65
	20.5 : QV : (0.5 cms) 25°/CA	88954	20.0	21.0	1.0	87	1.1	8	98
	27.5-27.6 : PY, MINOR FINELY DISSEM.	88955	21.0	22.0	1.0	1	1.3	4	48
	28.5-28.6 : QV, 70°/CA, TR. V.F. SULPHIDES	88956	22.0	23.0	1.0	1	0.2	10	30
	30.0 — DOWNHOLE INCREASING PYRITE, V.F., MOD.	88957	23.0	24.0	1.0	1	0.2	2	78
	- HEAVILY DISSEM IN TIGHT ZONES ALONG QTZ VNS/VNLTS	88958	24.0	25.0	1.0	65	0.4	6	52
	31.0 : QV (3 cms) 65°/CA	88959	25.0	26.0	1.0	1	0.1	5	19
	31.5 : QV (2 cms) 50°/CA. - PY MOD. DISSEM	88960	26.0	27.0	1.0	155	1.3	8	445
	30.8-31.4	88961	27.0	28.0	1.0	106	1.0	4	231
	31.9-32.4 : PY. MOD. DISSEM	88962	28.0	29.0	1.0	92	0.4	6	74
	32.2 : QV (1 cm) 40°/CA	88963	29.0	30.0	1.0	19	0.1	2	76
	32.6-32.9 : QTZ VNLTS 55°/CA, PY	88964	30.0	31.0	1.0	1	0.1	4	102
	33.9 : QV 70°/CA PY	88965	31.0	32.0	1.0	350	2.6	10	77
	34.4 : QV 35°/CA PY	88966	32.0	33.0	1.0	155	1.3	5	120
	37.9-38.4 ~ 5-10% PY.	88967	33.0	34.0	1.0	17	0.1	6	54
	38.8-40.1 ~ HEAVILY DISSEM ALONG FRACTS (~30°/CA)	88968	34.0	35.0	1.0	195	1.4	8	126

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 Py

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(14.6-40.1)	STRUCTURE:-	88969	35.0	36.0	1.0	245	1.9	12	92
Cont'd.	16.5-17.0: SLIP 20°/CA	88970	36.0	37.0	1.0	76	0.5	7	46
	18.55-18.70: RUSTY SLIP 15°/CA	88971	37.0	38.0	1.0	41	0.1	6	119
	20.7-21.1 : RUSTY FRACTS. 10°/CA & 30°/CA	88972	38.0	39.0	1.0	465	5.5	40	172
	23.4-23.5 : " " 25°/CA	88973	39.0	40.0	1.0	675	9.1	25	401
	26.5-26.8 : CHL/HEM LINED SLIP 11/CA								
	27.0 : CHL. SLIP 25°/CA								
	31.4-31.9 : RUSTY SLIP ~ 11/CA								
	32.9-33.0 : " " "								
	RECOVERY ~ 90%								
40.1-42.97	QUARTZ VEIN - UPPER CONTACT IRREG. ~ 30°/CA	88974	40.0	43.0	3.0*	3690	31.8	2977	116
(2.87m)	CONTAINS ~ 5% SULPHIDES - Py, CCP & FINE								
	PbS, LATTER AS F. FRACT FILLINGS & NUMEROUS XTAL								
	CLUSTERS. SULPHIDES DIMINISHING OVER LOWER								
	HALF OF SECTION.								
	CORE BROKEN - POOR RECOVERY ~ 47%*								
42.97-44.5	TUFF SILICIFIED - AS ABOVE - HIGHLY ALTERED	88975	43.0	44.0	1.0	665	8.1	124	376
(1.53m)	(SER) - HEAVILY FRACTURED. PYRITE, MINOR PbS								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 PS

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(42.97-44.5)	GRATICALLY DISSEM. THRO' SECTION, MAINLY ASSOC'D								
CONT'D	WITH NUMEROUS QTZ. VNLTS.								
	FOLTN/FRACTS. DOM. @ 35°/CA (44.0)								
	LOWER 0.3 m BROKEN.								
	RECOVERY 80%								
44.5-47.85	FAULT ZONE - HIGHLY SHATTERED, SHEARED &	88976	44.0	45.0	1.0	108	6.8	83	259
(3.35m)	FRACMENTED; DOMINANTLY QUARTZ CUT BY								
	STRONG CHLORITIC/SERICITIC SHEARS & SLIPS. TWO	88977	45.0	46.0	1.0	156	3.3	16	103
	GENERATIONS QTZ. - LATER? 'GLASSY' GREY QTZ.								
	CONTAINS FINELY DISSEM PY.	88978	46.0	48.0	2.0*	49	1.0	24	69
	46.0 SLIP 55°/CA & FAULT SEPARATING								
	QTZOSK ROCK UP-HOLE (FOLTN. 5°/CA) FROM HIGHLY								
	SERICITISED QUARTZ ZONE DOWNHOLE (FOLTN 50°/CA)								
	44.5-46.3: CORE RECOVERY 35%								
	46.3-47.85: " " 19%								
	OVERALL CORE RECOVERY 28% *								
47.85-48.7	NO RECOVERY								
(0.85m)									

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 P6

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm	Zn ppm
48.7-49.1	LIMESTONE - DK. GREY-BLACK, V.F.GR - IN PART	88979	48.0	49.0	1.0	5	0.1	29	16	
(0.4m)	CRUDELY BANDED @ 50°/CA.									
	SPARSELY DISSEM. Py AS MINUTE CUBES									
	LOWER CONTACT @ STRONG SLIP (1cm. GOUGE) @ 70°/CA									
	CORE BROKEN. CORE RECOVERY 50%?									
49.1-49.98	CALCAREOUS GRIT - GREY - BUFF. ELONGATED	88980	49.0	50.0	1.0	2	0.3	13	25	49
(0.88)	SMALL LST? CLASTS PRODUCE COARSE FOLTN @ 50°/CA									
	MINOR SMALL QTZ/CARB? VNLTS., NO OBV. PREFERRED									
	ORIENTATION									
	FRAGS. DARK LST @ LR. CONTACT (67°/CA FOLTN)									
	RECOVERY 90%	88981	50.0	51.0	1.0	1	0.3	7	46	57
49.98-54.55	CALCAREOUS ARGILL / LIMESTONE: PALE GREY, V.F.GR.,	88982	51.0	52.0	1.0	13	0.6	7	51	57
(4.57m)	UNIFORM, NEAR MASSIVE IN PART, BUT GENERALLY									
	WEAKLY FOLT'D., FINELY FRACTURED. MOD-WKLY CALC.	88983	52.0	53.0	1.0	11	0.4	9	60	58
	PYRITE: SPARSE, SMALL XTALS:									
	SCATTERED CARB. VNLTS (FRACTURE HEALING)	88984	53.0	54.0	1.0	9	0.1	7	45	46
	50.9: GOUGE (3cms) @ 60°/CA									
	52.4 & 53.2 FOLTN @ 65°/CA									
	CORE RECOVERY 75%									

DIAMOND DRILL RECORD

PROPERTY SAJIM HOLE NO. 87-3 D1

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm	Zn ppm
54.55-56.3	LIMESTONE - DK - MED GREY, F. GR., FINELY	88985	54.0	55.0	1.0	6	0.1	11	39	46
(1.75m)	BANDED @ 70°/CA									
	PYRITE - V. FINELY & WKLY DISSEM.	88986	55.0	56.0	1.0	20	0.6	13	21	27
	BROKEN CORE. RECOVERY 70%									
		88987	56.0	57.0	1.0	24	0.7	15	53	72
56.3-57.65	FAULT - GOUGE, BLACK, GRAPHITIC, CONTAMINATED									
(1.35m)	FRAGS (TO SEMI) LST. & QTZ., LATTER WITH TR.	88988	57.0	58.0	1.0	10	0.6	14	122	83
	V. F. PY.									
	LOWER CONTACT ALONG SLIP @ 60°/CA									
	BROKEN - RECOVERY 50%									
57.65-60.04	TUFF SILICIFIED? (BROKEN CORE, GROUND)	88989	58.0	59.0	1.0	3	0.2	19	135	80
(2.39m)	PALE GREY, F. GR., HIGHLY FRACT., SHATTERED,									
	WKLY. CALC. MINOR F. PY.	88990	59.0	60.0	1.0	1	0.1	2	195	63
	CORE RECOVERY 25%									
		88991	60.0	61.0	1.0	1	0.5	86	95	76
60.04-60.3	FAULT GOUGE - PALE - DK GREY, SL. CALC.									
(0.26m)										

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 #8

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm	Zn ppm
60.3 - 63.8	TUFF SILICIFIED ? POSSIBLY ALTERED ANDESITIC									
(3.5m)	TUFF. BUFF - GREY MOTTLED, V.F.GR. HIGHLY									
	FRACT. & SHATTERED TO LIGHTLY BXD. LOCALLY									
	SHORT SECTIONS ARE REL. MASSIVE									
	PYRITE MOD. DISSEM THRO'OUT, MAINLY ALONG									
	QTZ VNS/VNLTS & FRACTS.									
	LOCALLY TRANSITIONAL WITH ZONES OF DK. GREEN CHL.	88992	61.0	62.0	1.0	1	0.1	4	78	66
	AND. TUFF. eg. 61.7 - 61.87; 62.05 - 62.5.									
	61.87 - 62.05 - GOUGE ZONE 90°/CA @ LOWER CONTACT.	88993	62.0	63.0	1.0	1	0.1	2	76	55
	(QTZ-ROSE SAND CONT. F. Py.)									
	CORE LOSSES @ 61.26 - 63.09	88994	63.0	64.0	1.0	1	0.1	2	54	61
	OVERALL RECOVERY 85%									
63.8 - 66.4	ANDESITE TUFF - DOM. DK. GREEN, V.F.GR.,	88995	64.0	65.0	1.0	7	0.1	5	79	85
(2.6m)	FINELY FRACT., NUMEROUS CHL/EP LINED SURS -									
	15° - 30°/CA. MINOR QTZ/CARB? HEALING FRACTS.	88996	65.0	66.0	1.0	3	0.1	6	94	89
	NO VIS SULPHIDES									
	RECOVERY 95%									
66.4 - 68.75										

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 Pg

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm	Zn ppm
66.4-68.75	TUFF SILICIFIED (PoSS. ALTERED AND. TUFF)	88997	66.0	67.0	1.0	1	0.1	6	76	74
(2.35m)	DOM. BUFF, V.F.GR., LOCALLY MOTTLED PURPLE-GREEN									
	INCL. NARROW ZONES OF DK. GREEN AND TUFF.	88998	67.0	68.0	1.0	3	0.1	6	74	71
	66.9 - 67.3 - QTZ. HEALED FRACTS @ 40°-60°/CA									
	NARROW (1cm), WKLY PYRITISED	88999	68.0	69.0	1.0	33	0.1	7	87	67
	67.6 - 5cm. GOUGE ZONE 60°/CA									
	RECOVERY 95% +									
68.75-70.15	FAULT GOUGE . GREY-GREEN, INCL. FRACTS.	89000	69.0	70.0	1.0	4	0.8	25	76	285
(1.40m)	BUFF ALT. SER. AND TUFF?									
	UPPER CONTACT SHARP @ 55°/CA									
	MINOR QTZ. AS FRACTS IN LOWER 0.2m									
	GOUGE. SCATTERED V.F. PY XTALS IN GOUGE									
	RECOVERY 85% +									
70.15-76.0	ANDESITE BRECCIA . DOM. DK. GREEN CONT.									
(5.85m)	GREEN & PURPLE FRAGS UP TO 1cm IN TUFFACEOUS	88851	70.0	71.0	1.0	2	0.1	6	98	74
	GROUNDMASS.									
	ABUND. FRACTS. QTZ (CARB?) HEALED, - BLEACHED	88852	71.0	72.0	1.0	3	0.1	6	75	67
	ZONES FRINGING QTZ VNS/FRACTS.									

