1025

ASSESSMENT REPORT

for HAWK CLAIM GROUP

Vancouver Mining District

NTS 92-G-14W

Latitude 49 degrees 56 minutes 45 seconds North
Longitude 123 degrees 24 minutes 45 seconds West

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,889

Part 1 of 2

Pavel Mazacek
Geologist

VALENTINE GOLD CORPORATION

October 10, 1988

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1.0 INTRODUCTION

The Hawk Claim Group consists of 92 units and it is located 45 kilometers northwest of Squamish, B.C. The property is owned by Tenquille Resources Ltd of 789 West Pender Street, Vancouver, B.C. and the operator is Valentine Gold Corporation of 666 Burrard Street, Vancouver, B.C. under the terms of option agreement.

The exploration and evaluation program was conducted from April 1988 to the present and consisted of claim wide prospecting, mapping and sampling and underground mapping, sampling and drilling.

The work and results described within this report are intended to fulfill the assessment requirements for the Hawk Claim Group as outlined on the Statement of Exploration and Development forms filed on August 15, 1988.

1.1 LOCATION AND ACCESS

Hawk Claim group is located approximately 45 kilometers northwest of Squamish and 110 kilometers north-northwest of Vancouver in southwestern British Columbia (Figure 1). Access to the property is by vehicle from Vancouver, 70 kilometers north on Highway 99 to Brackendale, and 40 kilometers northwest on paved and gravel roads along the Squamish River to Ashlu Creek, where several recent logging roads transect the claims.

Physiography and Climate

The claims lie on the steep slopes around Ashlu Creek at elevations of 400 meters along the creek to 1310 metres uphill to the west. Vegetation is coastal coniferous forest but recent logging has removed most of the forest cover. The climate is characterized by warm, dry summers and cool, wet winters.

Accommodation and Labour

Atco trailers in the old mine camp are convenient for room and board. Some work was done in order to upgrade the water lines and electrical system.

1.2 CLAIM STATUS

The Ashlu property consists of 8 contiguous claims, Hawk 1-8 totalling 92 units and covering 2300 hectares. Total annual assessment on the claims is $18,400.

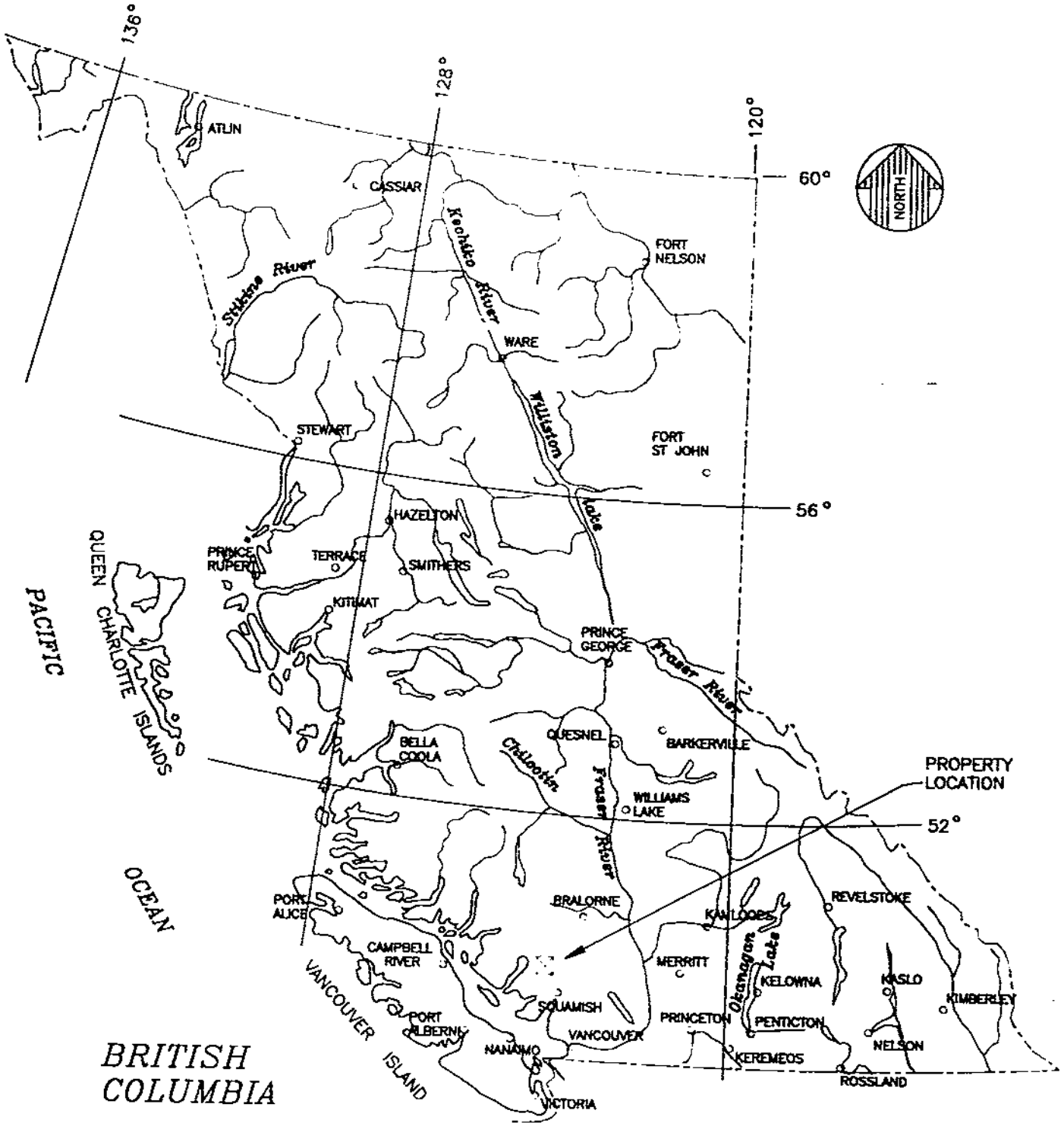


Fig.-1

VALENTINE GOLD CORPORATION
ASHLU GOLD MINE
Location Map

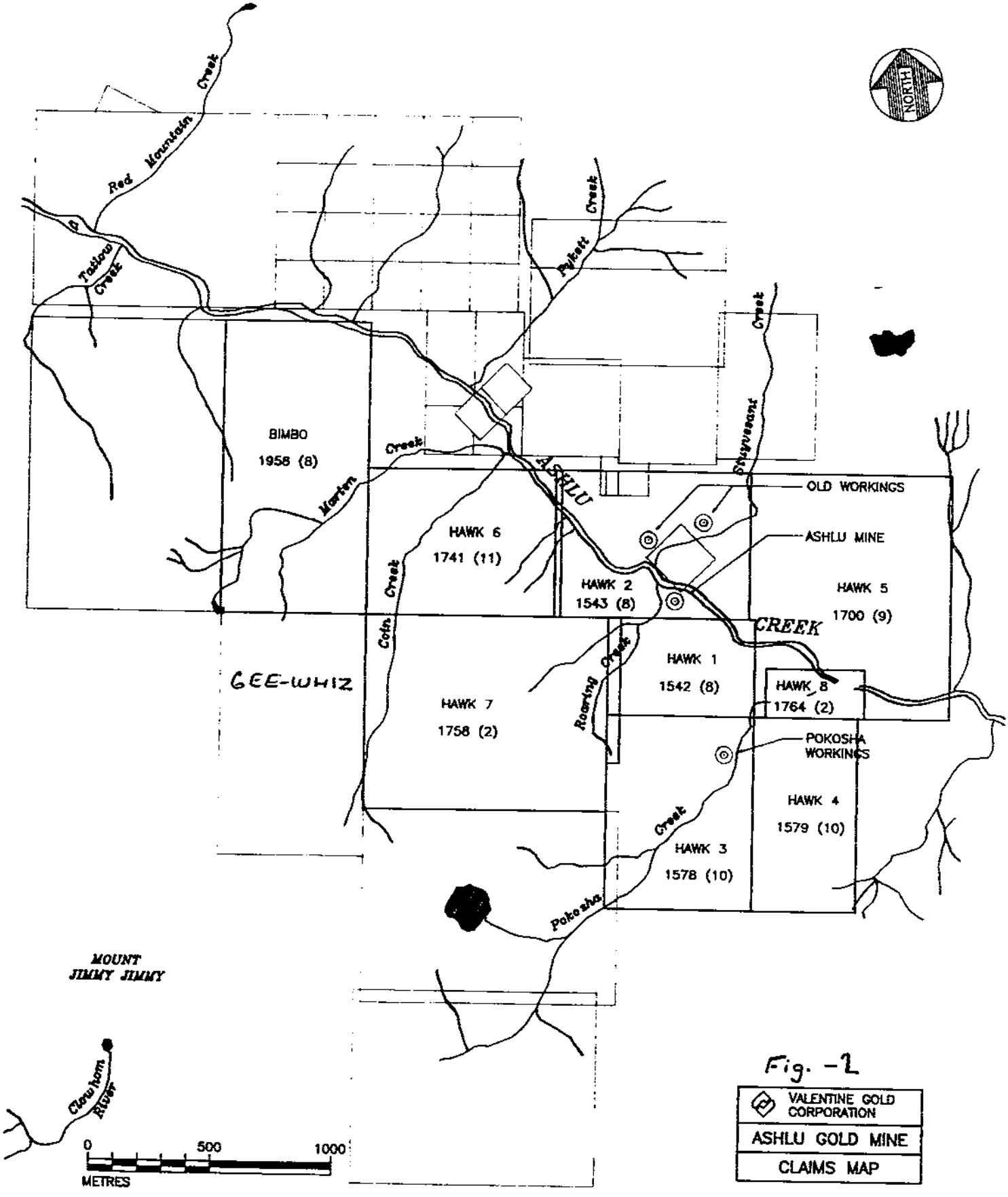
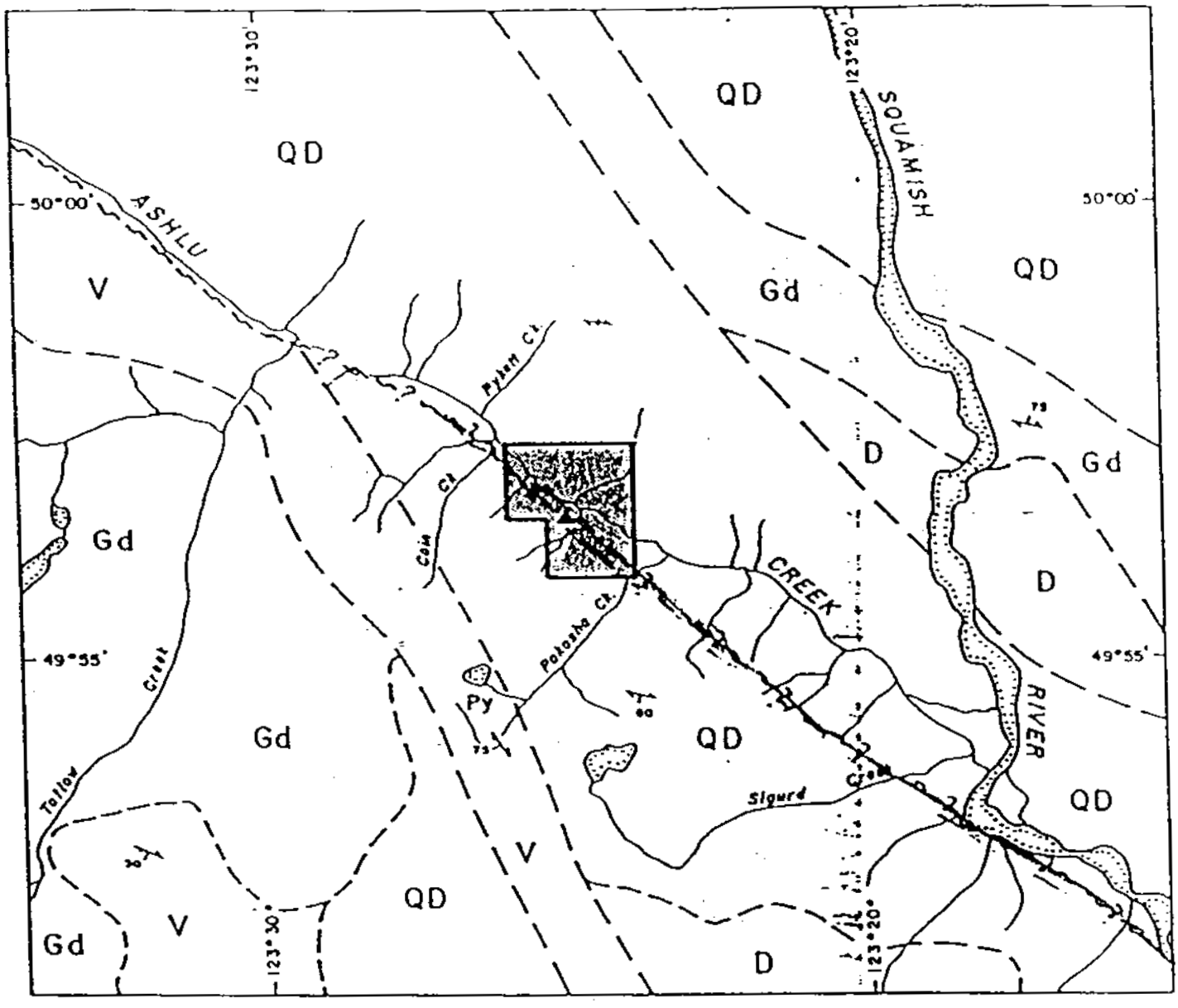


Fig. -2

VALENTINE GOLD CORPORATION

ASHLU GOLD MINE

CLAIMS MAP



D · · · Diorite, minor gabbro

Gd · · · Granodiorite

QD · · · Quartz diorite

V · · · Gambier Gp. andesite, rhyodacite flows, pyroclastics; greenstone, argillite

— — · · Inferred geologic contact

~ ~ ~ · · Inferred fault

· · Bedding, foliation; strike, dip

Py · · Pyrite showing

▲ Ashlu creek gold – tungsten deposit

SCALE 1:125000

5000 0 5000 Metres

N

TENQUILLE RESOURCES LTD.			
ASHLU CREEK PROPERTY			
REGIONAL GEOLOGY			
WORK BY	DRAWN	DATE	FIGURE
Revised		N.T.S. 92 G/14	3

Names of Claims	Approx. No. of Units	Record Numbers	Expiry Dates
Hawk #1	6	1542(8)	August 24, 1988
Hawk #2	12	1543(8)	August 24, 1988
Hawk #3	12	1578(10)	October 31, 1988
Hawk #4	8	1579(10)	October 31, 1988
Hawk #5	20	1700(9)	September 10, 1988
Hawk #6	12	1741(11)	November 30, 1988
Hawk #7	20	1758(2)	February 4, 1988
Hawk #8	2	1764(2)	February 22, 1988

1.3 Mining History

Ashlu prospect was first staked by F. Pykett and Associates in 1923 to cover a gold quartz vein in Roaring Creek Canyon. By 1925, two short drifts had been driven, one on either side of Ashlu Creek.

After two different optionees drilled the property, Ashlu Creek Mining Syndicate acquired the claims in 1935 and undertook mine development and mill installation. From 1932 to 1939, a total of 15,047 tons of ore produced 6,493 oz. Au., 7,483 oz. Ag. and 70,817 lb. Cu. at recovered grades of 0.43 opt Au., 0.50 opt Ag. and 0.24% Cu.

When Ashlu Mine closed in 1939, it remained dormant for 32 years until W. Babkirk restaked the ground in 1971 and optioned it to Ashlu Gold Mines in 1975. Diamond drilling and underground sampling was carried out until 1978, when the option was dropped.

Osprey Mining and Exploration leased the property from 1979 to 1985, when they carried out diamond drilling, drove two declines, built a 100 tpd mill and tailings pond and attempted but failed to go into production. Tenquille Resources Ltd. acquired the property in 1985. In 1987, Cooke Geological Consultants undertook a sampling program underground and postulated following reserves. A proven ore reserves of 8,500 tons of ore grading 0.25 opt gold. Possible reserves of 30,000 tons in the footwall vein and 60,000 tons down dip of the vein.

In 1988, Valentine Gold Corporation took an option on the property from Tenquille Resources.

2.0 GEOLOGY

2.1 Regional Geology

The Ashlu Creek property lies within the Coast Crystalline Complex. This consists of extensive areas of leucocratic quartz diorite, granodiorite and diorite bodies of Cretaceous age. These have been injected into and along the margins of Gambier Group greenstone belts and appear to be fault-related. The Gambier unit, also of Cretaceous age, consists of a

series of steeply-dipping rocks 10 to 20 km (7 to 14 miles) long and 0.5 to 3 km (0.3 to 2 miles) wide, trending northwest. They are composed of andesite to rhyodacite flows and pyroclastics, greenstone, argillite and minor zones of conglomerate, limestone and schist. In many places these rocks have been metamorphosed up to amphibolite grade (Figure 3).

2.2 Property Geology

Granodiorite and quartz diorite underlie much of the claims, enclosing two elongate roof pendants of biotite and amphibole hornfels. One of these metavolcanic inliners trends northwesterly through the mine area and another parallels it uphill to the southwest.

3.0 GEOPHYSICS

During May 24 to May 29, 1988 Valentine Gold contracted Pacific Geophysical Ltd., Vancouver, BC. to run IP, Resistivity and Mag-VLF Survey on the surface over the Ashlu Mine area.

The objective of this survey was to trace an underground ore shoot or ore shoots and enlarge the possible down dip ore reserves. Prior to May 24 a grid was established over the Ashlu Mine area. It consisted of 11 lines 500 meters long (see Map 6)

The IP survey over this area failed to produce any anomalies. The ore is probably too erratic to produce IP anomalies. The Resistivity survey has produced an anomaly, however it's origin is probably an interface between the deep glacial overburden and bedrock.

One Magnetic line was established along the main mine road at 10 meter intervals (see Map 6). The purpose of this survey was to outline the southern extension of mine vein along the surface. The magnetic readings failed to produce any anomalies.

4.0 SURFACE EXPLORATION

4.1 Mapping and Prospecting

Two types of rock are exposed on the property as mapped (See Map 5); granodiorite and basic volcanic rocks.

The granodiorite includes two varieties. A light to medium coloured, fairly coarse grained rock that resembles granite or quartz diorite, and a darker coloured coarse grained rock that is a granodiorite. The darker variety is due to the inclusion of a higher percentage of ferromagnesian minerals.

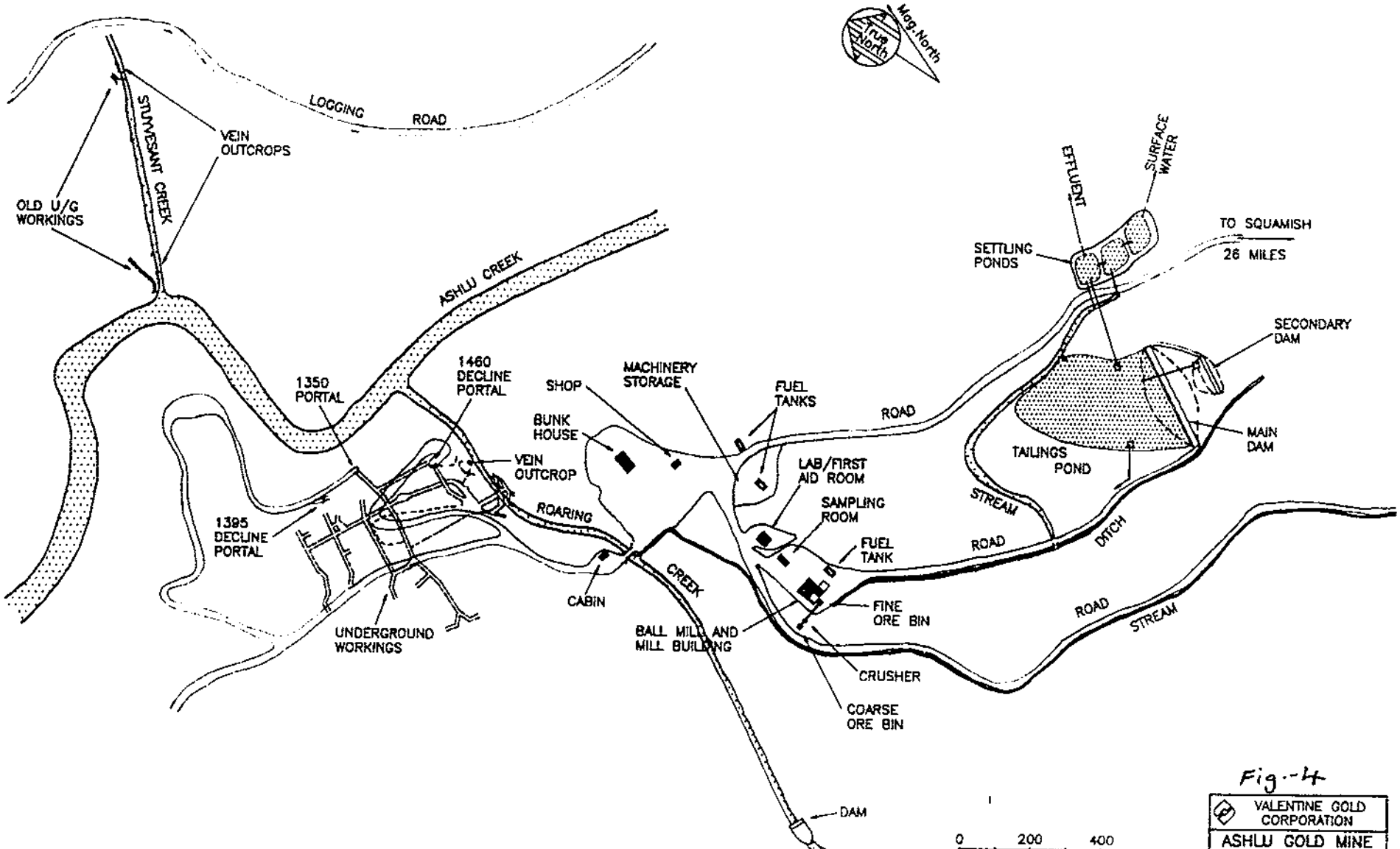


Fig.-4

VALENTINE GOLD CORPORATION

ASHLU GOLD MINE

SURFACE PLAN

The basic volcanic rocks are exposed mainly in the creek cuts. They are fine grained, dark green in colour and andesite-basalt in composition. Hornblende and biotite are the dominant mafic minerals.

Vancouver Petrographics reported on several samples taken from hornfelses in the mine. They describe the rocks as a very fine grained, slightly banded metamorphosed andesites. (Appendix 3)

The mapping and prospecting in Ashlu Valley is very difficult. The terrain is extremely rugged and steep.

The prospecting emphasis was put on creeks draining to Ashlu River. The creeks are approximately parallel to the strike of the mine dyke and the assumption was that the creeks may be caused by structures.

The prospecting targets were quartz veins and the remnants of Gambier Group pendants.

The results of the mapping were put on 1:5000 map (see Map 5). The mapping has shown that approximately 95% of the rock belongs to Crystalline Complex granodiorites. The exposure of Gambier Group is quite rare. One area of interest which has emerged from prospecting is an area located on the southern bank of Ashlu River close to a creek located between the Roaring and Pokosha Creeks. The showing consists of a quartz vein, which is partly submerged in the Ashlu River and is probably 1 meter wide. The vein sits in granodorite and contains sulphides and tellurides visually similar to the mine mineralization. The orientation of the quartz vein is 10 degrees/15 degrees East. The vein assayed 0.121 oz/t.gold over one meter. It seems to pinch out to the west and disappears into the Ashlu River to the east.

