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SOIL GEOCHEMICAL SURVEY

AND TRENCHING ON THE

PAYDIRT CLAIM GROUP

LIARD MINING DIVISION

N.T.S. 104G/4E, 3W
LAT./LONG. 131° 32'W, 57° 04'N

BY

MAX H. HOLTBY

CONSOLIDATED SILVER STANDARD MINES LIMITED
1100-1199 WEST HASTINGS STREET
VANCOUVER, B.C.
V6E 3V4

OCTOBER 1985

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1. SUMMARY

This assessment report covers a soil sampling and trenching programme carried out on the Pay Dirt claim between July 12 and July 23, 1985. During this time period 104 soil samples were collected and 57.2 m of trenching were completed. To facilitate interpretations the results of a further 109 soil samples collected after July 23rd are presented.

The focus of 1985 exploration on the Pay Dirt claim was a 90 m north-south trending alteration zone occurring in Upper Triassic andesitic lapilli tuffs, crystal and crystal-lapilli tuffs. This 20 m wide alteration zone is marked by pyritization, silicification and sericitization with very fine grained native gold.

It is concluded that the soil sampling programme defined the known gold-bearing zone. Another seven gold in soil anomalies were identified with one being subsequently tested by diamond drilling and another being explained by observed weak mineralization. One of the remaining unexplained anomalies may represent an extension 80 m south of the known gold-bearing zone.

No geochemical pathfinders were found for this gold occurrence.

It is recommended that trenching be undertaken to determine the source of the gold in the unexplained gold in soil anomalies.

2. INTRODUCTION

This assessment report describes a soil geochemical survey and trenching carried out on the Paydirt claim group between July 12 and July 23, 1985. For completeness, results of soil sampling and trenching conducted after the anniversary date have also been included.

2.1 Location and Access

The claims are located south of Mount Scotsimpson along the valley of Split Creek, a tributary of the Porcupine River. Stewart lies 155 km southeast and Telegraph Creek 95 km north-northeast of the claim group.

Access for this programme was via helicopter from Bob Quinn Lake, located on Highway 37, some 80 km east-southeast of the claims. Alternative access would be by fixed-wing aircraft to Snippaker Creek or Scud River airstrips, 60 km southeast and 30 km northwest, respectively, and then via helicopter

The Stikine River is navigable by barge to the junction with the Porcupine River, only 15 km west of the claims. An overgrown bulldozer trail, constructed in the mid 1960's, extends from the Porcupine River along Split Creek to approximately the centre of the claim group.

Topographic relief on the claims is steep with elevations ranging from 500 m to 2700 m. The area under investigation extended from 820 m to

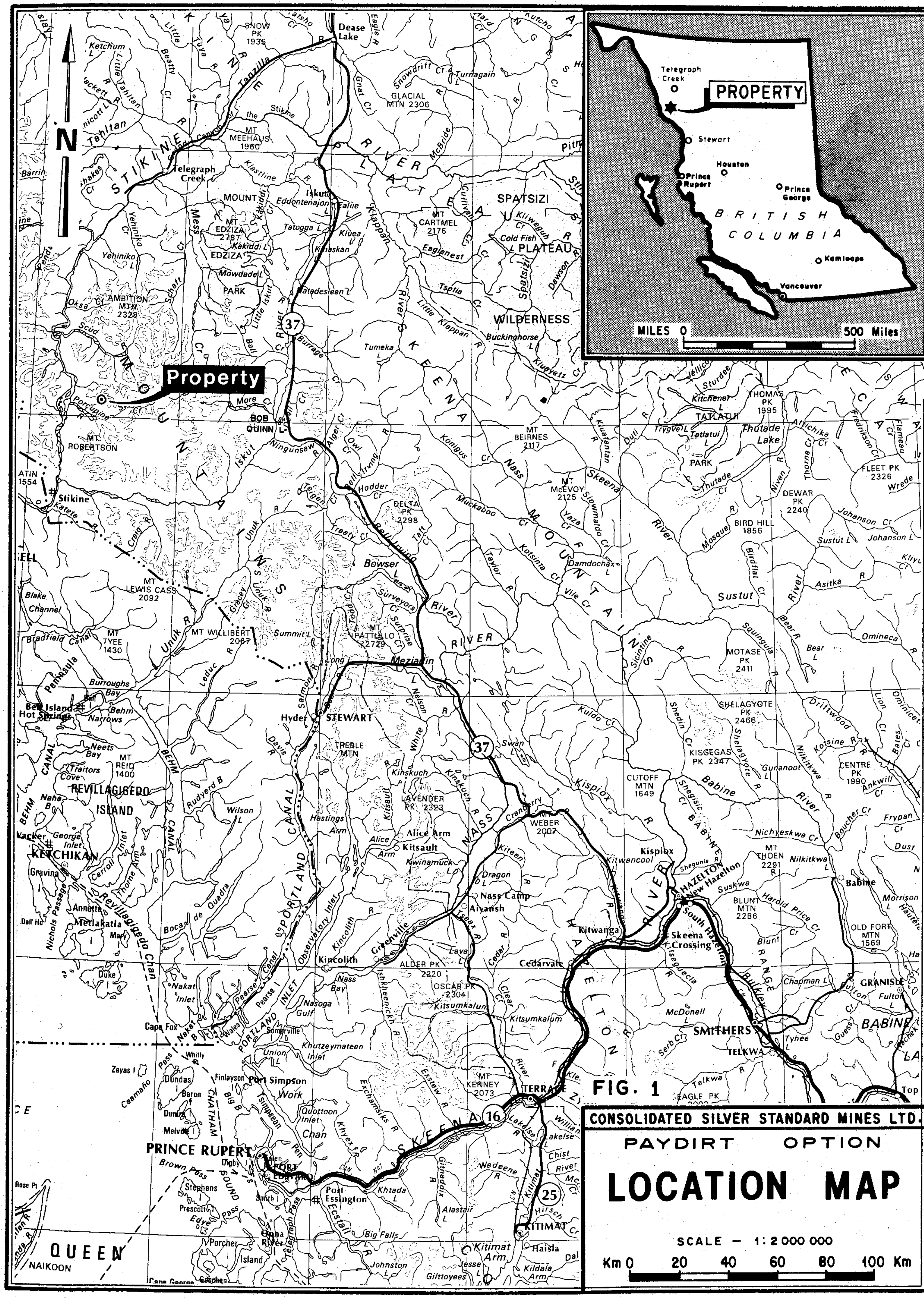


FIG. 1

CONSOLIDATED SILVER STANDARD MINES LTD.

PAYDIRT OPTION

LOCATION MAP

SCALE — 1:2 000 000

Km 0 20 40 60 80 100 Km

970 m. Lush vegetation covers the area of interest with outcrop exposures limited to creek beds and cliff faces.

2.2 History

The first claims covering the present claim group were recorded in the 1960's. Julian Mining Co. conducted geological mapping, I.P. surveys, trenching and 2200 m of diamond drilling on the Ann and Su claims over extensive copper showings exposed on the western half of the present claim group. At the same time Stikine River Mines Ltd. conducted geological mapping and geochemical surveys over the AC and Alpha claims, the eastern half of the present claim group.

The copper showings were staked by Silver Standard Mines Ltd. in 1969 and by Great Plains Development Co. in 1974 as the AS claims. Great Plains conducted geological and geochemical surveys.

In 1981 Teck Explorations Ltd. staked the copper showings and later expanded the claims to their present size to include the gold showing that became the focus of their work and the subject of this report. Teck carried out geological mapping, soil and silt geochemical sampling, a magnetometer survey, trenching and 49 m of diamond drilling.

2.3 Claims

Claim Name	Units	Record No.	Record Date	Expiry *
Split	8	1917	12 June	1991
Creek	15	1918	12 June	1991
Wife	20	1961	23 July	1987
Father	12	1962	23 July	1987
Mother	20	1963	23 July	1986
Pay Dirt	12	1964	23 July	1991
Daughters	12	1965	23 July	1986

* includes work filed for this report

2.4 1985 Work Programme

The subject of this report is the 57.2 m of trenching and 104 soil samples collected between July 12 and July 23, 1985 on the Pay Dirt claim. To facilitate interpretation, the results of soil sampling and trenching carried out after July 23, 1985 are also presented.

	Pre-July 23	Post-July 23	Total
Soil Samples	104	109	213
Trenching	57.2	23	80.2

In addition, a 510 m trail was cut from the campsite to the showings. Also a topographic map covering 22.92 km^2 at a scale of 1:5,000 was prepared (see Figure 3).