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 P10

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au oz/t	Ag oz/t	Pb %	Cu %	Zn %
(70.15-76.0)	PYRITE - MAINLY AS F. DISSEMINATIONS FRINGING	88853	72.0	73.0	1.0	10	0.1	10	83	59
CONT'D	QTZ VNS & BLEACHED ALT. ZONES. - EG. @									
	71.3 (70°/CA); 71.5 (75°/CA; 71.62 (55°/CA)	88854	73.0	74.0	1.0	2	0.2	8	110	52
	71.8 - 71.95 - GOUGE ZONE (55°/CA.); 74.4-74.65									
	(55°/CA)	88855	74.0	75.0	1.0	4	0.1	9	109	56
	74.6-74.8 - CHERTY SANDING 47°/CA (SiO_2+Hem)									
	ALSO @ 74.9 (90°/CA)	88856	75.0	76.0	1.0	5	0.2	9	82	52
	FAULT @ LOWER CONTACT									
		88857	76.0	77.0	1.0	1	0.1	7	232	63
76.0-92.1	ANDESITE TUFF: PALE - DARK GREEN, V. FOLIR.									
(16.1m)	TIGHTLY FRACT. THROUGHOUT - NUMEROUS QTZ/CARB	88858	77.0	78.0	1.0	1	0.1	7	134	64
	VNLTS - FRACT. HEALING, USUALLY RAMIFYING, -									
	MORE PROM. VNLTS @ ATTITUDES RANGING FROM 47°	88859	78.0	79.0	1.0	1	0.1	9	93	71
	TO 65°/CA. - BLEACHING AROUND MORE PROM. FRACTS.									
	PYRITE: V. WKLY & FINELY DISSEM., MAINLY	88860	79.0	80.0	1.0	1	0.1	3	107	75
	ASSOC'D WITH VEINING & BLEACHED ALT. ZONES									
	EPIDOTE ZONES {82.95 - 85.5 - F. LACEWORK 86.8 - 88.9	88861	80.0	81.0	1.0	2	0.1	3	102	76
	OF PALE GREEN EP. AS MATRIX OF SHATTER BX & AS									
	IRREG. VNS. & SEGS. - NO VIS SULPHIDES.	88862	81.0	82.0	1.0	1	0.1	5	71	71
	MINOR QTZ VNS (< 1cm.) @ 82.2 (75°/CA);									

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-3 Pit

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm	Zn ppm
(76.0-92.1)	82.85 (35°/CA); 83.7 (20°/CA); 83.9, 84.1 (25°/CA).	88863	82.0	83.0	1.0	3	0.1	4	115	76
CONT'D	76.0: SEM. GOUGE ZONE (40°/CA)	88864	83.0	84.0	1.0	1	0.1	4	138	78
	77.0-77.5: HEM. COATED SLIP (5°/CA).	88865	84.0	85.0	1.0	1	0.2	2	62	83
	87.4 - 88.8. AND. BX., (AS SECTN. 70.15-76.0)	88866	85.0	86.0	1.0	2	0.1	5	85	66
	90.55: IRREG. BANDING (40°/CA) MINOR F. PY.	88867	86.0	87.0	1.0	2	0.1	6	84	62
	RECOVERY - 95% +	88868	87.0	88.0	1.0	1	0.1	4	103	74
		88869	88.0	89.0	1.0	1	0.1	6	86	71
92.1-93.6	ANDESITE BRECCIA - (AS SECTION 70.15-76.0	88870	89.0	90.0	1.0	26	0.1	7	130	57
(1.5m)	ABOVE). MINOR EPIDOTE AS IRREG. LACEWORK	88871	90.0	91.0	1.0	15	0.2	4	94	57
	ALONG FINE FRACTS. FRACTS HEALED BY	88872	91.0	92.0	1.0	2	0.1	4	89	68
	QTZ/CARB. 2cm. @ 45°/CA.	88873	92.0	93.6	1.6	1	0.1	8	92	70
	CORE RECOVERY 95%									
93.6	END OF HOLE									
	CASING PULLED									
	CORE RECOVERY ~ 80%.									

DIAMOND DRILL RECORD

CLAIM NO. _____ PROPERTY SADIM HOLE NO. 87-4 P1
CORE : NQ

LATITUDE 4+50S ELEVATION _____ BEARING - DEPTH 33.5m STARTED 6.2.87 COMPLETED 7.2.87

DEPARTURE 7+75W SECTION _____ DIP -90° DRILLED BY RAINBOW DIAMOND DRILLING LOGGED BY IMW

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
0 - 1.83	OVERBURDEN								
	(CASING TO 3.2)								
		91110	1.63	2.29	0.66	265	2.4	55	90
1.83 - 2.29	QUARTZ VEIN: (BROKEN TO 2.2m) FRACTURED,								
(0.46)	RUSTY ALONG FRACTS @ 45° & 60°/CA								
	NO VISIBLE SULPHIDES								
	CORE RECOVERY 65%								
2.29 - 8.13	TUFF / CALCAREOUS GRIT: HEAVILY OXIDIZED,	91111	2.29	3.0	0.71	104	1.1	13	93
(5.84)	HEMATITIC, TO 6.0m, WHERE FRESH PALE								
	GREY-GREEN, MED. - CRSE. GRAINED, EQUIGRANULAR	91112	3.0	4.0	1.0	124	0.8	7	119
	SEMI-ANGULAR PALE GREY, GREEN, & RARER PURPLE								
	PARTICLES. NARROW ZONES OF CRSE. GRIT -	91113	4.0	5.0	1.0	32	0.2	6	48
	FINE CONG. (PEA SIZE)								
	FINELY SHATTERED, FRACTURED, HEALED BY CARB/QTZ?	91114	5.0	6.0	1.0	37	0.1	6	44
	VNNG., DOM. @ 30°/CA & 70°/CA								
	RARE SULPHIDES, USUALLY AS SMALL ISOLATED XTALS	91115	6.0	7.0	1.0	44	0.7	9	60
	Py. (WATER LOST @ 4.88)								
	RECOVERY 90%	91116	7.0	8.0	1.0	31	0.3	6	71

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-4 P2

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
8.13-9.6	FAULT GOUGE - KHAKI - BUFF TO 8.2, UNDERLAIN	91117	8.0	9.0	1.0	250	2.1	12	61
(1.47m)	BY FRAGMENTED PALE PURPLE CALC. GRIT & GOUGE								
	BROKEN CORE - RECOVERY 55%	91118	9.0	10.0	1.0	2	0.1	6	10
9.6-29.57	CALCAREOUS GRIT: VARIABLE, PALE PURPLE - GREEN-								
(19.97m)	BUFF, 20% GRIT BUT COARSENING LOCALLY AS								
	NARROW BANDS/BEDS F. CONG. eg. 24.5-25.5								
	GENERALLY FINELY FRACTURED, HEALED BY CARB. VNLTS								
	FRACTS. USUALLY RANDOM. OCCASIONAL LARGER								
	CARB/QTZ VNS.								
	PYRITE ABSENT - RARE IN PURPLE ZONES, WEAKLY								
	& ERRATICALLY DISSEM. IN BUFF, FINER GRAINED MATERIAL.								
	STRONGEST ADJ. TO FRACTURING/VEINING - AND IN								
	LOWER PART. OF SECTION FROM 26.0m WHERE								
	UNIT BECOMES BLEACHED, LESS CALC.	91119	10.0	11.0	1.0	1	0.1	11	2
	9.75: GOUGE LINED FRACT. 50°/CA								
	11.7: FRACT (0.5cm. DISPL.) 55°/CA	91120	11.0	12.0	1.0	85	0.7	16	27
	12.1: QTZ. VN. - (4 CMS)								
	PYRITIC 'ZONES':	91121	12.0	13.0	1.0	4	0.1	12	3
	13.4 - 13.8 - F. DISSEM. IN BROKEN, FRACT., SUFT. GRIT								

DIAMOND DRILL RECORD

PROPERTY SAAM HOLE NO. 87-4 P3

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(9.6-29.57)	14.5-14.6 : Py F. DISSEM IN BUFF GRIT	91122	13.0	14.0	1.0	235	1.7	9	63
CONT'D	15.3-16.0 : SERICITIC & F. DISSEM	91123	14.0	15.0	1.0	265	1.7	4	87
	16.4-17.0 : 10% Py IN HIGHLY ALT. COARSE GRIT	91124	15.0	16.0	1.0	125	1.1	8	112
	ADJACENT TO 1cm. GOUGE ZONE @ 16.5	91125	16.0	17.0	1.0	215	1.6	11	63
	19.0-22.0 : ERRATICALLY DISSEM. IN NEAR MASS.	91126	17.0	18.0	1.0	165	1.2	12	71
	PURPLE/MOTTLED GRIT CUT BY CARB. & QTZ VNS	91127	18.0	19.0	1.0	225	1.6	25	39
	INCL. 21.2-21.65 @ 25°/CA	91128	19.0	20.0	1.0	185	1.5	15	20
	27.5-29.57 : WKLY TO MOD. DISSEM Py	91129	20.0	21.0	1.0	98	0.7	13	35
	STRUCTURAL FEATURES	91130	21.0	22.0	1.0	1310	8.7	16	50
	23.95-24.2 - FRACT. ZONE, BREAKS CONTAINING	91131	22.0	23.0	1.0	7	0.1	11	7
	MINOR GOUGE @ 65°/CA IN CHL./SER. ALT. ZONE	91132	23.0	24.0	1.0	1	0.1	11	8
	24.5-25.5 : CRUDE BEDDING 65°/CA -(F.	91133	24.0	25.0	1.0	42	0.3	13	27
	SPECULARITE ALONG SLIP FACES)	91134	25.0	26.0	1.0	67	0.7	11	43
	26.0-27.9 - OPEN FRACTS 50°/CA SURROUNDED	91135	26.0	27.0	1.0	3	0.1	12	14
	BY PALE BUFF-PINK ALTERATION ZONE	91136	27.0	28.0	1.0	112	0.8	10	15
	QUARTZ VNS	91137	28.0	29.0	1.0	560	3.7	14	56
	28.50-28.55 - BROKEN. SPARSE F. Py	91138	29.0	30.0	1.0	76	1.0	53	89
	28.8-28.9 - INCL. 0.5cm BAND F. Py ALONG VN								
	F.W. @ 60°/CA.								
	CORE RECOVERY 95%								

DIAMOND DRILL RECORD

PROPERTY SAMIM HOLE NO. 87-4 Pu

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
29.57-31.3	ALTERATION ZONE - QUARTZ. FELDSPAR. CRSLY	91139	30.0	31.0	1.0	7	0.5	37	27
(1.73m)	XTALLINE (Cf. DDH 87-1 @ 39-42). DOM.								
	GREY SHATTERED QUARTZ 'FRAGS' IN PALE	91140	31.0	32.0	1.0	129	1.0	37	52
	CREAM GREY KAOLINISED? FELDSPAR - COLOUR								
	LIGHTENS DOWN-HOLE. UNIT HAS BEEN								
	SHATTERED/FRACTURED & HEALED (QTZ)								
	PYRITE THROUGHOUT AS SMALL IRREG. CLUSTERS &								
	SHARDS OF V.F. XTALS ~ 5%+								
	CORE RECOVERY 85%								
31.3-33.5	FAULT - GOUGE - PALE. MED GREY. F. QTZ. GRAINS	91141	32.0	33.0	1.0	127	1.2	28	49
(2.2m)	& FRAGS IN HEAVY GREY 'CLAY' (55°/CA)								
	PYRITE FINELY & WKLY DISSEM. THROUGHOUT								
	32.9-33.22. BROKEN CORE - PALE GREY-GREY	91142	33.0	33.5	0.5?	77	1.2	41	37
	GREEN, QTZOSE, SERICITE ALONG FRACTS.								
	33.22-33.5. CLAY & CRSE QTZ SAND, GROUND	91143	CAVE?		?	580	4.5	62	75
	CORE / CAVE?								
33.5	HOLE ABANDONED - RODS JAMMED.								
	CORE BARREL SHEARED OFF, HOLE CAVED	CORE RECOVERY							
	(BARREL ABANDONED, CASING PULLED)								