4.2 Pokosha Showing

The Pokosha showing was described in a report by P. Sevensma (1978) to Ashlu Mines Ltd. It consists of a quartz vein, which is almost 10 meters wide (330/60S) and contains some spectacular aggregates of sulphide minerals. The quartz vein is situated at the contact of dacite and granodiorite. A 10 meter long old tunnel shows a good cross section of the Pokosha showing. In 1978, P. Sevensma, a geological consultant for Ashlu Mines, took a "representative" 50 foot chip sample from the surface over the vein and dacite and reported a value of 0.5 oz/ton Au. The showing was subsequently drilled by P. Sevensma in 1979 but the values were low.

The showing was examined and sampled by Valentine Gold personnel on the surface (DF-8-R to DF-15-R) and in the tunnel (PZ-1 to PZ-13). The gold and silver values were uniformly low.

4.3 Old Core Sampling

At the beginning of the project, all old core on the property was collected and investigated. Approximately 2/3 of the core located was of no use, since all markings on core boxes were faded or the location of the drill hole was not known. The remainder of the core was investigated and portions of it, containing quartz or sulphides, were split and sent for gold analysis. 121 samples were assayed, but the results were uniformly low.

4.4 Soil Sample Survey

In the summer of 1987, Cooke Geological Consultants conducted a soil sample survey on the Hawk Claims. Soil samples were taken at 25 meter intervals along the roads following the Ashlu River. One line was taken on the south side of Ashlu River (R-1) and second line on the north side (R-2) (see Figure 5). Altogether, 407 soil samples were collected. 10 samples showed values over 20 ppb Au and four samples were over 200 ppb Au. All anomalous sites were prospected and when possible, rock samples were taken.

4.5 Silt Sampling

A silt sampling is very difficult on this property due to the fact that the Ashlu Valley is very steep and all creeks draining into the Ashlu River are very fast. Therefore, it is sometimes impossible to collect enough silt to have a meaningful sample.

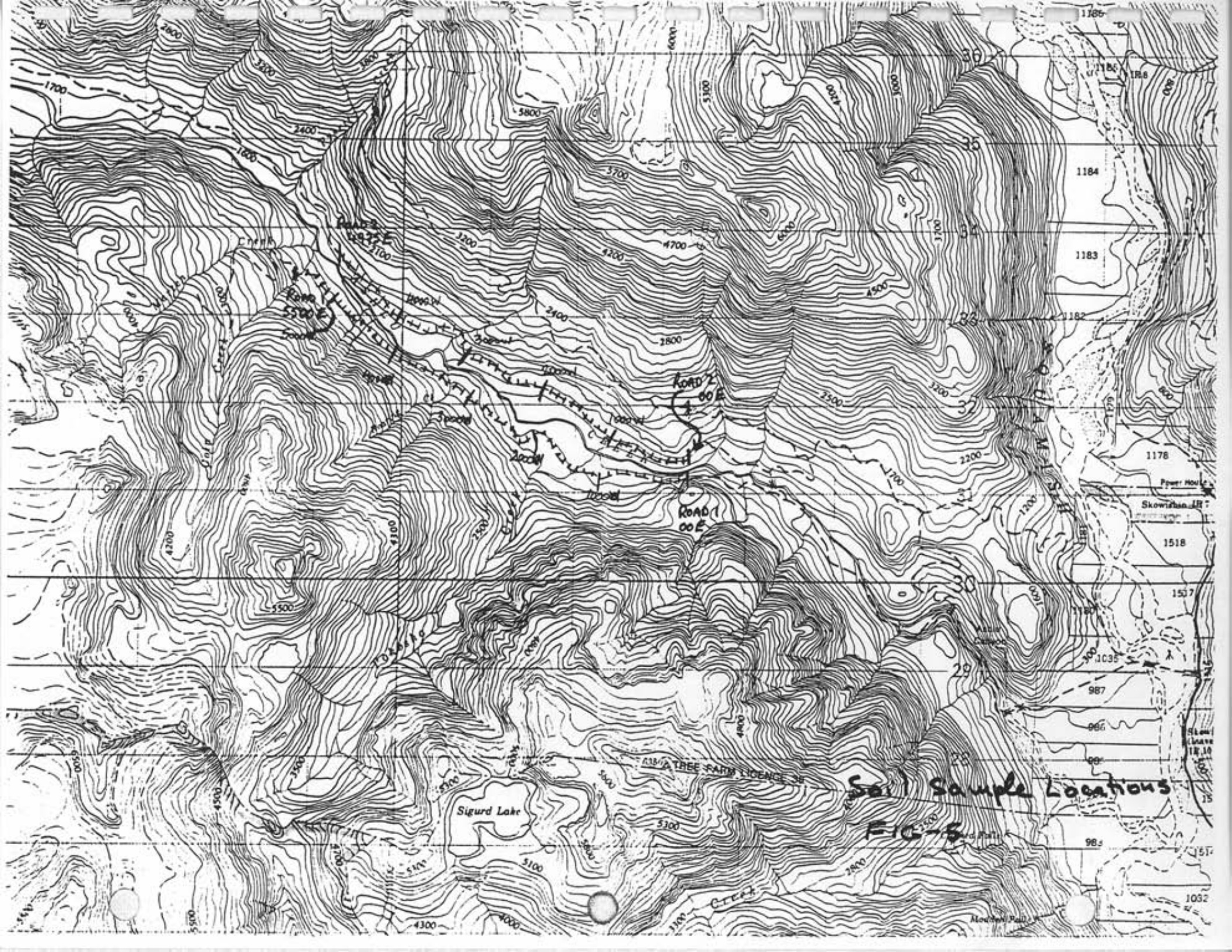
7 creeks draining to Ashlu River were sampled. Silt was collected and screened by 20 mesh screen. All the -20 mesh material was sent for analysis. Only the Stuyvessant Creek proved to be weakly anomalous (80 ppb Au) (see Map 5).

5.0 UNDERGROUND WORK

5.1 Mine Geology

All mining was done along the plane of the vein, which dips west at 25-30 degrees. At the lowest level vein dip steepens to 35 degrees. The quartz vein is situated at the hangingwall, of an elongated roof pendant of biotite and amphibole hornfels. The hornfels unit strikes north 15 degrees east and is up to 15 feet wide. The quartz vein varies in width between 0.2 - 3.0 meters. Most of the underground workings follow this vein over a strike length of 300 feet and down dip for 280 feet.

The quartz vein consists of massive to cleaved white quartz with pods, streaks and disseminations of pyrite and pyrrhotite, especially near the vein walls. Gold values are closely related to sulphide minerals. Minor chalcopyrite, scheelite and sphalerite also occur in the quartz vein.


ROAD 2
00E
ROAD 1
00E
Sigurd Lake
A TREE FARM LICENCE 38
Soil Sample Locations
FIG-5

Gold does occurs as a native gold of a very fine size (0.01 - 0.04 mm) but mainly it seems to be associated with tellurides, (tellurbismuth, calaverite, frohbergite, hessite and altaite.)

5.2 1987 Underground Sampling and Mapping program

During the summer of 1987, the underground workings were mapped and sampled by Cooke Geological Consultants of Vancouver, B.C. Detailed geological mapping was carried out on all levels underground at the scale of 1:200 (Map 2). Wall sections show how the quartz vein pinches and swells along strike, with quartz diorite hangingwall and on amphibolite hornfels footwall.

A total of 511 channel samples were taken at 2 meter intervals along both walls of Levels 1350, 1300, 1250, 1200 and winzes A, B, C, D, E and G.

Reserves postulated by Cooke Geological Consultants were as follows:

proven - 8,500 tons at 0.25 oz/ton Au.
possible - 90,000 tons at 0.25 oz/t Au.

5.3 1988 Underground Sampling and Mapping Program

5.3.1 Check Sampling

Although the 1975 sampling and sampling by Cooke Geological Consultants in 1987 generally agree in mineralized trends, some check sampling was performed in the areas of greatest discrepancies between these two sampling programs.

The check sampling program by Valentine Gold Corporation seems to indicate that our sample values are much closer to values taken in 1987 but even here are discrepancies. This shows that sampling is very difficult due to the random location of mineralized pods. (see Table I).

TABLE I

Level	1975 Sampling oz/ton Au (m)	Cooke Geo. Sampling oz/ton Au. (m)	Valentine Sampling oz/ton Au. (m)
1300	0.4 (1.0)	0.07 (0.5)	CS #1 0.002 (0.9)
1300	0.512 (1.0)	0.008 (0.7)	CS #2 0.178 (1.0)
1300	0.152 (1.7)	0.01 (0.4)	CS #3 0.039 (0.9)
1300	0.612 (1.1)	0.15 (1.0)	CS #4 0.031 (1.0)
1300	0.360 (1.4)	0.34 (1.34)	CS #5 0.439 (1.5)

5.3.2 Mapping and Sampling

Most of the underground was mapped by Cooke Geological Consultants in 1987. Some additional mapping was done in winze "F" which was not mapped previously (see map 1)

Winze "F" showed very good values in 1975 sampling (12.12 oz/3.3 ft, 8.4 oz/2 ft) but it was not sampled in 1987. This area was re-sampled by Valentine Gold personnel and substantiated previous testing. The best value was 8.6 oz/ton Au over 0.4 m.

Additional sampling was done at the end of the Decline 14-12. One sample assayed 1.316 oz/ton Au over 1.2 meters.

5.3.3. Underground Drilling

As seen in underground mapping (see Map 1) quartz vein divides in several places and dives into the footwall hornfels. The only place in the mine where a cross cut has been driven into the footwall is on 1250 level. It can be seen that quartz vein thickens here considerably and gold values up to 3 oz/ton were reported by sampling (1987).

Therefore, one of the targets of underground exploration was to test the possibility of a second quartz vein, located in the footwall of mine hornfels.

The underground workings are usually too spatially restricted to lend themselves to conventional underground drilling. Therefore a jackleg drilling method was used. Altogether nine holes were drilled.

Hole No.	Horizontal	Remarks (depth proj. perpendicular to dip)
1	x	Drilled 13'. All in quartz diorite
2	x	lost at 4'
3	x	0-5' in hornfels and quartz, then quartz diorite
5	x	Lost at 12' 6", all in hornfels
6	x	0 - 4.6' in hornfels, 4.6'-16' in quartz diorite
8	x	0 - 3.2' in hornfels, 3.2'-10' in quartz diorite
9	x	0 - 12.7' in hornfels, lost the hole
4	65 deg. up	0 - 26' green, grey andesite, min. sulphides
7	65 deg. up	1 - 8' green grey andesite 8 - 13' quartz diorite

Two holes (4 and 7) were drilled at 65 degrees up at 105 degree bearing. Both holes failed to intersect any quartz. The remaining holes were drilled horizontally at 105 degree bearing. The thickness of hornfels proved to be variable from 0 - 13'. The assays were uniformly low.

6.0 CONCLUSION

1. The nature of the deposit, a tabular body hosting ore shoots of irregular disseminated higher grade material, responds best to direct underground exploration (drifting, raising, etc.). Diamond drilling, on the surface or underground, would be useful in defining controls of mineralization, but drilling for ore reserves may prove to be too small a sample to be statistically valid.

   However, a diamond drilling program would be useful to test the southern extension of the ore zone for possible displacement. On 1350 Level the quartz vein pinches out very close to a fault (270 degrees, 90 degrees). (10 meters past Winze "F" where extremely high levels of gold were found) Underground workings in this area should be scaled to accommodate an underground drill and several holes should be drilled up and down.

2. Surface IP program did not prove successful, but an underground IP could prove useful in delineating ore shoots.

3. Several surface drill holes on the down dip extension should be considered.

4. Further prospecting on Hawk claims is necessary.

7.0 EXPENSES

Field Equipment	$ 237.43
Automobile Repairs	610.54
Automobile Fuel	1,730.54
Plant Fuel	5,079.88
Field Equipment Rental	101.29
Repairs and Maintenance	1,659.40
Telephone	399.44
Travel Expenses	2,511.69
Wages - Administration	10,723.15
Wages - Field	24,624.34
Employee Benefits	10,770.87
Accomodation	7,177.89
Consultants - Geophysical	6,348.00
Consultants - Mining	1,620.10
Consultants - Engineering	2,600.00
Office Supplies	284.36
Field Supplies	1,283.84
Sample Prep & Assays	4,617.75
Maps and Publications	2,381.80
Filing and Recording Fees	110.00
Contract - Drilling	12,412.34
TOTAL	$97,284.65

8.0 STATEMENT OF QUALIFICATIONS

I, PAVEL MAZACEK, of the City of Vancouver, Province British Columbia certify that:

1) I am a geologist, residing at 805 - 1905 Robson Street, Vancouver, B.C.

2) I graduated from University of Western Ontario with an Honours degree in Economic Geology in 1976.

3) I have worked in gold and uranium exploration since 1976.

4) I have been employed as a Geological Consultant for Valentine Gold Corporation of Vancouver, B.C. since April, 1987.

P. Mazacek

Pavel Mazacek.

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APPENDIX I

ASSAYS

SURFACE ROCK SAMPLES

Comments

CERTIFICATE OF ANALYSIS A8819853

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
PM-01-R	208	--	0.001
PM-02-R	208	--	< 0.001
PM-03-R	208	--	0.007
PM-60-R	208	--	0.074
PM-61-R	208	--	0.004
PM-62-R	208	--	0.121
PM-63-R	208	--	0.002
PM-64-R	208	--	< 0.001
PM-65-R	208	--	< 0.001
PM-66-R	208	--	< 0.001
PM-79-R	208	--	< 0.001
PM-80-R	208	--	< 0.001
PM-81-R	208	--	< 0.001

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Page No. : 1-A
Tot. Pages: 2
Date : 21-JUN-88
Invoice # : I-8816858
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816858

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Te ppm	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
PM-04-R	208	238	< 0.001	< 0.05	0.49	< 0.2	25	150	< 0.5	< 2	0.14	< 0.5	1	113	3	0.76	< 10	< 1	0.19	< 10	0.0
PM-05-R	208	238	< 0.001	< 0.05	0.60	< 0.2	15	90	< 0.5	2	0.06	< 0.5	3	37	5	1.09	< 10	< 1	0.40	< 10	0.2
PM-06-R	208	238	< 0.001	< 0.05	4.26	< 0.2	< 5	430	< 0.5	< 2	0.65	< 0.5	25	79	3	5.63	10	< 1	3.56	10	3.0
PM-07-R	208	238	< 0.001	< 0.05	3.08	< 0.2	< 5	240	< 0.5	< 2	1.07	< 0.5	17	56	< 1	5.56	10	< 1	0.57	10	2.4
PM-08-R	208	238	< 0.001	< 0.05	1.83	< 0.2	5	660	< 0.5	< 2	0.23	< 0.5	12	74	21	3.05	< 10	< 1	1.03	< 10	1.3
PM-10-R	208	238	0.010	19.50	0.13	3.6	15	30	< 0.5	28	0.03	< 0.5	74	74	55	9.60	< 10	< 1	0.07	< 10	0.0
PM-11-R	208	238	< 0.001	0.35	0.92	< 0.2	5	110	< 0.5	6	0.39	< 0.5	3	81	< 1	1.62	< 10	< 1	0.30	10	0.0
PM-12-R	208	238	< 0.001	0.35	0.47	1.8	25	150	0.5	< 2	0.04	2.0	9	70	119	5.57	< 10	< 1	0.18	10	0.0
PM-13-R	208	238	0.002	2.50	4.11	7.6	5	870	0.5	< 2	1.31	3.0	32	41	4200	5.87	10	1	1.22	10	2.1
PM-14A-R	208	238	< 0.001	< 0.05	0.71	< 0.2	< 5	20	< 0.5	< 2	6.29	< 0.5	3	137	36	0.82	10	< 1	0.07	< 10	0.4
PM-14B-R	208	238	< 0.001	0.40	0.34	< 0.2	5	180	< 0.5	< 2	1.42	< 0.5	3	179	40	0.64	< 10	< 1	0.12	10	0.1
PM-15-R	208	238	< 0.001	< 0.05	2.23	< 0.2	5	60	< 0.5	< 2	4.51	< 0.5	18	42	11	3.34	10	< 1	0.17	< 10	1.9
PM-16-R	208	238	< 0.001	< 0.05	0.50	< 0.2	< 5	80	< 0.5	< 2	0.25	< 0.5	2	129	4	0.83	< 10	< 1	0.21	< 10	0.2
PM-17-R	208	238	< 0.001	< 0.05	2.65	< 0.2	< 5	30	< 0.5	< 2	1.92	< 0.5	21	73	12	4.05	10	< 1	0.10	10	2.2
PM-18-R	208	238	< 0.001	< 0.05	0.39	< 0.2	5	20	< 0.5	< 2	0.19	< 0.5	1	96	< 1	0.47	< 10	< 1	0.02	< 10	0.1
PM-19-R	208	238	< 0.001	< 0.05	1.98	< 0.2	15	250	< 0.5	< 2	1.00	< 0.5	14	80	106	4.21	10	< 1	0.69	10	.6
PM-20-R	208	238	< 0.001	< 0.05	2.34	< 0.2	< 5	160	< 0.5	< 2	1.06	< 0.5	15	50	11	3.22	10	< 1	0.59	10	1.2
PM-21-R	208	238	< 0.001	< 0.05	0.44	< 0.2	< 5	60	< 0.5	< 2	0.24	< 0.5	2	122	5	0.36	< 10	< 1	0.07	< 10	0.1
PM-22-R	208	238	< 0.001	< 0.05	1.19	< 0.2	5	140	< 0.5	< 2	0.89	< 0.5	9	22	10	1.50	< 10	< 1	0.17	10	0.7
PM-23-R	208	238	< 0.001	< 0.05	1.20	< 0.2	15	180	< 0.5	< 2	0.39	< 0.5	11	52	2	1.53	< 10	< 1	0.83	< 10	1.0
PM-24-R	208	238	< 0.001	< 0.05	0.11	< 0.2	< 5	20	< 0.5	< 2	0.01	< 0.5	< 1	41	< 1	0.56	< 10	< 1	0.06	< 10	0.0
PM-25-R	208	238	< 0.001	< 0.05	0.71	< 0.2	< 5	30	< 0.5	2	0.57	< 0.5	5	27	10	1.70	< 10	< 1	0.17	10	0.3
PM-26-R	208	238	< 0.001	0.05	0.38	< 0.2	10	10	< 0.5	< 2	0.04	< 0.5	278	83	3	6.92	< 10	< 1	0.07	< 10	0.1
PM-27-R	208	238	< 0.001	< 0.05	0.99	< 0.2	< 5	480	< 0.5	< 2	0.43	< 0.5	13	60	43	2.86	< 10	< 1	0.64	10	0.7
PM-28-R	208	238	< 0.001	< 0.05	1.55	< 0.2	15	240	< 0.5	< 2	0.38	< 0.5	15	38	57	3.48	< 10	< 1	0.96	< 10	1.3
PM-29-R	208	238	< 0.001	< 0.05	2.04	< 0.2	5	190	< 0.5	< 2	0.80	< 0.5	16	126	< 1	1.61	< 10	< 1	0.88	10	1.4
PM-30-R	208	238	< 0.001	< 0.05	2.84	< 0.2	< 5	350	< 0.5	< 2	1.43	0.5	18	17	52	3.78	10	< 1	0.38	10	1.2
PM-31-R	208	238	0.003	< 0.05	0.83	2.4	< 5	170	< 0.5	2	0.35	< 0.5	10	54	1935	2.21	< 10	< 1	0.42	< 10	0.6
PM-32-R	208	238	< 0.001	< 0.05	1.90	< 0.2	< 5	190	< 0.5	2	0.40	< 0.5	19	42	106	3.10	< 10	< 1	0.52	10	1.6
PM-33-R	208	238	< 0.001	< 0.05	1.17	< 0.2	5	80	< 0.5	< 2	0.30	< 0.5	10	54	17	1.78	< 10	< 1	0.11	< 10	0.8
PM-34-R	208	238	< 0.001	< 0.05	1.03	< 0.2	< 5	30	< 0.5	< 2	0.09	< 0.5	7	123	6	1.76	< 10	< 1	0.08	< 10	0.8
PM-35-R	208	238	< 0.001	< 0.05	0.61	< 0.2	< 5	80	< 0.5	< 2	0.12	< 0.5	5	47	2	1.44	< 10	< 1	0.09	10	0.2
PM-36-R	208	238	< 0.001	< 0.05	0.92	< 0.2	5	140	< 0.5	2	0.37	< 0.5	3	18	6	0.86	< 10	< 1	0.07	< 10	0.0
PM-37-R	208	238	< 0.001	< 0.05	0.61	< 0.2	< 5	100	< 0.5	< 2	0.41	< 0.5	4	61	6	1.22	< 10	< 1	0.13	10	0.2
PM-38-R	208	238	< 0.001	0.05	0.55	< 0.2	< 5	100	< 0.5	< 2	0.81	< 0.5	7	39	3	1.27	< 10	< 1	0.14	10	0.2
PM-39-R	208	238	< 0.001	< 0.05	0.42	< 0.2	10	90	< 0.5	< 2	1.07	< 0.5	5	46	13	1.60	< 10	1	0.14	20	0.2
PM-40-R	208	238	< 0.001	< 0.05	0.32	< 0.2	< 5	60	< 0.5	< 2	1.67	< 0.5	3	43	16	1.21	< 10	< 1	0.09	10	0.2
PM-41-R	208	238	< 0.001	< 0.05	0.23	0.4	< 5	60	< 0.5	< 2	1.29	< 0.5	6	37	118	1.16	< 10	< 1	0.10	20	0.1
PM-42-R	208	238	< 0.001	< 0.05	0.44	< 0.2	< 5	70	< 0.5	< 2	0.17	< 0.5	4	58	61	1.47	< 10	< 1	0.10	10	0.0
PM-43-R	208	238	< 0.001	< 0.05	0.52	0.2	20	70	< 0.5	< 2	1.84	< 0.5	7	54	96	1.59	< 10	< 1	0.10	10	0.3

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CERTIFICATION :

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Date : 21-JUN-88
Invoice # : I-8816858
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816858