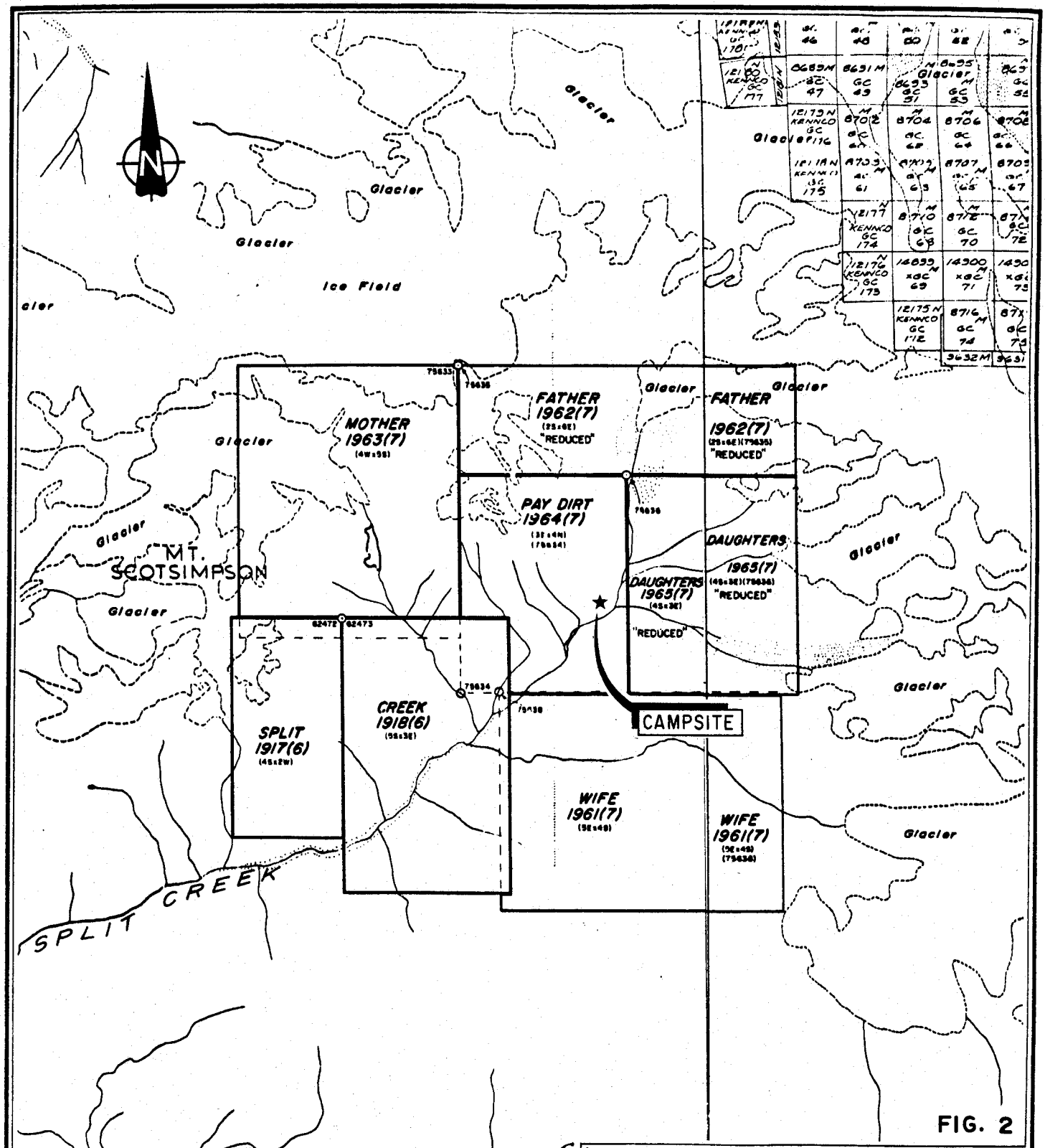


FIG. 2

CONSOLIDATED SILVER STANDARD MINES LIMITED

PAYDIRT OPTION

STIKINE REGION BRITISH COLUMBIA

CLAIM MAP

NTS: 104 G/4E,3W | SCALE 1:50,000

3. GEOLOGY

3.1 Regional Geology

The claims lie in a belt of Upper Triassic eugeosynclinal sedimentary and volcanic rocks intruded by Triassic and Jurassic syenitic intrusions and Jurassic and/or Cretaceous diorite to granodiorite intrusions. Upper Triassic units in this belt are predominantly augite andesite breccia, conglomerate and volcanic sandstone with thick sections of greywacke, graded siltstone, tuff, shale, limestone and volcaniclastics. The gold showings on the claims occur 8 km southwest of the Stikine Copper deposit at Galore Creek.

3.2 Property Geology

The focus of 1985 exploration was a gold bearing zone crosscutting Discovery Creek from 865 m to 890 m elevation. This crescent shaped zone outcrops and is exposed in trenches for 90 m in a north-south direction. At its northern end it is exposed with a 4 m width in Trench 1. Diamond drilling north of Trench 1 indicates the zone thins towards the north. To the south the zone has an apparent width of 15 to 20 m.

An andesite dyke striking north-south and dipping west generally marks the footwall of the gold bearing zone. Gold was found on either side of the dyke in three drill intersections.

This andesite dyke marks a distinct lithological change between units in its foot and hangingwalls and may, therefore, have been intruded along a fault. Gouge 2 to 4 cm wide bounds each side of the dyke. West of the andesite dyke Upper Triassic units are andesitic lapilli tuffs, agglomerates, crystal-lapilli tuffs, coarse ash and ash tuffs. East of the andesite dyke occur andesite tuffs and granodiorites. Except for the andesite dyke and a later fine grained diorite dyke all units have undergone epidote alteration. Epidote occurs pervasively, especially in lithic fragments in lapilli and coarse ash tuffs, and as fracture fillings or accompanying quartz stringers. Epidote is ubiquitous to all rock types except the latest intrusives and as such is probably the result of regional metamorphism.

The gold-bearing zone is highly silicified lapilli and ash or crystal-ash tuffs. While often appearing to be a separate rhyolite unit, in drill core, the original andesite tuff nature is often distinguishable. Alteration is progressive with pyritization, silicification and sericitization being most intense in rhyolitic looking sections. Other zones of similar alteration were observed elsewhere on the property. These zones frequently occur along south flowing streams and may be accompanied by quartz veins up to 1 m thick.

4. SOIL GEOCHEMISTRY

Soil samples collected in July were for an orientation survey over the known mineralization and to define possible extensions of that

mineralization. Thirty element Inductively Coupled Argon Plasma (I.C.P.) analyses were carried out on the samples to determine if there were any geochemical pathfinders associated with the gold mineralization. As well, 10 gm or 20 gm sample geochemical analyses by Atomic Absorption (A.A.) were carried out for gold. Good correlations between gold and the other 29 elements were not found so later samples were analysed for gold only by A.A. analysis.

Samples were collected from B horizon soils at a depth of between 15 to 30 cm. These samples were packed in Kraft paper envelopes and sent to Acme Analytical Laboratories Ltd. in Vancouver for sample preparation and analysis. The minus 80 mesh fraction was analysed as the gold is very fine grained. Analytical procedures are outlined in Appendix 2.

The soil sample grid is shown on Figure 3 at a scale of 1:5,000. Sample numbers on Figure 4 and gold values in p.p.b., by A.A. analysis, on Figure 5 are at a scale of 1:1,000. A complete list of analyses by I.C.P. and A.A. are given in Appendix 3.

The known gold bearing zone has been well outlined by a gold in soils anomaly, anomaly A on Figure 5. This anomaly extends 60 m north-south from line 9+60N to line 10+20N and has a width of about 20 m. It is closed-off at its southern end but is open to the north. Based on surface mapping and diamond drilling results, anomalous gold values in soil probably extend 20 m further north.

Thirty metres west of anomaly A occurs narrow anomaly B, extending from line 9+70N to line 10+10N and open at both ends. Anomaly B lies in a soil and talus covered area. It may mark an unexposed gold zone paralleling the zone identified by anomaly A.

Anomalies C to H are located in overburden covered areas. Anomaly C and anomaly B are underlain by andesitic crystal and crystal-lapilli tuffs. Anomaly D lies in a gully on the east side of the andesite dyke referred to in the section on Property Geology. Exposures in Trench 2 would indicate anomaly D is underlain by essentially unmineralized andesite tuffs. Diamond drilling in September tested the area underlain by anomaly D; no gold was found.

Anomalies E to G are most likely related to very weak gold mineralization in north-south striking sheared and altered zones. No rocks are exposed near anomalies E and F. Immediately north of anomaly G, a weakly pyritized, silicified and chloritized highly foliated tuff is exposed. Anomaly H may represent an isolated weakly mineralized area or southern extensions of the gold-bearing zone.

The pronounced north-south strike of soil anomalies reflects the drainage pattern. The drainage pattern in turn reflects the dominant structural trend of shears and alteration zones. Isolated intermediate gold values in soils most likely represent weak mineralization detectable in areas of thinner overburden. This effect is well demonstrated by anomaly G, where the highest gold value is in the bottom

of a gully and decreasing values extend east and west as the overburden thickens.

5. PHYSICAL WORK

Physical work consisted of a 510 m trail cut from the campsite to the showings on Discovery Creek and trenching in the vicinity of the showings.

5.1 Trenching

Trenching was undertaken to define the boundaries of the gold zone and expose possible extensions in overburden covered area. Between July 12 and July 23, 1985 trenches 1 to 6, totalling 57.2 m, were dug using hand tools and explosives. These trenches and trenches cut after July 23rd are shown on Figure 4.