DIAMOND DRILL RECORD

CLAIM NO. _____ PROPERTY SADIM HOLE NO. 87-5 F1

CORE: NQ

LATITUDE 5+00S ELEVATION _____ BEARING _____ DEPTH 39.9 STARTED 7.2.87 COMPLETED 8.2.87

DEPARTURE 7+48.6 W SECTION _____ DIP -90° DRILLED BY RAINBOW DIAMOND DRILLING LOGGED BY IMW

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm	Zn ppm
0 - 1.82	CASING	88874	1.82	3.0	1.18	1	0.2	6	67	77
1.82 - 10.0	GRIT - VOLCANIC, PALE PURPLE, RANGES	88875	3.0	4.0	1.0	61	0.5	10	65	39
(8.18m)	FROM F. GR. 'WACKE' TO COBBLE GRIT &	88876	4.0	5.0	1.0	51	0.4	7	57	57
	F. CONG. GRIT CONTAINS CLOSELY PACKED	88877	5.0	6.0	1.0	7	0.1	5	54	71
	ROUNDED TO SUB-ANGULAR POLYLITHIC VOLC.	88878	6.0	7.0	1.0	5	0.1	7	21	60
	CLASTS - PURPLE, ALSO GREY, GREEN, BROWN.	88879	7.0	8.0	1.0	2	0.3	8	146	82
	(RESERVES GRIT/CONG. BANDS EXPOSED @ E.	88880	8.0	9.0	1.0	52	0.7	4	82	65
	END OF TRENCHES 6 & 7) CRUDE BEDS 45°/CA.	88881	9.0	10.0	1.0	98	1.0	5	80	46
	NUMEROUS QTZ. VNS/VNLETS (~10/metre) -	88882	10.0	11.0	1.0	1	0.2	2	14	40
	ESPECIALLY ABUND. IN ZONES OF ALTERATION/									
	BLEACHING.									
	PYRITE PATCHILY DISTRIBUTED IN THESE NARROW									
	ALTERATION ZONES. eg. 2.7-3.2; 3.6; 3.9;									
	5.6-5.7; 7.0-7.3; 8.9-9.0; 9.2; 9.5-9.6.									
	SECTION HEAVILY HEMATITISED, PARTIC. ALONG									
	FRACTS. @ 20-75°/CA									
	10.0 - 10.04 FAULT GOUGE ~60°/CA.									
	RECOVERY 90%+.									

DIAMOND DRILL RECORD

PROPERTY SAOIM HOLE NO. 87-5 P2

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS								
						Cu ppm	Ag ppm	Pb ppm	Zn ppm	Zn ppm				
10.0-26.9	GRIT / WACKE - VOLCANIC. AS ABOVE BUT	88885	11.0	12.0	1.0	1	0.2	2	14	30				
(16.9m)	FRESH, NOT OXIDISED. OCCASIONAL NARROW	88886	12.0	13.0	1.0	2	0.1	6	8	32				
	LONG. SANDS. CRUDELY BEDDED ~45°/CA.	88885	13.0	14.0	1.0	1	0.2	2	61	30				
	WITH ELONGATED CLASTS (UP TO 2CMS).	88886	14.0	15.0	1.0	1	0.1	4	2	27				
	ABUNDANTLY FRACTURED, HEALED BY NARROW	88887	15.0	16.0	1.0	1	0.1	8	3	33				
	CARB / QTZ VNLTS.	88888	16.0	17.0	1.0	3	0.1	10	2	23				
	15.9 - 16.0 - FRACT., GOUGE 35°/CA	88889	17.0	18.0	1.0	1	0.1	3	1	26				
	16.0 - 16.7 - SHEARING 35°/CA & 11/CA	88890	18.0	19.0	1.0	1	0.1	11	3	42				
	18.5 - 18.55 - GOUGE 65°/CA	88891	19.0	20.0	1.0	23	0.1	8	49	32				
	19.0 - CRUDE BANDING 60°/CA	88892	20.0	21.0	1.0	2	0.1	10	20	25				
	19.2 - 3cm. GOUGE 25°/CA	88893	21.0	22.0	1.0	3	0.1	8	6	40				
	21.9 - END OF SECTN.: INCR. FRACTS @ 25° & 10°/CA	88894	22.0	23.0	1.0	2	0.1	11	7	30				
	23.2 - 23.5 - GOUGE	88895	23.0	24.0	1.0	12	0.2	11	7	45				
	24.3 - 24.4 - GOUGE	88896	24.0	25.0	1.0	1	0.1	12	3	42				
	CORE RECOVERY 85%	88897	25.0	26.0	1.0	2	0.1	6	3	45				
		88898	26.0	27.0	1.0	1	0.1	12	4	44				
26.9-30.0	ALTERATION ZONE: PALE BUFF - PALE GREEN	88899	27.0	28.0	1.0	54	0.6	11	595	73				
(3.1m)	TUFF?, FINELY FRACT & SCATTERED HEALED BY	88900	28.0	29.0	1.0	28	0.2	4	54	81				
	QTZ VNLTS.; FRACTS. DOM @ 60°/CA.	91101	29.0	30.0	1.0	7	0.2	9	4	-				
	PYRITE - V. FINE, V. SPARSELY DISSEM. LOCALLY													

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-5 P3.

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
(26.9-30.0)	29.0 : QTZ VN (2cm) 55°/CA, HEM. FLECKED.								
CONT'D	29.7-30.0 - Py., V.F., WKLY DISSEM. INCL.								
	29.87 - NARROW ? GOUGE - IN BROKEN CORE								
	RECOVERY 90%								
30.0-32.0	FAULT. GREY GOUGE - FRAGS. GREY-DK. GREY	91102	30.0	32.0	2.0	30	0.4	29	49
(2.0m)	QTZOSE MATERIAL								
	PYRITE. FINELY DISSEM. ~ 10%								
	POOR RECOVERY ~ 25%								
32.0-39.93	'QUARTZ-MYLONITE' ZONE - NARROW LAMINAE	91103	32.0	33.0	1.0	50	0.8	24	287
(7.93m)	PALE & DK. GREY QTZ. - HIGHLY SHEARED, FRACT.,	91104	33.0	34.0	1.0	24	0.5	10	153
	SERICITE ALONG F. PARTINGS - LAMINATIONS/SHRX	91105	34.0	35.0	1.0	58	0.4	11	108
	@ 15-20°/CA LOCALLY BUCKLED, HIGHLY CONTORTED	91106	35.0	36.0	1.0	15	0.3	13	71
	PYRITE. FINELY DISSEM. THROUGHOUT, BUT MAINLY	91107	36.0	37.0	1.0	19	2.0	98	157
	AS F. PARTINGS ALONG DARKER QTZ. ZONES. -	91108	37.0	38.0	1.0	18	0.5	21	53
	eg. @ 34.3-34.5; 35.2-37.0;	91109	38.0	39.9	1.9	26	0.5	11	49
	TR. PbS LOCALLY IN DARKER ZONES								
	33.0-36.5; 37.0; 37.5-39.0 — GOUGE ZONE								
	RECOVERY 70%		OVERALL RECOVERY				80%+		
39.93	HOLE STOPPED - ROCKS 'JAMMING'								

DIAMOND DRILL RECORD

CLAIM NO. _____ PROPERTY SADIM HOLE NO. 87-6

CORE: NQ

LATITUDE 3+00S ELEVATION _____ BEARING — DEPTH 30.8 STARTED 8.2.87 COMPLETED 11.2.87

DEPARTURE 7+67W SECTION _____ DIP -90° DRILLED BY RAINBOW DIAMOND DRILLING LOGGED BY INW

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Cu ppm	Zn ppm
0 - 3.0S	CASING								
(3.05m)	OVERBURDEN CONTAINS ABUND RUSTY SOIL/MUD								
3.05 - 8.90	VOLC. BX/TUFF - PURPLE GREY, CALC., CRUDELY	91144	3.4	4.5	1.1	32	0.1	11	81
(5.85m)	LAYERED. INCL. CASE BANDS CONTAINING ANGULAR	91145	4.5	5.5	1.0	1	0.2	6	45
	TO SUB-ANGULAR VOLC. & MINOR CALC. FRAGS.	91146	5.5	6.5	1.0	1	0.1	6	43
	NUMEROUS CARB. VNS/VNLTS. HEALING FRACTS -	91147	6.5	7.5	1.0	3	0.1	3	31
	RAMIFYING BT. DOM. @ 50-70°/CA.	91148	7.5	8.5	1.0	2	0.1	6	27
	RUSTY OXIDATION/WEATHERING TO 4.0m.								
	6.5. RUSTY SLIP 30°/CA.								
	RECOVERY 95%								
9.7 - 10.9	FAULT ZONE. GREY & RUSTY GOUGE, CONTAINING	91149	8.5	9.5	1.0	1	0.2	3	54
(1.2m)	PURPLE TUFF + QTZ. FRAGS. - TUFF CONTAINS	91150	9.5	10.5	1.0	1	0.3	11	75
	OCCASIONAL SHEAR PY CUBES								
	RECOVERY 60%								
10.9 - 11.6	ALTERATION ZONE - INTENSELY ALT. TUFFS/GRITS?	91151	10.5	11.5	1.0	1	0.1	11	19
(0.7m)	DOM. WHITE - PALE GREY - PINK SILICA, MINOR CARB.								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-6 P2

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au ppb	Ag ppm	Pb ppm	Cu ppm
	RUSTY SERICITIC SLIPS @ 35°/CA								
	NO VIS SULPHIDES								
	RECOVERY 90%								
11.6-12.4	BRECCIA/TUFF - ANDESITIC SIM. TO SKTN.,	91152	11.5	12.5	1.0	1	0.2	5	29
(0.8m)	RUBBLE, CALC, BUT CONTAINING LARGE ELONG.								
	CLASTS GREY CARB/LST. RUSTY, FRACT. &								
	BROKEN.								
	FRACTS @ 30°/CA.								
	TRANSITIONAL CONTACT WITH U/LYING UNIT.								
	RECOVERY 90%								
12.4-14.93	BRECCIA/TUFF CALC., GREEN - SIM TO ABOVE	91153	12.5	13.5	1.0	1	0.1	7	63
(2.53m)	INCR. LST. CONTENT INCL. NARROW IRREG.								
	BANDS PALE GRY LST.	91154	13.5	14.5	1.0	1	0.2	7	104
	BANDING/BEDS 45°/CA.								
	14.4 - 14.5 - GRIT BAND WITH SMALL RUBBLE								
	CLASTS.								
	RECOVERY 95%								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-6 P3

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS									
						Au gpt	Ag gpm	Pb ppm	Cu ppm						
14.93-18.4	TUFF/BRECCIA, PURPLE CALC. SIM. TO ABOVE,	91155	14.5	15.5	1.0	1	0.1	5	47						
(3.47m)	BUT FINER GRAINED. CONTAINING MINOR														
	TUFF & SX. BANDS.	91156	15.5	16.5	1.0	10	0.1	8	25						
	CARB/QTZ. VNLTS ALONG FRACTS (3-4/METH)														
	@ ~ 40°/CA	91159	16.5	17.5	1.0	285	1.6	13	15						
	MINOR ALTN'N/BLEACHING AROUND FRACTS.														
	16.5 1cm. QTZ VN FLANKED BY 0.2m Py ZONE	91158	17.5	18.5	1.0	19	0.1	7	29						
	(Py ~ 10%)														
	RECOVERY 95%														
18.4-28.7	TUFF. PALE BUFF, CALC., F. GR., WKLY-MOD.	91159	18.5	19.5	1.0	120	0.8	10	20						
(10.3m)	PYRITISED. (POSS. ALT. EQUIV OF PURPLE TUFFS) -														
	- CONTAINS NARROW ZONES PURPLE TUFF WITH	91160	19.5	20.5	1.0	46	0.3	7	13						
	TRANSITIONAL CONTACTS eg 19.5-20.1; 20.8-21.8;														
	CARB. CONTENT DIMINISHING DOWN HOLE FROM 19.0	91161	20.5	21.5	1.0	2	0.1	8	8						
	TUFF ≡ SILICIFIED TUFF WITH DEPTH?														
	PYRITE THROUGHOUT BUFF ALT. ZONES, HEAVIEST	91162	21.5	22.5	1.0	1630	15.0	1064	328						
	SURROUNDING VNS & FRACTS.														
	QUARTZ VNS	91163	22.5	23.5	1.0	505	3.7	27	41						
	22.0-22.3 - BROKEN ~ 2-3% SULPHIDES - CCP, Py, PbS														