SAMPLE DESCRIPTION	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
PM-04-R	208	238	125	1	0.05	1	80	< 2	< 5	< 1	9	0.02	< 10	< 10	2	< 5	16
PM-05-R	208	238	289	< 1	0.02	2	90	4	< 5	1	5	0.04	< 10	< 10	6	< 5	39
PM-06-R	208	238	1320	2	0.03	24	360	< 2	< 5	2	17	0.33	< 10	< 10	125	< 5	115
PM-07-R	208	238	842	< 1	0.02	12	590	14	< 5	3	33	0.12	< 10	< 10	153	< 5	183
PM-08-R	208	238	667	< 1	0.04	12	440	36	< 5	4	15	0.23	< 10	< 10	88	< 5	157
PM-10-R	208	238	17	1	0.03	4	140	16	< 5	1	2	< 0.01	< 10	< 10	4	< 5	3
PM-11-R	208	238	673	3	0.03	2	160	4	< 5	1	12	0.01	< 10	< 10	5	< 5	25
PM-12-R	208	238	509	3	0.03	< 1	190	266	< 5	1	3	0.01	< 10	< 10	6	< 5	797
PM-13-R	208	238	1070	1	0.22	12	1230	16	< 5	4	101	0.21	< 10	< 10	115	< 5	491
PM-14A-R	208	238	668	< 1	< 0.01	5	90	< 2	< 5	1	51	0.02	< 10	< 10	10	10	23
PM-14B-R	208	238	418	< 1	< 0.01	2	170	4	< 5	1	15	< 0.01	< 10	< 10	6	< 5	13
PM-15-R	208	238	1565	< 1	0.01	12	790	4	< 5	4	55	0.03	< 10	< 10	49	< 5	112
PM-16-R	208	238	172	< 1	0.07	< 1	30	< 2	< 5	< 1	15	0.04	< 10	< 10	5	< 5	20
PM-17-R	208	238	815	< 1	0.02	8	580	< 2	< 5	4	39	0.20	< 10	< 10	103	< 5	74
PM-18-R	208	238	83	< 1	0.07	< 1	100	2	< 5	1	18	0.03	< 10	< 10	4	< 5	8
PM-19-R	208	238	512	< 1	0.04	19	700	16	< 5	3	48	0.15	< 10	< 10	81	< 5	43
PM-20-R	208	238	439	1	0.14	5	630	< 2	< 5	5	64	0.22	< 10	< 10	105	< 5	32
PM-21-R	208	238	65	< 1	0.04	4	40	< 2	< 5	< 1	13	0.02	< 10	< 10	6	< 5	5
PM-22-R	208	238	266	< 1	0.10	4	460	< 2	< 5	3	60	0.10	< 10	< 10	58	< 5	30
PM-23-R	208	238	293	< 1	0.06	9	560	2	< 5	2	44	0.13	< 10	< 10	53	< 5	47
PM-24-R	208	238	80	< 1	0.02	< 1	10	< 2	< 5	< 1	1	0.01	< 10	< 10	1	< 5	7
PM-25-R	208	238	203	< 1	0.05	< 1	820	18	< 5	1	51	0.06	< 10	< 10	32	< 5	42
PM-26-R	208	238	55	2	0.05	27	40	< 2	< 5	3	4	0.02	< 10	< 10	10	< 5	8
PM-27-R	208	238	354	1	0.06	8	570	2	< 5	4	10	0.17	< 10	< 10	84	< 5	43
PM-28-R	208	238	381	< 1	0.07	2	480	6	< 5	3	35	0.17	< 10	< 10	124	< 5	47
PM-29-R	208	238	348	< 1	0.07	42	620	6	< 5	1	167	0.16	< 10	< 10	53	< 5	67
PM-30-R	208	238	344	1	0.06	4	1530	< 2	< 5	2	636	0.16	< 10	< 10	82	< 5	50
PM-31-R	208	238	240	8	0.05	6	450	< 2	< 5	2	19	0.12	< 10	< 10	73	< 5	33
PM-32-R	208	238	570	2	0.04	12	820	6	< 5	3	47	0.19	< 10	< 10	76	< 5	81
PM-33-R	208	238	267	< 1	0.05	5	460	< 2	< 5	1	30	0.07	< 10	< 10	41	< 5	32
PM-34-R	208	238	326	< 1	0.01	4	190	< 2	< 5	< 1	4	0.02	< 10	< 10	11	< 5	36
PM-35-R	208	238	396	1	0.02	1	320	< 2	< 5	1	32	0.01	< 10	< 10	4	< 5	34
PM-36-R	208	238	177	< 1	0.06	1	240	6	< 5	2	111	0.01	< 10	< 10	12	< 5	22
PM-37-R	208	238	583	2	0.03	3	320	6	< 5	1	20	0.01	< 10	< 10	4	< 5	21
PM-38-R	208	238	631	< 1	0.02	1	340	< 2	< 5	1	31	< 0.01	< 10	< 10	3	< 5	22
PM-39-R	208	238	618	< 1	0.02	< 1	280	< 2	< 5	1	31	< 0.01	< 10	< 10	3	< 5	28
PM-40-R	208	238	591	1	0.02	< 1	310	< 2	< 5	1	41	< 0.01	< 10	< 10	2	< 5	23
PM-41-R	208	238	619	1	0.01	< 1	280	< 2	< 5	1	29	< 0.01	< 10	< 10	2	< 5	21
PM-42-R	208	238	539	< 1	0.01	1	250	< 2	< 5	1	6	< 0.01	< 10	< 10	3	< 5	28
PM-43-R	208	238	681	< 1	0.02	< 1	500	< 2	< 5	1	44	0.01	< 10	< 10	4	< 5	32

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C CERTIFIED ASSAYERS

CERTIFICATION :

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

o : VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Page : 2-A
Tot. pages: 2
Date : 21-JUN-88
Invoice # : I-8816858
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816858

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Te ppm	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
PM-44-R	208	238	< 0.001	0.20	0.45	< 0.2	< 5	70	< 0.5	2	0.09	< 0.5	2	74	14	1.25	< 10	< 1	0.14	< 10	0.1
PM-45-R	208	238	< 0.001	< 0.05	0.92	< 0.2	< 5	250	< 0.5	< 2	0.11	< 0.5	5	102	22	1.70	< 10	< 1	0.41	< 10	0.3

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Project : ASHLU
Comments:

**Page : 2-B
Tot. Pages: 2
Date : 21-JUN-88
Invoice # : I-8816858
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816858

SAMPLE DESCRIPTION	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
PM-44-R	208	238	311	2	0.01	2	300	12	< 5	< 1	9	0.01	< 10	< 10	2	< 5	37
PM-45-R	208	238	259	1	0.05	3	210	< 2	< 5	1	9	0.08	< 10	< 10	15	< 5	35

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002/003

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To: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Pa_ No. : 1
Tot. Pages: 1
Date : 24-JUN-8
Invoice # : I-881725
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8817257

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu %	Pb %	Zn %	Tc %
PM-46-R	208 —	< 0.002	< 0.01	< 0.01	< 0.01	< 0.01	delay
PM-47-R	208 —	< 0.002	< 0.01	< 0.01	< 0.01	< 0.01	delay
PM-48-R	208 —	< 0.002	< 0.01	< 0.01	< 0.01	< 0.01	delay
PM-49-R	208 —	< 0.002	< 0.01	< 0.01	< 0.01	0.01	delay

CERTIFICATE INCOMPLETE

CERTIFICATION :

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VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Date 15
Invoice # I-
P.O. # NC

CERTIFICATE OF ANALYSIS A881773

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	W ppm	Te ppm	Pt ppb
PM-50-R	208	0.006								
PM-51-R	208	0.003	< 0.01	114	1	107				
PM-52-R	208	0.003	< 0.01	4	1	49				
PM-53-R	208	0.001	< 0.01	21	1	113				
PM-54-R	208	0.060	0.04	2	1	13				

002/003

CHEMEX LABS

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PHONE (604) 984-0221

To: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Pa. No. :1
Tot. Pages:1
Date :24-JUN
Invoice # :I-881
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8817257

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %	Te %			
DF-1-R	208	--	0.006	-----	-----	-----	-----	-----			
DF-2-R	208	--	< 0.002	-----	-----	-----	-----	-----			
DF-3-R	208	--	0.008	-----	-----	-----	-----	-----			
DF-04-R	208	--	0.001	0.03	-----	-----	-----	-----	-----	-----	-----
DF-05-R	208	--	< 0.001	< 0.01	-----	-----	-----	-----	-----	-----	-----
DF-06-R	208	--	< 0.001	< 0.01	17	2	137	5	1	0.05	-----
DF-07-R	208	--	< 0.001	-----	-----	-----	-----	-----	-----	-----	-----
DF-08-R	208	--	< 0.001	< 0.01	24	1	19	-----	-----	-----	-----
DF-09-R	208	--	< 0.001	< 0.01	25	11	16	-----	-----	-----	-----
DF-10-R	208	--	< 0.001	< 0.01	20	11	17	-----	-----	-----	-----
DF-11-R	208	--	< 0.001	< 0.01	5	1	8	-----	-----	-----	-----
DF-12-R	208	--	< 0.001	< 0.01	14	1	38	-----	-----	-----	-----
DF-13-R	208	--	0.001	< 0.01	30	2	45	-----	-----	-----	-----
DF-14-R	208	--	0.005	0.03	8	1	78	-----	-----	-----	-----
DF-15-R	208	--	0.001	< 0.01	4	1	37	-----	-----	-----	-----

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To: VALENTINE GOLD CORP.
2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8
Project : ASHLU
Comments:

**Page No. :1
Tot. Pages:1
Date :12-JUL-88
Invoice # :I-8818228
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8818228

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Ag oz/T
DF-16-R	208	--	0.002	0.01
DF-17-R	208	--	0.001	< 0.01
DF-18-R	208	--	< 0.001	< 0.01
DF-19-R	208	--	< 0.001	0.01
TUSK-F	208	--	< 0.001	< 0.01
PM-55-R	208	--	0.001	0.01

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Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8
Project : ASHLU
Comments:

Tot. Pages: 1
Date : 3-AUG-88
Invoice # : I-8819257
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8819257

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Ag oz/T	Pt ppb	Te ppm
DF-20-R	208	--	0.008	-----	-----	-----
DF-21-R	208	--	0.018	-----	-----	-----
DF-22-R	208	--	0.863	-----	-----	-----

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CERTIFICATION : W. Thomson

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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BRITISH COLUMBIA CANADA V7J 2C1

PHONE (6[illegible] 984 0221

VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
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Project : ASHLU
Comments: ATTN: M J HOPLEY

**Page No : 1-A
Tot. Pa. : 1
Date : 10-MAY-88
Invoice # : I-8815095
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8815095

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
PZ-01	207 238	0.004	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-02	207 238	0.004	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-03	207 238	0.004	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-04	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-05	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-06	207 238	0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-07	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-08	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-09	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-10	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-11	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay
PZ-12	207 238	< 0.002	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay

CERTIFICATE INCOMPLETE

CERTIFICATION : _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE NORTH VANCOUVER
BRITISH COLUMBIA CANADA V7J 2C1

PHONE [illegible]

2690 - 666 BURRARD ST
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments : ATTN: M. I. BOPLEY

Tot. pes.: 1
Date : 12-MAY-88
Invoice # : I-8815095
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8815095

SAMPLE DESCRIPTION	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
PZ-01	207	238	252	4	0.09	4	280	8	< 5	1	26	0.03	< 10	< 10	5	< 5	33
PZ-02	207	238	212	5	0.06	4	240	2	< 5	< 1	18	< 0.01	< 10	< 10	2	< 5	19
PZ-03	207	238	280	2	0.11	5	180	2	< 5	1	27	0.01	< 10	< 10	4	< 5	20
PZ-04	207	238	244	6	0.15	3	180	2	< 5	1	24	0.01	< 10	< 10	5	< 5	19
PZ-05	207	238	141	16	0.08	2	50	< 2	< 5	< 1	12	0.01	< 10	< 10	1	< 5	7
PZ-06	207	238	147	5	0.10	3	110	< 2	< 5	1	19	0.01	< 10	< 10	4	< 5	13
PZ-07	207	238	146	4	0.12	4	130	4	< 5	1	21	0.01	< 10	< 10	4	< 5	14
PZ-08	207	238	127	2	0.05	3	100	< 2	< 5	< 1	9	< 0.01	< 10	< 10	2	< 5	11
PZ-09	207	238	138	4	0.05	4	130	< 2	< 5	< 1	7	< 0.01	< 10	< 10	2	< 5	17
PZ-10	207	238	390	30	0.05	1	240	< 2	< 5	1	42	< 0.01	< 10	< 10	3	< 5	18
PZ-11	207	238	250	1	0.05	3	140	< 2	< 5	3	100	0.01	< 10	< 10	19	< 5	40
PZ-12	207	238	625	< 1	< 0.01	3	10	< 2	< 5	1	30	< 0.01	< 10	< 10	3	< 5	19

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION : [signature]

Chemex Labs Ltd.
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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments: ATTN: M J HOPLEY

**Page N : 1
Tot. P. : 1
Date : 12-MAY-88
Invoice # : I-8815096
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8815096

SAMPLE DESCRIPTION	PREP CODE	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	Ag ppm Aqua R
PZ-13	212 --	4	< 2	< 5	0.3

CERTIFICATION :

SILT SAMPLES

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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Tot. Pages: 1
Date : 4-AUG-88
Invoice # : I-8816859
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816859

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Te ppm	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
PM-1-S	213 238	< 10	< 0.05	1.75	0.2	< 5	30	< 0.5	< 2	1.48	< 0.5	16	71	11	1.91	< 10	< 1	0.07	30	0.95
PM-2-S	213 238	80	not/es	2.43	0.4	5	80	< 0.5	< 2	2.32	< 0.5	36	92	57	3.51	< 10	< 1	0.17	50	0.91
PM-3-S	213 238	10	< 0.05	2.22	0.4	15	70	< 0.5	< 2	2.50	< 0.5	23	77	43	2.72	< 10	1	0.17	40	1.10
PM-4-S	217 238	< 10	< 0.05	0.41	0.2	< 5	50	< 0.5	< 2	0.14	< 0.5	< 1	60	6	1.06	< 10	< 1	0.14	10	0.13
PM-5-S	217 238	15	< 0.05	0.73	< 0.2	195	90	< 0.5	< 2	0.23	< 0.5	< 1	230	5	1.63	< 10	< 1	0.15	10	0.21
PM-6-S	217 238	< 10	< 0.05	0.91	0.2	15	130	< 0.5	< 2	0.25	< 0.5	< 1	143	11	1.51	< 10	< 1	0.29	10	0.20
PM-7-S	213 238	< 10	< 0.05	1.94	0.2	25	110	< 0.5	< 2	1.42	< 0.5	18	75	27	3.32	< 10	< 1	0.27	60	1.01

>1LTS

CERTIFICATION : JC

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments :

Tot. Pages : 1
Date : 4-AUG-88
Invoice # : I-8816859
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816859

SAMPLE DESCRIPTION	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
PM-1-S	213 238	409	< 1	0.08	12	440	6	< 5	6	106	0.25	< 10	< 10	61	< 5	24
PM-2-S	213 238	504	1	0.09	20	590	12	< 5	7	253	0.36	< 10	< 10	75	20	32
PM-3-S	213 238	540	< 1	0.13	16	1410	2	< 5	11	183	0.26	< 10	< 10	83	< 5	33
PM-4-S	217 238	173	< 1	0.04	2	150	8	< 5	1	10	0.05	< 10	< 10	13	< 5	20
PM-5-S	217 238	576	< 1	0.07	6	150	10	< 5	1	26	0.06	< 10	< 10	26	< 5	25
PM-6-S	217 238	232	< 1	0.20	5	200	6	< 5	1	29	0.07	< 10	< 10	22	< 5	28
PM-7-S	213 238	570	14	0.10	10	810	8	5	11	51	0.24	< 10	< 10	86	< 5	118

CERTIFICATION :

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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Tot. Page: 1
Date :21-JUN-88
Invoice # :I-8816857
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8816857

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Te ppm	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	
PM-1-50	201	238	10	0.05	7.84	< 0.2	60	20	< 0.5	4	0.07	< 0.5	2	10	14	3.93	10	< 1	0.03	10	0

Soil

CERTIFICATION : EC

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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Tot. Pages: 1
Date : 21-JUN-88
Invoice # : I-881685
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816857

SAMPLE DESCRIPTION	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
~~PM-1-50~~ Soil	201	238	87	2	< 0.01	< 1	620	12	< 5	4	5	0.18	< 10	< 10	45	10	22

CERTIFICATION :

ICP ON 1987 CHIP SAMPLES

FROM 1200 LEVEL

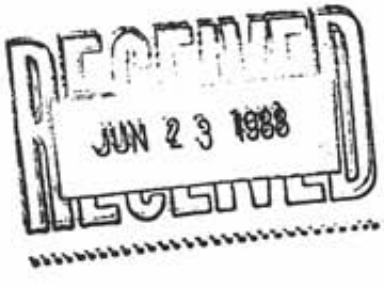
COMPANY: VALENTINE GOLD | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-704P/P1+2

ATTENTION: MIKE HOPLEY | (604)980-5814 OR (604)988-4524 | * TYPE PULP GEOCHEM * | DATE:JUNE 19, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L3WW4M	4.2	3730	50	1	21	.5	7	13110	1.4	10	58	10170
L3WW6M	1.0	8130	39	1	175	.5	7	9830	1.3	14	76	16720
L3WW8M	3.8	7850	43	2	82	.4	9	3950	.8	42	52	30700
L3WW10M	10.4	13420	34	3	65	1.2	16	48820	.6	130	193	93920
L3WW12MA	15.2	21010	5	3	94	.5	18	23060	.2	41	71	56360
L3WW12MB	.5	10200	3	1	126	.7	6	36880	1.3	17	246	25750
L3WW14M	.8	13340	4	3	349	.5	8	7910	1.3	15	32	21250
L3WW16M	1.5	6730	39	1	199	.5	8	5070	1.1	14	30	13500
L3WW18M	7.8	16450	2	2	232	.5	17	6290	.8	25	48	41180
L3WW20M	4.8	11640	12	1	205	.3	8	17210	.9	21	62	25980
L3WW22M	15.9	14530	10	2	106	.3	11	3941	1.4	22	1209	54480
L3WW24M	7.9	8500	32	2	178	.5	23	3850	1.1	16	74	24440
L3WW26MA	12.1	1850	63	1	17	.4	21	3920	1.6	12	759	7740
L3WW26MB	1.3	10720	27	3	188	.6	7	5960	1.3	15	32	17540
L3WW28M	2.5	6400	54	2	20	.5	9	4460	1.4	12	18	13040
L3WW30MA	22.8	3150	58	1	38	.2	47	4810	1.7	51	997	31410
L3WW30MB	3.3	14800	16	2	334	.5	11	5060	1.0	22	39	33250
L3WW32M	.5	24020	1	3	551	.8	8	12680	1.1	19	21	36390
L3WW34M	4.3	800	79	1	20	.4	9	840	1.6	10	21	4800
L3WW36M	5.9	2300	66	1	33	.5	9	2670	1.3	19	26	12670
L3WW38M	8.6	5430	43	1	105	.5	12	2690	1.1	29	226	25840
L3WW40M	2.1	4410	49	1	90	.6	7	4080	1.3	18	125	11620
L3WW42M	1.1	8890	25	1	181	.8	7	4940	1.5	14	28	16810
L3WW44M	.7	19860	20	1	423	.6	9	4440	1.1	24	27	38580
L3WW46M	2.0	4360	56	1	70	.5	7	5180	1.4	11	34	9070
L3WW48M	1.8	7040	48	3	160	.6	9	4270	1.3	15	11	15560
L3WW50M	3.3	1720	78	3	35	.5	9	1300	1.4	12	133	8500
L3WW52M	2.1	5700	44	1	134	.3	8	4040	1.4	16	31	14290
L3WW54M	2.6	730	83	1	11	.4	7	620	1.5	10	19	4380
L3WW56M	5.8	660	74	1	13	.4	10	1720	1.3	15	28	9800
L3 WW 58M	1.7	6450	48	1	152	.4	7	4680	1.2	14	110	13550
L3 WW 60M	2.4	5500	61	2	102	.5	7	1870	1.3	20	155	14180
L3 WW 62M	.9	7890	30	1	151	.5	7	22880	1.4	12	25	12840

Samples from 1200 Level on 1987 samples



(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L3WW4M	870	22	4390	614	8	190	8	200	8	6	15	1
L3WW6M	3660	25	6430	688	12	280	5	470	9	1	18	1
L3WW8M	2040	24	6220	403	19	240	5	250	10	7	17	1
L3WW10M	4940	30	12240	2629	27	250	3	280	21	7	4	6
L3WW12MA	10190	40	16370	1704	17	340	4	440	15	9	24	1
L3WW12MB	4370	25	10940	1922	10	200	3	250	13	4	4	2
L3WW14M	8100	28	10670	722	13	310	2	340	11	7	18	1
L3WW16M	4250	24	5920	432	12	250	9	250	10	7	16	1
L3WW18M	11250	30	12730	800	16	410	4	520	10	5	20	1
L3WW20M	6430	27	9760	729	16	370	1	380	12	1	14	1
L3WW22M	8810	28	10820	622	11	370	4	400	17	3	18	1
L3WW24M	4520	25	6560	387	11	380	5	390	10	1	19	2
L3WW26MA	890	21	2400	149	9	170	21	190	22	1	17	1
L3WW26MB	4410	26	7390	459	13	420	6	500	10	3	25	1
L3WW28M	710	22	4660	317	10	160	12	180	8	9	18	1
L3WW30MA	1200	22	4230	161	8	190	21	250	25	1	19	1
L3WW30MB	7970	28	10690	626	12	340	5	410	14	1	21	1
L3WW32M	13290	36	17710	1196	7	510	6	610	17	8	41	1
L3WW34M	660	21	1960	65	10	160	23	150	9	16	16	1
L3WW36M	970	22	2720	156	15	150	19	200	9	11	15	1
L3WW38M	2700	23	4730	250	18	220	10	270	11	1	19	1
L3WW40M	2200	23	4430	214	12	190	14	230	10	5	16	1
L3WW42M	4590	25	6980	445	9	280	4	280	9	2	17	2
L3WW44M	11150	33	15040	875	12	310	3	440	15	4	20	1
L3WW46M	1960	22	3970	302	11	180	15	210	9	10	15	1
L3WW48M	3700	24	5470	350	14	310	8	270	10	24	21	1
L3WW50M	1000	22	2380	105	10	200	24	160	9	12	17	1
L3WW52M	3080	24	5000	249	11	240	12	220	9	5	20	1
L3WW54M	510	21	1900	63	9	160	26	150	8	13	15	3
L3WW56M	550	21	1860	92	9	160	26	160	9	23	16	2
L3 WW 58M	3730	25	6140	331	16	300	11	240	8	4	24	1
L3 WW 60M	2530	25	5070	253	19	210	13	210	9	6	16	1
L3 WW 62M	3720	25	6290	681	9	390	6	410	9	2	20	2

MIN-EN LABS ICP REPORT

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

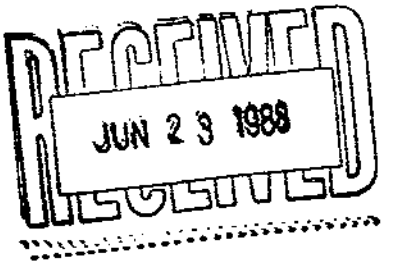
(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	H6-PPB	TE
L3WW4M	3	25.4	40	2	1	3	152	80	.40
L3WW6M	1	44.0	56	1	1	3	170	70	1.38
L3WW8M	1	47.5	55	1	1	3	167	120	23.48
L3WW10M	1	52.8	88	1	1	1	64	310	35.92
L3WW12MA	1	91.3	127	1	1	1	84	430	37.69
L3WW12MB	1	50.0	76	1	1	1	115	65	14.61
L3WW14M	1	70.0	91	1	1	41	139	40	7.20
L3WW16M	2	45.5	55	1	1	5	188	45	4.14
L3WW18M	1	85.5	112	1	1	1	131	85	32.96
L3WW20M	1	67.2	86	1	1	2	146	65	18.01
L3WW22M	1	77.0	153	1	1	1	119	155	22.12
L3WW24M	1	46.3	67	1	1	3	167	130	35.92
L3WW26MA	4	19.7	56	2	1	4	201	1255	36.41
L3WW26MB	1	41.8	68	1	1	2	148	60	13.03
L3WW28M	3	26.5	41	2	1	4	213	40	10.07
L3WW30MA	3	25.6	85	1	1	2	183	310	39.08
L3WW30MB	1	76.2	98	1	2	2	161	130	26.42
L3WW32M	1	127.4	150	1	4	1	109	60	20.13
L3WW34M	4	18.3	19	4	1	4	201	30	7.99
L3WW36M	3	22.0	31	3	1	5	236	55	19.44
L3WW38M	2	35.0	51	1	1	3	164	45	31.97
L3WW40M	2	31.9	44	2	1	3	153	30	4.05
L3WW42M	1	49.1	65	1	1	2	145	20	4.54
L3WW44M	1	97.7	134	1	3	1	129	55	12.53
L3WW46M	2	32.3	38	2	1	5	190	5	.39
L3WW48M	1	41.7	51	2	1	62	221	25	2.86
L3WW50M	2	21.8	27	3	1	6	258	20	5.92
L3WW52M	1	37.9	49	1	1	5	229	35	3.55
L3WW54M	2	17.8	19	3	1	5	260	35	.39
L3WW56M	2	17.2	20	3	1	42	221	40	15.39
L3 WW 58M	1	41.5	52	2	1	4	193	35	4.34
L3 WW 60M	2	33.8	49	4	1	4	192	40	5.17
L3 WW 62M	1	40.3	53	1	2	2	130	25	1.09