Trench No.	Length metre	Width metre	Depth metre	Sample Numbers *
pre-July 23/85				
1	4.2	0.5-1.0	0.5-1.0	85PD 701-704
2	9.4	0.5-1.0	0.5-1.2	85PD 705-710
3	8.9	0.5	0.5-0.8	85PD 734-741
4	9.9	0.5	0.5-1.0	85PD 742-745
5	22.8	0.3-0.5	0.5-1.6	85PD 711-733
6	2.0	0.5	0.5-1.5	no samples
post-July 23/85				
7	6.0	1.0	1.0	85PD 277, 281 grab samples
8	2.0	1.0	1.0-1.5	85PD 282 grab samples
9	15.0	1.0-3.0	1.0-3.5	85PD 746-760

* 1 m channel samples except where indicated

6. CONCLUSIONS AND RECOMMENDATIONS

It is concluded that soil sampling on a closely spaced grid, with a 10 m sampling interval, was successful in outlining the known gold mineralization. As well seven other small gold in soil anomalies were found. Of these other gold anomalies one (anomaly D) has been tested by subsequent diamond drilling and another (anomaly G) can be explained by observed weak mineralization. The remaining five anomalies are unexplained although one (anomaly H) may represent a southern extension to the gold bearing zone.

No geochemical pathfinders to the gold mineralization were found.

It is recommended that trenching be undertaken to determine the source of the gold in these unexplained gold in soil anomalies.

7. STATEMENT OF QUALIFICATIONS

MAX H. HOLTBY

I hereby certify that:

1. I graduated from the University of Columbia in 1972 with a B.Sc. in Honours Geology.

2. I am a Geological Association of Canada Fellow and Geological Society of Malaysia Member in good standing.

3. The work described herein was done under my direct supervision.

4. I have worked since graduation as an exploration geologist and in mine management in Canada and Malaysia.

Max H. Holtby

APPENDIX 1

COST STATEMENT

WAGES

1. Camp Mobilization

J. Bacon	4 X $90.	=	$360.	+	20% benefits	=	$ 432.00
P. Daubeny	2 X $80.	=	$160.	+	20% benefits	=	192.00
					TOTAL		$ 624.00

$ 624.00

2. Trenching & Trail Construction

J. Bacon	7 X $90.	=	$630.	+	20% benefits	=	$ 756.00
P. Daubeny	5 X $80.	=	$400.	+	20% benefits	=	480.00
					TOTAL		$1236.00

$1236.00

3. Geochemical Sampling

P. Daubeny	2 X $80.	=	$160.	+	20% benefits	=	$ 192.00

$ 192.00

4. Supervision

R. Quartermain	4 X $180.	=	$720.	+	20% benefits	=	$ 864.00
M. Holtby	4 X $200.	=	$800.	+	20% benefits	=	960.00
					TOTAL		$1824.00

$1824.00

Note:
On Statement of Exploration & Development, 1 & 4 have been applied 50% to Physical work and 50% to Geological, Geophysical and Geochemical.

ACCOMODATION

5 man-days	@	$ 70.	(commercial)	=	$ 350.00
23 man-days	@	$ 40.	(camp)	=	920.00
					$1270.00

$1270.00

Note:
50% each to Physical and Geological, etc.

TRANSPORTATION

Airfares Vancouver to Terrace return for 3 men		$ 966.00
Helicopter 6.3 hours $500		3078.66
Truck rental		321.85
Truck equipment, Vancouver to Bob Quinn Lake		752.59
	TOTAL	$5119.10

$5119.10

Note:
50% each to Physical and Geological, etc.

FIELD EQUIPMENT AND FUEL

Equipment repair and servicing	$ 48.21	
Field equipment rental - 23 man-days @ $4/man-day	92.00	
General supplies & fuel	1041.63	
TOTAL	$1181.84	$1181.84

Note:
50% each to Physical and Geological, etc.

BASE MAP $3530.00

EXPEDITING SERVICE $ 170.00

Note:
50% each to Physical and Geological, etc.

SOIL SAMPLE ANALYSIS

50 samples I.C.P. analyses plus Au by A.A. from 10 gm. sample @ $10.60 =	$ 530.00	
54 samples I.C.P. analyses plus Au by A.A. from 20 gm. sample @ $11.10 =	599.40	
	$1129.40	$1129.40

REPORT PREPARATION

3 man-days @ $200. = $600. + 20% benefits =	$ 720.00	
3 days drafting @ $120. = $360. + 20% benefits =	432.00	
supplies	30.00	
TOTAL	$1182.00	$1182.00

Note:
50% each to Physical and Geological, etc.

TOTAL $17,458.34

SUMMARY

A. Physical	Wages	$2,460.00	
	Accomodation	635.00	
	Transport	2,559.55	
	Report Preparation	591.00	
	Field Equipment & Fuel	590.92	
	Expediting Service	85.00	
	SUB-TOTAL	$6,921.47	$ 6,921.47
B. Geological, Geophysical and Geochemical			
	Wages	$ 1,416.00	
	Accomodation	635.00	
	Transport	2,559.55	
	Base Map	3,530.00	
	Soil Sample Analyses	1,129.40	
	Report Preparation	591.00	
	Field Equipment & Fuel	590.92	
	Expediting Service	70.00	
	SUB-TOTAL	$10,536.87	$10,536.87
		TOTAL	$17,458.34

Note:
The high support cost compared to the amount of work carried out is due to the fact that these costs also relate to a geological, geochemical and diamond drilling programme ongoing from July 23, 1985.

APPENDIX 2

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone : 253 - 3158

GEOCHEMICAL LABORATORY METHODOLOGY - 1985

Sample Preparation

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis (AA and ICP)

0.5 gram samples are digested in hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water. Extracted metals are determined by :

A. Atomic Absorption (AA)

Ag*, Bi*, Cd*, Co, Cu, Fe, Ga, In, Mn, Mo, Ni, Pb, Sb*, Tl, V, Zn
(* denotes with background correction.)

B. Inductively Coupled Argon Plasma (ICP)

Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cu, Cr, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Geochemical Analysis for Au*

10.0 gram samples that have been ignited overnite at 600°C are digested with 30 mls hot dilute aqua regia, and 75 mls of clear solution obtained is extracted with 5 mls Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 1 ppb).

Geochemical Analysis for Au**, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire Assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt, and Rh are determined in the solution by graphite furnace Atomic Absorption. Detections - Au=1 ppb; Pd, Pt, Rh=5 ppb

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml. As is determined in the solution by Graphite Furnace Atomic Absorption (AA) or by Inductively Coupled Argon Plasma (ICP).

Geochemical Analysis for Barium

0.25 gram samples are digested with hot NaOH and EDTA solution, and diluted to 20 ml.

Ba is determined in the solution by ICP.

Geochemical Analysis for Tungsten

0.25 gram samples are digested with hot NaOH and EDTA solution, and diluted to 20 ml. W in the solution determined by ICP with a detection of 1 ppm.

Geochemical Analysis for Selenium

0.5 gram samples are digested with hot dilute aqua regia and dilute to 10 ml with H_2O. Se is determined with $NaBH_3$ with Flameless AA. Detection 0.1 ppm.

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone : 253 - 3158

Geochemical Analysis for Uranium

0.5 gram samples are digested with hot aqua regia and diluted to 10 ml.

Aliquots of the acid extract are solvent extracted using a salting agent and aliquots of the solvent extract are fused with NaF, K_2CO_3 and Na_2CO_3 flux in a platinum dish.

The fluorescence of the pellet is determined on the Jarrel Ash Fluorometer.

Geochemical Analysis for Fluorine

0.25 gram samples are fused with sodium hydroxide and leached with 10 ml water. The solution is neutralized, buffered, adjusted to pH 7.8 and diluted to 100 ml.

Fluorine is determined by Specific Ion Electrode using an Orion Model 404 meter.

Geochemical Analysis for Tin

1.0 gram samples are fused with ammonium iodide in a test tube. The sublimed iodine is leached with dilute hydrochloric acid.

The solution is extracted with MIBK and tin is determined in the extract by Atomic Absorption.

Geochemical Analysis for Chromium

0.1 gram samples are fused with Na_2O_2. The melt is leached with HCl and analysed by AA or ICP. Detection 1 ppm.

Geochemical Analysis for Hg

0.5 gram samples is digested with aqua regia and diluted with 20% HCl.

Hg in the solution is determined by cold vapour AA using a F & J scientific Hg assembly. An aliquot of the extract is added to a stannous chloride / hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it is measured by AA.

Geochemical Analysis for Ga & Ge

0.5 gram samples are digested with hot aqua regia with HF in pressure bombs.

Ga and Ge in the solution are determined by graphite furnace AA. Detection 1 ppm.

Geochemical Analysis for Tl (Thallium)

0.5 gram samples are digested with 1:1 HNO_3. Tl is determined by graphite AA. Detection .1 ppm.

Geochemical Analysis for Te (Tellurium)

0.5 gram samples are digested with hot aqua regia. The Te extracted in MIBK is analysed by AA graphite furnace. Detection .1 ppm.