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-6 Pu

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS Au oz/t	Ag oz/t	Pb %	Cu %
(18.4-20.7)	24.4 - 24.6 : ~5% CCP, PbS, Py. ; BROKEN	91164	23.5	24.5	1.0	965	8.0	47	101
Cont'd	(VN. PROB @ LOW ∠ / CA.)								
	25.15 - 25.4 : HIGHLY SHATTERED, VUGGY/POROUS	91165	24.5	25.5	1.0	2530	22.3	298	295
	F. CCP, Py, PbS ~ 1% NR. MIDDLE OF VN. 70°/CA								
	25.7 - 26.35. FRACT. - HEAVILY DISSEM PbS, CCP,	91166	25.5	26.5	1.0	19,800	159.1	2552	169
	Py ~ 15 - 20% SULPHIDES. BROKEN.								
	45°/CA ? (ATTITUDE NOT PRESERVED)	91167	26.5	27.5	1.0	1750	12.9	39	62
	26.5 : (2cms) · CCP, Py.								
	26.9 - 27.45 - CLOSELY SPACED QTZ. VNLTS 50°/CA	91168	27.5	28.5	1.0	505	3.4	3	211
	WK. Py, CCP (~ 1-2% SULPHIDES)								
	27.15 - 27.35 : SHATTERED, SPARSE V.F. Py + PbS	91169	28.5	29.5	1.0	445	2.0	7	48
	FOLTD. @ 25°/CA.								
	27.5 - TRANSITIONAL CONTACT → PURPLE GREY								
	TUFF, CHL. ALONG FRACTS ~ 25°/CA.								
	RECOVERY 85%								
28.7-29.87	TUFF. DK. GREY GREEN, F.GR., ANDY	91170	29.5	30.78	1.28	3960	28.4	403	50
(1.17m)	BUFF SILICIFIED. BROKEN CORE, POOR. F. Py								
	RECOVERY ~ 60%								

DIAMOND DRILL RECORD

PROPERTY SADIM HOLE NO. 87-6 P5.

DEPTH	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS		
29.87-30.48	QUARTZ VEIN - GROUND CORE - MOD - HEAVILY							
(0.61m)	DISSEM PYS, Py, CLP.							
	CORE RECOVERY 40%							
30.48-30.78	TUFF? - PALE BUFF, FINELY XNO, MINOR Py							
(0.3m)	MAY BE CAVE							
	RECOVERY 20%							
30.78	HOLE STOPPED - RODS JAMMING							
	OVERALL RECOVERY 85 - 90%.							

APPENDIX B

GEOCHEMICAL ANALYTICAL REPORTS

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

DATE RECEIVED: SEPT 29 1986

DATE REPORT MAILED: Oct. 8/86...

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: D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M. WATSON & ASSOCIATES FILE # 86-2930 PAGE 1

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
2129	84	11.4	1290
2130	66	7.7	850
2131	29	6.8	820
2132	7	1.6	225
2133	6	1.3	185
2134	8	.4	52
2135	1105	26.6	2940
2136	16	5.7	810
2137	27	8.6	1310
2138	21	1.0	165
2147	132	13.2	2350
2148	29	2.7	310
2149	32	8.7	1090
2150	31	7.6	930
016101	2191	16.0	1790
STD C/AU-R	41	7.1	510

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

DATE RECEIVED: OCT 4 1986

DATE REPORT MAILED: Oct. 10/86

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: ..D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M.WATSON PROJECT-SADIM FILE# 86-3055

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
2107	41	6.0	680
2108	13	12.5	1250
2109	82	2.5	220
2110	123	8.7	875
2111	15	.4	24
2112	24	1.5	127
2113	10	.4	24
2114	13	1.7	210
2115	27	28.1	3450
2116	7	2.1	305
2117	8	.3	38
2118	6	.3	31
2119	19	14.0	1510
2120	8	1.2	85
2121	8	4.9	730
2122	5	20.0	39
2123	3	.9	93
2124	7	4.7	665
2125	4	.1	10
2126	4	.3	13
2127	7	.3	2
2128	8	.6	6
2139	13	.2	12
2140	17	.1	19
2141	11	.3	36
3601	11	.8	110
3602	37	1.4	195
3603	39	22.5	2700
3604	9	.6	61
3605	17	13.3	1810
3606	109	15.6	1860
3607	7	.3	22
3608	22	7.8	1030
3609	1990	56.2	6470
3610	1269	11.4	1130
3611	19	2.7	360
STD C/AU-R	38	6.7	510

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
3612	83	3.8	450
3613	51	15.9	2080
3614	6	6.9	1090
3615	18	6.6	1060
3616	2927	56.4	6390
3617	21	14.6	2190
3618	65	18.7	2180
3619	29	3.8	550
3620	1566	31.4	3450
3621	175	14.3	2060
3622	1468	41.2	4590
3623	40	5.4	810
3624	647	25.0	3110
3625	4	4.4	1060
3626	8	1.3	240
3627	15	2.3	460
3628	121	6.9	950
3629	344	18.2	2100
3630	141	8.1	1090
3631	40	10.8	2100
3632	9	6.5	920
3693	7	13.2	1850
3694	55	14.6	1600
3695	6	10.3	1620
3696	57	23.4	2960
3697	16	6.5	850
3698	5	1.3	190
3699	3	13.8	1610
3700	82	25.0	3200
3751	6	3.2	390
3752	8	5.5	930
3753	22	9.7	1380
3754	3	6.8	930
3755	2	2.9	420
3756	7	.9	93
3757	8	9.8	1490
STD C/AU-R	37	6.8	505

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
3758	2	2.2	215
3759	6	2.0	270
3760	26	4.7	490

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

DATE RECEIVED: OCT 4 1986

DATE REPORT MAILED: Oct 16/86

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: D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M. WATSON PROJECT-SADIM FILE# 86-3057

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
2142	8	2.2	290
2143	10	.2	14
2144	10	.5	36
2145	51	7.0	720
2146	120	2.7	260
3651	12	.5	35
3652	4	.2	1
3653	7	.2	9
3654	7	.2	5
3655	7	.2	9
3656	10	9.6	1310
3657	5	.8	160
3658	2	.2	16
3659	29	8.9	1160
3660	7	.5	15
3661	9	2.0	290
3662	9	.3	14
3663	11	.2	4
3664	11	.6	25
3665	8	.2	12
3666	11	.3	8
3667	8	.5	44
3668	13	2.9	380
3669	1001	19.3	2350
3670	414	14.9	1550
3671	168	9.3	1080
3672	17	1.0	123
3673	13	.5	45
3674	11	.3	14
3675	19	1.0	95
3676	21	1.9	240
3677	15	.2	12
STD C/AU-R	39	7.2	490

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
3678	15	.4	12
3679	20	.7	10
3680	25	1.2	93
3681	4	.1	2
3682	3	.1	1
3683	3	1.0	13
3684	3	.7	2
3685	2	.2	1
3686	5	.3	3
3687	4	.5	4
3688	11	.5	7
3689	9	.2	6
3690	10	.1	8
3691	9	.2	12
3692	10	.3	17
16102	18	9.5	1150
16103	30	2.7	290
16104	49	8.1	1150
16105	114	16.9	2250
16106	1472	34.3	4350
16107	12	1.2	106
16108	20	1.4	67
16109	11	3.2	950
16110	4	.3	21
16111	7	.3	5
16112	7	1.7	215
16113	9	.2	4
16114	8	.6	31
16115	10	.3	8
16116	8	1.3	112
16117	9	.2	9
16118	18	1.4	86
16119	8	.2	16
16120	5	.3	6
16121	7	.2	4
16122	6	.5	42
STD C/AU-R	38	7.0	520

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
16123	335	10.1	1180
16124	271	9.2	1240
16125	10	.9	106
16126	10	.5	57
16127	224	10.1	1450
16128	450	17.0	2080
16129	7	.5	118
16130	44	2.7	290
16131	7	5.7	840
16132	14	3.6	480
16133	7	.2	32
16134	9	.5	26
16135	6	1.5	210
16136	4	.5	56
16137	12	2.7	340
16138	14	1.5	159
16139	36	8.1	1150
16140	9	4.5	680
16141	9	4.4	630
16142	11	8.3	1300
16143	15	3.8	405
16144	11	1.8	160
16145	10	1.9	350
16146	6	.4	50
16147	10	3.3	540
16148	12	4.9	860
16149	7	6.8	1250
16150	5	2.1	149
STD C/AU-R	40	6.9	480

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

DATE RECEIVED: DEC 3 1986

DATE REPORT MAILED: Dec 8/86....

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 -80MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M. WATSON & ASSOCIATES FILE # 86-3894

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
TR#2 12W 0.5-1.5	22	.7	30
TR#2 12W 1.5-2.5	18	.9	84
TR#2 12W 2.5-3.0	11	1.3	290
TR#2 12W 3.0-3.25	24	5.3	445
TR#2 12E 0-0.5	35	1.4	149
TR#2 11W 0-1	15	1.9	106
TR#2 11W 1-1.5	26	2.6	119
TR#2 11W 1.5-1.75	6	.3	99

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

DATE RECEIVED: DEC 23 1986

DATE REPORT MAILED: Jan.13/87...

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: D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M. WATSON PROJECT-SADIM FILE# 86-4071 PAGE 1

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
2421	8	.1	22
2422	15	.3	25
2423	47	3.0	380
2424	145	4.7	845
2425	23	3.3	520
2426	22	5.0	680
2427	25	2.7	410
2428	9	2.9	495
2429	177	7.0	960
2430	12	2.3	350
2431	7	.6	49
2432	9	.3	18
2433	7	.7	66
2434	3	.2	42
2435	8	.2	29
2436	9	.1	9
2437	8	.1	6
2438	12	.1	10
2439	5	.1	14
2440	6	.1	7
2441	6	.1	11
2442	6	.1	8
2443	4	.5	48
2444	10	.3	16
2445	9	.3	34
2446	8	.1	12
2447	8	.3	19
2448	11	.2	9
2449	9	.4	25
2450	12	.2	10
2507	17	1.2	22
2508	41	7.5	435
2509	9	2.2	320
2510	12	1.5	180
2511	7	.1	27
2512	7	2.3	510
STD C/AU-R	39	6.9	530

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
2513	8	2.8	320
2514	6	.2	7
2515	7	.2	6
2516	5	.2	3
2517	6	.1	4
2518	5	.2	5
2519	9	.4	75
2520	11	.1	10
2521	9	8.0	1430
2522	11	25.9	144
2523	2377	76.7	9140
2524	18	.2	17
2525	44	.6	36
2526	39	.4	15
2527	21	.3	3
2528	10	.1	56
2529	10	.1	2
2530	14	.2	4
2531	12	.2	18
2532	10	.1	1
2533	9	.1	1
2534	6	1.2	140
2535	59	16.8	1820
2536	5	.3	29
2537	5	.6	46
2538	5	.1	9
2539	5	.1	15
2540	7	.1	1
2541	5	.2	2
2542	8	.1	1
2543	7	.1	1
2544	7	.1	1
2545	4	.4	41
2546	8	.5	12
2547	3	.2	1
2548	127	40.4	4310
STD C/AU-R	38	7.0	480

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
2549	128	61.7	7110
3633	9	1.7	195
3634	12	3.8	565
3635	8	2.3	270
3636	4	1.2	190
3637	5	.3	24
3638	9	2.2	245
3639	6	.9	142
3640	6	1.2	133
3641	7	1.7	335
3642	3	1.3	119
3643	7	2.0	195
3644	4	.7	81
3645	8	.9	62
3646	3	.8	165
3647	7	1.9	255
3648	6	1.5	235
3649	5	.9	152
3761	4	.1	4
3762	7	.1	6
3763	6	.1	10
3764	8	.1	2
3765	8	.1	1
3766	5	.1	1
3767	6	.1	2
3768	9	.2	2
3769	44	.2	5
3770	43	.3	3
3771	7	.2	2
3772	7	.4	7
3773	9	.2	43
3774	6	.1	6
3775	4	.1	1
3776	6	.1	2
3777	6	.1	1
3778	10	.1	10
STD C/AU-R	38	6.9	505