COMPANY: VALENTINE GOLD | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-704P/P1+2

ATTENTION: MIKE HOPLEY | (604)980-5814 OR (604)988-4524 | # TYPE PULP GEOCHEM # | DATE:JUNE 19, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
L3WW4M	1.2	3730	50	1	21	.5	7	13110	1.4	10	58	10170
L3WW6M	1.0	8130	39	1	175	.5	7	9830	1.3	14	76	16720
L3WW8M	3.8	7850	43	2	82	.4	9	3950	.8	42	52	30700
L3WW10M	10.4	13420	34	3	65	1.2	16	48820	.6	130	193	93920
L3WW12MA	15.2	21010	5	3	94	.5	18	23060	.2	41	31	56360
L3WW12MB	.5	10200	3	1	126	.7	6	36880	1.3	17	246	25750
L3WW14M	.8	13340	4	3	349	.5	8	7910	1.3	15	32	21230
L3WW16M	1.5	6730	39	1	199	.5	8	5070	1.1	14	30	13500
L3WW18M	7.8	16450	2	2	232	.5	17	6290	.8	25	48	41180
L3WW20M	4.8	11640	12	1	285	.3	8	12710	1.0	21	62	25080
L3WW22M	15.9	14530	10	2	106	.5	11	3940	1.4	28	1209	54480
L3WW24M	7.9	8500	32	2	178	.5	23	3850	1.1	16	74	24440
L3WW26MA	12.1	1850	63	1	17	.4	21	3920	1.6	12	759	7740
L3WW26MB	1.3	10720	27	3	188	.6	7	5960	1.3	15	32	17540
L3WW28M	2.5	4400	54	2	20	.5	9	4460	1.4	12	18	13040
L3WW30MA	22.8	3150	58	1	38	.2	47	4810	1.7	51	997	31410
L3WW30MB	3.3	14800	16	2	334	.5	11	5060	1.0	22	39	33250
L3WW32M	.5	24020	1	3	551	.8	8	12680	1.1	19	21	36390
L3WW34M	4.3	800	79	1	20	.4	9	840	1.6	10	21	4800
L3WW36M	5.9	2300	66	1	33	.5	9	2670	1.3	19	26	12670
L3WW38M	8.6	5430	43	1	105	.5	12	2690	1.1	29	226	25840
L3WW40M	2.1	4410	49	1	90	.6	7	4080	1.3	14	135	11620
L3WW42M	1.1	8890	25	1	181	.5	7	4940	1.5	14	28	16810
L3WW44M	.7	19860	20	1	423	.6	9	4440	1.1	24	27	38580
L3WW46M	2.0	4360	56	1	70	.5	7	5180	1.4	11	34	9070
L3WW48M	1.8	7040	48	3	160	.6	9	4270	1.3	15	11	15560
L3WW50M	3.3	1720	78	3	35	.5	9	1300	1.4	12	133	8500
L3WW52M	2.1	5700	44	1	134	.3	8	4040	1.4	16	31	14290
L3WW54M	2.6	730	83	1	11	.4	7	620	1.5	10	19	4380
L3WW56M	5.8	660	74	1	13	.4	10	1720	1.3	15	28	9800
L3 WW 58M	1.7	6450	48	1	152	.4	7	4680	1.2	14	110	13550
L3 WW 60M	2.4	5500	61	2	102	.5	7	1870	1.3	20	155	16180
L3 WW 62M	.9	7890	30	1	151	.5	7	22880	1.4	12	25	12840



COMPANY: VALENTINE GOLD | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 2 OF 3

PROJECT NO: | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: B-704P/P1+2

ATTENTION: MIKE HOPLEY | (604)980-5814 OR (604)988-4524 | * TYPE PULP GEOCHEM * | DATE:JUNE 19, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
L3WW4M	870	22	4390	614	8	190	8	200	8	6	15	1
L3WW6M	3660	25	6430	688	12	280	5	470	9	1	18	1
L3WW8M	2040	24	6220	403	19	240	5	250	10	7	17	1
L3WW10M	4940	30	12240	2629	27	250	3	280	21	7	4	6
L3WW12MA	10190	40	16370	1704	17	340	4	440	15	9	24	1
L3WW12MB	4370	25	10940	1922	10	200	3	250	13	4	4	2
L3WW14M	8100	28	10670	722	13	310	2	340	11	7	18	1
L3WW16M	4250	24	5920	432	12	250	9	250	10	7	16	1
L3WW18M	11250	30	12730	800	16	410	4	520	10	5	20	1
L3WW20M	6430	27	9320	920	10	270	1	380	13	1	14	1
L3WW22M	8510	28	10830	628	11	370	4	400	17	3	18	1
L3WW24M	4520	25	6560	387	11	380	5	390	10	1	19	2
L3WW26MA	890	21	2400	149	9	170	21	190	22	1	17	1
L3WW26MB	4410	26	7390	439	13	420	6	500	10	3	25	1
L3WW28M	710	22	4660	317	10	160	12	180	8	9	18	1
L3WW30MA	1200	22	4230	161	8	190	21	250	25	1	19	1
L3WW30MB	7970	28	10690	626	12	340	5	410	14	1	21	1
L3WW32M	13290	36	17710	1196	7	510	6	610	17	8	41	1
L3WW34M	660	21	1960	65	10	160	23	150	9	16	16	1
L3WW36M	970	22	2720	156	15	150	19	200	9	11	15	1
L3WW38M	2700	23	4730	250	18	220	10	270	11	1	19	1
L3WW40M	2200	23	4430	314	12	190	14	230	10	5	16	1
L3WW42M	4590	25	6980	445	8	280	4	280	9	2	17	2
L3WW44M	11150	33	15040	875	12	310	3	440	15	4	20	1
L3WW46M	1960	22	3970	302	11	180	15	210	9	10	15	1
L3WW48M	3700	24	5470	350	14	310	8	270	10	24	21	1
L3WW50M	1000	22	2380	105	10	200	24	160	9	12	17	1
L3WW52M	3080	24	5000	349	11	240	12	220	9	5	20	1
L3WW54M	510	21	1900	63	9	160	26	150	8	13	15	3
L3WW56M	550	21	1860	92	9	160	26	160	9	23	16	2
L3 WW 58M	3730	25	6140	331	16	300	11	240	8	4	24	1
L3 WW 60M	2530	25	5070	253	19	210	13	210	9	6	16	1
L3 WW 62M	3720	25	6290	681	9	390	6	410	9	2	20	2

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	HG-PPB	TE
L3WW4M	3	25.4	40	2	1	3	152	80	.40
L3WW6M	1	44.0	56	1	1	3	170	70	1.38
L3WW8M	1	47.5	55	1	1	3	167	120	23.48
L3WW10M	1	52.8	88	1	1	1	64	310	35.92
L3WW12MA	1	91.3	127	1	1	1	84	430	37.69
L3WW12MB	1	50.0	76	1	1	1	115	65	14.61
L3WW14M	1	70.0	91	1	1	41	139	40	7.20
L3WW16M	2	45.5	55	1	1	5	188	45	4.14
L3WW18M	1	85.5	112	1	1	1	131	85	32.96
L3WW20M	1	67.2	86	1	1	2	146	65	14.01
L3WW22M	1	77.0	153	1	1	1	119	255	33.16
L3WW24M	1	46.3	67	1	1	3	167	130	35.92
L3WW26MA	4	19.7	56	2	1	4	201	1255	36.41
L3WW26MB	1	41.8	68	1	1	2	148	60	13.03
L3WW28M	3	26.5	41	2	1	4	213	40	10.07
L3WW30MA	3	25.6	85	1	1	2	183	310	39.08
L3WW30MB	1	76.2	98	1	2	2	161	130	28.42
L3WW32M	1	127.4	150	1	4	1	109	60	20.13
L3WW34M	4	18.3	19	4	1	4	201	30	7.99
L3WW36M	3	22.0	31	3	1	5	236	55	19.44
L3WW38M	2	35.0	51	1	1	3	164	45	31.97
L3WW40M	2	31.9	44	2	1	3	153	30	4.05
L3WW42M	1	49.1	65	1	1	2	145	20	4.54
L3WW44M	1	97.7	134	1	3	1	129	55	12.53
L3WW46M	2	32.3	38	2	1	5	190	5	.39
L3WW48M	1	41.7	51	2	1	62	221	25	2.86
L3WW50M	2	21.8	27	3	1	6	258	20	5.92
L3WW52M	1	37.9	49	1	1	5	229	35	3.55
L3WW54M	2	17.8	19	3	1	5	260	35	.39
L3WW56M	2	17.2	20	3	1	42	221	40	15.39
L3 WW 58M	1	41.5	52	2	1	4	193	35	4.34
L3 WW 60M	2	33.8	49	4	1	4	192	40	5.13
L3 WW 62M	1	40.3	53	1	2	2	130	25	1.09

DRILL ASSAYS

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To ALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Date : 26-JUL-88
Invoice # : I-8819259
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8819259

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
88-1-0-4	208	--	< 0.002
88-1-4-8	208	--	< 0.002
88-1-8-12	208	--	< 0.002
88-1-13-17	208	--	< 0.002
88-1-17-21	208	--	< 0.002
88-1-21-25	208	--	< 0.002
88-1-25-29	208	--	< 0.002
88-2-1-5	208	--	0.018
88-2-5-9	208	--	0.036
88-3-1-5	208	--	0.032
88-3-5-9	208	--	0.010
88-3-9-13	208	--	0.004
88-3-13-17	208	--	0.004
88-4-5-9	208	--	< 0.002
88-4-9-13	208	--	< 0.002
88-4-13-17	208	--	< 0.002
88-4-17-21	208	--	< 0.002
88-4-21-25	208	--	< 0.002
88-5-1-5	208	--	< 0.002
88-5-5-9	208	--	0.002
88-5-9-13	208	--	< 0.002
88-5-13-17	208	--	< 0.002
88-5-17-21	208	--	< 0.002
88-5-21-25	208	--	< 0.002
88-5-25-29	208	--	< 0.002
88-6-1-5	208	--	0.008
88-6-5-9	208	--	0.002
88-6-9-13	208	--	0.004
88-6-13-17	208	--	0.006
88-6-17-21	208	--	0.004
88-6-21-25	208	--	0.002
88-6-25-29	208	--	0.002
88-6-29-34	208	--	< 0.002
88-6-34-39	208	--	0.002
88-6-39-43	208	--	0.002
88-7-1-5	208	--	0.032
88-7-5-9	208	--	0.006
88-7-9-13	208	--	< 0.002
88-8-1-5	208	--	0.006
88-8-5-9	208	--	0.008

DRILL ASSAYS

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C CERTIFIED ASSAYERS

CERTIFICATION : B. Z. Kwaitek

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

TO: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Date : 26-JUL-88
Invoice # : I-8819259
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8819259

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
88-8-9-13	208	--	0.072
88-8-13-17	208	--	0.014
88-9-1-5	208	--	0.004
88-9-5-9	208	--	0.004
88-9-9-13	208	--	0.002
88-9-13-17	208	--	0.018
88-9-17-21	208	--	0.084
88-9-21-25	208	--	0.064
88-9-25-29	208	--	0.048

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CERTIFICATION : B. Stewart

UNDERGROUND ROCK CHIP SAMPLES

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BRITISH COLUMBIA CANADA V7J-1C1
PHONE (604) 984-0221

2690 - 666 BURRARD ST
VANCOUVER, BC
V6C 2X8

Project ASHIH
Comments

Date 15
Invoice # I-
P.O. # NO

CERTIFICATE OF ANALYSIS A881773

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	W ppm	Te ppm	Pt ppb
CHECK S-01	208 --	0.002	-----	-----	-----	-----	-----	-----	-----	-----
CHECK S-02	208 --	0.178	-----	-----	-----	-----	-----	-----	-----	-----
CHECK S-03	208 --	0.039	-----	-----	-----	-----	-----	-----	-----	-----
CHECK S-04	208 --	0.031	-----	-----	-----	-----	-----	-----	-----	-----
CHECK S-05	208 --	0.439	-----	-----	-----	-----	-----	-----	-----	-----

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION : F. Ward

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Tot. Pages: 1
Date : 3-AUG-88
Invoice # : I-8819257
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8819257

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Pt ppb	Te ppm
1200-1	208 --	0.017	0.06	< 50	2.40
1200-2	208 --	0.087	0.12	< 50	6.00
1200-3	208 --	0.012	0.04	< 50	1.10
1200-4	208 --	2.801	3.79	< 50	39.0
1200-5	208 --	0.052	0.07	< 50	1.70
1200-P	208 --	0.038	-----	< 50	-----
1250-P	208 --	0.003	-----	< 50	-----

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

to : VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Page No. :1
Tot. Pages:1
Date :24-JUN-
Invoice # :I-88172
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8817258

SAMPLE DESCRIPTION	PREP CODE		Au oz/T
DCLIN HW 14-12#1	208	—	0.010
DCLIN HW 14-12#2	208	—	0.208
DCLINE V 14-12#1	208	—	0.608
DCLINE V 14-12#2	208	—	1.316

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION : _____

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

V6C 2X8
Project : ASHLU
Comments:

P.O. # :NONE

CERTIFICATE OF ANALYSIS A8817739

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Cu ppm	Pb ppm	Zn ppm	As ppm	W ppm	Te ppm	Pt ppb
90172 H	208 --	< 0.001	-----	-----	-----	-----	-----	-----	-----	< 50
90173 H	208 --	< 0.001	-----	-----	-----	-----	-----	-----	-----	< 50
C-1250-1	208 --	0.005	0.01	191	-----	-----	-----	-----	-----	-----
C-1250-2	208 --	0.009	0.02	73	-----	-----	-----	-----	-----	-----
C-1250-3	208 --	0.001	< 0.01	167	-----	-----	-----	-----	-----	-----
C-1250-4	208 --	0.002	< 0.01	108	-----	-----	-----	-----	-----	-----
C2-1250-1	208 --	0.038	0.09	510	-----	-----	-----	-----	-----	-----
C2-1250-2	208 --	0.013	0.03	50	-----	-----	-----	-----	-----	-----
DF-04-R	208 --	0.001	0.03	-----	-----	-----	-----	-----	-----	-----
DF-05-R	208 --	< 0.001	< 0.01	-----	-----	-----	-----	-----	-----	-----
DF-06-R	208 --	< 0.001	< 0.01	17	2	137	5	1	0.05	-----
DF-07-R	208 --	< 0.001	-----	-----	-----	-----	-----	-----	-----	-----
DF-08-R	208 --	< 0.001	< 0.01	24	1	19	-----	-----	-----	-----
DF-09-R	208 --	< 0.001	< 0.01	25	1	16	-----	-----	-----	-----
DF-10-R	208 --	< 0.001	< 0.01	20	1	17	-----	-----	-----	-----
DF-11-R	208 --	< 0.001	< 0.01	5	1	8	-----	-----	-----	-----
DF-12-R	208 --	< 0.001	< 0.01	14	1	38	-----	-----	-----	-----
DF-13-R	208 --	0.001	< 0.01	30	2	45	-----	-----	-----	-----
DF-14-R	208 --	0.005	0.03	8	1	78	-----	-----	-----	-----
DF-15-R	208 --	0.001	< 0.01	4	1	37	-----	-----	-----	-----
F-02-V	208 --	0.450	0.45	1180	-----	-----	-----	-----	-----	-----
F-14-V	208 --	1.030	1.22	4120	-----	-----	-----	-----	-----	-----
F-16-V	208 --	0.101	0.09	167	-----	-----	-----	-----	-----	-----
F-18-V	208 --	0.476	0.58	430	-----	-----	-----	-----	-----	-----
F-20-V	208 --	0.092	0.12	48	-----	-----	-----	-----	-----	-----
F-22-V E	208 --	0.056	0.04	207	-----	-----	-----	-----	-----	-----
F-22-V W	208 --	8.658	3.56	2510	-----	-----	-----	-----	-----	-----
F-24-V W	208 --	1.257	1.14	340	-----	-----	-----	-----	-----	-----
F-26-V W	208 --	0.055	0.04	43	-----	-----	-----	-----	-----	-----
F-28-V W	208 --	0.488	0.41	116	-----	-----	-----	-----	-----	-----

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

VALENTINE GOLD CORP.
2038 OTTER POINT RD.
P.O. BOX 820
SOOKE, BC
V0S 1N0
Project : ASHLU ELDEN 10448
Comments:

Page : 1
Tot. Pages: 1
Date : 1-MAY-88
Invoice # : I-8814601
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8814601

SAMPLE DESCRIPTION	PREP CODE	Cu ppm	Ag ppm Aqua R	As ppm	W ppm	Sb ppm	Te ppm	Au ppb FA+AA
210651 H	205 --	107	10.0	10	11	19.6	16.00	1280

CERTIFICATION : Bart Bichler

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

VALENTINE GOLD CORP.
2038 OTTER POINT RD.
P.O. BOX 820
SOOKE, BC
V0S 1N0
Project : ASHLU ELDEN 10448
Comments:

Page : 1
Tot. Pages: 1
Date : 1-MAY-88
Invoice # : I-8814601
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8814601

SAMPLE DESCRIPTION	PREP CODE	Cu ppm	Ag ppm Aqua R	As ppm	W ppm	Sb ppm	Te ppm	Au ppb FA+AA			
210651 H	205 --	107	10.0	10	11	19.6	16.00	1280			

CERTIFICATION : Bart Bichler

ASHLU GRAB SAMPLE - COARSE ORE BIN

CDN RESOURCE LABORATORIES LTD.

6329 BERESFORD STREET, BURNABY, B.C. V5E 1B3 / PH: 435-8376 / FAX: 435-9746

** ASSAY REPORT **

To: Karel Rind
17th Floor, IBM Tower
701 West Georgia Street
Vancouver, B.C., V7Y 1J5

Number: 88308
Date: June 24, 1988
Proj.:

Attn:

	Au oz/T	Ag oz/T	Pt oz/T
Sample 1	0.072	0.11	0.014

Duncan Sinclair
Licensed Assayer of British Columbia

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Page No. :1-A
Tot. Pages: 1
Date :29-AUG-88
Invoice # :I-8821994
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8821994

SAMPLE DESCRIPTION	PREP CODE	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
88-308	217 238	1900	< 2	< 5	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay

CERTIFICATE INCOMPLETE

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1
PHONE (604) 984-0221

VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Page N :1-B
Tot. Pa. :1
Date :29-AUG-88
Invoice # :I-8821994
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8821994

SAMPLE DESCRIPTION	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
88-306	217	238	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay	delay

CERTIFICATE INCOMPLETE

CERTIFICATION :

RE-SAMPLING OF OLD CORE

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER, BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Date : 7-JUN-88
Invoice # : I-8816106
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816106

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Pt ppb
90051 H	208 --	< 0.001	0.01	-----
90052 H	208 --	< 0.001	< 0.01	-----
90053 H	208 --	< 0.001	0.01	-----
90054 H	208 --	< 0.001	0.01	-----
90055 H	208 --	< 0.001	< 0.01	-----
90056 H	208 --	< 0.001	< 0.01	-----
90057 H	208 --	< 0.001	< 0.01	-----
90058 H	208 --	< 0.001	< 0.01	-----
90059 H	208 --	0.003	< 0.01	-----
90060 H	208 --	0.001	< 0.01	-----
90061 H	208 --	0.001	< 0.01	-----
90062 H	208 --	0.001	< 0.01	-----
90063 H	208 --	0.003	< 0.01	-----
90064 H	208 --	0.003	< 0.01	-----
90065 H	208 --	< 0.001	0.01	-----
90066 H	208 --	< 0.001	< 0.01	-----
90067 H	208 --	< 0.001	< 0.01	-----
90068 H	208 --	< 0.001	< 0.01	-----
90069 H	208 --	< 0.001	< 0.01	-----
90070 H	208 --	< 0.001	< 0.01	-----
90071 H	208 --	0.001	< 0.01	-----
90072 H	208 --	< 0.001	< 0.01	-----
90073 H	208 --	< 0.001	< 0.01	-----
90074 H	208 --	< 0.001	< 0.01	-----
90075 H	208 --	0.001	< 0.01	-----
90076 H	208 --	0.001	< 0.01	-----
90077 H	208 --	0.001	< 0.01	-----
90078 H	208 --	0.002	< 0.01	-----
90079 H	208 --	0.002	< 0.01	-----
90080 H	208 --	0.002	< 0.01	-----
90081 H	208 --	0.003	< 0.01	-----
90082 H	208 --	0.005	< 0.01	-----
90083 H	208 --	< 0.001	< 0.01	-----
90084 H	208 --	< 0.001	< 0.01	-----
90085 H	208 --	0.001	< 0.01	-----
90086 H	208 --	0.001	< 0.01	-----
90087 H	208 --	0.001	< 0.01	-----
90088 H	208 --	0.001	< 0.01	-----
90089 H	208 --	< 0.001	< 0.01	-----
90090 H	208 --	0.001	< 0.01	-----

OLD CORE
RESAMPLING

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION : E. Thomas

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA. CANADA V7J-2C1

PHONE (604) 984-0221

To: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Date : 7-JUN-88
Invoice # : I-8816106
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816106