Geochemical Whole Rock

0.1 gram is fused with .6 gm $LiBO_2$ and dissolved in 50 mls 5% HNO_3. Analysis is by ICP or M.S. ICP gives excellent precision for major components. The M.S. can analyze for up to 50 elements.

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

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

DATE RECEIVED: AUG 6 1985 DATE REPORT MAILED: Aug 12/85 ASSAYER: V. Saundry ..DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

CONSOLIDATED SILVER STANDARD MINES PROJECT - C-1016 FILE # 85-1744 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
85-PD-003	1	529	5	50	.6	17	31	852	5.49	10	5	ND	1	19	1	2	4	103	.33	.21	2	33	1.96	177	.14	2	2.42	.01	.46	1	1750
85-PD-004	5	504	4	47	.4	14	41	824	7.03	12	5	ND	2	22	1	2	3	116	.41	.22	2	13	2.27	187	.20	3	2.76	.01	.59	1	270
85-PD-005	4	483	5	45	.5	14	35	764	6.48	12	5	ND	2	18	1	2	2	103	.37	.41	2	16	2.02	151	.16	5	2.56	.01	.57	1	340
85-PD-006	14	912	16	46	.3	14	68	1058	7.88	11	5	ND	3	32	1	2	2	95	.54	.35	5	10	1.85	234	.15	3	2.07	.01	.44	1	165
85-PD-007	4	29	10	44	.1	3	1	353	5.69	8	5	ND	2	17	1	2	4	129	.58	.45	3	11	2.45	231	.30	2	2.07	.01	1.33	1	1500
85-PD-008	9	100	15	48	.4	3	26	608	6.05	8	10	ND	3	13	1	2	3	83	.23	.31	2	7	1.74	151	.30	2	1.70	.01	.60	1	390
85-PD-009	3	5023	6	84	.1	15	40	1021	9.17	26	5	ND	2	30	1	2	2	175	.86	.54	7	14	3.37	391	.24	4	3.44	.01	1.24	1	190
85-PD-010	4	1783	13	60	.4	14	25	868	6.25	14	5	ND	2	16	1	2	2	166	.51	.38	2	19	2.97	159	.20	3	3.06	.01	.87	1	120
85-PD-011	4	534	3	32	1.7	6	8	505	4.02	4	5	ND	1	11	1	3	4	75	.13	.22	6	10	.87	50	.07	2	1.44	.03	.17	1	55
85-PD-012	5	336	7	32	.4	10	19	369	5.54	8	5	ND	3	15	1	2	2	100	.33	.27	2	12	1.47	122	.16	3	2.52	.02	.43	1	25
85-PD-013	11	541	16	39	.4	16	51	941	6.34	17	5	ND	2	24	1	3	4	80	.21	.22	2	23	1.35	90	.10	2	2.69	.01	.23	1	22
85-PD-014	7	427	9	39	.4	18	63	1349	5.88	10	5	ND	2	21	1	2	6	70	.30	.36	2	9	1.32	96	.08	2	2.04	.01	.31	2	600
85-PD-015	21	581	19	39	.4	12	68	1033	7.91	13	5	ND	2	26	1	2	2	69	.42	.34	2	7	1.17	156	.09	5	1.60	.01	.17	1	120
85-PD-016	24	666	21	43	.3	12	56	1079	8.24	16	5	ND	2	25	1	2	2	80	.38	.38	2	7	1.25	205	.12	4	1.64	.01	.18	1	60
85-PD-017	16	764	22	45	.4	10	49	919	7.39	12	5	ND	3	27	1	2	3	86	.42	.35	2	9	1.39	234	.10	4	1.73	.01	.22	1	170
85-PD-018	16	135	14	51	.3	8	74	754	7.69	9	5	2	2	27	1	2	2	110	.64	.38	2	9	2.04	407	.29	4	2.10	.01	.80	1	6000
85-PD-019	3	68	8	24	.5	2	2	255	4.93	6	7	7	2	29	1	2	4	69	.05	.10	2	6	1.37	298	.36	2	1.45	.02	.87	1	3200
85-PD-020	1	423	6	39	.4	7	6	480	3.74	6	7	ND	2	11	1	2	5	52	.18	.20	2	13	.99	72	.08	2	1.52	.01	.17	1	170
85-PD-021	3	1083	12	54	.5	16	20	650	7.40	10	5	ND	2	16	1	2	2	135	.51	.36	2	36	2.85	137	.24	4	3.17	.01	.86	1	1300
85-PD-022	5	697	15	33	.9	6	14	975	5.71	7	5	ND	2	18	1	2	4	106	.14	.36	4	18	.94	53	.08	3	1.76	.01	.15	1	160
85-PD-023	2	136	10	32	.5	6	5	268	7.64	7	5	ND	3	17	1	2	2	143	.11	.08	2	17	.60	24	.12	2	2.10	.01	.03	1	6
85-PD-024	2	141	12	28	.4	6	6	295	6.51	8	5	ND	2	16	1	3	2	149	.13	.19	2	15	.60	26	.05	2	2.03	.01	.05	1	17
85-PD-025	3	58	17	16	.1	3	2	158	6.47	9	5	ND	2	12	1	2	4	113	.06	.10	6	13	.29	17	.09	2	1.30	.01	.03	1	140
85-PD-026	2	105	6	24	.2	6	5	239	5.72	4	5	ND	2	18	1	2	2	139	.19	.17	4	17	.49	40	.06	2	1.85	.01	.02	1	95
85-PD-027	1	93	2	13	.2	4	4	102	3.25	4	5	ND	1	12	1	2	4	71	.05	.13	3	11	.19	35	.04	2	.98	.01	.02	1	5
85-PD-028	2	212	8	22	.1	5	8	200	4.94	4	5	ND	1	11	1	2	4	82	.11	.14	8	9	.67	43	.08	2	2.21	.01	.06	1	12
85-PD-029	1	104	7	16	.2	2	5	132	4.05	7	5	ND	2	9	1	2	3	77	.07	.09	2	10	.43	18	.07	2	1.91	.01	.03	1	19
85-PD-030	5	215	7	20	.5	6	9	144	5.64	4	7	ND	2	11	1	2	4	74	.09	.12	2	8	.59	48	.12	2	2.85	.01	.10	1	2
85-PD-031	1	112	9	21	.1	4	7	358	5.25	10	5	ND	2	16	1	2	3	135	.18	.32	4	14	.49	27	.06	2	2.27	.01	.03	1	6
85-PD-032	4	535	12	47	.2	15	39	775	6.78	9	5	ND	2	20	1	3	4	112	.28	.31	2	10	1.59	169	.15	2	2.61	.01	.45	1	18
85-PD-033	17	1111	11	32	1.1	8	21	1045	5.23	9	5	ND	3	8	1	5	8	88	.14	.40	10	14	.96	36	.07	2	2.79	.01	.11	1	10
85-PD-034	2	215	6	24	.7	7	13	139	3.75	5	6	ND	1	14	1	2	7	47	.16	.32	2	10	.69	119	.02	2	1.01	.01	.20	1	3
85-PD-035	14	766	12	42	.6	9	33	693	8.51	10	5	ND	2	14	1	2	2	57	.22	.29	3	8	1.52	131	.18	2	2.07	.01	.44	1	105
85-PD-036	14	734	15	45	.6	10	43	812	8.40	6	5	ND	3	16	1	2	2	66	.28	.28	2	9	1.60	140	.17	4	2.08	.01	.45	1	95
85-PD-037	12	591	14	38	.4	12	34	641	6.74	7	5	ND	2	19	1	2	3	80	.32	.24	2	10	1.49	130	.12	2	1.98	.01	.33	1	175
85-PD-038	34	278	19	40	.2	5	55	568	12.34	6	5	5	2	8	1	2	2	80	.15	.41	2	4	1.60	239	.26	11	1.83	.01	.49	1	5000
STD C/AU 0.5	20	62	39	130	7.2	69	28	1127	4.11	39	15	8	40	50	18	15	20	59	.48	.12	40	59	.88	182	.08	36	1.73	.06	.12	12	480