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
3779	4	.2	3
3780	8	.1	2
3781	4	.3	18
3782	4	.1	1
3783	2	.1	1
3784	4	.1	14
3785	2	.1	7
3786	5	.1	13
3787	9	.3	12
3788	104	18.2	2410
3789	4	2.0	390
3790	8	1.1	155
3791	5	.1	4
3792	4	.1	1
3793	6	.6	92
3794	567	50.8	5560
3795	21	5.1	780
3796	7	2.4	480
3797	931	62.9	7830
3798	12	17.2	3080
3799	8	5.2	1100
4005	9	.6	72
4006	2	2.0	330
4007	8	4.3	610
4008	2	1.3	280
4009	7	.9	65
4010	4	.1	10
4011	4	.1	1
4012	2	.1	3
4013	9	.1	4
4014	6	.1	6
4015	28	6.6	1160
4016	8	2.9	390
4017	10	1.3	152
4018	6	.3	23
4019	5	.2	8
STD C/AU-R	37	6.8	530

SAMPLE#	Pb PPM	Ag PPM	Au* PPB
4020	2	.4	8
4021	2	.2	6
4022	4	.1	16
4023	5	.2	2
4024	4	.3	3
4025	2	.3	14
4026	4	2.9	400
4027	9	1.9	240
4028	8	.5	21
4029	5	.5	13
4030	6	.4	19
4031	5	.5	8
4032	3	.4	60
4033	5	.5	71
4034	3	.1	2
4035	2	.1	28
4036	3	.2	1
4037	2	.2	3
4038	2	.1	1
4039	4	.1	12
4040	2	.4	1
4041	5	.2	8
4042	3	.1	1
4043	3	.1	3
4044	3	.3	2
4045	5	.1	7
4046	2	.2	1
4047	5	.2	6
4048	4	.1	27
4049	4	.1	1
4050	5	.1	1
STD C/AU-R	37	6.9	510

___ Assay required for correct result for Ag > 34 PPM

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

DATE RECEIVED: FEB 3 1987

DATE REPORT MAILED: Feb. 6/87

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: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M. WATSON ASSOCIATES PROJECT-SADIM FILE # 87-0230 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	Au* PPB
088701	76	12	.8	105
088702	75	5	.1	11
088703	88	13	1.6	165
088704	205	350	7.9	890
088705	76	5	1.7	295
088706	108	7	3.1	445
088707	76	26	23.6	3260
088708	131	4	.1	31
088709	57	6	2.2	355
088710	18	3	.1	10
088711	58	6	1.5	265
088712	51	5	6.2	995
088713	45	2	.3	52
088714	41	4	.1	33
088715	51	6	.1	12
088716	83	7	.9	185
088717	67	2	1.4	205
088718	124	10	3.9	495
088719	106	173	18.1	2510
088720	98	6	2.6	475
088721	62	5	.9	195
088722	103	3	1.3	250
088723	328	11	10.4	1330
088724	174	4	5.2	740
088725	115	5	1.8	305
088726	167	6	3.0	435
088727	35	2	.1	19
088728	63	3	.3	43
088729	119	4	1.5	275
088730	83	12	3.2	505
088731	75	3	2.0	350
088732	114	2	2.3	335
088733	160	2	3.3	440
088734	46	2	.4	62
088735	100	2	1.0	215
088736	104	2	2.0	375
STD C/AU-R	61	41	6.9	490

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	Au* PPB
088737	60	4	.8	109
088738	44	2	1.1	151
088739	33	7	1.9	285
088740	29	7	.1	6
088741	63	11	2.8	275
088742	20	77	4.8	355
088743	223	28	5.9	91
088744	106	49	9.5	845
088745	80	67	5.6	615
088746	29	29	.1	6
088747	57	80	1.2	82
088748	100	167	11.9	1180
088749	84	37	3.5	455
088750	38	10	.7	83
088751	29	7	.1	9
088752	15	2	.1	1
088753	19	3	.1	3
088754	3	8	.1	1
088755	3	7	.1	1
088756	7	5	1.1	185
088757	3	8	.1	27
088758	5	5	.1	32
088759	5	7	3.8	650
088760	7	4	3.3	475
088761	6	6	4.8	830
088762	19	5	4.8	625
088763	19	9	3.4	510
088764	97	20	.7	128
STD C/AU-R	60	41	6.8	485

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

DATE RECEIVED: FEB 11 1987

DATE REPORT MAILED: Feb 13/87

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: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: D. TOYE. DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M. WATSON PROJECT-SADIM FILE# 87-0290 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	Au* PPB
088765	158	24	.3	43
088766	69	45	.9	14
088767	69	38	.4	60
088768	13	15	.1	16
088769	11	12	.2	20
088770	53	32	.9	21
088771	67	12	.4	24
088772	57	3	.1	1
088773	40	5	.1	7
088774	67	4	.1	6
088775	88	5	.1	1
088776	103	5	.1	1
088777	80	5	.1	2
088778	96	8	.1	7
088779	104	5	.1	25
088780	75	7	.1	7
088781	100	13	.1	1
088782	102	2	.1	1
088783	118	8	.1	2
088784	80	10	.1	1
088785	73	7	.1	13
088786	100	12	.1	1
088787	8	7	.1	1
088788	74	2	.1	1
088789	47	2	.1	1
088790	46	4	.1	1
088791	105	9	.6	82
088792	83	5	.3	97
088793	86	4	17.3	99
088794	50	4	.1	1
088795	100	3	.1	1
088796	96	5	.1	1
088797	75	5	.1	2
088798	67	2	.1	1
088799	150	1526	37.1	3620
088800	59	2	.1	40
STD C/AU-R	59	38	7.0	490

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	Au* PPB
088951	73	8	.3	1
088952	20	6	.2	1
088953	65	2	.3	1
088954	98	8	1.1	87
088955	48	4	.3	1
088956	30	10	.2	1
088957	78	2	.2	1
088958	52	6	.4	65
088959	19	5	.1	1
088960	445	8	1.3	155
088961	231	4	1.0	106
088962	74	6	.4	92
088963	76	2	.1	19
088964	102	4	.1	1
088965	77	10	2.6	350
088966	120	5	1.3	155
088967	54	6	.1	17
088968	126	8	1.4	195
088969	92	12	1.9	245
088970	46	7	.5	76
088971	119	6	.1	41
088972	172	40	5.5	465
088973	401	25	9.1	675
088974	116	2977	31.8	3690 -
088975	376	124	8.1	665
088976	259	83	6.8	108
088977	103	16	3.3	156
088978	69	24	1.0	49
088979	16	29	.1	5
STD C/AU-R	60	40	7.0	515

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

DATE RECEIVED: FEB 12 1987

DATE REPORT MAILED: Feb. 17/87...

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: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: ..D. Toye..... DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M. WATSON PROJECT - SADIM 87 FILE # 87-0323 PAGE 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Au* PPB
088851	98	6	74	2
088852	75	6	67	3
088853	83	10	59	10
088854	110	8	52	2
088855	109	9	56	4
088856	82	9	52	5
088857	232	7	63	1
088858	139	7	64	1
088859	93	9	71	1
088860	107	3	75	1
088861	102	3	76	2
088862	101	5	71	1
088863	115	4	76	3
088864	138	4	78	1
088865	62	2	83	1
088866	85	5	66	2
088867	84	6	62	2
088868	103	4	77	1
088869	86	6	71	1
088870	130	7	57	26
088871	94	4	57	15
088872	89	4	68	2
088873	92	8	70	1
088874	67	6	77	1
088875	65	10	39	61
088876	57	7	57	51
088877	54	5	71	7
088878	21	7	60	5
088879	146	8	82	2
088880	82	4	65	52
088881	80	5	46	98
088882	19	5	40	1
088883	14	2	30	1
088884	8	6	32	2
088885	61	2	30	1
088886	2	4	27	1
STD C/AU-R	60	39	136	520

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Au* PPB
088887	3	8	33	1
088888	2	10	23	3
088889	1	3	26	1
088890	3	11	42	1
088891	49	8	32	23
088892	20	10	25	2
088893	6	8	40	3
088894	7	11	30	2
088895	7	11	45	12
088896	3	12	42	1
088897	3	6	45	2
088898	4	12	44	1
088899	595	11	73	54
088900	54	4	81	28
088995	79	5	85	7
088996	94	6	89	3
088997	76	6	74	1
088998	74	6	71	3
088999	87	7	67	33
089000	76	25	285	4
088980	25	13	49	2
088981	46	7	57	1
088982	51	7	57	13
088983	60	9	58	11
088984	45	7	46	9
088985	39	11	46	6
088986	21	13	27	20
088987	53	15	72	24
088988	122	14	83	10
088989	135	19	80	3
088990	195	2	63	1
088991	95	86	76	1
088992	78	4	66	1
088993	76	2	55	1
088994	50	2	61	1
STD C/AU-R	61	37	137	505

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

DATE RECEIVED: FEB 16 1987

DATE REPORT MAILED: Feb. 18/87

GEOCHEMICAL ICP ANALYSIS

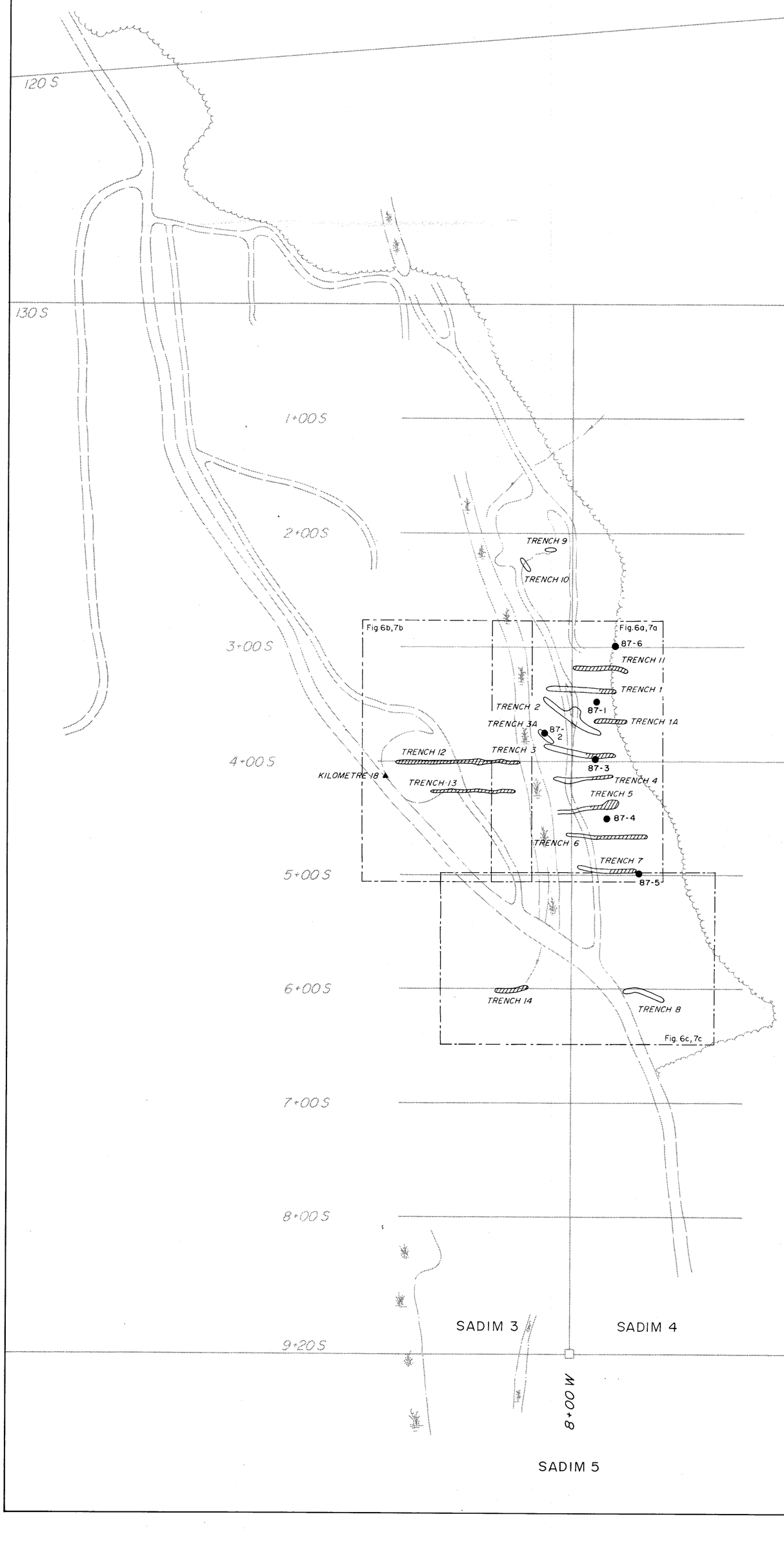
.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: DEAN TOYE. CERTIFIED B.C. ASSAYER.