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Pt ppb
90091 H	208 --	0.001	0.01	-----
90092 H	208 --	< 0.001	0.01	-----
90093 H	208 --	< 0.001	0.01	-----
90094 H	208 --	< 0.001	< 0.01	-----
90095 H	208 --	< 0.001	< 0.01	-----
90096 H	208 --	< 0.001	< 0.01	-----
90097 H	208 --	< 0.001	< 0.01	-----
90098 H	208 --	< 0.001	< 0.01	-----
90099 H	208 --	< 0.001	< 0.01	-----
90100 H	208 --	< 0.001	< 0.01	-----
90101 H	208 --	< 0.001	0.01	-----
90102 H	208 --	< 0.001	< 0.01	-----
90103 H	208 --	0.002	< 0.01	-----
90104 H	208 --	0.005	< 0.01	-----
90105 H	208 --	0.003	0.01	-----
90106 H	208 --	0.011	0.01	-----
90107 H	208 --	0.004	< 0.01	-----
90108 H	208 --	0.010	0.04	-----
90109 H	208 --	0.008	< 0.01	-----
90110 H	208 --	< 0.001	< 0.01	-----
90111 H	208 --	< 0.001	< 0.01	-----
90112 H	208 --	< 0.001	< 0.01	-----
90113 H	208 --	< 0.001	< 0.01	< 50
90114 H	208 --	< 0.001	< 0.01	-----
90115 H	208 --	< 0.001	< 0.01	-----
90116 H	208 --	< 0.001	0.01	-----
90117 H	208 --	< 0.001	< 0.01	-----
90118 H	208 --	< 0.001	< 0.01	-----
90119 H	208 --	< 0.001	< 0.01	-----
90120 H	208 --	< 0.001	< 0.01	-----
90121 H	208 --	0.001	< 0.01	< 50
90122 H	208 --	< 0.001	< 0.01	-----
90123 H	208 --	< 0.001	0.01	-----
90124 H	208 --	0.002	0.28	< 50
90125 H	208 --	< 0.001	< 0.01	-----
90126 H	208 --	< 0.001	< 0.01	-----
90127 H	208 --	< 0.001	< 0.01	-----
90128 H	208 --	< 0.001	< 0.01	-----
90129 H	208 --	< 0.001	< 0.01	-----
90130 H	208 --	< 0.001	< 0.01	-----

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CERTIFICATION : K. Gambucini

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

Date : 7-JUN-88
Invoice # : I-8816106
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816106

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Ag oz/T	Pt ppb
90131 H	208	--	< 0.001	< 0.01	-----
90132 H	208	--	< 0.001	< 0.01	-----
90133 H	208	--	< 0.001	< 0.01	-----
90134 H	208	--	< 0.001	< 0.01	-----
90135 H	208	--	< 0.001	< 0.01	-----
90136 H	208	--	< 0.001	< 0.01	-----
90137 H	208	--	< 0.001	0.01	-----
90138 H	208	--	< 0.001	< 0.01	-----
90139 H	208	--	< 0.001	0.01	-----
90140 H	208	--	< 0.001	< 0.01	-----
90141 H	208	--	< 0.001	0.01	-----
90142 H	208	--	< 0.001	0.01	-----
90143 H	208	--	< 0.001	< 0.01	-----
90144 H	208	--	< 0.001	< 0.01	-----
90145 H	208	--	< 0.001	< 0.01	-----
90146 H	208	--	< 0.001	< 0.01	-----
90147 H	208	--	< 0.001	0.01	-----
90148 H	208	--	< 0.001	< 0.01	-----
90149 H	208	--	< 0.001	< 0.01	-----
90150 H	208	--	< 0.001	< 0.01	-----
90151 H	208	--	< 0.001	< 0.01	-----
90152 H	208	--	< 0.001	0.02	-----
90153 H	208	--	< 0.001	0.02	-----
90154 H	208	--	< 0.001	< 0.01	-----
90155 H	208	--	< 0.001	0.01	-----
90156 H	208	--	< 0.001	< 0.01	-----
90157 H	208	--	< 0.001	< 0.01	-----
90158 H	208	--	< 0.001	< 0.01	-----
90159 H	208	--	< 0.001	0.01	-----
90160 H	208	--	< 0.001	< 0.01	-----
90161 H	208	--	< 0.001	< 0.01	-----
90162 H	208	--	< 0.001	< 0.01	-----
90163 H	208	--	< 0.001	0.01	-----
90164 H	208	--	< 0.001	0.01	-----
90165 H	208	--	0.001	0.01	-----
90166 H	208	--	< 0.001	0.02	-----
90167 H	208	--	< 0.001	0.01	-----
90168 H	208	--	< 0.001	< 0.01	-----
90169 H	208	--	< 0.001	< 0.01	-----
90170 H	208	--	0.001	< 0.01	-----

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION : W. Ellis Armstrong

Chemex Labs Ltd.
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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

o : VALENTINE GOLD CORP.

2690 - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project : ASHLU
Comments:

**Page : 4
Tot. Pages: 4
Date : 7-JUN-88
Invoice # : I-8816106
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8816106

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Ag oz/T	Pt ppb
90171 H	208 --	< 0.001	< 0.01	-----

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C CERTIFIED ASSAYERS

CERTIFICATION : W. Stanley Armstrong

SOIL SAMPLES TAKEN BY

COOKE GEOLOGICAL CONSULTANTS

1987

COMPANY: COOKE GEOLOGICAL CONSULTANTS — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: TR87AS — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1071/P1+2

ATTENTION: BRAD COOKE — (604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE:AUGUST 28, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R1 000E	2.6	23	79	20	4	202	5
R1 025E	2.1	14	55	13	3	133	10
R1 050E	1.6	12	34	7	3	112	5
R1 075E	.3	2	30	48	2	76	5
R1 100E	1.2	33	34	6	2	97	5
R1 125E	.7	13	52	14	2	75	5
R1 150E	.6	1	21	12	1	68	10
R1 175E	.8	19	27	16	3	81	10
R1 200E	.5	10	22	4	3	74	15
R1 225E	.6	20	23	15	2	109	5
R1 250E	.9	7	34	14	2	131	5
R1 275E	1.0	4	24	6	3	130	5
R1 300E	.9	19	18	6	3	91	5
R1 325E	.8	11	27	4	2	74	5
R1 350E	.4	1	10	8	2	38	5
R1 375E	.3	1	12	4	2	42	10
R1 400E	.5	4	18	7	1	44	5
R1 425E	.6	1	23	10	2	48	5
R1 450E	.7	13	7	8	2	22	5
R1 475E	.4	14	10	11	2	31	5
R1 500E	.5	11	23	8	3	51	10
R1 525E	.5	28	23	8	6	35	5
R1 550E	.5	17	18	9	4	49	5
R1 575E	.8	18	15	8	4	43	10
R1 600E	1.2	26	23	15	7	34	220
R1 625E	.6	1	30	13	3	52	10
R1 650E	.8	15	22	8	5	49	5
R1 675E	1.3	17	17	17	4	44	10
R1 700E	.8	3	19	10	2	47	5
R1 725E	.8	11	47	5	2	103	15
R1 750E	.5	14	34	6	3	93	5
R1 775E	.7	20	94	7	3	121	5
R1 800E	1.2	9	36	14	2	102	5
R1 825E	1.1	12	40	10	2	132	5
R1 850E	.8	3	34	7	3	91	5
R1 875E	1.1	6	26	11	2	106	10
R1 900E	.6	2	52	15	1	113	5
R1 925E	1.2	5	67	13	4	147	5
R1 950E	.5	5	52	7	2	97	10
R1 975E	.9	3	51	11	3	117	5
R1 1000E	1.0	2	148	16	3	124	5
R1 1025E	.9	6	40	12	3	111	5
R1 1050E	1.1	1	41	8	3	105	5
R1 1075E	.8	11	39	4	3	86	5
R1 1100E	1.4	2	46	8	4	103	10
R1 1125E	1.0	11	26	3	4	61	5
R1 1150E	.5	6	55	9	2	66	5
R1 1175E	.7	17	37	17	4	70	5
R1 1200E	.6	1	26	7	3	56	10
R1 1225E	.9	13	17	4	4	60	5
R1 1250E	1.1	28	35	7	7	52	10
R1 1275E	1.1	4	36	7	3	80	5
R1 1300E	1.2	24	39	3	6	79	5
R1 1325E	.5	16	32	7	3	76	5
R1 1350E	.9	19	28	5	5	58	5
R1 1375E	.5	15	34	7	5	58	5
R1 1400E	.5	11	18	11	4	44	10
R1 1425E	1.1	17	22	21	6	54	5
R1 1450E	1.1	13	14	8	3	54	5
R1 1475E	.4	8	15	4	1	41	5

COMPANY: COOKE GEOLOGICAL CONSULTANTS — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1
PROJECT NO: TR87AS — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1071/P3+4
ATTENTION: BRAD COOKE — (604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * — DATE:AUGUST 28, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R1 1500E	.6	3	29	12	2	52	5
R1 1525E	1.2	7	10	9	5	24	5
R1 1550E	.9	1	26	6	3	59	5
R1 1575E	1.3	10	45	13	3	96	5
R1 1600E	1.6	21	23	11	1	47	5
R1 1625E	1.4	14	48	8	1	47	5
R1 1650E	.5	20	233	7	2	107	10
R1 1675E	1.0	15	21	4	2	37	5
R1 1700E	.9	16	37	7	5	64	5
R1 1725E	.6	6	20	7	2	49	5
R1 1750E	1.2	12	16	7	3	40	5
R1 1775E	.6	6	20	7	2	45	5
R1 1800E	.9	14	12	5	3	25	5
R1 1825E	1.4	16	34	15	5	55	10
R1 1850E	1.0	12	24	5	5	46	10
R1 1875E	1.2	22	16	5	4	44	5
R1 1900E	.6	13	18	5	3	36	5
R1 1925E	.7	1	23	7	5	45	10
R1 1950E	.9	8	21	6	3	51	10
R1 1975E	.7	10	17	11	3	36	5
R1 2000E	.8	31	20	5	3	38	5
R1 2025E	1.4	21	12	5	5	34	10
R1 2050E	.4	11	53	20	6	22	20
R1 2075E	.6	4	13	5	2	35	5
R1 2100E	.9	3	6	7	2	25	5
R1 2125E	1.3	17	11	9	2	33	10
R1 2150E	1.9	3	6	12	3	30	5
R1 2175E	.5	2	4	6	1	15	5
R1 2200E	.5	649	26	5	2	86	5
R1 2225E	.8	1	10	4	3	33	10
R1 2250E	.6	10	9	6	3	42	5
R1 2275E	.8	22	17	14	5	37	5
R1 2300E	1.4	7	15	7	3	50	5
R1 2325E	.8	12	12	5	3	38	5
R1 2350E	.8	14	22	9	2	48	5
R1 2375E	.7	15	17	6	4	52	10
R1 2400E	.2	6	18	12	5	24	5
R1 2425E	.8	13	11	7	3	33	5
R1 2450E	.7	9	10	7	3	47	5
R1 2475E	.9	14	12	13	3	52	5
R1 2500E	.8	10	15	8	4	78	5
R1 2525E	1.5	31	22	11	4	104	5
R1 2550E	.7	15	14	7	3	53	5
R1 2575E	1.0	1	9	10	1	37	10
R1 2600E	.7	12	16	3	3	45	5
R1 2625E	1.3	14	16	8	5	62	5
R1 2650E	.7	23	21	6	4	49	5
R1 2675E	.5	4	22	9	4	40	5
R1 2700E	.7	9	10	10	2	26	5
R1 2725E	.7	10	11	3	3	23	5
R1 2750E	.6	13	14	7	3	34	5
R1 2775E	1.4	13	5	7	3	43	5
R1 2800E	1.0	7	17	11	6	39	5
R1 2825E	.4	32	19	7	6	21	10
R1 2850E	1.3	1	14	7	4	38	5
R1 2875E	.5	11	22	5	3	54	5
R1 2900E	.9	10	14	7	5	26	5
R1 2925E	1.2	15	14	17	3	34	5
R1 2950E	1.6	4	17	11	1	34	10
R1 2975E	.4	13	20	13	2	34	5

COMPANY: COOKE GEOLOGICAL CONSULTANTS — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1
PROJECT NO: TR87AS — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1071/P5+6
ATTENTION: BRAD COOKE — (604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE:AUGUST 28, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R1 3000E	1.6	3	28	11	4	70	5
R1 3025E	.9	25	32	22	4	113	5
R1 3050E	.8	9	22	5	4	49	10
R1 3075E	1.7	1	26	11	4	99	5
R1 3100E	.7	2	8	14	1	36	5
R1 3125E	.5	12	15	5	3	50	5
R1 3150E	.5	29	18	10	3	36	10
R1 3175E	.6	14	17	7	5	48	5
R1 3200E	.9	2	24	28	2	77	5
R1 3225E	.7	15	17	25	3	94	5
R1 3250E 40M	1.1	24	35	17	5	57	5
R1 3275E	.2	7	15	10	4	14	5
R1 3300E	.5	8	11	7	1	41	5
R1 3325E	1.4	4	16	8	4	58	10
R1 3350E	.7	1	7	6	1	32	5
R1 3375E	1.1	14	10	9	5	75	5
R1 3400E	1.1	7	10	5	6	59	5
R1 3425E	1.1	7	6	9	1	39	5
R1 3450E	.7	9	8	11	3	58	5
R1 3475E	.9	18	17	13	3	90	5
R1 3500E	1.0	3	7	12	4	56	10
R1 3525E 40M	.7	6	8	5	5	38	10
R1 3550E	.6	8	10	15	3	55	5
R1 3575E	1.0	5	7	9	1	33	5
R1 3600E	.9	6	5	4	1	15	5
R1 3625E	1.1	3	9	4	4	28	5
R1 3650E	.9	12	9	10	3	46	10
R1 3675E	.7	16	7	7	1	42	5
R1 3700E	1.0	5	9	20	5	37	5
R1 3725E	.8	17	28	4	2	39	5
R1 3750E	.6	2	9	10	4	63	5
R1 3775E	.3	11	14	4	3	68	5
R1 3800E 40M	.8	14	8	7	4	47	5
R1 3825E	.6	14	12	10	3	48	20
R1 3850E	.6	1	12	11	2	45	10
R1 3875E	1.1	7	13	10	4	88	5
R1 3900E	.6	27	9	5	4	44	10
R1 3925E	.8	11	10	10	4	52	5
R1 3950E	.5	7	11	4	4	52	5
R1 3975E 20M	.9	3	8	10	4	98	5
R1 4000E	.4	16	10	5	2	55	5
R1 4025E	.9	20	11	6	4	47	10
R1 4050E	.2	4	10	10	4	28	5
R1 4075E	.7	41	11	17	4	37	5
R1 4100E 40M	1.2	18	12	14	7	103	5
R1 4125E	.2	3	10	10	5	57	10
R1 4150E	1.6	11	9	8	4	59	5
R1 4175E	1.8	19	9	28	5	45	250
R1 4200E	1.0	9	9	11	3	33	5

COMPANY: COOKE GEOLOGICAL CONSULTANTS — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: TR87AS — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-11455/P7-G

ATTENTION: BRAD COOKE — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:SEPT 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R.1 4675E	.5	2	10	12	6	46	5
R.1 4700E	.5	4	14	12	7	54	10
R.1 4725E	1.0	10	11	9	11	76	50
R.1 4750E	.7	3	10	7	8	36	5
R.1 4775E	.8	15	11	9	10	50	20
R.1 4800E	1.0	17	12	12	10	45	5
R.1 4825E	.6	9	12	12	10	42	5
R.1 4850E	.6	12	9	6	9	32	10
R.1 4875E	.6	7	7	10	9	35	5
R.1 4900E	.7	10	11	14	8	47	50
R.1 4925E	.7	14	10	9	7	43	10
R.1 4950E	.5	9	10	10	7	50	5
R.1 4975E	.9	17	8	9	7	36	5
R.1 5000E	.5	16	10	21	10	28	10
R.1 5025E	.9	6	9	9	9	37	20
R.1 5050E	1.1	14	10	7	9	56	25
R.1 5075E	1.7	21	15	8	8	122	5
R.1 5100E	.6	8	12	12	8	63	5
R.1 5125E	.8	27	20	8	14	81	5
R.1 5150E	.6	7	11	7	9	36	10
R.1 5175E	.5	4	12	11	7	49	5
R.1 5200E	.6	17	11	15	8	61	5
R.1 5225E	1.1	19	11	11	8	45	5
R.1 5250E	.7	12	11	13	9	54	10
R.1 5275E	1.2	19	11	6	16	94	5
R.1 5300E	.9	21	10	19	16	63	5
R.1 5325E	.9	8	13	7	15	50	5
R.1 5350E	1.1	17	9	10	8	22	10
R.1 5375E	1.2	17	15	22	8	81	5
R.1 5400E	.6	3	15	14	11	46	5
R.1 5425E	.8	6	16	7	8	44	5
R.1 5450E	.8	7	11	15	8	55	5
R.1 5475E	.9	30	24	13	12	72	10
R.1 5500E	1.4	22	17	9	8	111	5
R.1 5525E	1.1	17	13	16	8	81	5
R.1 5550E	.9	22	17	10	13	97	5
DOIN Ck	.4	5	13	14	5	66	5

COMPANY: COOKE GEOLOGICAL CONSULTANTS MIN-EN LABS ICP REPORT TK87AM4 (ACT:F31) PAGE 1 OF 1

PROJECT NO: 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 7-1225S/P1+2

ATTENTION: BRAD COOKE (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:SEPT 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R2 0000E	.8	5	21	16	2	53	5
R2 0025E	.6	2	11	4	2	32	10
R2 0050E	.7	4	16	7	4	51	5
R2 0075E	.8	5	29	11	6	61	5
R2 0100E	.9	5	31	6	7	48	5
R2 0125E	1.0	6	28	8	4	57	10
R2 0150E	.9	21	11	13	16	52	5
R2 0175E	.9	19	19	11	16	59	5
R2 0200E	.8	18	8	8	15	38	5
R2 0225E	.6	18	2	20	15	27	5
R2 0250E	.9	18	16	7	15	42	10
R2 0275E	1.1	21	6	8	15	46	15
R2 0300E	1.2	17	9	13	14	61	5
R2 0325E	1.1	18	38	6	18	76	5
R2 0350E	1.0	11	26	16	7	78	5
R2 0375E	1.0	13	16	14	7	51	5
R2 0400E	1.0	8	17	9	6	63	5
R2 0425E	1.0	12	12	11	7	42	5
R2 0450E	1.1	12	7	13	9	26	5
R2 0475E	1.0	10	20	9	6	78	10
R2 0500E	.9	11	9	11	7	49	5
R2 0525E	1.0	14	21	4	9	83	60
R2 0550E	.9	12	11	18	8	45	5
R2 0575E	.8	15	64	9	8	115	10
R2 0600E	1.2	16	19	10	10	46	5
R2 0625E	1.3	15	10	4	8	47	5
R2 0650E	1.0	11	14	8	3	55	5
R2 0675E	1.0	9	9	8	6	37	150
R2 0700E	1.0	14	10	7	5	42	5
R2 0725E	.9	12	4	5	7	38	5
R2 0750E	1.3	8	17	6	2	77	10
R2 0775E	1.3	5	18	5	3	58	5
R2 0800E	1.2	5	22	8	3	69	5
R2 0825E	1.2	30	24	14	4	62	5
R2 0850E	1.3	7	10	7	3	34	5
R2 0875E	1.0	16	11	11	1	40	10
R2 0900E	1.0	22	15	10	2	57	5
R2 0925E	1.4	5	16	3	4	42	5
R2 0950E	1.3	8	23	9	3	45	5
R2 0975E	1.3	6	17	5	3	62	5
R2 1000E	1.2	15	19	13	2	48	10
R2 1025E	1.3	26	28	15	3	65	5
R2 1050E	.9	12	20	11	1	35	5
R2 1075E	1.6	19	13	11	5	30	15
R2 1100E	1.1	13	11	10	2	30	5
R2 1125E	.8	26	23	3	5	49	5
R2 1150E	.9	10	15	5	2	42	5
R2 1175E	.2	4	12	4	1	24	10
R2 1200E	.9	12	10	4	2	26	5
R2 1225E	.3	3	15	10	2	34	5
R2 1250E	.7	14	17	10	1	42	5
R2 1275E	.6	11	14	5	1	32	20
R2 1300E	.8	11	13	4	2	37	5
R2 1325E	1.2	6	14	7	3	29	5
R2 1350E	.6	1	13	4	1	25	10
R2 1375E	.9	1	15	5	2	29	5
R2 1400E	.8	2	17	9	1	23	5
R2 1425E	.7	8	19	9	1	20	5
R2 1450E	1.7	8	9	7	4	23	10

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SEP 14 1987
ASSOCIATED

COMPANY: COOKE GEOLOGICAL CONSULTANTS — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1225S/P3+4

ATTENTION: BRAD COOKE — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:SEPT 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R2 1500E	.9	6	16	5	2	61	5
R2 1525E	.4	2	17	5	1	56	5
R2 1550E	.7	2	21	6	1	78	5
R2 1575E	.8	3	20	9	1	72	5
R2 1600E	.8	6	53	5	2	54	10
R2 1625E	.7	5	10	4	3	46	5
R2 1650E	.4	5	11	12	1	50	5
R2 1675E	.6	3	6	10	2	40	5
R2 1700E	.2	1	16	8	1	50	5
R2 1725E	.4	6	19	3	2	58	5
R2 1750E	.4	3	9	9	3	40	10
R2 1775E	.6	8	18	11	1	46	5
R2 1800E	1.0	9	11	4	5	41	5
R2 1825E	.9	10	19	6	4	56	5
R2 1850E	.6	7	14	8	6	64	10
R2 1875E	.8	10	10	6	1	56	5
R2 1900E	1.2	11	18	11	2	52	5
R2 1925E	1.7	12	24	11	2	66	5
R2 1950E	.9	9	11	10	2	49	25
R2 1975E	1.0	10	10	8	4	47	5
R2 2000E	1.3	13	15	9	4	81	5
R2 2025E	.9	13	13	4	3	56	10
R2 2050E	.7	8	9	3	1	43	5
R2 2075E	.6	8	11	9	1	37	5
R2 2100E	1.0	11	10	3	2	40	40
R2 2125E	1.1	9	8	8	2	36	5
R2 2150E	1.0	9	11	13	2	40	5
R2 2175E	1.1	11	7	9	4	29	10
R2 2200E	.7	10	11	12	4	42	5
R2 2225E	1.6	16	2	9	9	39	5
R2 2250E	1.0	1	13	7	2	63	5
R2 2275E	.5	5	6	3	1	16	5
R2 2300E	.7	13	18	6	2	37	5
R2 2325E	.5	2	28	8	2	47	5
R2 2350E	.7	2	16	6	2	37	5
R2 2375E	.8	5	24	4	2	44	10
R2 2400E	1.0	9	20	6	2	43	5
R2 2425E	.7	8	17	7	2	31	5
R2 2450E	1.0	4	18	4	3	31	10
R2 2475E	.7	33	25	11	7	35	5
R2 2500E	1.0	35	25	18	7	35	5
R2 2525E	.7	21	29	6	4	20	5
R2 2550E	.9	3	24	5	4	33	5
R2 2575E	.8	7	35	7	3	64	5
R2 2600E	.7	23	28	13	1	36	5
R2 2625E	.2	14	26	3	6	22	10
R2 2650E	.6	15	18	3	1	38	5
R2 2675E	.6	13	19	4	1	41	5
R2 2700E	.7	8	19	11	2	32	5
R2 2725E	.6	18	27	5	1	36	15
R2 2750E	.7	5	25	5	2	48	10
R2 2775E	.4	20	19	6	1	40	5
R2 2800E	.5	1	13	7	2	32	5
R2 2825E	1.1	11	98	9	1	55	10
R2 2850E	.9	7	137	5	1	64	5
R2 2875E	.4	15	11	8	1	34	5
R2 2900E	.6	11	14	7	3	29	5
R2 2925E	.2	12	12	8	1	24	10
R2 2950E	.2	10	20	8	2	22	5

COMPANY: COOKE GEOLOGICAL CONSULTANTS — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1225S/P5+6