APPENDIX 3

CONSOLIDATED SILVER STANDARD MINES PROJECT - C-1016 FILE # 85-1744

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
85-PD-039	20	160	17	35	1.0	2	1	293	7.83	9	5	19	2	40	1	3	2	141	.08	.13	5	7	1.67	188	.46	4	2.01	.01	1.07	1	20500
85-PD-040	8	1578	14	52	.5	14	16	772	9.16	11	5	ND	2	29	2	4	2	252	.59	.23	2	24	3.12	263	.31	4	3.80	.01	1.17	1	150
85-PD-041	6	511	12	45	.5	11	11	535	6.69	11	5	ND	1	50	1	3	2	141	.37	.16	5	21	1.42	48	.13	2	2.36	.01	.14	1	200
85-PD-042	5	2545	15	61	.4	12	15	980	6.92	12	5	ND	3	23	1	2	2	152	.60	.23	4	27	2.59	113	.21	2	3.36	.01	.67	1	210
85-PD-043	9	266	19	52	.6	8	5	764	8.37	10	5	ND	1	36	1	2	2	108	.27	.26	4	11	1.23	34	.17	2	1.79	.01	.09	1	175
85-PD-044	3	292	9	40	.9	8	12	431	5.66	8	5	ND	1	28	1	2	2	104	.35	.28	2	9	1.82	181	.18	2	2.45	.01	.59	1	23
85-PD-045	2	212	10	17	.8	3	1	216	4.24	6	5	ND	1	27	1	2	2	107	.13	.09	3	12	.32	29	.23	2	.93	.01	.06	1	180
85-PD-046	5	454	39	44	1.2	9	3	398	4.28	7	5	ND	1	20	1	2	2	145	.26	.16	2	14	1.51	22	.26	2	2.26	.01	.07	1	240
85-PD-047	11	240	11	39	1.1	6	5	647	6.13	8	5	ND	1	30	1	2	2	147	.16	.16	2	22	1.27	66	.24	2	2.20	.01	.32	1	150
85-PD-048	6	239	14	39	.3	7	6	451	7.22	8	5	ND	1	16	1	2	2	174	.07	.07	2	20	1.84	44	.36	2	2.57	.01	.19	1	135
85-PD-049	4	374	21	50	.5	11	6	693	8.29	9	5	ND	1	33	1	2	2	202	.16	.11	5	30	1.71	35	.19	2	2.59	.01	.17	1	170
85-PD-050	6	175	7	32	.1	8	5	316	8.90	8	5	ND	1	26	1	2	2	186	.11	.07	3	23	1.05	59	.25	2	1.94	.01	.11	1	610
85-PD-051	6	140	14	19	.5	4	4	318	6.21	6	5	ND	1	35	1	6	2	123	.17	.31	6	18	.46	70	.23	2	1.17	.01	.24	1	700
85-PD-052	9	173	16	38	.2	6	1	349	9.41	9	5	ND	1	46	1	2	2	147	.17	.11	2	30	1.68	45	.28	2	2.56	.01	.11	1	130
STD C/AU 0.5	21	58	40	137	6.9	72	23	1187	3.87	39	17	7	34	49	16	15	19	58	.46	.14	35	57	.88	173	.08	38	1.73	.05	.10	11	480

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

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 -80 MESH AU* ANALYSIS BY AA FROM 20 GM SAMPLE.

DATE RECEIVED: AUG 26 1985 DATE REPORT MAILED: Aug 30/85 ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

CONS. SILVER STANDARD PROJECT - C1016 FILE # 85-2052 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
85-PD-001	41	415	29	38	1.7	10	43	542	15.80	22	7	24	4	19	1	2	6	120	.16	.26	3	6	.88	262	.20	2	1.04	.01	.12	2	22100
85-PD-002	4	327	2	46	.3	9	14	471	7.80	9	5	ND	1	24	1	2	2	285	.36	.26	2	26	2.71	121	.23	2	3.44	.01	.44	2	74
85-PD-053	13	411	3	40	.5	6	11	413	7.27	8	5	ND	2	31	1	2	3	165	.53	.42	2	10	2.47	211	.26	2	2.96	.01	.56	1	70
85-PD-054	26	365	14	42	.2	8	30	720	7.84	11	5	ND	2	41	1	3	3	156	.44	.44	3	10	2.31	221	.33	2	2.68	.01	.51	2	31
85-PD-055	13	593	9	46	.4	10	22	596	8.94	13	5	3	1	49	1	2	2	166	.77	.38	2	7	3.02	596	.33	2	3.40	.01	.79	2	5920
85-PD-056	60	1640	17	41	.9	17	80	403	13.00	22	5	ND	2	63	1	2	13	103	.48	.50	5	6	1.90	101	.23	2	2.70	.01	.30	2	180
85-PD-057	4	59	5	22	.1	6	3	131	5.93	3	5	ND	1	37	1	2	6	110	.40	.07	5	9	1.11	151	.43	2	1.95	.01	.43	1	19
85-PD-058	3	54	2	20	.1	5	3	164	6.12	6	5	ND	1	14	1	2	7	108	.15	.07	5	6	1.26	71	.22	2	2.55	.01	.19	1	390
85-PD-059	6	199	7	37	.1	10	10	311	6.56	9	5	ND	2	30	1	2	5	138	.31	.30	3	14	1.56	77	.12	2	3.03	.01	.16	2	33
85-PD-060	2	97	5	34	.1	9	7	285	6.83	7	5	ND	1	24	1	2	3	140	.45	.25	3	14	2.07	121	.20	2	3.34	.01	.31	1	23
85-PD-061	3	207	6	36	.1	8	8	343	6.63	2	5	ND	1	19	1	2	3	133	.32	.21	2	11	2.06	147	.18	2	3.26	.01	.37	1	28
85-PD-062	4	157	2	23	.6	5	11	200	5.93	5	5	ND	1	24	1	2	2	121	.25	.17	3	8	1.10	46	.08	2	3.02	.01	.10	2	110
85-PD-063	4	492	6	29	.3	7	23	491	5.94	6	5	ND	1	25	1	2	2	111	.29	.27	2	7	1.27	88	.06	2	2.95	.01	.13	1	75
85-PD-064	4	92	6	17	.2	4	6	314	6.04	8	5	ND	1	21	1	2	2	158	.20	.38	9	14	.44	22	.10	2	2.78	.01	.03	2	70
85-PD-065	4	75	10	13	.3	5	4	141	6.99	4	5	ND	2	38	1	2	2	184	.23	.09	7	19	.14	23	.25	2	1.73	.01	.03	1	125
85-PD-066	4	54	6	13	.4	3	3	171	4.47	5	5	ND	1	30	1	2	2	119	.14	.08	6	11	.26	22	.08	2	1.53	.01	.03	1	110
85-PD-067	4	123	6	19	.7	4	5	155	4.98	5	5	ND	1	26	1	2	2	122	.15	.07	7	13	.44	23	.08	2	1.85	.01	.02	1	60
85-PD-068	3	40	7	20	.1	4	5	277	4.34	2	5	ND	1	24	1	2	2	94	.14	.10	8	12	.40	34	.09	2	1.47	.01	.05	1	33
85-PD-069	3	67	11	12	.2	4	4	230	5.80	5	5	ND	2	22	1	2	2	138	.13	.30	6	18	.13	24	.09	2	1.76	.01	.02	1	145
85-PD-070	5	431	13	43	.1	9	12	462	6.46	9	5	ND	1	50	1	2	2	162	.31	.15	6	18	1.09	71	.09	2	2.26	.01	.04	2	115
85-PD-071	4	270	10	36	.1	9	11	342	6.73	8	5	ND	1	42	1	2	2	162	.32	.15	5	19	1.18	45	.12	2	2.27	.01	.06	2	150
85-PD-072	4	110	6	26	.1	5	7	247	5.56	6	5	ND	1	25	1	2	2	155	.22	.20	6	12	1.24	47	.09	2	2.45	.01	.08	1	27
85-PD-073	7	590	3	25	.1	11	44	963	4.78	9	5	ND	2	11	1	3	2	59	.15	.27	4	10	.65	68	.01	2	3.27	.01	.09	2	44
85-PD-074	5	371	7	38	.2	8	18	391	7.41	10	5	ND	1	29	1	2	3	174	.33	.22	5	15	1.97	65	.20	4	3.26	.01	.06	2	25
85-PD-075	8	889	2	45	.4	10	40	580	7.63	9	5	ND	2	36	1	5	3	194	.64	.37	5	12	2.52	183	.25	17	3.74	.01	.53	2	44
85-PD-076	34	199	7	11	.2	8	25	255	9.45	7	5	ND	4	11	1	2	3	32	.10	.54	2	5	.29	27	.14	2	1.57	.01	.04	1	22
85-PD-077	32	348	7	23	.3	9	28	290	9.06	8	5	ND	3	29	1	2	9	74	.24	.42	9	9	1.05	48	.14	3	2.33	.01	.08	1	16
85-PD-078	5	1406	10	46	.1	11	17	454	7.57	6	5	ND	1	40	1	2	2	195	.44	.24	4	28	2.19	114	.23	3	3.22	.01	.51	2	70
85-PD-079	11	1711	55	64	.5	11	18	466	7.64	5	5	ND	2	10	1	3	2	124	.22	.29	2	23	2.38	104	.19	2	2.92	.01	.49	1	425
85-PD-083	8	264	10	37	.3	7	21	488	5.28	4	5	ND	2	19	1	3	2	125	.40	.34	4	6	2.68	156	.24	2	2.86	.01	.57	2	24
85-PD-084	41	354	20	37	.8	8	41	644	13.25	12	5	17	4	21	1	2	3	119	.19	.23	9	5	1.12	283	.31	3	1.23	.01	.15	2	16500
85-PD-085	9	688	2	33	.2	20	7	284	4.98	4	5	ND	2	20	1	8	2	77	.22	.14	13	14	.95	79	.11	3	2.09	.03	.06	2	300
85-PD-086	9	592	17	53	.2	12	23	1171	6.77	6	5	ND	2	48	1	2	2	165	.38	.27	11	24	1.91	87	.13	3	3.01	.01	.21	1	50
85-PD-087	7	595	4	53	.2	13	17	898	7.81	5	5	ND	3	25	1	2	2	197	.47	.61	6	36	2.55	129	.21	2	3.40	.01	.57	1	95
85-PD-088	6	947	13	45	.2	11	14	544	6.95	7	5	ND	2	30	1	2	2	206	.33	.16	4	32	2.53	53	.26	3	3.44	.01	.18	1	85
85-PD-089	3	308	7	41	.1	10	13	450	7.43	2	5	ND	1	25	1	2	2	285	.36	.25	6	22	2.54	108	.23	2	3.17	.01	.37	1	185
STD C/AU 0.5	21	58	37	132	6.9	70	23	1047	3.90	38	18	6	37	46	15	17	20	58	.48	.14	36	58	.88	173	.07	37	1.72	.05	.08	12	485