I.M.WATSON PROJECT - SADIM FILE # 87-0350

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	Au* PPB
091101	4	9	.2	7
091102	49	29	.4	30
091103	287	24	.8	50
091104	153	10	.5	24
091105	108	11	.4	58
091106	71	13	.3	15
091107	157	98	2.0	19
091108	53	21	.5	18
091109	49	11	.5	26
091110	90	55	2.4	265
091111	93	13	1.1	104
091112	119	7	.8	124
091113	48	6	.2	32
091114	44	6	.1	37
091115	60	9	.7	44
091116	71	6	.3	31
091117	61	12	2.1	250
091118	10	6	.1	2
091119	2	11	.1	1
091120	27	16	.7	85
091121	3	12	.1	4
091122	63	9	1.7	235
091123	87	4	1.7	265
091124	112	8	1.1	125
091125	63	11	1.6	215
091126	71	12	1.2	165
091127	39	25	1.6	225
091128	20	15	1.5	185
091129	35	13	.7	98
091130	50	16	8.7	1310
091131	7	11	.1	7
091132	8	11	.1	1
091133	27	13	.3	42
091134	43	11	.7	67
091135	14	12	.1	3
091136	15	10	.8	112
STD C/AU-R	57	41	6.9	495

SAMPLE#	Cu PPM	Pb PPM	Ag PPM	Au* PPB
091137	56	14	3.7	560
091138	89	53	1.0	76
091139	27	37	.5	7
091140	52	37	1.0	129
091141	49	28	1.2	127
091142	37	41	1.2	77
091143	75	62	4.5	580
091144	81	11	.1	32
091145	45	6	.2	1
091146	43	6	.1	1
091147	31	3	.1	3
091148	27	6	.1	2
091149	54	3	.2	1
091150	75	11	.3	1
091151	19	11	.1	1
091152	29	5	.2	1
091153	63	7	.1	1
091154	104	7	.2	1
091155	47	5	.1	1
091156	25	8	.1	10
091157	15	13	1.6	285
091158	29	7	.1	19
091159	20	10	.8	120
091160	13	7	.3	46
091161	8	8	.1	2
091162	328	1064	15.0	1630
091163	41	27	3.7	505
091164	101	47	8.0	965
091165	295	298	22.3	2530
091166	169	2552	159.1	19800
091167	62	39	12.9	1750
091168	211	3	3.4	505
091169	48	7	2.0	445
091170	50	403	28.4	3960
STD C/AU-R	59	36	6.9	500



Trench - first phase

Trench - second phase

87-2 Diamond drill hole collar

Map boundaries, 1:200 scale map sheets (trench geology & geochemistry)

Roads

Creek

Swamp

Edge of clearing

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,969

LARAMIDE RESOURCES LTD.

SADIM 3 & 4 CLAIMS — SIMILKAMEEN M.D., B.C.

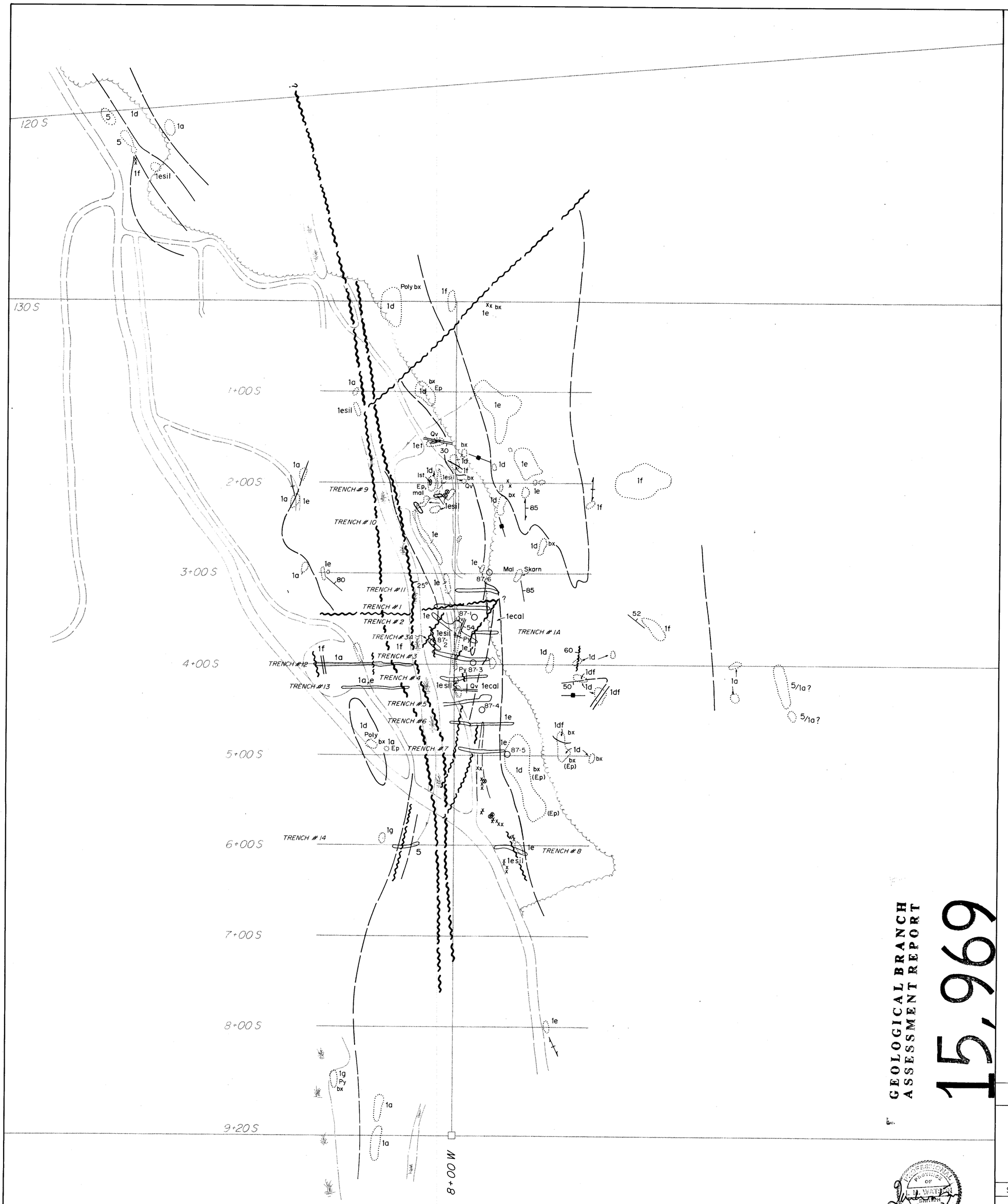
DRILL-HOLE & TRENCHING PLAN

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:2500	Oct/86 Mar/87	dlp / IMW	92H/10E	4

Scale 0 — 100 — 200 metres

I.M. WATSON & ASSOCIATES LTD.

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



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

1ecal Pale grey-buff calcareous

1esil Pale grey, rusty-weathering, fine-grained, silicified and pyritised

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)
Trench
87-2 Diamond drill hole collar

Roads
Creek
Swamp
Edge of clearing

GEOLOGICAL BRANCH
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SADIM 3 & 4 CLAIMS, B.C.

GEOLOGY

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:2500	Oct./86 Mar./87	dlp / IMW	92H/10E	5

Scale 0 — 100 — 200 metres

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PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA I. WATSON

3+00 S

4+00 S

5+00 S

7+50 W

8+00W B.L.

8+50 W

LONGITUDINAL SECTION — see FIG. 8

87-6

87-1

87-3

87-4

87-5

87-2

TRENCH # 11

TRENCH # 2

TRENCH # 1

TRENCH # 1A

TRENCH # 3A

TRENCH # 3

TRENCH # 4

TRENCH # 5

TRENCH # 6

TRENCH # 7

1e (calc.)

1e sil ?

1e sil(hem)

1e sil

overburden

Qtz pod

PbS, ccp, py

PbS, ccp, py, hem, Mn

Mn, tr py

Py, ccp

1f + limey grit (hem)

1e minor hem.

1e schistose

1ecal

PbS, ccp, mal, py

mal, az

PbS, ccp, Mn

PbS, ccp, py

purple wacke/tuff, qtz vnlts

Mn

LEGEND

- 1a — Green-grey, green, fine- to medium-grained pyroxene andesite
- 1d — Green andesitic breccia
- 1af — Andesite-limestone breccia
- 1e — Green-grey, purple andesitic tuffs, often bedded
- 1ecal — Pale grey-buff calcareous grit-conglomerate bands
- 1esil — Pale-grey, rusty-weathering, fine-grained, silicified and pyritized
- 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

- hem — Haematite
- az — Azurite
- Mn — Manganese
- py — Pyrite
- ccp — Chalcopyrite
- mal — Malachite
- PbS — Galena
- ep — Epidote
- Qv 60 — Quartz veins; showing attitude
- 50 — Bedding: inclined, vertical
- Shear zone
- 87-2 — Diamond drill hole collar
- Thrust fault, showing downthrow side
- Road
- Swamp

SADIM 3 | SADIM 4

WEST | EAST

Open Showing

SOUTH

MAP LOCATION KEY

CERTIFICATE OF I.M. WATSON 1987

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LARAMIDE RESOURCES LTD.

SADIM 384 CLAIMS, B.C.

SADIM 384 EAST

TRENCHES 1, 1A, 2, 3, 3A, 4, 5, 6, 7, 11

GEOLOGY

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:200	Oct/86 Mar/87	dip IMW	92H/10E	6a

Scale 5 0 5 10 metres

I.M. WATSON & ASSOCIATES LTD.

3+00 S

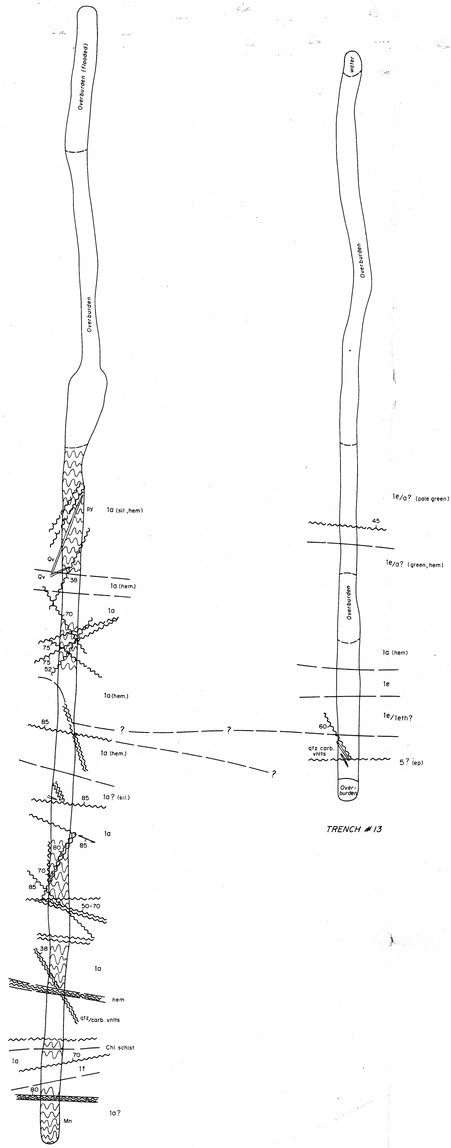
4+00 S

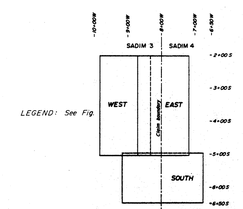
5+00 S

8+50 W

9+00 W

9+50 W





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Legend: see Fig. 6a

PROFESSIONAL ENGINEER OF BRITISH COLUMBIA I. M. WATSON

LARAMIDE RESOURCES LTD.				
SADIM 384 CLAIMS, B.C.				
SADIM 384 WEST TRENCHES 12 & 13 GEOLOGY				
SCALE	DATE	BY	N.T.S.	FIG. N°
1:200	DEC/86, MAR/87	dlp / IMW	92H/10E	6b
Scale 5 0 5 10 metres				
I.M. WATSON & ASSOCIATES LTD.				