ATTENTION: BRAD COOKE — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:SEPT 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R2 3000E	.8	15	27	4	1	61	5
R2 3025E	.7	4	30	10	2	51	5
R2 3050E	.9	7	7	6	2	24	5
R2 3075E	.8	2	17	3	4	68	5
R2 3100E	1.2	9	129	14	7	59	10
R2 3125E	.8	14	10	9	5	46	5
R2 3150E	.8	11	11	10	1	37	5
R2 3175E	.6	8	15	17	5	37	5
R2 3200E	.5	4	11	4	2	27	10
R2 3225E	.9	1	6	3	2	27	5
R2 3250E	.3	9	10	7	1	32	5
R2 3275E	.8	12	14	12	1	45	5
R2 3300E	.5	20	14	10	3	30	10
R2 3325E	.7	23	16	8	7	30	5
R2 3350E	.5	7	18	8	1	28	5
R2 3375E	.5	2	8	3	1	28	5
R2 3400E	.7	7	8	6	1	31	10
R2 3425E	.8	10	16	10	2	30	5
R2 3450E	.8	4	7	7	1	20	5
R2 3475E	.9	3	10	4	3	37	5
R2 3500E	.7	7	12	7	1	35	10
R2 3525E	.8	6	5	6	1	15	5
R2 3550E	.9	10	26	8	3	33	5
R2 3575E	.7	5	3	8	2	15	5
R2 3600E	.8	10	13	10	5	27	5
R2 3625E	.9	10	3	5	5	23	10
R2 3650E	.9	4	6	5	4	31	5
R2 3675E	1.6	8	6	6	14	21	5
R2 3700E	2.3	53	13	22	19	33	5
R2 3725E	.7	16	10	4	5	22	5
R2 3750E	1.0	11	4	9	3	36	5
R2 3775E	.3	42	19	13	3	120	15
R2 3800E	.4	18	14	4	4	61	5
R2 3825E	.5	10	13	5	1	34	5
R2 3850E	.4	14	17	10	1	58	5
R2 3875E	.5	11	16	5	3	47	320
R2 3900E	.4	24	17	10	2	75	5
R2 3925E	.5	11	11	9	3	50	5
R2 3950E	.4	14	12	4	2	53	5
R2 3975E	1.4	24	30	7	4	82	5
R2 4000E	1.1	38	32	5	4	150	10
R2 4025E	.7	31	38	14	3	118	5
R2 4050E	.8	22	27	8	2	96	5
R2 4075E	1.0	27	31	6	3	147	5
R2 4100E	1.5	21	32	13	1	89	5
R2 4125E	.6	13	25	6	1	72	5
R2 4150E	2.2	30	152	17	3	210	10
R2 4175E	1.3	17	67	6	1	113	5
R2 4200E	1.5	26	55	14	7	124	5
R2 4225E	1.3	31	104	17	3	127	5
R2 4250E	1.9	37	134	11	8	151	5
R2 4275E	1.1	15	10	4	2	53	10
R2 4300E	.9	18	21	12	4	73	5
R2 4325E	.7	21	16	8	2	73	5
R2 4350E	.6	13	6	5	1	34	5
R2 4375E	.9	16	6	11	1	50	5
R2 4400E	.9	17	13	3	2	62	10
R2 4425E	1.1	29	15	7	6	77	5
R2 4450E	1.5	19	16	12	1	80	5
R2 4475E							

COMPANY: COOKE GEOLOGICAL CONSULTANTS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-1225S/P7

ATTENTION: BRAD COOKE | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:SEPT 11, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
R2 4500E	1.6	10	6	10	3	31	5
R2 4525E	1.1	21	24	5	1	72	10
R2 4550E	.8	15	13	7	2	62	5
R2 4575E	.8	14	14	8	1	57	5
R2 4600E	.6	20	26	8	3	75	5
R2 4625E	1.7	25	48	11	4	106	5
R2 4650E	1.2	12	8	6	1	41	5
R2 4675E	1.4	23	18	10	4	91	10
R2 4700E	1.0	33	20	8	3	88	5
R2 4725E	1.0	21	15	5	1	80	5
R2 4750E	.9	32	27	8	4	100	5
R2 4775E	.7	25	18	14	1	78	5
R2 4800E	.9	29	67	3	6	108	5
R2 4825E	1.8	27	24	16	3	123	10
R2 4850E	1.4	33	28	7	7	121	5
R2 4875E	1.8	27	27	15	4	91	5
R2 4900E	1.7	12	9	10	2	41	5
R2 4925E	1.1	17	11	5	2	74	10
R2 4950E	.9	23	26	15	1	81	10
R2 4975E	.7	25	25	8	5	81	5

APPENDIX II

DRILL LOGS

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-1 PAGE 1 OF 1

DATE DRILLED 13 July 88
LOGGED BY ~~PM~~
ASSAYED BY ~~Chemex~~

ELEVATION 1350 level
NORTHING proximity to
EASTING Winze "F"

DEPTH	INCLINATION	BEARING
	Horiz	105°

PROPERTY Ashlu
DEPTH 29'
CORE SIZE Percussion

FROM	TO	DESCRIPTION	Real Depth		Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Qtz Diorite	12"	26"										0.002	
		Less than 1% fine sulphides													
5	9	"	26"	47"										0.002	
9	13	"	47"	68"										0.002	
13	17	"	68"	88"										0.002	
17	21	"	88"	109"										0.002	
21	25	"	109"	130"										0.002	
25	29	"	130"	151"	(12'6")									0.002	

VALENTINE GOLD CORP -- DRILL HOLE RECORD --- HOLE NO. 88-2

DATE DRILLED	13 July 88	ELEVATION	1350 Level	DEPTH	INCLINATION	BEARING	PROPERTY	Ashlu
LOGGED BY	PM	NORTHING	Opposite of		Horiz.	105°	DEPTH	9'
ASSAYED BY	Chemex	EASTING	Winze E				CORE SIZE	Percussion

FROM	TO (ft)	DESCRIPTION	Real Depth		Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Quartz, very little sulphides	12"	26"										0.018	
5	9	Quartz & Black Dyke	26"	47"										0.036	
		Less than 1% sulphides													
		Hole lost at 9'													

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-3

DATE DRILLED 13 July 88
LOGGED BY PM
ASSAYED BY Chemex

ELEVATION 1350' Level
NORTHING by sample 42
EASTING

DEPTH	INCLINATION	BEARING
	Horiz	105°

PROPERTY Ashlu
DEPTH 15'
CORE SIZE Percussion

FROM	TO	DESCRIPTION	Real Depth		Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Black Dyke and Some Quartz	12"	26"										0.032	
5	9	Quartz vein sulph 21%	26"	58"										0.010	
9	10	Quartz	47"	68"										0.004	
10	13	Quartz Diorite	68"	88"										0.004	
13	15	Quartz Diorite (Footwall)	88"	78"	(6'6")										

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-4 PAGE 1 OF 1

DATE DRILLED 14 July 88
LOGGED BY PM
ASSAYED BY Chemex

ELEVATION 1350' level
NORTHING by sample 107'
EASTING

DEPTH
INCLINATION 65° up from horizontal
BEARING 250°

PROPERTY Ashlu
DEPTH 26'
CORE SIZE

FROM	TO (ft)	DESCRIPTION	Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
0	5	Green-grey andesitic volcanic rock										0.002	
5	9	sulphides minimal										0.002	
9	13											0.002	
13	17											0.002	
17	21											0.002	
21	25											0.002	
25	26												

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-5

				DEPTH	INCLINATION	BEARING		
DATE DRILLED	14 July 88	ELEVATION	1350' level		Horiz	105°	PROPERTY	Ashlu
LOGGED BY	PM	NORTHING	at sample 100				DEPTH	29'
ASSAYED BY	Chemex	EASTING					CORE SIZE	Percussion

FROM	TO (ft)	DESCRIPTION	Real depth		Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Dark green Dyke rock	12"	26"										0.002	
		min sulphides													
5	9	same, dyke, min sulphides	26"	47"										0.002	
9	13	"	47"	68"										0.002	
13	17	"	68"	88"										0.002	
17	21	"	88"	109"										0.002	
21	25		109"	130"										0.002	
25	29		130"	151"	(12'6")									0.002	
		Hole caved in at 29'													

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-6 PAGE 1 OF 1

DATE DRILLED 15 July 88
LOGGED BY PM
ASSAYED BY Chemex

ELEVATION 1300 Level
NORTHING South of Winze
EASTING "F"

DEPTH	INCLINATION	BEARING
	Horiz	105°

PROPERTY Ashlu
DEPTH 43'
CORE SIZE Percussion

FROM	TO (ft)	DESCRIPTION	Real Depth		Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Quartz vein (1-5% Sulph)												0.008	
5	9	"		52"	(4'6")									0.002	
9	13	dyke, min sulphides												0.004	
13	17	"												0.006	
17	21	"												0.004	
21	25	"												0.002	
25	29	"												0.002	
29	34	"												0.002	
34	38	"												0.002	
38	43	Quartz Diorite		193"	(16')									0.002	

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-7 PAGE 1 OF 1

DATE DRILLED	15 July 88	ELEVATION	1300 level	DEPTH	INCLINATION	BEARING	PROPERTY	Ashlu	
LOGGED BY	PM	NORTHING	by sample 62		65° up	105°	DEPTH	13'	
ASSAYED BY	Chemex	EASTING			from horiz		CORE SIZE		

FROM	TO (ft)	DESCRIPTION	Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Grey - green dyke minor sulphides										0.032	
5	8	"										0.006	
8	13	Quartz Diorite										0.002	

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-8 PAGE 1 OF 1

				DEPTH	INCLINATION	BEARING		
DATE DRILLED	15 July 88	ELEVATION	1300 level		Horiz	105°	PROPERTY	Ashlu
LOGGED BY	PM	NORTHING	by sample 33				DEPTH	21'
ASSAYED BY	Chemex	EASTING	by WINZE E				CORE SIZE	Percussion

FROM	TO (ft)	DESCRIPTION	Real Depth	Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Quartz - minor sulphides											0.006	
5	9	"	41.7"	(3 1/2 ft)									0.008	
9	13	Quartz Diorite											0.072	
13	17	"											0.014	
17	21													

VALENTINE GOLD CORP -- DRILL HOLE RECORD -- HOLE NO. 88-9 PAGE 1 OF 1

DATE DRILLED	16 July 88	ELEVATION	1300 level	DEPTH	INCLINATION	BEARING	PROPERTY	Ashlu	
LOGGED BY	BM	NORTHING	by sample 14		Horiz	105°	DEPTH	29'	
ASSAYED BY	Chemex	EASTING					CORE SIZE	Percussion	

FROM	TO	DESCRIPTION	Real Depth	Angle	%CoCO	%Sul	% Vein	FROM	TO	SAMPLE #	INT	REC	Au oz/ton	Au ppb
1	5	Quartz + dyke											0.004	
5	9	Dyke											0.004	
9	13	Dyke	62"	5'2")									0.002	
13	17	Quartz vein	104"	8'8")									0.018	
17	21	Dyke	151"	(12'7")									0.084	
21	25												0.064	
25	29	Lost the hole at 29'											0.048	

APPENDIX III

VANCOUVER PETROGRAPHICS REPORTS

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
V0X 1J0

PHONE (604) 888-3229

Report for: **Michael Hopley,**
Valentine Gold Corp.,
2690 - 666 Burrard Street,
VANCOUVER, B.C., V6C 2X8

Invoice 7446
June 1988

Project: Ashlu

Sample: 1250 - Crosscut

Summary:

The sample is a metamorphosed (greenschist facies) and slightly altered, weakly banded andesite dominated by plagioclase and quartz, with lesser sericite and pyrite, and much less calcite, Ti-oxide and tremolite/epidote. It is cut by a vein of quartz and a thin seam of chlorite, both outside the thin section.

John G. Payne

Sample 1250 **Altered Andesite (Plagioclase-Quartz-Sericite-Pyrite-Calcite) cut by Quartz Vein**

The rock is a very fine grained, slightly banded, metamorphosed andesite, dominated by plagioclase, quartz, sericite, and pyrite with moderately abundant calcite and Ti-oxide, and minor chlorite and tremolite/epidote. Compositionally banding is defined by slight to moderate variation in quartz/plagioclase and in felsic/mafic minerals. Pyrite is partly concentrated in bands parallel to foliation. Outside the thin section, the rock is cut by a quartz vein up to a few mm wide. One face of the hand sample is coated by a thin vein dominated by chlorite.

plagioclase	30-35%	chlorite	1%
quartz	25-30	tremolite/epidote	0.5
sericite	12-15	apatite	minor
pyrite	7- 8	zircon	trace
calcite	2- 3		
Ti-oxide	1- 2		

Plagioclase forms anhedral, equant grains averaging 0.05-0.15 mm in size, with a few bands containing grains averaging 0.1-0.2 mm in size. Plagioclase is altered slightly to moderately to extremely fine to very fine grained sericite.

Quartz forms equant, anhedral grains averaging 0.05-0.15 mm in size, intergrown with plagioclase and calcite.

Sericite/muscovite forms extremely fine to very fine grained aggregates, probably in large part after plagioclase. A few sericite-(tremolite/epidote)-rich lenses contain a few muscovite flakes up to 0.2 mm long.

Pyrite forms euhedral to subhedral porphyroblasts averaging 1- 2 mm in size. It is concentrated in clusters up to several mm across, the largest of which is outside the thin section. Pyrite grains commonly are rimmed by muscovite flakes oriented parallel to the pyrite crystal faces. Less commonly, pyrite grains are partly rimmed by calcite or chlorite. Grains commonly contain moderately abundant silicate inclusions averaging 0.01-0.05 mm in size.

Calcite forms anhedral grains averaging 0.05-0.1 mm in size, a few larger grains up to 0.3 mm long interstitial to quartz and plagioclase, and a few ragged porphyroblasts up to 0.8 mm across. Some carbonate grains are intergrown intimately with minor to abundant Ti-oxide; these probably are secondary after sphene.

Ti-oxide forms ragged patches from 0.1-0.4 mm in size of extremely fine grained aggregates, probably after original ilmenite or sphene. The moderately high Ti-oxide content suggests that the original rock was andesite rather than dacite.

Tremolite/epidote is concentrated in a few clusters of ragged, anhedral to subhedral, prismatic grains averaging 0.05-0.08 mm in size, These are intergrown intimately with calcite and lesser sericite/muscovite. Identification between epidote and tremolite is uncertain, and possibly both phases are present.

Chlorite forms disseminated single flakes and clusters of a few flakes averaging 0.05-0.1 mm in size. Locally it is concentrated in lenses up to 0.25 mm wide parallel to compositionally banding. Chlorite is pleochroic from nearly neutral to light green.

Apatite forms anhedral, equant grains averaging 0.05-0.1 mm in size.

Zircon forms anhedral to euhedral, equant to prismatic grains averaging 0.03-0.07 mm in size.

PAUEL

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Report for: **Michael Hopley,**
Valentine Gold Corp.,
2690 - 666 Burrard Street,
VANCOUVER, B.C., V6C 2X8

Samples: 1-6 (Ashlu Mine)

Summary:

Sample #1 Mine Dike: Metamorphosed, recrystallized, slightly porphyritic hypabyssal(?) dacite, with abundant secondary biotite and epidote, cut by veinlets of calcite.

Black Dike from New Portal.

Sample #2 vein: quartz-(ankerite/siderite) with coarse patches of chalcopyrite-pyrrhotite-pyrite with concentrations of tellurides and native gold. Tellurides are dominated by tellurbismuth and calaverite and frohbergite, with minor hessite and altaite. Late ankerite-rich veinlets.

Mine On Unknown location.

Sample #3 cataclastically deformed (porphyritic) albite syenite, moderately altered to muscovite-(calcite); veinlets of quartz-calcite-albite and replacement patches of quartz-(muscovite).

Tokosha Vein.

Sample #4 patches of altered host rock (sericite-chlorite-epidote-ankerite-plagioclase-biotite) in vein of quartz-pyrrhotite-(pyrite-chalcopyrite-ankerite) with minor patches of tellurbismuth-calaverite-native gold and a trace of frohbergite(?) and hessite(?)

Mine On Ashlu. [illegible] location [illegible] level.

Sample #5 metamorphosed andesite (plagioclase-hornblende-biotite) in contact with metamorphosed potassic quartz diorite (plagioclase-quartz-[biotite-K-feldspar])

Black Dike [illegible] contact.

Sample #6 cataclastically deformed albite syenite (= Sample #3) replaced by vein of quartz-(plagioclase-muscovite-pyrite-calcite-apatite).

Photographs were taken to illustrate textures (mainly of precious-metal associations), and S.E.M. analysis was used to identify tellurides.

John G. Payne

John G. Payne
986-2928

SAMPLE PREPARATION

LIST OF PHOTOGRAPHS

Note: numbers refer to those on negative film and on back of prints

Film 1

Number	Sample	Description
S	2	tellurbismuth, calaverite, native gold; (over-exposed); reflected light; length of photo: 0.28 mm (450 X)
1	2	tellurbismuth-native gold-(calaverite-frohbergite-hessite) in chalcopyrite; reflected light; length of photo: 0.28 mm (450X)
2	2	chalcopyrite-tellurbismuth-native gold (larger scale of area covered by Photo 2); reflected light; length of photo: 1.15 mm (110 X)
3	2	tellurbismuth-calaverite-native gold in quartz; reflected light; length of photo: 0.28 mm (450 X)
4	4a	tellurbismuth, calaverite, and native gold with chalcopyrite and marcasite/pyrite; reflected light; length of photo: 1.15 mm (110 X)
5	4b	tellurbismuth and native gold in ankerite and quartz; reflected light; length of photo: 0.28 mm (450 X)
6	4b	similar to photo 4 of sample 4a; reflected light; length of photo: 1.15 mm (110 X)
7	4b	pyrrhotite altered in patches and along fractures to pyrite; reflected light; length of photo: 1.15 mm (110 X)
8	6	ragged, in part deformed, recrystallized plagioclase phenocrysts in groundmass of plagioclase-muscovite; crossed nicols; length of photo 3.1 mm (41 X)
9	5	plagioclase-hornblende-biotite; plane light; length of photo: 1.15 mm (110 X)
10	1	plagioclase-biotite-epidote-(quartz); plane light; length of photo: 1.15 mm (110 X)
11	5	plagioclase-quartz-biotite- K-feldspar; crossed nicols; length of photo: 1.15 mm (110 X)
12	6	quartz-(apatite) vein replacing plagioclase-sericite/muscovite cataclastically deformed albite syenite; crossed nicols; length of photo: 3.1 mm (41 X)
E	6	very coarse grained plagioclase-quartz vein cutting cataclastically deformed albite syenite; crossed nicols; length of photo: 3.1 mm (41 X)

Film 2

Number	Sample	Description
S,1	2	see overlay; reflected light; length of photo: 0.28 mm (450 X)
2,3	2	see overlay; reflected light; length of photo: 0.28 mm (450 X)
11,12	2	native gold in tellurbismuth, minor calaverite, frohbergite(?), hessite(?) in chalcopyrite and quartz reflected light; length of photo: 0.28 mm (450 X) (same as Film 1, Photo 1)

Sample #1 **Metamorphosed Slightly Porphyritic Hypabyssal(?) Dacite cut by Calcite Veinlets (= Mine Dike)**

The rock contains scattered plagioclase phenocrysts in a very fine grains groundmass dominated by biotite, epidote, and plagioclase, with scattered patches of quartz (Photo 10).

phenocrysts	
plagioclase	3- 4%
groundmass	
biotite	35-40
epidote	20-25
plagioclase	20-25
quartz	4- 5
chlorite	0.5
pyrite	0.1
calcite	0.1
Ti-oxide	0.1
pyrrhotite	minor
chalcopyrite	trace
native gold	trace
veinlets	
calcite	2- 3

Plagioclase forms phenocrysts from 0.7-1.5 mm in size. They are recrystallized moderately, and altered moderate to epidote and lesser sericite and/or biotite.

In the groundmass, plagioclase forms anhedral, equant grains averaging 0.03-0.1 m in size, with a few up to 0.3 mm across.

Biotite forms anhedral grains averaging 0.05-0.07 mm in size. These are concentrated in clusters of grains, with textures suggesting formation by contact(?) metamorphism. Pleochroism is from pale to medium brown.

Epidote forms irregular, equant to subhedral prismatic grains averaging 0.1-0.3 mm in size, with a few up to 0.5 mm long.

Quartz forms interstitial grains averaging 0.1-0.2 mm in size, and a few patches in which grains are up to 0.3 mm in size. A few patches consist of grains averaging 0.02-0.04 mm in size.

Chlorite forms scattered flakes from 0.07-0.15 mm in size.

Calcite forms scattered patches averaging 0.05-0.07 mm in size.

Ti-oxide forms dissented grains and clusters of grains averaging 0.02-0.07 mm in size, with a few over 0.1 mm across. A few larger patches have tiny opaque (ilmenite?) cores.

Pyrite forms scattered grains and patches averaging 0.07-0.2 mm in size, with a very few subhedral grains up to 0.6 mm across. Associated with some are intergrowths of pyrrhotite and chalcopyrite up to 0.1 mm in size. Pyrrhotite also forms scattered anhedral grains up to 0.2 mm in size, and chalcopyrite forms a very few up to 0.05 mm across.

Native gold forms one equant grain 0.008 mm across associated with biotite and epidote.

One lens up to 1 mm wide is dominated by quartz and epidote. These minerals are mainly very fine grained, with epidote forming a few subhedral prismatic grains up to 0.33 mm in length.

The rock contains a few lenses up to 1.5 mm wide (average 0.5-1 mm) of very fine to locally fine grained calcite. These grade into calcite-rich lenses intergrown with biotite, plagioclase, and epidote of the host rock. These probably were introduced during metamorphism.

mine ore

Sample #2 **Quartz-Chalcopyrite-Pyrrhotite-Pyrite-(Ankerite/Siderite-Tellurbismuth-Calaverite-Frohbergite-Native Gold-(Hessite-Altaite) cut by Ankerite-rich veinlets**

The sample is a fine to medium grained vein dominated by quartz with minor ankerite, and coarse patches of sulfides dominated by chalcopyrite and pyrrhotite, and local concentrations of native gold and tellurides, dominated by tellurbismuth, calaverite, and frohbergite, with minor hessite and altaite.

quartz	55-60%	sphalerite	0.5%
ankerite/siderite	2- 3	tellurbismuth (Bi_2Te_3)	0.2
sericite	trace	calaverite ($AuTe_2$)	0.05
chalcopyrite	15-17	native gold	minor
pyrrhotite	12-15	frohbergite ($Fe[Co]Te_2$)	minor
pyrite	3- 4	hessite (Ag_2Te)	trace
		altaite (PbTe)	trace

late veinlets
ankerite-(quartz-chalcopyrite) 1%

Quartz forms anhedral grains averaging 0.2-0.5 mm in size, with a few grains over 1.5 mm across. Grains show slightly strained extinction. A few grains are recrystallized to irregular, interlocking subgrain aggregates.

Sulfides form patches up to several mm across of aggregates ranging from very fine to coarse grained.

Pyrite forms subhedral to euhedral cubic to rectangular grains from 0.1-0.6 mm in size. Anisotropism is slight. Some patches of pyrite are fractured moderately; fractures are filled with carbonate and minor chalcopyrite.

Chalcopyrite forms patches up to 1.5 cm across, in part intergrown with pyrrhotite. Some chalcopyrite patches are fractured and cut by ankerite veinlets.