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
85-PD-090	1	595	12	42	.4	11	15	517	6.04	3	5	ND	1	27	1	2	2	145	.40	.22	2	34	2.18	108	.22	4	2.72	.02	.61	1	36
85-PD-091	1	49	5	20	1.2	4	4	280	5.71	8	5	ND	2	27	1	2	2	151	.14	.07	3	21	.59	27	.20	6	1.18	.01	.10	1	240
85-PD-092	1	1222	2	44	.1	8	16	433	7.08	4	5	ND	1	31	1	2	2	159	.40	.20	2	31	1.81	111	.19	4	2.66	.02	.57	1	65
85-PD-093	1	92	5	30	.4	7	12	465	7.89	2	5	ND	2	42	1	2	2	180	.25	.08	2	26	.83	22	.18	6	1.77	.02	.04	1	25
85-PD-094	2	1718	28	46	.5	10	26	588	6.98	6	5	ND	1	48	1	2	2	125	.50	.23	3	28	1.77	129	.19	6	3.03	.02	.53	1	230
85-PD-095	1	72	10	23	.2	7	7	382	6.04	5	5	ND	1	39	1	2	2	205	.27	.09	3	21	.65	22	.15	7	1.60	.01	.04	1	90
85-PD-096	1	164	6	29	.2	8	8	315	4.86	2	5	ND	1	42	1	2	2	134	.33	.12	5	20	.72	33	.10	4	1.79	.01	.06	1	38
85-PD-097	1	749	10	60	.2	15	22	746	8.99	2	5	ND	1	30	1	2	2	219	.40	.19	4	29	2.73	103	.26	7	3.50	.01	.47	2	185
85-PD-098	113	97	21	32	.6	7	62	187	25.40	15	5	7	4	15	1	2	2	91	.19	.39	2	1	.88	383	.13	2	.92	.01	.21	1	7450
85-PD-099	65	505	18	43	.8	13	127	579	18.34	9	5	2	2	9	1	2	2	88	.15	.25	2	7	1.29	119	.14	4	2.71	.01	.28	1	2900
85-PD-100	27	476	12	45	.2	7	104	655	15.89	23	5	ND	3	6	1	2	2	85	.09	.25	2	1	1.27	432	.17	4	1.57	.01	.46	1	580
85-PD-104	21	1397	13	46	.5	10	33	366	10.72	9	5	ND	3	42	1	2	2	185	.64	.41	6	20	2.99	221	.24	8	3.02	.01	.58	2	145
85-PD-105	3	408	5	38	.6	9	12	449	5.86	8	5	ND	1	30	1	2	2	129	.27	.17	2	23	1.75	41	.13	8	2.56	.01	.10	1	75
85-PD-106	2	287	2	36	.8	11	9	426	4.32	6	5	ND	1	23	1	2	2	93	.21	.16	2	13	1.35	39	.09	4	1.81	.01	.10	1	110
85-PD-107	1	1929	3	63	.9	13	23	943	6.79	4	5	ND	2	25	1	4	2	159	.66	.37	2	29	2.91	124	.20	8	3.49	.01	.66	2	385
85-PD-108	3	85	6	9	.5	3	5	115	3.09	5	5	ND	2	16	1	4	2	70	.10	.17	5	10	.39	16	.09	5	1.23	.01	.05	1	65
85-PD-109	7	1767	72	55	.7	10	19	496	7.69	2	5	ND	3	11	1	2	2	108	.24	.25	4	26	1.94	90	.18	10	2.56	.01	.47	1	190
85-PD-110	7	174	9	8	.5	1	3	85	3.53	4	5	ND	2	19	1	2	2	92	.12	.19	4	7	.16	41	.25	8	.63	.01	.12	3	310
85-PD-111	1	336	9	40	.1	11	9	422	5.06	9	5	ND	1	36	1	2	2	110	.19	.06	2	26	1.49	38	.20	6	2.21	.01	.10	1	52
85-PD-112	1	70	11	24	.3	8	5	325	6.31	5	5	ND	1	17	1	8	2	181	.08	.39	9	21	.89	26	.09	10	1.44	.01	.06	1	17
85-PD-113	7	125	19	12	.1	5	4	132	5.59	10	5	ND	1	25	1	2	2	104	.11	.69	9	16	.37	94	.17	9	1.14	.01	.17	1	22
85-PD-114	1	46	9	24	.2	7	6	247	5.60	3	5	ND	3	10	1	2	2	74	.13	.85	3	21	.97	82	.13	7	1.58	.02	.34	1	29
85-PD-115	1	124	14	41	1.2	7	6	396	5.33	2	5	ND	1	22	1	2	2	137	.13	.09	2	23	1.08	32	.16	6	1.63	.01	.12	2	27
85-PD-116	1	278	12	56	.4	12	12	708	7.17	5	5	ND	1	22	1	2	2	144	.34	.27	9	38	2.03	94	.21	10	2.88	.01	.36	2	32
85-PD-117	1	105	2	21	.1	8	4	289	4.11	3	5	ND	1	17	1	2	2	73	.13	.18	5	16	.59	26	.10	7	1.13	.03	.10	1	16
85-PD-118	1	331	2	57	.6	22	14	1262	6.07	10	5	ND	1	26	1	2	2	105	.25	.17	5	33	1.73	51	.15	10	2.17	.01	.13	1	165
85-PD-119	1	560	9	73	.7	17	18	1427	6.08	7	5	ND	1	37	1	2	2	134	.47	.27	6	31	2.24	114	.15	10	2.80	.01	.39	1	47
85-PD-120	1	319	2	59	.1	13	15	1387	4.86	2	5	ND	1	39	1	2	2	112	.58	.24	7	26	1.70	171	.09	9	1.93	.02	.23	1	65
85-PD-121	1	434	7	53	.3	10	11	1149	3.37	10	5	ND	2	18	1	2	2	76	.28	.17	12	16	1.02	205	.08	8	1.75	.08	.22	1	26
85-PD-122	1	249	2	41	.1	10	13	995	3.70	5	5	ND	1	31	1	2	2	99	.46	.15	14	20	1.16	193	.07	8	1.48	.05	.17	2	28
85-PD-123	1	180	2	38	.1	16	13	1010	4.18	2	5	ND	1	29	1	2	2	132	.41	.13	7	28	1.75	158	.10	9	1.75	.02	.09	2	60
85-PD-124	1	634	14	38	.1	15	15	951	3.85	4	5	ND	1	34	1	2	3	103	.47	.16	7	29	1.68	157	.09	7	1.87	.02	.10	4	125
85-PD-125	1	1621	12	94	.5	13	24	1578	8.09	11	5	ND	3	40	1	2	2	183	.65	.40	11	41	2.58	177	.23	10	3.30	.01	.74	1	80
85-PD-126	1	1001	7	37	.6	15	51	691	7.95	6	5	ND	1	27	1	2	2	160	.54	.36	9	16	2.52	548	.25	13	2.86	.01	.78	1	55
85-PD-127	4	777	16	64	.1	13	13	1084	7.87	6	5	ND	1	31	1	2	2	189	.43	.28	16	28	2.50	153	.19	16	3.17	.02	.63	4	34
85-PD-128	1	151	8	52	.2	11	10	631	6.35	3	5	ND	2	28	1	2	2	177	.24	.31	6	33	2.00	100	.19	13	2.33	.01	.51	2	26
STD C/AU-0.5	20	61	40	132	7.1	68	27	1208	3.99	41	18	7	37	48	18	15	22	59	.48	.14	40	59	.88	182	.08	38	1.72	.05	.11	12	500