5+00 S

8+50 W

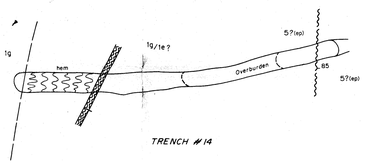
8+00 W

7+50 W

7+00 W

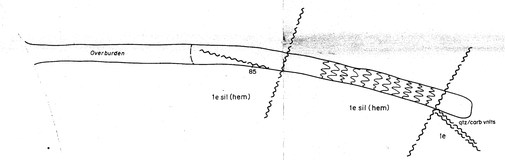
5+00 S

6+00 S



TRENCH # 14

TRENCH # 8



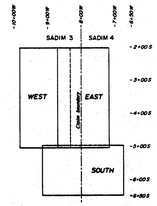
6+00 S

9+00 W

8+50 W

8+00 W

7+50 W



MAP LOCATION KEY

GEOLOGICAL BRANCH
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Legend: see Fig. 6a

LARAMIDE RESOURCES LTD.

SADIM 3 & 4 CLAIMS, B.C.

SADIM 3 & 4 SOUTH
TRENCHES 8 & 14
GEOLOGY

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:200	DEC/86, MAR/87	dlp / IMW	92H/10E	6c

Scale 0 5 0 5 10 metres

I.M. WATSON & ASSOCIATES LTD.

PROFESSIONAL ENGINEER
I. M. WATSON
BRITISH COLUMBIA

3+00 S

4+00 S

5+00 S

7+50 W

8+00W B.L

8+50W

7+50 N

B.L 8+00 W

8+50 W

TRENCH # 11

TRENCH # 2

TRENCH # 1

TRENCH # 1A

TRENCH # 3

TRENCH # 4

TRENCH # 5

TRENCH # 6

TRENCH # 7

R608

Au Ag Pb — Grab sample

g 3798 3080 172 12

Au Ag Pb — Continuous chip samples over 2m intervals

3673 49 .5 13

Au Ag Pb width (m) — Vein channel samples

3625 1060 4.4 4/0.6

(Au in ppb; Ag, Pb in ppm)

GEOLOGICAL BRANCH
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MAP LOCATION KEY

SADIM 3 | SADIM 4

WEST | EAST

Cow Springs Road

SOUTH

LARAMIDE RESOURCES LTD.

SADIM 384 CLAIMS, B.C.

SADIM 384 EAST
TRENCHES 1, 1A, 2, 3, 3A, 4, 5, 6, 7, 11

GEOCHEMISTRY-ROCK SAMPLING

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:200	Oct '86 Mar 87	dlp / IMW	92H/10E	7a

Scale: 5 0 5 10 metres

I.M. WATSON & ASSOCIATES LTD.

3+00 S

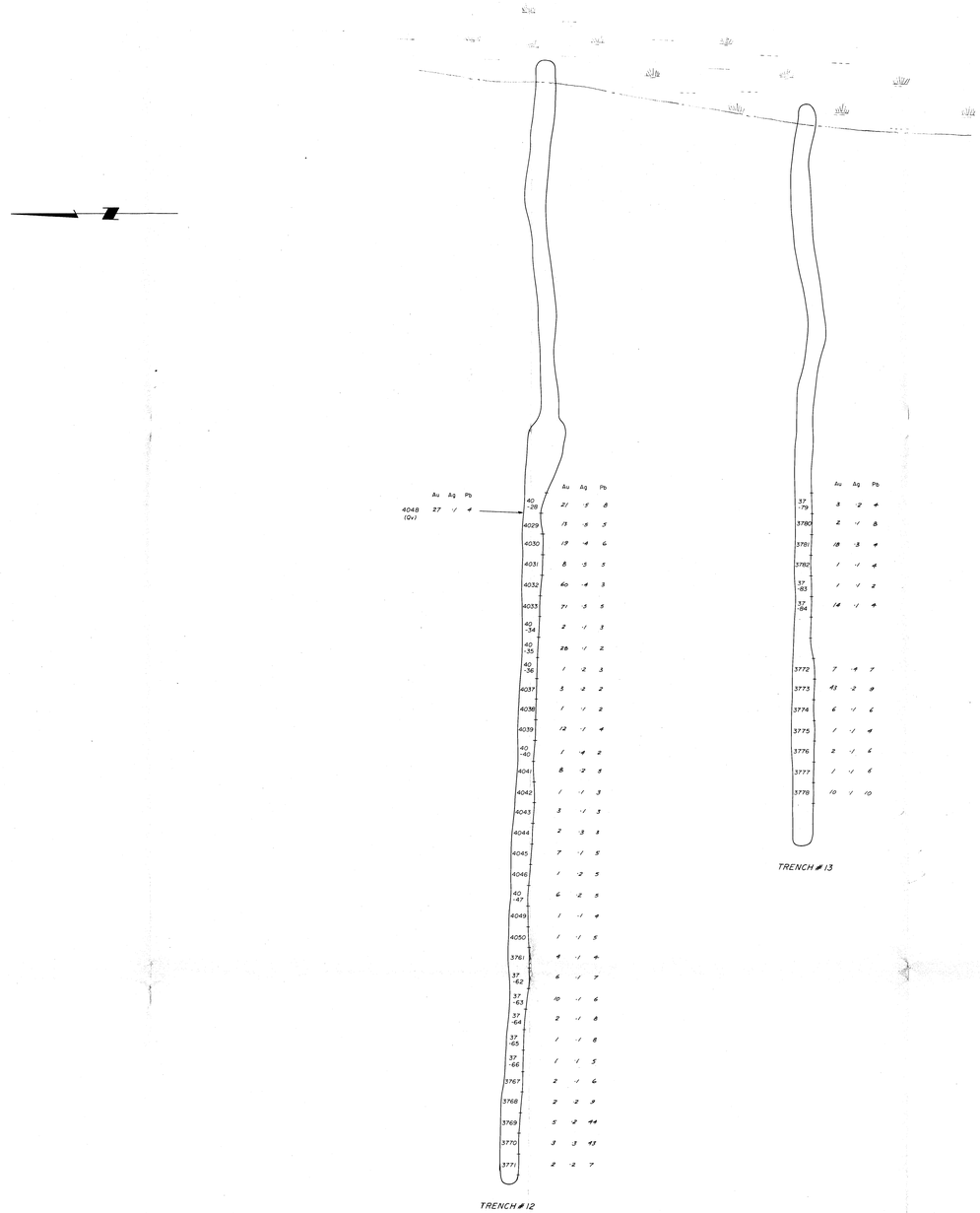
4+00 S

5+00 S

8+50 W

9+00 W

9+50 W

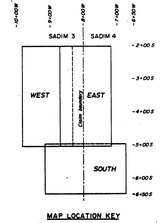


TRENCH # 12

	Au	Ag	Pb
4048 (Ov)	27	.1	4
40 -28	21	.5	8
4029	13	.6	5
4030	19	.9	6
4031	8	.5	5
4032	60	.9	3
4033	71	.5	5
40 -34	2	.1	3
40 -35	28	.1	2
40 -36	1	.2	3
4037	5	.2	2
4038	1	.1	2
4039	12	.1	4
40 -40	1	.4	2
4041	8	.2	5
4042	1	.1	3
4043	3	.1	3
4044	2	.3	3
4045	7	.1	5
4046	1	.2	5
40 -47	6	.2	5
4049	1	.1	4
4050	1	.1	5
3761	9	.1	4
37 -62	6	.1	7
37 -63	10	.1	6
37 -64	2	.1	8
37 -65	1	.1	8
37 -66	1	.1	5
3767	2	.1	6
3768	2	.2	9
3769	5	.2	44
3770	3	.3	43
3771	2	.2	7

TRENCH # 13

	Au	Ag	Pb
37 -79	3	.2	4
3780	2	.1	8
3781	18	.3	4
3782	1	.1	4
37 -83	1	.1	2
37 -84	14	.1	4
3772	7	.4	7
3773	43	.2	9
3774	6	.1	6
3775	1	.1	4
3776	2	.1	6
3777	1	.1	6
3778	10	.1	10



MAP LOCATION KEY

	Au	Ag	Pb
3773	43	.2	13

Continuous chip samples over 2m intervals

(Au in ppb; Ag, Pb in ppm)

GEOLOGICAL BRANCH
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SADIM 384 CLAIMS, B.C.

SADIM 384 WEST

TRENCHES 12 & 13

GEOCHEMISTRY - ROCK SAMPLING

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:200	DEC/86 MAR/87	dlp / IMW	92H/10E	7b

Scale 5 0 5 10 metres

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5+00 S

8+50 W

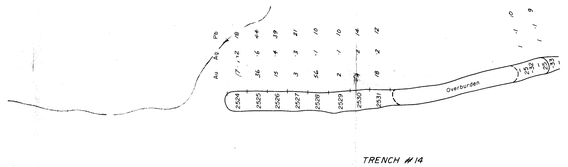
8+00 W

7+50 W

7+00 W

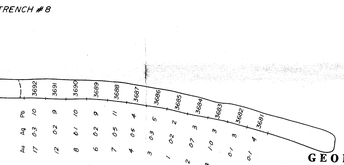
5+00 S

6+00 S



TRENCH # 14

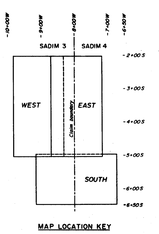
TRENCH # 8



Au Ag Pb
3773 46 5 18

Continuous chip samples over 2m intervals

(Au in ppb; Ag, Pb in ppm)



MAP LOCATION KEY

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LARAMIDE RESOURCES LTD.

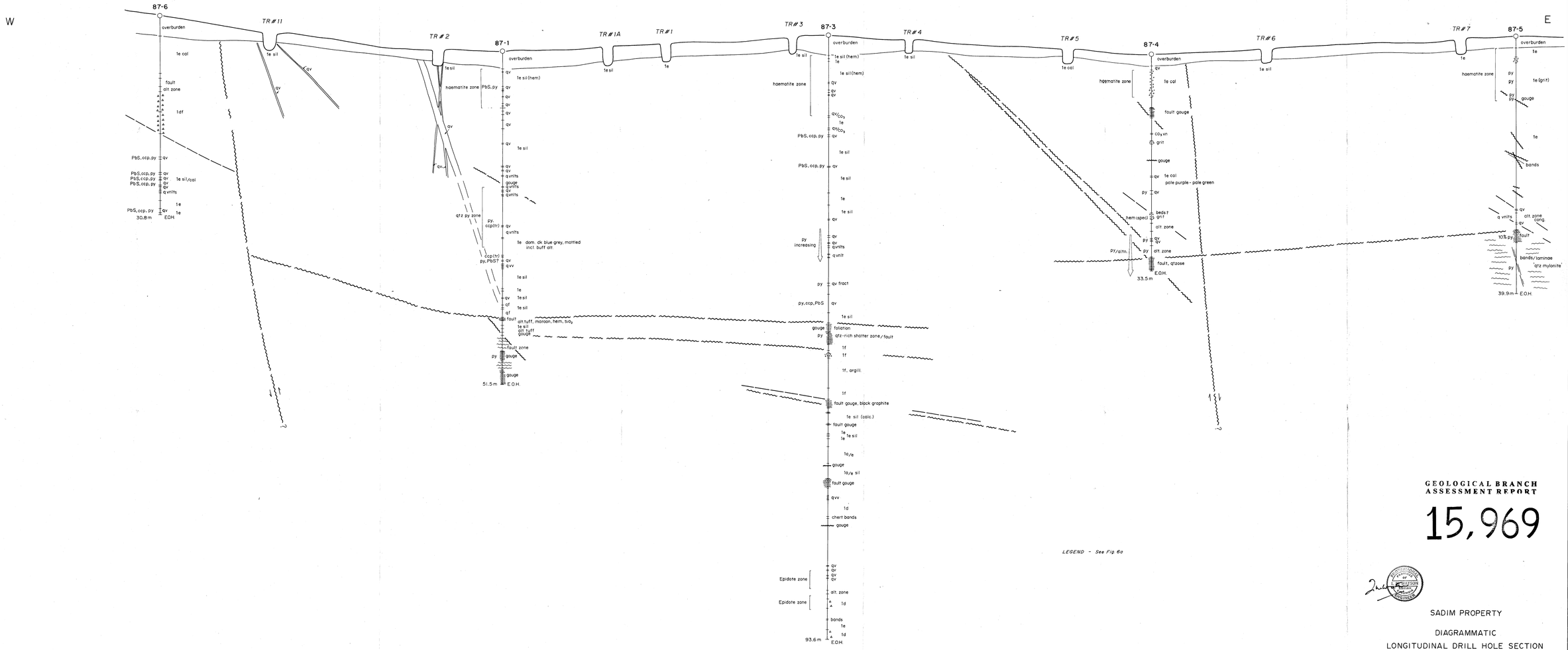
SADIM 3 & 4 CLAIMS, B.C.