Pyrrhotite forms patches intergrown with chalcopyrite. It shows a variety of textures from fresh to replaced by irregular to colloform aggregates of secondary Fe-sulfide/carbonate(?) to very fine grained aggregates of secondary marcasite/pyrite. Pyrrhotite and its alteration products commonly are intergrown with patches of ankerite.

A few patches up to 2 mm in size consist of very fine grained pyrite/marcasite (probably after pyrrhotite), intergrown with extreme fine grained patches of pyrite/marcasite, whose textures indicate that they were formed by replacement of pyrrhotite.

Sphalerite forms scattered grains from 0.05-0.15 mm in size, enclosed in chalcopyrite. Sphalerite is deep reddish orange in color. Some grains contain moderately abundant inclusions of chalcopyrite averaging 0.001-0.002 mm in size. Minor chalcopyrite veinlets 0.001 mm wide from adjacent chalcopyrite grains cut a few sphalerite grains.

Tellurbismuth, calaverite, frohbergite, and minor hessite and altaite form patches up to 0.3 mm across associated with chalcopyrite and a few up to 0.05 mm across associated with sphalerite (Film 2: Photos 5, 1).

Several patches contain grains of native gold up to 0.02 mm across associated with tellurbismuth, calaverite, frohbergite, and minor altaite (Film 1: Photos 1, 2, and 3 [poor resolution on photos] and Film 2: Photos 2, 3, 11, 12). In another native silver grain associated with sphalerite is an irregular patchy to veinlike zone up to 0.007 mm wide of pale yellow electrum (50% Au-50% Ag ?).

(continued)

Ankerite forms anhedral grains averaging 0.1-0.3 mm in size. It commonly occurs on borders of quartz and sulfides. In a few patches up to 1 mm in size it is intimately intergrown with pyrrhotite and its alteration products.

Sericite forms a patch 0.1 mm across in quartz; the patch consists of extremely fine, unoriented grains.

The rock is cut by a few fracture-filling veinlets up to 0.1 mm in width of ankerite/siderite and much less quartz.

Pokosha vein

Sample # 3 **Cataclastically Deformed Albite Syenite with Veinlets of Quartz-Calcite-Plagioclase and Replacement Patches of Quartz**

The rock is a very fine to fine grained, porphyritic albite syenite composed of sodic plagioclase with lesser muscovite and minor calcite. It was moderately cataclastically deformed and partly recrystallized to a more uniform, fine to medium grained aggregate. It was cut by veinlets of quartz-calcite-albite, and replaced by patches of coarse grained quartz with minor muscovite seams.

rock and early recrystallized zones			
plagioclase	50-55%	early veins, lenses	
muscovite	7- 8	quartz	2- 3%
calcite	0.3	calcite	1- 2
Ti-oxide	0.2	plagioclase	1
zircon	trace	muscovite	minor
vein			
quartz	30-35		
muscovite	1		
calcite	minor		

Plagioclase forms a few phenocrysts(?) averaging 0.3-0.8 mm in size. Many have irregular outlines, and some are bent and broken and strained. These are set in a variable groundmass of plagioclase ranging from 0.01-0.1 mm in size. Textures suggest that it was formed by granulation and slight recrystallization of coarser grained aggregates. Muscovite forms minor to abundant disseminated flakes averaging 0.03-0.1 mm in length. Plagioclase contains moderately abundant dusty, opaque inclusions.

Calcite forms scattered patches averaging 0.05-0.1 mm in size. These probably are related in origin to the replacement and vein zones.

Ti-oxide forms scattered clusters of grain up to 0.2 mm in size, mainly along the borders of the rock with veins and replacement zones of quartz. Some clusters are of anhedral, equant grains, and some are of acicular grains up to 0.07 mm long.

Zircon forms disseminated, anhedral grains and clusters averaging 0.02-0.03 mm grains size.

The rock contains patches up to several mm across of more uniform, fine to locally medium grained, moderately interlocking plagioclase with irregular fine to very fine grained flakes of muscovite. These border on patches of replacement quartz, and probably represent zones in which the deformed host rock was recrystallized.

Several veinlets and irregular lenses averaging 0.1-0.5 mm wide are of fine grained quartz, calcite, plagioclase, and minor muscovite. These probably are early-formed veins and replacement zones.

Quartz forms replacement patches up to 2 cm across of coarse to very coarse grains up to a few mm across. These are mainly unstrained. Borders are irregular with relic patches of host rock. Commonly on the borders of the replacement patches, plagioclase forms subhedral to euhedral grains extending into the quartz patches.

In the quartz replacement zones, muscovite forms a few clusters and contorted seams of flakes averaging 0.1-0.15 mm in size. Some extend outwards from ends of patches of host rock, and may represent strongly altered relics of the host rock.

Calcite forms a few grains up to 0.1 mm in size, mainly along borders of plagioclase and quartz.

Sample #4 **Quartz-Pyrrhotite-(Pyrite-Chalcopyrite) Vein with a trace of Native Gold and Bismuth; with patches of Altered Host Rock (Metamorphosed Dacite Tuff?)**

The sample contains irregular patches up to a few cm across of foliated, in part contorted, metamorphosed intermediate rock, possibly a dacite tuff. It is dominated by sericite with lesser chlorite, epidote, ankerite, biotite, quartz, and plagioclase. The vein is medium to coarse grained and composed of quartz and patches of sulfides dominated by pyrrhotite with lesser pyrite and chalcopyrite, with minor tellurbismuth, lesser native gold and calaverite, and much less frohbergite(?) and hessite(?). (Identification of tellurides is based on comparison with Sample #2).

host rock (25-30% of sample)		vein (70-75% of sample)	
sericite	45-50%	quartz	65-70%
chlorite	12-15	pyrrhotite	17-20
epidote	7- 8	pyrite	2- 3
ankerite	7- 8	chalcopyrite	1- 2
quartz	7- 8	ankerite	1- 2
biotite	7- 8	tellurbismuth	0.05
plagioclase	7- 8	native gold	minor
Ti-oxide	0.5	calaverite	trace
		frohbergite(?)	trace
late veinlets		hessite(?)	trace
ankerite	1- 2		

The host rock is dominated by very fine grained sericite and much less biotite, with lenses dominated by chlorite and by plagioclase, disseminated epidote and ankerite, and scattered patches of quartz. In places, foliation is strong and uniform, caused by parallel orientation of sericite flakes. Locally, foliation in sericite outlines tight folds on the scale of 0.3-0.5 mm.

Chlorite forms lenses up to 0.2 mm wide parallel to foliation; it is pale green in color. Biotite forms disseminated, mainly equant grains with pleochroism from nearly colorless to light brown.

Epidote forms disseminated anhedral to subhedral prismatic grains and clusters of grains averaging 0.05-0.2 mm in grain size.

A few lenses are dominated by very fine to extremely fine grained, moderately interlocking plagioclase. Plagioclase also forms a few equant grains up to 0.2 mm across.

Pyrrhotite forms patches up to a few mm across of submosaic, coarse to medium grained aggregates. It is altered slightly in lenses and irregular patches to secondary pyrite (Film 1: Photo 7).

Pyrite forms subhedral grains averaging 0.3-0.6 mm in size.

Chalcopyrite forms anhedral grains from 0.05-0.25 mm in size, in part associated with pyrrhotite.

Ankerite forms a few patches up to 0.1 mm in size on borders of sulfide patches.

Tellurbismuth and lesser calaverite form anhedral grains up to 0.15 mm long associated with chalcopyrite and altered pyrrhotite on the edge of a pyrrhotite-rich patch. Native gold forms a few grains 0.01-0.04 mm in size at the end of the same patch (Film 1: Photos 4,6 [poor resolution]). Native gold occurs in a grain 0.05 mm across associated with a patch of tellurbismuth/calaverite 0.1 mm across, with a small patch of ankerite surrounded by quartz (Film 1: Photo 5 [poor resolution].

Moderately abundant late veinlets of ankerite average 0.01-0.02 mm in width.

mine dyke

Sample #5 **Metamorphosed Andesite(?) Cut by Biotite Potassic Quartz Diorite**

The **metamorphosed andesite** is dominated by very fine grained plagioclase with lesser hornblende and minor apatite, biotite, and opaque (Photo 9). Nearer the potassic quartz diorite, biotite becomes coarser grained and much more abundant.

plagioclase	60-65%	Ti-oxide	1%
hornblende	25-30	apatite	0.3
biotite	7- 8	zircon	trace
opaque	1- 1.5		

Plagioclase forms anhedral, equant grains averaging 0.05-0.2 mm in size, with a few up to 0.3 mm size. A very few grains are altered slightly to dusty sericite.

Hornblende forms equant, anhedral grains averaging 0.03-0.15 mm in size, and prismatic grains up to 0.4 mm in size. Pleochroism is slight from light yellowish green to light/medium green.

Away from the granodiorite, biotite is absent. Closer to the granodiorite, biotite forms slender flakes up to 0.2 mm long. Still closer, biotite forms coarser, more abundant grains up to 0.5 mm in size. Pleochroism is from pale to medium brown.

Opaque forms anhedral, equant grains averaging 0.03-0.07 mm size. Some of these occur in clusters of several grains. A few grains have rims of Ti-oxide, indicating that the opaque grains are ilmenite. Ti-oxide also forms disseminated grains and clusters, mainly associated with biotite, and averaging 0.01-0.02 mm in grain size.

Apatite forms anhedral grains and clusters averaging 0.07-0.12 mm in size. Zircon forms anhedral grains up to 0.1 mm in size.

The **potassic quartz diorite** has an irregular metamorphic texture, and a widely varying grain size. It is dominated by plagioclase and quartz, with much less biotite and K-feldspar (Photo 11).

plagioclase	45-50%	epidote	0.1
quartz	35-40	apatite	minor
biotite	5- 7	zircon	trace
K-feldspar	3- 4	muscovite	trace
Ti-oxide	0.3		

Plagioclase forms anhedral grains averaging 0.3-1.5 mm in size, with a few up to 2 mm long. A few grains are compositionally zoned, with thin rims of much more sodic composition than in broad cores. Some coarse grains contain antiperthitic patches averaging 0.05-0.2 mm in size of microcline, with a few up to 0.5 mm long. Plagioclase is altered slightly to dusty semiopaque inclusions, and minor patches of epidote and trace patches of calcite.

Quartz forms anhedral grains averaging 0.5-2.5 mm in size.

Biotite forms equant, commonly ragged flakes averaging 0.2-0.5 mm in size, with a few elongate ones from 0.8-1.8 mm long. Pleochroism is from pale to medium/dark brown.

K-feldspar forms a few interstitial grains up to 1.5 mm in size, enclosing several smaller plagioclase grains, as well as the inclusions in plagioclase grains.

Ti-oxide forms anhedral clusters up to 0.2 mm across of extremely fine grains associated with many biotite grains. Epidote forms a few anhedral patches up to 0.15 mm in size, either associated with (and possibly altering) biotite or in quartz. Muscovite forms a flake 0.14 mm long inside a quartz grain. Apatite forms a subhedral prismatic grain 0.1 mm long. Zircon forms a few anhedral grains averaging 0.03-0.05 mm in size, mainly associated with biotite.

Sample #6 **Cataclastically Deformed Albite Syenite Cut by Veins of Quartz-Albite-Pyrite-Calcite-(Apatite)**

The host rock is a porphyritic(?) albite syenite dominated by plagioclase, partly altered to muscovite, with minor patches of Ti-oxide. Textures suggest cataclastic deformation and recrystallization of plagioclase. It is replaced irregularly by coarse grained quartz, containing patches of medium to coarse grained plagioclase, lenses and seams of sericite/muscovite, patches of pyrite and of calcite, and minor disseminated apatite.

host rock (55-60%)		vein (40-45%)	
plagioclase	40-45%	quartz	28-33
muscovite	10-12	plagioclase	4- 5
Ti-oxide	1- 2	muscovite	3- 4
graphite	minor	pyrite	3- 4
calcite	minor	calcite	1- 2
zircon	trace	apatite	0.5

Plagioclase forms ragged phenocrysts from 0.5-1.7 mm in size. Some are corroded moderately to strongly by groundmass plagioclase, and some are moderately strained, fractured, and fragments disoriented. Some are recrystallized in part to extremely fine grained, subgrain aggregates with slightly variable extinction positions. These are set in a variable groundmass of extremely fine to very fine grained plagioclase (Photo 8). Plagioclase is altered moderately to ragged to subhedral equant flakes of muscovite averaging 0.05-0.08 mm in length. Muscovite is coarser and locally much more abundant near and within the quartz veins. Calcite forms irregular grains averaging 0.05-0.1 mm in size.

Ti-oxide forms patches up to 1.2 mm in size of extremely fine grained aggregates, possibly after sphene. Many of these patches are concentrated near borders of quartz-rich replacement veins. Ti-oxide also forms a few clusters of acicular grains up to 0.7 mm in length.

Graphite forms a few clusters of slightly contorted flakes 0.03-0.07 mm in length intergrown with very fine grained plagioclase.

Zircon forms anhedral to euhedral grains up to 0.07 mm long.

In the replacement zones, quartz forms anhedral grains up to a few mm across. Borders of many grains are intergrown irregularly with plagioclase of the host rock (Photo 12). Some quartz grains contain inclusions of muscovite flakes up to 0.25 mm long, and of ragged relics of host rock plagioclase and Ti-oxide. Some quartz grains are unstrained and some are moderately strained.

Plagioclase forms a cluster of subhedral, prismatic grains up to 2.5 mm in length intergrown with coarse grained quartz (Photo 13). This may have formed by partial assimilation and recrystallization of the host rock, or possibly was introduced as part of the replacement event. Muscovite forms wispy seams of very fine to fine grained flakes; these may represent strongly altered and recrystallized host rock.

Calcite forms scattered interstitial patches up to 1 mm in size, mainly intergrown with quartz in smaller veinlets from 0.2-0.5 mm in width. In one patch, a porphyroblast 2 mm long replaces the host rock; it contains a few flakes of muscovite. Some calcite grains are altered slightly to limonite, suggesting that the contain minor iron. Relief appears to be too low for ankerite.

Pyrite forms a few clusters of subhedral to euhedral, cubic grains up to a few mm across. These are fractured slightly to moderately, and contain quartz inclusions and quartz patches and minor secondary patches of hematite along fractures.

Apatite forms a few anhedral to subhedral, equant to prismatic grains up to 0.5 mm in size in quartz (Photo 12).

APPENDIX IV

ENVIRONMENTAL WORK

STEFFEN ROBERTSON AND KIRSTEN
Consulting Engineers

STEFFEN, ROBERTSON AND KIRSTEN (B.C.) INC.
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June 21, 1988

File: 64202

Valentine Gold Corporation
Suite 2690
Park Place
666 Burrard Street
Vancouver, B.C.
V6C 2X8

Attention: Mr. W. Peter Stokes, P.Eng.
Vice President, Operations

Dear Sir:

Re: Tenquille Resources, Ashlu Gold Mine
Tailings Impoundment

At your request the writer inspected the tailings facilities on 20th June 1988. The report addresses geotechnical aspects of the tailings dam, seepage recovery dam and settling ponds, the layout of which is shown on the attached sketch.

The mine is situated about 30 miles northwest of Squamish. It is accessible by paved and gravel road 25 miles (40 km) from the turnoff opposite the Alice Lake road junction on Highway 99. The site lies west of the Squamish River, at the junction of Ashlu Creek and its tributary Roaring Creek. The mine and tailings impoundment is on the south flank of Ashlu Creek. The elevation of the tailings impoundment is 1550 ft. (472 m). The area has been logged extensively in fairly recent years.

According to your geologist on site, Mr. Pavell, the tailings facility was constructed around 1984 but it was never put to use, since the mine never operated. We were unable to find any design and construction reports. However considerable thought appears to have gone into the engineering of the facility and the dams appear to have been reasonably well constructed. The tailings basin was probably built by excavating soil from within the impoundment area. This soil was likely used as dam construction material. It is a well graded silty, sand and gravel with cobbles and boulders. It is a glacial soil probably part of a lateral moraine. Such material is excellent for dam building purposes.

It is perhaps worth pointing out that a considerable volume of soil still remains with the impoundment area. Thus if you propose to use the facility, and the storage capacity is insufficient, you could raise the dam using sand and gravel excavated from within the impoundment.

As things stand the dam has an effective crest length of 260 ft. (80 m) a crest width of 25 ft. (7.6 m) and a maximum height of about 50 ft. (15 m). Water was standing in the pond at the time of the writer's visit (it was being syphoned into the seepage recovery pond). The full depth of the pond

therefore could not be seen. However a rough estimate of the tailings storage capacity would be about 4 million cu.ft. (100,000 m^3).

The main tailings dam seems to be stable. Rock outcrops close to the north abutment. The side slopes of the dam are 1 vertical or 2 horizontal. The downstream face is armoured with large riprap up to 10 ft. (3 m) maximum particle size.

Minor seepage was observed on the left (north) abutment seemingly close to the contact with the original ground surface. The seepage is seen close to the downstream toe of the dam. No erosion is taking place and there is no evidence of crest subsidence or corresponding sinkholes on the upstream face of the dam. The seepage does not therefore appear to be causing any instability of the dam. It may be that the dam was designed originally without an impermeable core and some seepage was anticipated. In any case the well-graded silty, sand and gravel from which the embankment has been constructed is not the type of soil that is susceptible to internal piping erosion.

The seepage recovery dam is situated downstream of the main tailings dam 25 ft. (7.6 m) lower in elevation. It too appears to have been constructed using the silty, sand and gravel. It appears stable and no signs of seepage were visible. The pond was full of water at the time of the writer's visit, water being siphoned into it from the main tailings pond. The water was exiting via a decant pipe situated in the north abutment of the crest of the seepage recovery dam.

The main tailings and seepage recovery ponds are surrounded by fresh water diversion ditches. These ditches are functioning satisfactorily apart form minor accumulation of debris. The main tailings pond has an emergency spillway outlet at the head of the pond discharging into the north diversion ditch, see sketch. It appears to have functioned recently. This diversion ditch then leads via culverts to the three settling ponds situated north of the access road. Water from settling pond No. 1 discharges via culverts to ponds Nos. 2 and 3. Final discharge form the settling ponds is to surface water via a pipe outlet at pond No. 3. The ponds are formed by low earth embankments. All appear to be stable and none have suffered erosion. A small alder tree has taken root at the entrance to the pipe discharging between ponds Nos. 1 and 2. This should be removed.

In general the system appears to be functioning satisfactorily as things now stand. If you decide to use the tailings facility we would recommend that the following operational and maintenance work be carried out:

a) Dump a few truck loads of fine silty, sand and gravel over the upstream face of the main tailings dam at the north abutment. This will help to seal off the minor seepage that is occurring at this abutment. Later on, during operation, by discharging tailings from the dam crest the seepage should also diminish. The water has been at much higher levels in this pond, judging by the beach markings, hence seepage cannot have been excessive. In fact during times of high runoff the water seems to have discharged via the emergency spillway at the back of the pond.

   Prior to operation, and once your mill recirculation requirements are determined, it would be useful to analyze the water balance for the pond.

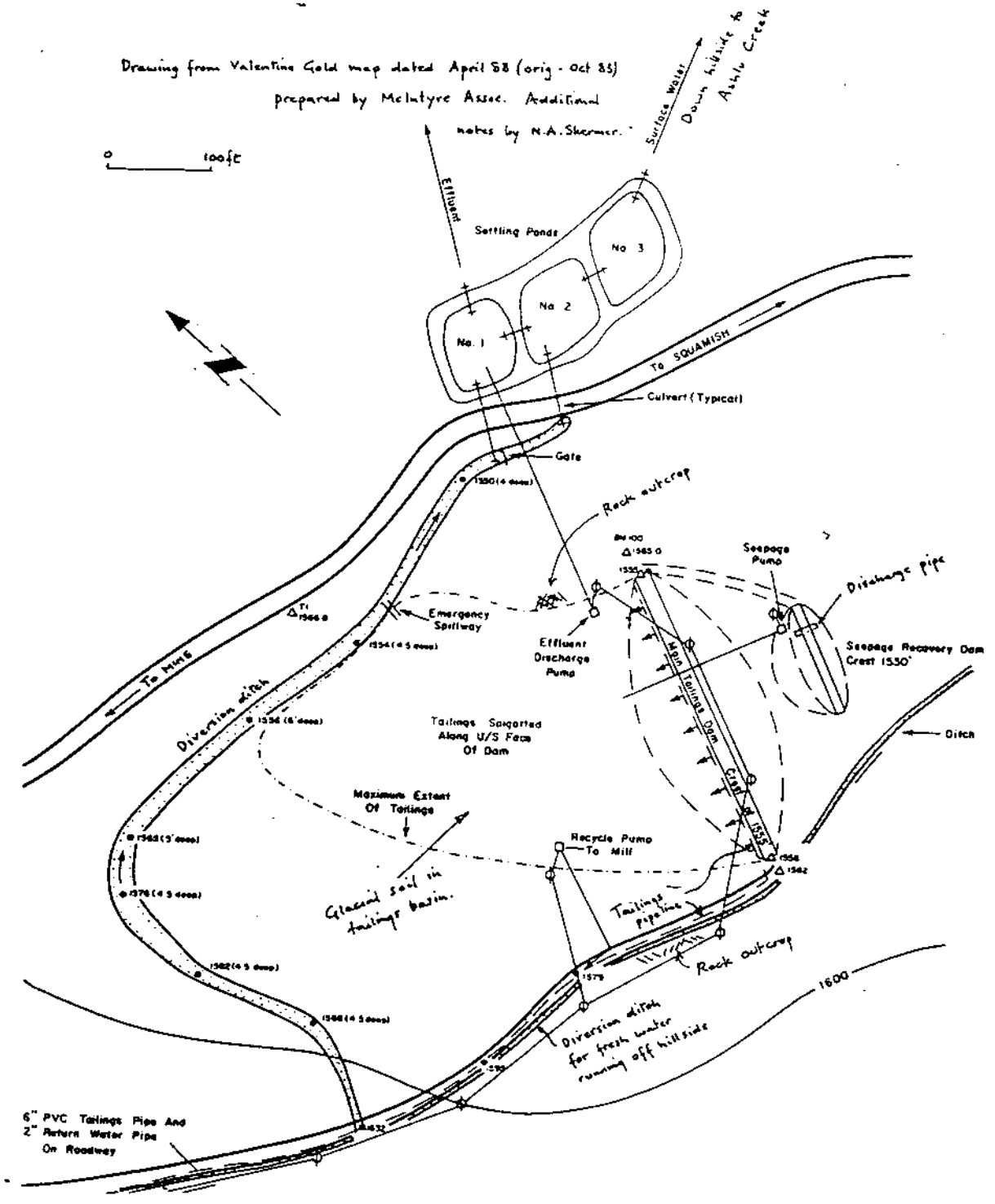
b) Clear out minor accumulations of sediment and debris from the diversion ditches and at the entrance to culverts.

c) Increase the freeboards by 3 ft. (1 m) by adding fills to the crest of the seepage recovery dam and to the crest of No. 3 settling pond dam.