CONS. SILVER STANDARD PROJECT - C1016 FILE # 85-2052

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
85-PD-129	1	65	11	28	.8	5	5	249	4.94	2	5	ND	2	33	1	2	2	116	.18	.47	4	22	.76	102	.11	2	1.15	.02	.22	1	20
85-PD-130	1	133	57	60	.2	9	14	925	6.89	2	5	ND	1	44	1	2	2	208	.40	.30	5	40	2.06	114	.21	2	2.76	.01	.42	1	20
85-PD-131	1	257	32	67	.7	9	19	1080	7.66	8	5	ND	2	36	1	2	2	207	.51	.39	7	42	2.48	148	.23	2	3.37	.01	.67	1	42
85-PD-132	1	48	2	29	.7	2	6	399	5.44	3	5	ND	1	18	1	2	3	152	.14	.46	2	16	.75	33	.08	2	1.52	.02	.11	4	80
85-PD-133	1	201	16	87	.1	11	21	2056	7.56	2	5	ND	1	43	1	7	4	245	.53	.37	11	24	2.39	218	.16	3	2.64	.01	.53	1	190
85-PD-134	1	265	12	73	.1	13	22	1820	7.01	2	5	ND	7	36	1	2	2	178	.63	.30	7	40	2.39	393	.27	2	2.99	.01	.76	1	210
85-PD-135	1	240	20	73	.1	18	22	1727	6.47	2	5	ND	1	104	1	2	2	231	1.07	.33	12	40	2.63	332	.20	2	2.70	.02	.41	3	735
85-PD-136	1	230	9	72	.1	13	22	1858	7.13	3	5	ND	2	49	1	2	2	244	.63	.39	10	38	2.26	152	.17	2	2.71	.01	.40	3	245
85-PD-137	1	209	2	25	.1	5	3	204	3.55	2	5	ND	1	12	1	2	2	83	.15	.34	10	15	.39	53	.12	2	1.41	.07	.09	4	21
85-PD-138	1	127	4	55	.2	11	14	573	6.76	6	5	ND	1	43	1	3	2	213	.52	.49	9	40	1.71	80	.15	5	2.43	.02	.26	1	200
85-PD-139	1	162	8	65	.1	16	19	1566	5.52	10	5	ND	1	48	1	2	2	194	.58	.28	11	31	2.06	121	.12	8	2.31	.02	.28	2	70
85-PD-140	1	19	2	31	.1	5	4	464	2.82	2	5	ND	1	14	1	2	2	57	.19	.37	6	18	.49	61	.12	3	.82	.06	.12	1	65
85-PD-141	3	37	2	27	.5	3	2	162	1.35	3	5	ND	1	24	1	2	2	35	.38	.13	2	7	.15	97	.03	3	.27	.01	.05	2	12
85-PD-142	2	29	2	21	.9	3	3	195	3.34	2	5	ND	1	18	1	2	2	59	.17	.50	5	15	.32	34	.11	2	.68	.03	.08	1	17
85-PD-143	1	76	8	38	.1	7	10	394	4.87	2	5	ND	1	32	1	2	2	130	.40	.33	4	24	1.00	137	.10	2	1.26	.01	.18	1	52
85-PD-144	1	62	15	51	.1	10	15	1024	5.65	3	5	ND	1	43	1	2	2	169	.58	.34	6	20	1.49	127	.13	2	1.59	.02	.28	1	110
85-PD-145	1	47	3	30	.1	6	9	420	3.39	2	5	ND	2	65	1	2	2	107	.66	.19	2	9	.99	125	.10	3	1.02	.01	.17	2	44
85-PD-146	6	100	8	66	.1	15	20	1070	5.69	4	5	ND	1	218	1	2	2	228	2.04	.37	9	38	2.28	298	.12	5	2.31	.02	.20	2	56
85-PD-147	3	80	7	48	.1	9	19	1009	5.78	2	5	ND	1	149	1	2	2	224	1.19	.22	5	35	1.78	220	.13	2	1.90	.02	.15	2	50
85-PD-148	25	88	15	51	.1	9	22	709	7.33	10	5	ND	5	51	1	3	2	303	.57	.22	7	27	1.62	129	.18	4	2.43	.01	.07	6	115
85-PD-149	78	102	19	54	.1	5	27	1669	7.76	18	5	ND	3	49	1	2	2	295	.31	.49	12	29	1.08	83	.16	5	3.16	.01	.07	12	90
85-PD-150	60	43	15	23	.1	3	11	1193	7.50	14	5	ND	4	50	1	2	2	385	.28	.35	5	22	.53	53	.26	2	1.43	.01	.04	5	70
STD C/AU 0.5	21	62	40	135	7.1	69	28	1176	3.97	41	17	7	39	49	16	16	20	63	.48	.15	39	62	.88	178	.08	40	1.72	.07	.11	11	480

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

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 -80 MESH AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.

DATE RECEIVED: SEPT 17 1985 DATE REPORT MAILED: Sept. 25/85 ASSAYER. D. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

CONS. SILVER STANDARD PROJECT - C1016 FILE # 85-2410 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
85-PD-151	3	421	10	68	.1	15	39	1067	7.54	9	5	ND	3	61	1	2	5	190	1.02	.45	16	42	3.28	443	.31	2	3.74	.01	1.14	1	55
85-PD-152	5	360	53	119	.2	13	51	1461	9.72	22	5	ND	3	37	1	2	4	176	.49	.38	15	35	2.46	165	.27	2	3.96	.01	.75	1	160
85-PD-153	17	377	39	108	.1	9	39	995	13.72	52	5	ND	2	49	2	2	3	128	.41	.29	17	28	2.14	111	.21	2	3.09	.01	.61	1	80
85-PD-154	2	217	16	68	.2	14	30	1050	7.61	8	5	ND	2	39	1	2	4	197	.43	.27	11	38	2.70	156	.27	2	3.93	.01	.82	1	26
85-PD-155	3	252	26	83	.2	11	37	1145	7.64	12	5	ND	2	46	1	2	3	168	.50	.28	12	35	2.42	144	.24	5	3.96	.01	.71	1	75
85-PD-156	14	121	13	22	.2	4	16	437	7.88	4	5	ND	1	20	1	2	2	151	.10	.65	6	15	.25	56	.11	2	.92	.01	.11	1	150
85-PD-157	1	353	10	75	.2	10	38	1135	6.61	12	5	ND	2	65	1	2	3	176	.66	.25	9	37	2.87	277	.23	2	3.39	.01	.84	1	27
85-PD-158	5	109	10	52	.1	9	26	847	8.70	17	5	ND	2	49	1	2	5	196	.53	.36	11	37	2.58	133	.24	2	3.28	.01	.60	1	42
85-PD-159	1	302	15	61	.1	13	43	1325	5.40	4	5	ND	1	68	1	2	4	154	.57	.22	10	30	2.09	127	.20	4	3.97	.01	.56	1	58
85-PD-160	3	192	21	85	.2	13	37	1192	7.83	20	5	ND	2	42	1	2	6	200	.53	.30	13	40	2.79	157	.25	2	3.98	.01	.84	1	51
STD C/AU-0.5	21	58	38	131	7.1	69	28	1131	3.91	37	18	7	36	50	17	15	21	56	.48	.15	38	59	.88	178	.07	38	1.72	.06	.11	11	510

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED OCT 8 1985

DATE REPORTS MAILED Oct 12, 1985

GEOCHEMICAL ASSAY CERTIFICATE

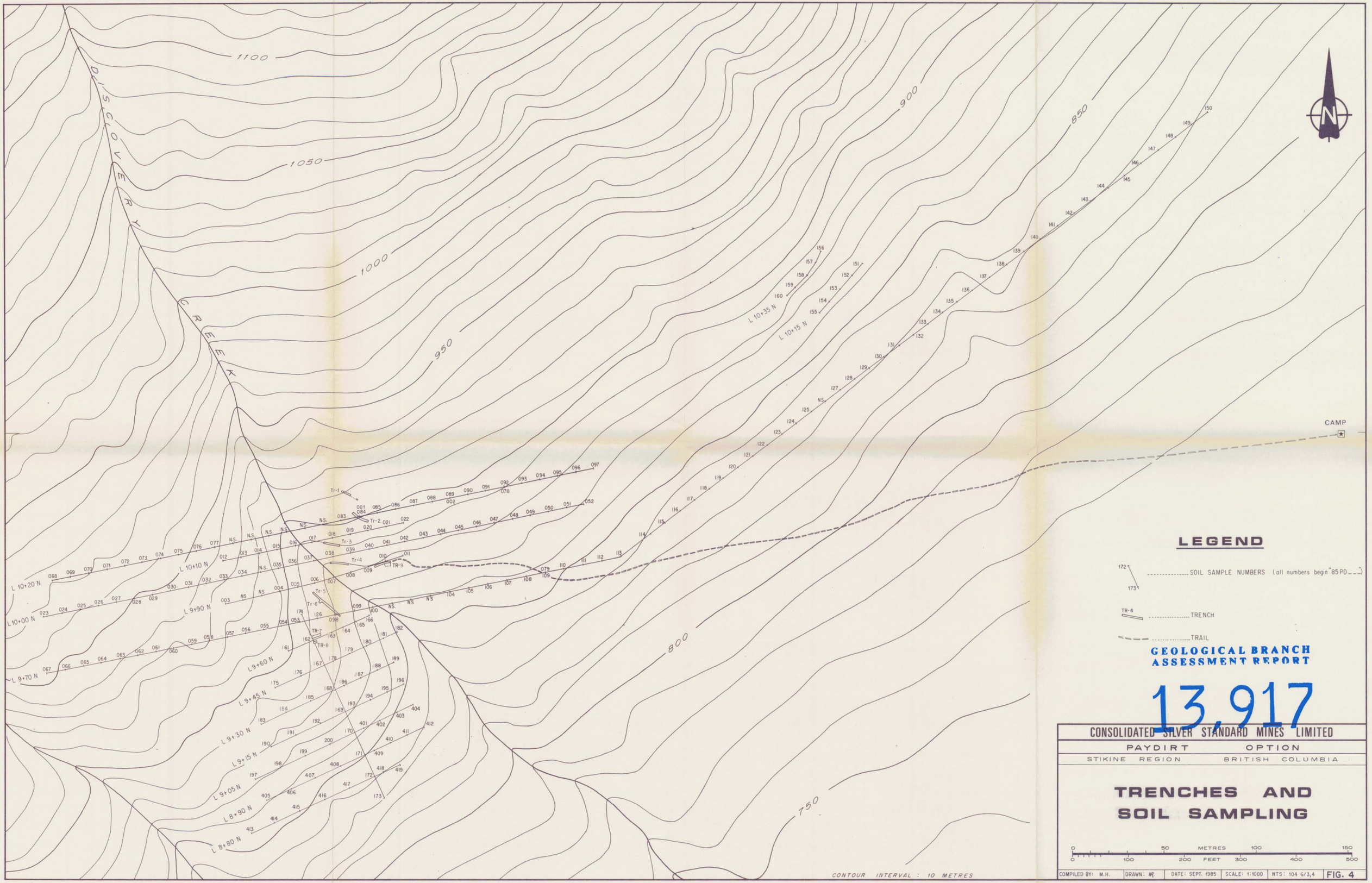
SAMPLE TYPE : SOILS -80 MESH
AU* - 20GM IGNITED. HOT AQUA REGIA LEACHED. MIBK EXTRACTION. AA ANALYSIS.