SADIM 3 & 4 SOUTH
TRENCHES 8 & 14
GEOCHEMISTRY - ROCK SAMPLING

SCALE	DATE	BY	N.T.S.	FIG. Nº
1:200	DEC/86 MAR/87	dlp / IMW	92H/10E	7c

Scale 5 0 5 10 metres

I.M. WATSON & ASSOCIATES LTD.



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SADIM PROPERTY

DIAGRAMMATIC
LONGITUDINAL DRILL HOLE SECTION
GEOLOGY

Scale 1:200

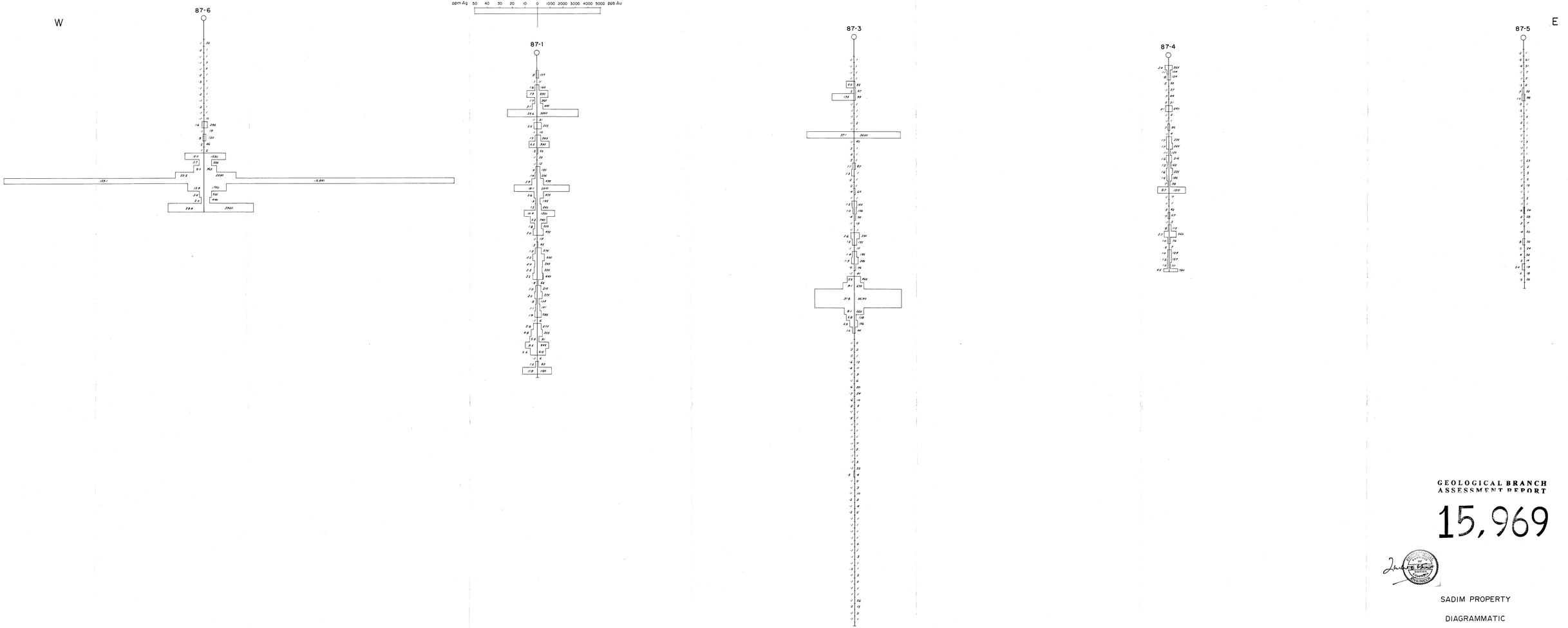
View North

February 1987

Fig. 8

W

E



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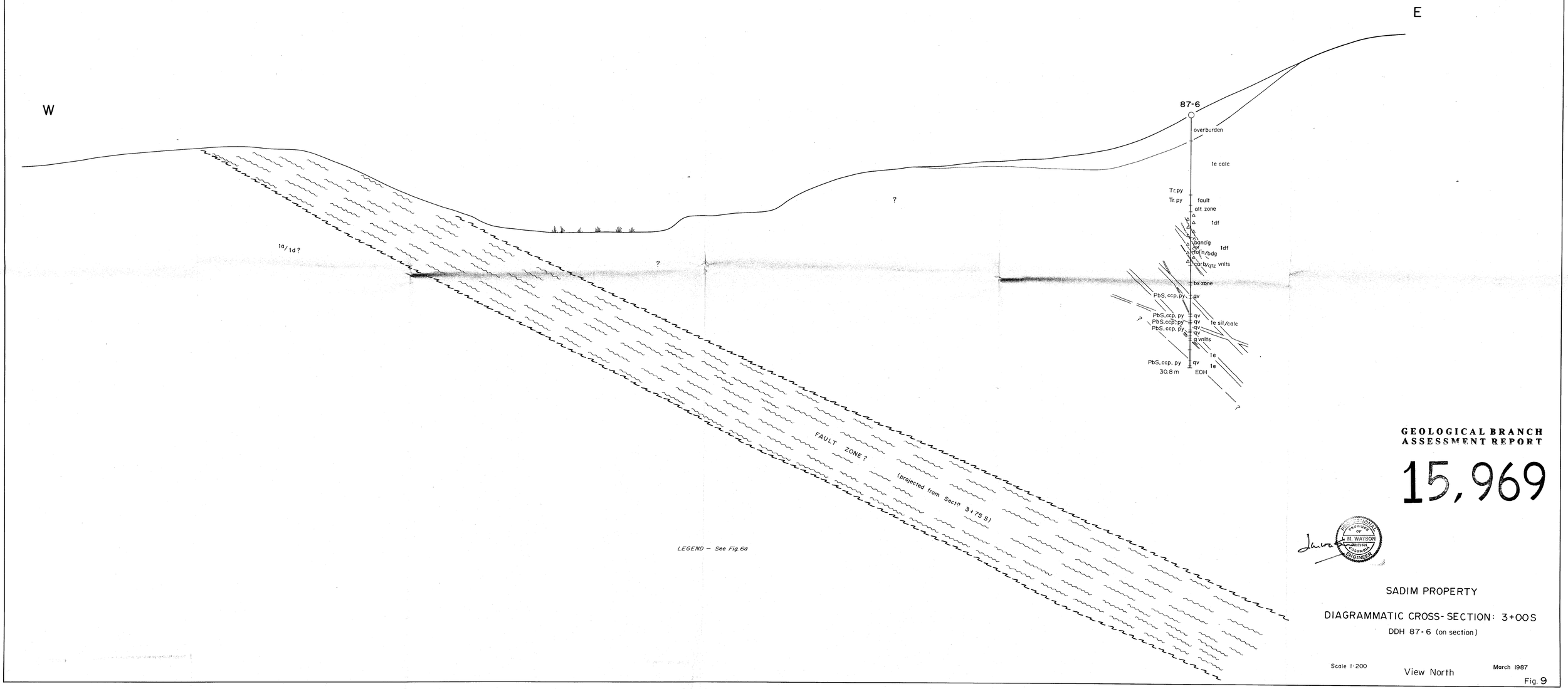
SADIM PROPERTY

DIAGRAMMATIC
LONGITUDINAL DRILL HOLE SECTION
showing Au, Ag assays

Scale 1:200 View North February 1987

Fig. 8a



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SADIM PROPERTY

DIAGRAMMATIC CROSS-SECTION: 3+00S

DDH 87-6 (on section)

Scale 1:200

View North

March 1987

Fig. 9

W

TRENCH # 12

gouge

1a

1f

5

1a hem

overburden

TRENCH # 12

overburden

1a

1f

87-2

overburden

qv (py, ccp, PbS?)

1e sil (hem)

haematite zone

alt py

1e

qv

gouge

black CO_3

gouge

1f

fault gouge

qvnlts

epidote strong

1d

Q/CO_3 vn

chl

1a

alt zone

py

1a

1f

1a

LEGEND - See Fig. 6a

8+00 W

Baseline

E

Projected from 25m N of section

Projected from 25m S of section

87-1

87-3

overburden

1e sil (hem)

haematite zone of weathering

haematite zone

PbS, py

qv

py

qv_{CO_3}

1e sil

PbS, ccp, py

qvnlts

gouge

py, ccp, PbS

qtz py zone

py, ccp(tr)

1e dom. dk bl.-gy mottled incl. buff alt

py increasing

ccp (tr) py PbS?

qv fract

py, ccp, PbS

alt zone

fault

alt tuff, maroon, hem, SiO_2

alt tuff

gouge

foliation

qtz-rich shatter zone / fault

fault zone

1f

1f, argill.

51.5m E.O.H.

fault gouge, black graphite

1e sil (calc.)

fault gouge

1e sil

1a/e

gouge

1a/e sil

fault gouge

qvv

1d

chert bands

gouge

Epidote zone

alt zone

bands

93.6m E.O.H.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,969

SADIM PROPERTY

DIAGRAMMATIC CROSS-SECTION: 3+75S

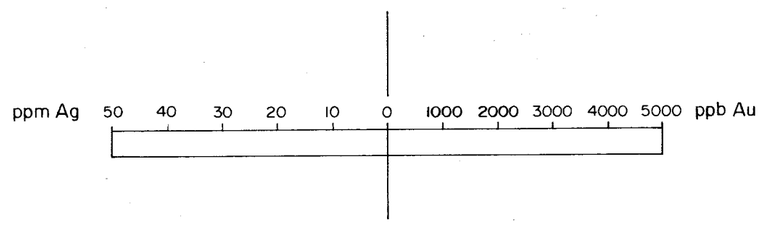
DDH 87-2 (on section)
" 87-1 (projected)
" 87-3 (projected)

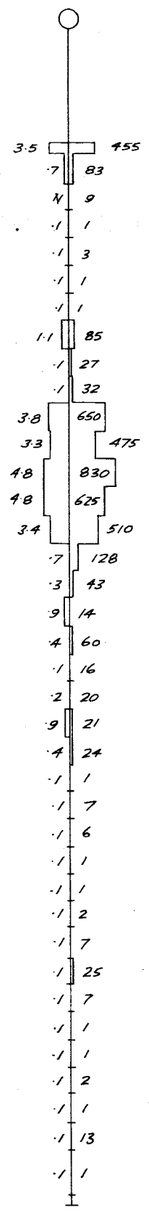
Scale 1:200

View North

February 1987

Fig. 10





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ASSESSMENT REPORT

15,969

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. WATSON

SADIM PROPERTY

DIAGRAMMATIC
DRILL HOLE CROSS SECTION 87-2
showing Au, Ag assays

Scale 1:200

March 1987

Fig. 11