ASSAYER: D. Toye DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

CONS. SILVER STANDARD PROJECT C1016 FILE# 85-2712 PAGE# 1

SAMPLE	Au* ppb
85-PD-161	60
85-PD-162	16
85-PD-163	125
85-PD-164	26
85-PD-165	160
85-PD-166	390
85-PD-167	36
85-PD-168	28
85-PD-169	39
85-PD-170	32
85-PD-171	18
85-PD-172	155
85-PD-173	100
85-PD-174	9
85-PD-175	150
85-PD-176	260
85-PD-177	9
85-PD-178	5
85-PD-179	11
85-PD-180	150
85-PD-181	110
85-PD-182	50
85-PD-183	150
85-PD-184	75
85-PD-185	60
85-PD-186	17
85-PD-187	31
85-PD-188	23
85-PD-189	90
85-PD-190	80
85-PD-191	50
85-PD-192	60
85-PD-193	11
85-PD-194	23
85-PD-195	16
85-PD-196	160

SAMPLE	Au* ppb
85-PD-197	47
85-PD-198	19
85-PD-199	320
85-PD-200	275
85-PD-401	25
85-PD-402	30
85-PD-403	33
85-PD-404	75
85-PD-405	170
85-PD-406	250
85-PD-407	45
85-PD-408	205
85-PD-409	18
85-PD-410	65
85-PD-411	34
85-PD-412	17
85-PD-413	110
85-PD-414	13
85-PD-415	9
85-PD-416	24
85-PD-417	60
85-PD-418	17
85-PD-419	36



LEGEND

172 / 173 ..... SOIL SAMPLE NUMBERS (all numbers begin "85PD---")

TR-4 ..... TRENCH

..... TRAIL

CONSOLIDATED SILVER STANDARD MINES LIMITED

PAYDIRT OPTION

STIKINE REGION BRITISH COLUMBIA

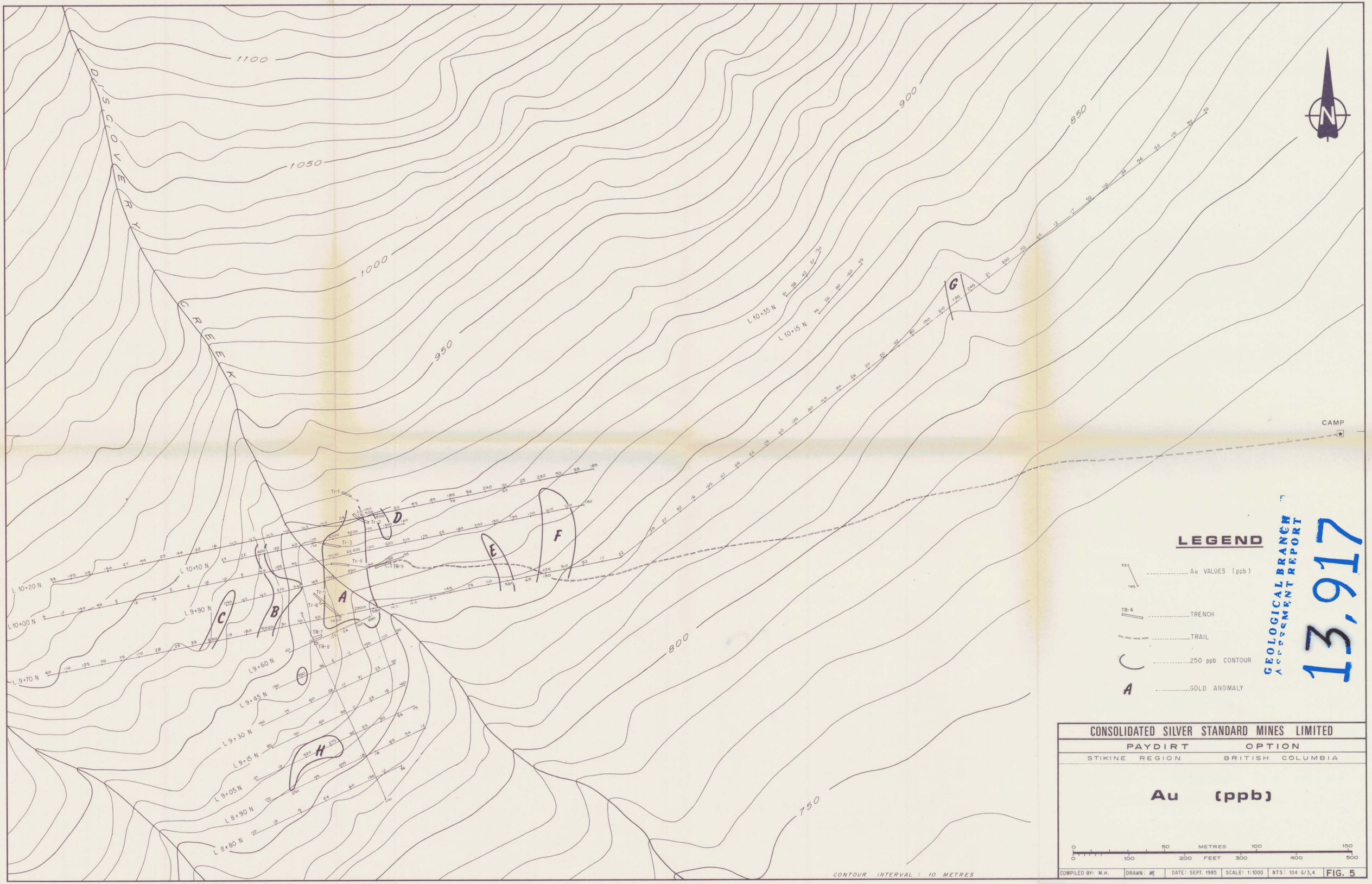
TRENCHES AND SOIL SAMPLING

0 50 METRES 100 150

0 100 200 FEET 300 400 500

CONTOUR INTERVAL : 10 METRES

COMPILED BY: M.H.	DRAWN: MR	DATE: SEPT. 1985	SCALE: 1:1000	NTS: 104 G/3,4	FIG. 4



LEGEND

- Au VALUES (ppb)
- TR-4 ..... TRENCH
- ..... TRAIL
- ..... 250 ppb CONTOUR
- A ..... GOLD ANOMALY

CONSOLIDATED SILVER STANDARD MINES LIMITED

PAYDIRT OPTION

STIKINE REGION BRITISH COLUMBIA

Au (ppb)

0 50 METRES 100 150

0 100 200 FEET 300 400 500

COMPILED BY: M.H.	DRAWN: WR	DATE: SEPT. 1985	SCALE: 1:1000	NTS: 104 G/3,4	FIG. 5

FATHER

PAYDIRT

DAUGHTERS

GRID

CAMP

MOTHER CREEK

SPLIT

L.C.P. PAYDIRT - CLAIM

WIFE

ICE

SAND

LEGEND

- ⊗ ..... CAMP
- ..... TRAIL
- ..... SAMPLING GRID
- ■ ..... LEGAL CORNER POST
- ..... CLAIM LINE (Observed)
- ..... CLAIM LINE (Assessed)
- +ᵉˡ ..... SPOT ELEVATIONS

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,917

FIG. 3

CONSOLIDATED SILVER STANDARD MINES LTD.

PAYDIRT OPTION

PROPERTY MAP AND GRID LOCATION

±100 0 100 200m

SCALE = 1:5000 CONTOURS = 10 METRES

NTS: 104 G/3,4

MAP BY EAGLE MAPPING SERVICES LTD. (85-45) JULY 1985.
COMPILED FROM 1982 AIR PHOTOS