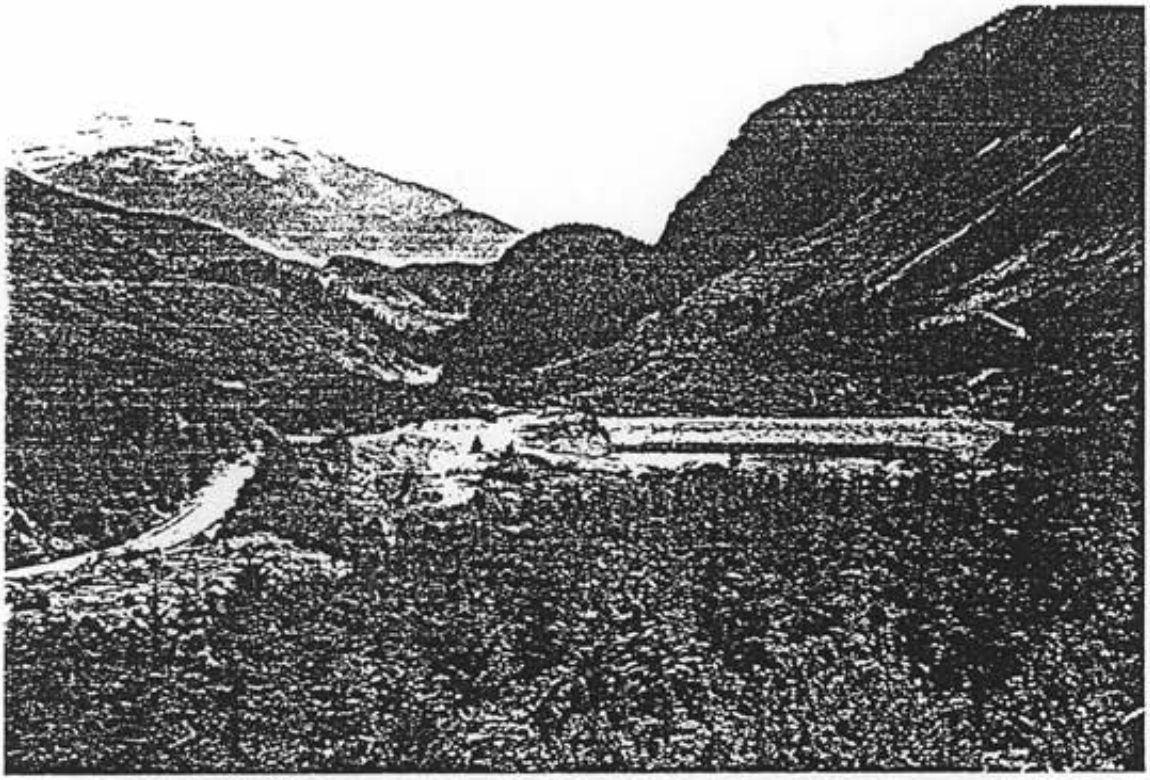
Yours truly,

STEFFEN ROBERTSON & KIRSTEN (B.C.) INC.

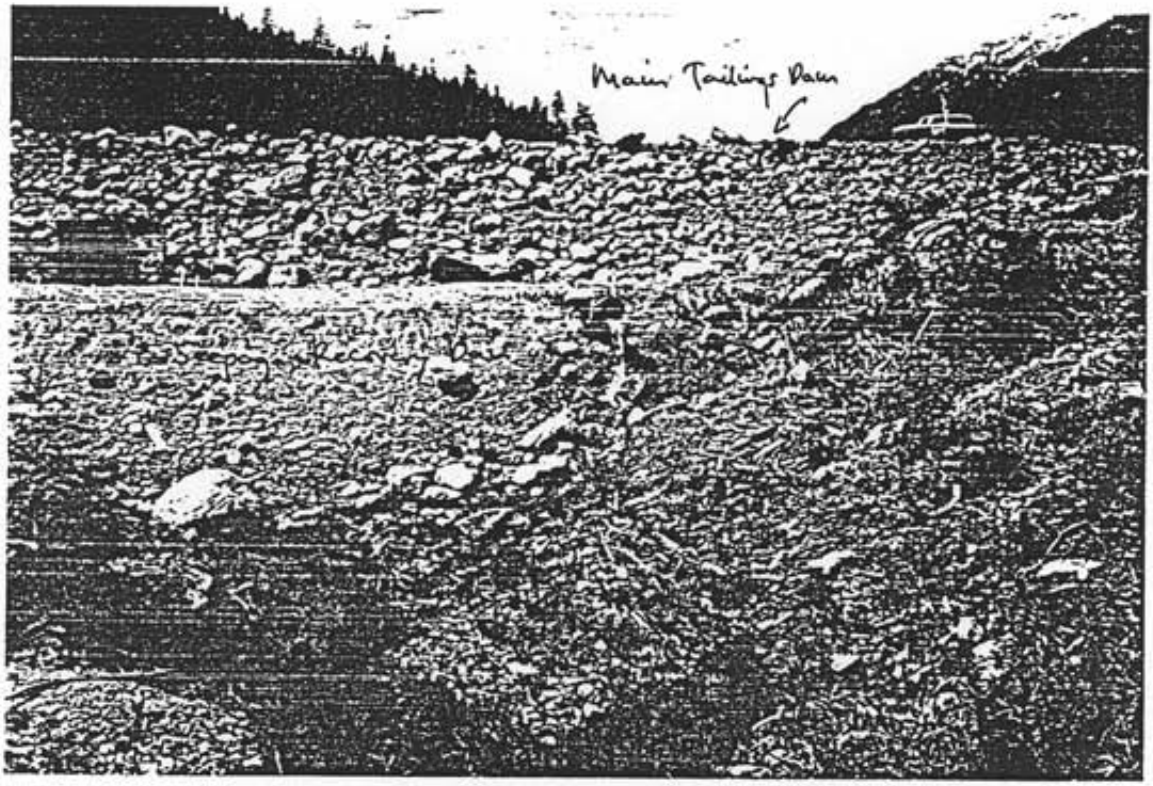
Nigel A. Skermer, P.Eng.
Associate Consultant



Valentine Gold Corporation	DATE June 88
	PROJ. NO. 64202
ASHLU GOLD MINE TAILINGS FACILITIES	APPROVED N.A. Skermer
	NO. 1
STEFFEN ROBERTSON & KIRSTEN, Consulting Engineers	



Looking downhill over main tailings pond.



Looking uphill from toe of seepage recovery dam.

Downstream face of main tailings dam in background.

NORECOL
ENVIRONMENTAL CONSULTANTS LTD.
Suite 600, 1281 West Georgia Street
Vancouver, British Columbia
Canada V6E 3J7
Telephone: (604) 682-2291
Fax: (604) 682-8323

June 20, 1988

File: 113-2A

Mr. Peter Stokes, P.Eng.
Vice-President
Valentine Gold Corporation
Suite 2690, Park Place
666 Burrard Street
Vancouver, B.C.
V6C 2X8

Dear Peter,

RE: VALENTINE GOLD CORPORATION/TENQUILLE RESOURCES
ASHLU MINE WATER QUALITY AND HYDROLOGY FIELD TRIP

Please find enclosed a copy of the trip report for a site visit to the Ashlu mine property conducted on June 7, 1988.

Work conducted by Norecol staff included site reconnaissance, water quality sampling, preliminary hydrology studies and an assessment of the fisheries values of Ashlu and Roaring Creeks.

I trust that this information will be useful to you in support of permit applications, and we look forward to continuing to work with you as the project proceeds.

Yours truly,

NORECOL ENVIRONMENTAL CONSULTANTS LTD.

Robert A. Hawes, Ph.D.
President

RAH/dw

Enclosure

cc (Mike Hopley
Valentine Gold Corporation

NORECOL

June 15, 1988
File: 113-2A

VALENTINE GOLD CORPORATION/TENQUILLE RESOURCES ASHLU MINE
WATER QUALITY AND HYDROLOGY STUDIES
June 7, 1988

OBJECTIVES

- to conduct a site reconnaissance on the Ashlu Creek mine property;
- to collect water samples and take stream flow measurements from Ashlu and Roaring Creeks;
- to collect water samples for analysis and a sample for a bioassay from standing water in the 1350 m adit;
- to collect additional water samples as required for possible future analysis; and
- to assess the fisheries values of Roaring and Ashlu creeks.

SUMMARY

Water samples were collected from the standing water in Adit 1350, Roaring Creek, Ashlu Creek, tailings pond water and settling pond outflow. Samples from Adit 1350 and Ashlu Creek will be analyzed for total solids and total and dissolved zinc (due to possible contamination of previous samples). In addition, a 20 litre water sample was collected from Adit 1350 for a bioassay. The flow in Ashlu and Roaring Creeks was estimated to be 27.1 m^3/s and 1.0 m^3/s, respectively. All water samples will be preserved and held at ASL for future analyses if these are required.

The gradient on Roaring Creek is too steep to support fish populations. A canyon on Ashlu Creek extends from the Valentine/Tenquille property to near the lower road crossing (7 km) and is a probable barrier to anadromous migration (confirmed by DFO, Squamish). Ashlu Creek near the mine likely supports resident rainbow trout and Dolly Varden char. Juvenile steelhead trout are transplanted by MOEP to the upper watershed of Ashlu Creek.

TRIP DETAILS

Goff Longworth and Ingrid Wypkema visited the Valentine Gold/Tenquille Ashlu Creek property located 32 km northwest of Squamish on June 7. We met Mike Hopley (Valentine Gold) at the Highlander Motel, just north of Squamish, and discussed the

project. Valentine/Tenquille would like to dewater the standing water in the mine as soon as possible (preferably on June 11 or 12). The property was previously mined by Osprey Mining in 1984, and mining facilities on the property include tailings pond, 3 settling ponds, a seepage recovery pond, two portals (1350 m and 1460 m), and a 150 t.p.d. mill. The mill is in good condition since it was in operation for only one month, from February 1984 to March 1984. It will require approximately $250,000 to upgrade. No cyanide was used during the initial processing of the ore and it is anticipated that it will not be used when processing recommences. Once the mine is dewatered, underground and surface drilling is planned over the next three months (cost $300,000) to prove up reserves to 100,000 tons (present proven reserves are 15,000 tons of 0.25 oz/ton gold).

Mike Hopley led the way from the Highlander to the mine site. The access road along Ashlu Creek is used by logging trucks and the use of a radio is recommended for unescorted trips to the property.

Upon arrival at the site, the water management system on the property was discussed. The settling pond is about 120 m long and 60 m wide and has a seepage recovery pond located about 25 m below the main tailings dam. A seepage pump in the recovery pond pumps the water back to the tailings pond. An emergency spillway (culvert) and ditch is located on the north side of the tailings pond which drains into the settling ponds.

Mike mentioned that sampling and mapping of their claims near Stuyvesant Creek may be done this year (see attached figure). However, the majority of the activity on the site will take place in the immediate mine area.

We drove to the 1350 Adit with Mike and collected samples of standing water about 50 m into the adit for chemical analysis and a 20 litre sample for biosassay. Water temperature, conductivity, dissolved oxygen and pH were 3.5^{o}C, 130 umhos/cm, 10.6 mg/l and 6.6, respectively.

Mike Hopley left us to conduct other work on site.

Water samples were collected and stream flow measurements taken in Roaring Creek at the bridge crossing. Flow was estimated at 1.0 m^3/s (cross sectional area x velocity (timed passage of a floating object over a known distance) x 0.85 correction factor). Water temperature, conductivity, dissolved oxygen and pH were 5.5^{o}C, 10 umhos/cm, 13.0 mg/l and 7.7. Roaring Creek is a steep, bouldery stream with no fisheries potential.

Water samples were collected from the water in the tailings pond and outflow from the settling pond. Water temperatures at both sites were 14.0°C.

Water samples were collected from Ashlu Creek and the flow was estimated (same technique as for Roaring Creek) to be 27.1 m^3/s. The water temperature, conductivity, dissolved oxygen and pH were 5.5°C, 74 umhos/cm, 13.4 mg/l and 7.6, respectively.

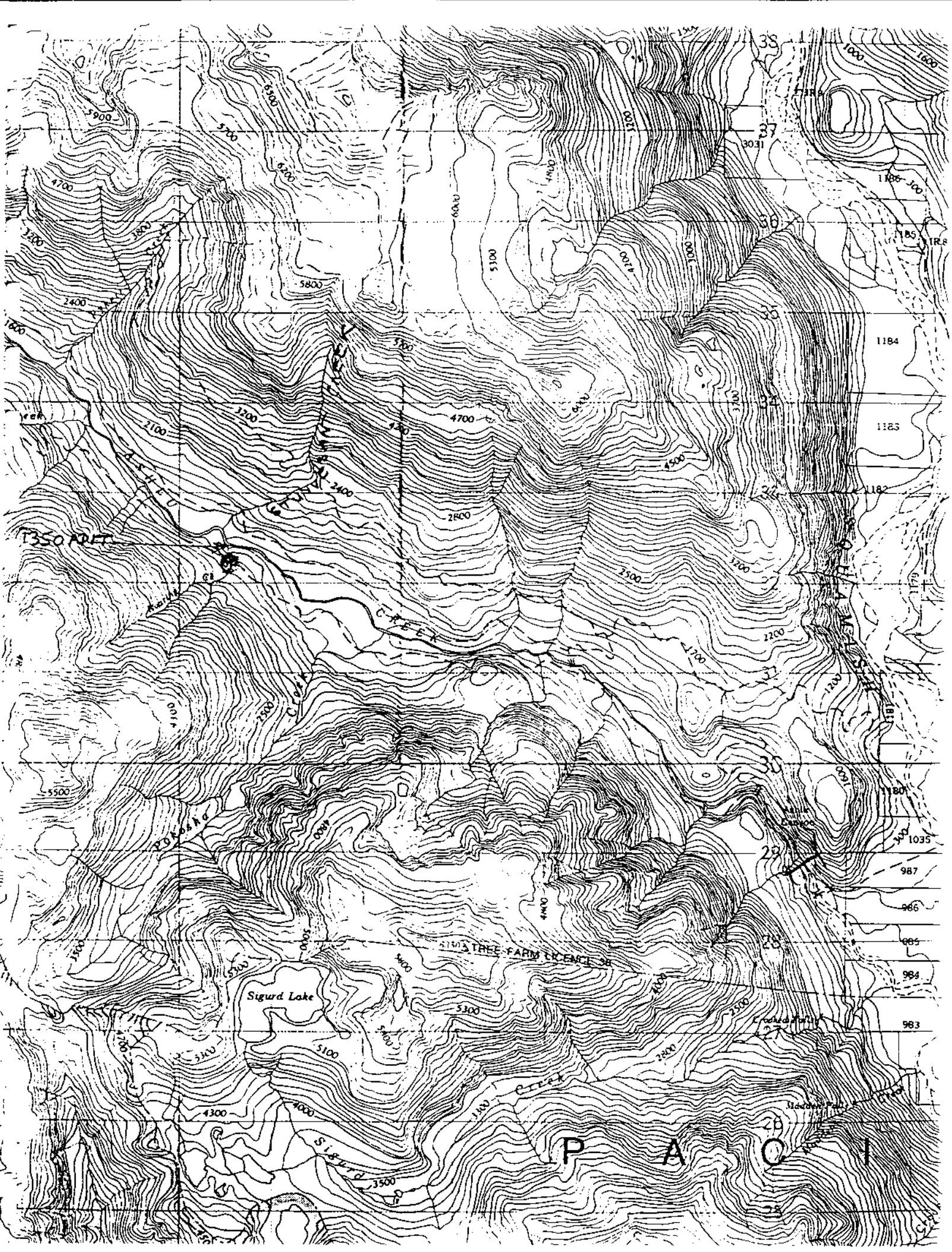
Ashlu Creek has a relatively high gradient near the mine, but large boulders create numerous small pools and provide cover for resident fish. This area has been stocked with juvenile steelhead for the last 3 or 4 years by MOEP (H. Ragetli, pers. comm., DFO, Squamish), and provides excellent rearing habitat for this species. A canyon extends about 7 km downstream of the property. It is likely impassable to anadromous fish.

Returned to camp and inspected the mill with Mike Hopley. The mill is in very good condition and conventional flotation methods will be used.

Goff and Ingrid returned to Vancouver. The bioassay sample was delivered to B.C. Research that evening. Water samples were refrigerated overnight and sent to ASL the next morning for analysis of total solids and total dissolved zinc for the mine water and Ashlu Creek samples. All samples will be held at ASL in the event that the government requires any further analyses.

G. Longworth

GL/dw


T3S0 R9ET
Sigurd Lake
TREE FARM LICENCE 38
PACIFIC

NORECOL
ENVIRONMENTAL CONSULTANTS LTD.
Suite 600, 1281 West Georgia Street
Vancouver, British Columbia
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Telephone: (604) 682-2291
Fax: (604) 682-8323

May 20, 1988

File: 113-2A

Mr. Prad Khare
Head, Air and Industrial Section
Waste Management Branch
Ministry of Environment and Parks
10334 - 152A Street
Surrey, B.C.
V3R 7P8

Dear Mr. Khare,

RE: TENQUILLE RESOURCES LTD. - ASHLU MINE
PROPERTY APPROVAL FOR RELEASE OF MINE WATERS

On behalf of Valentine Gold Corporation, we are requesting an approval for release of mine water from the underground workings of the Ashlu Mine property, located along the Ashlu River, a tributary of the Squamish River. The amount of water to be released is estimated at about 5000 m^3 and this would be pumped directly into the Ashlu River at a rate of 50 m^3/h over a period of 5 days.

A similar dewatering was conducted by Osprey Mining and Exploration Ltd. for the mine in 1983, under an approval from the Waste Management Branch.

Water samples were collected by Valentine Gold Corporation staff on May 10, 1988 and sent to ASL Analystical Service Laboratories Ltd. for analysis. Samples were taken from Ashlu Creek at the mine site and from standing water that has built up in the underground workings. Analyses have been completed by ASL and are attached to this letter.

The results indicate that the water in the underground workings is relatively neutral (pH of 7.2). Conductivity and sulphate are higher in the mine water than in Ashlu Creek water. Nutrient levels (NO_3, NO_2, NH_3) are below detection limits.

Levels of most metals are within MOEP criteria for protection of aquatic life. Total iron at 1.10 mg/L exceeds the criterion of 0.3 mg/L, but the dissolved iron concentration is only 0.077 mg/L. Total copper at 0.008 mg/L may exceed the 30 day average criterion unless hardness, which was not measured, is 200 mg $CaCO_3$/L or greater.

Background levels of zinc in Ashlu Creek were very high (1.05 mg/L total and 1.04 mg/L dissolved), however, there is a possibility that this sample was contaminated. (Values have been confirmed by ASL but this is being further evaluated by ASL and Norecol).

Given the high flows in Ashlu Creek, estimated to exceed 10 m^3/s during the spring freshest (May - June), and given a discharge rate of 0.014 m^3/s, there is ample dilution available (1 to 700 ratio) so that total copper and iron concentrations would be increased 0.00001 mg/L and 0.0015 mg/L, respectively, over natural background levels. This level of increase is below the measurement accuracy of the analytical results and probably well below the day-to-day natural variability. Detrimental effects from mine water release are not expected to occur at the dilutions available in Ashlu Creek. We, therefore, request a "Letter of Approval" be issued under the Waste Management Act for the release of 5000 m^3 of mine water to Ashlu Creek during the period May 28 - June 30, 1988.

Should you have any question regarding this request, please call me at 682-2291.

Yours truly,

NORECOL ENVIRONMENTAL CONSULTANTS LTD.

for Robert A. Hawes, Ph.D.
President

cc Peter Stokes, Valentine
Mike Hopley, Valentine
Niko Zorkin, Norecol

CHEMICAL ANALYSIS REPORT

Date: May 18, 1988

File No. 5578A

Report To: Valentine Gold Corp. c.c. Norecol
2038 Otter Pt Road
Sooke, B.C.
V0S 1N0

Attention: Michael Hopley

DATE OF SUBMISSION:

May 10, 1988

SAMPLE IDENTIFICATION

Project Information:

As noted in RESULTS section.

METHODOLOGY

Analysed in accordance with "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, 1985.

RESULTS OF ANALYSIS

Results are presented in the table(s) attached.

ASL ANALYTICAL SERVICE LABORATORIES LTD.

A. W. Maynard, M.Sc.
Senior Partner

Christine M. Smith
Technologist

CMS/AWM/mm

RESULTS OF ANALYSIS

File No.5578A
Page 2 of 3

		Ashlu Creek	Ashlu Underground
Physical Tests			
pH		7.8	7.2
Conductivity		40.	170.
Colour		6.6	17.3
Physical Tests/Anions			
Alkalinity	CaCO3	-	-
Sulphate	SO4	<1.0	27.4
Nitrate	N	<1.0	<1.0
Nitrite	N	-	-
Ammonia	N	<0.02	<0.02

< = Less Than T = Total D = Dissolved
Results are expressed as milligrams per litre except for pH, Conductivity (µmhos/cm), Turbidity (NTU), Colour (CU).
Nitrate to be analysed by a more sensitive technique

RESULTS OF ANALYSIS

File No.5578A
Page 3 of 3

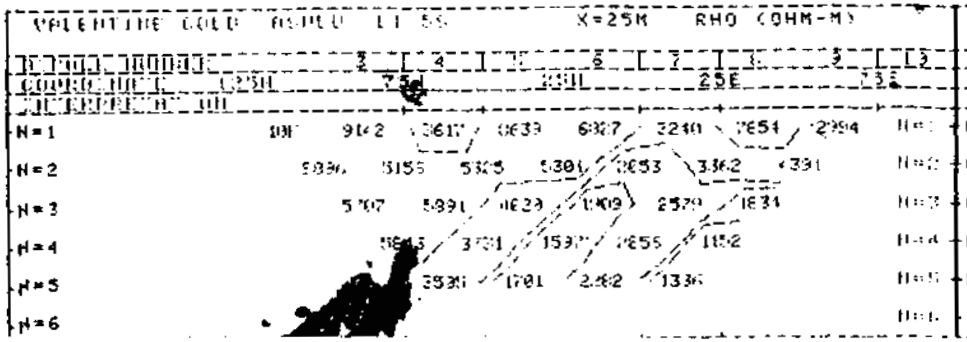
		Ashlu Creek		Ashlu Underground		Detection Limit
		Total	Dissolved	Total	Dissolved	
Total Metals						
Aluminum	T Al	<	<	0.47	0.08	0.04
Antimony	T Sb	<	<	<	<	0.04
Arsenic	T As	-	<	-	<	0.0001
Barium	T Ba	<	<	0.022	0.011	0.005
Bismuth	T Bi	<	<	<	<	0.05
Cadmium	T Cd	0.0005	0.0005	<	<	0.0002
Calcium	T Ca	3.23	3.20	30.2	30.0	0.02
Chromium	T Cr	<	<	<	<	0.015
Cobalt	T Co	<	<	<	<	0.01
Copper	T Cu	<	<	0.008	0.005	0.002
Iron	T Fe	0.36	0.30	1.10	0.077	0.003
Lead	T Pb	-	0.002	-	<0.001	0.001
Mangnesium	T Mg	0.08	0.08	1.75	1.47	0.01
Manganese	T Mn	0.006	0.004	0.069	0.001	0.001
Molybdenum	T Mo	<	<	<	<	0.02
Nickel	T Ni	<	<	<	<	0.015
Potassium	T K	-	0.20	-	2.80	0.01
Sodium	T Na	-	0.26	-	1.16	0.01
Strontium	T Sr	0.016	0.015	0.045	0.040	0.001
Zinc	T Zn	1.05 **	1.04 * v	0.023	0.012	0.003

< = Less Than detection limit shown
Results are expressed as milligrams per litre
* determined by specific atomic absorption techniques, all other results by ICP.
** Confirmed by specific atomic absorption techniques

APPENDIX V

GEOPHYSICS

IP AND RESISTIVITY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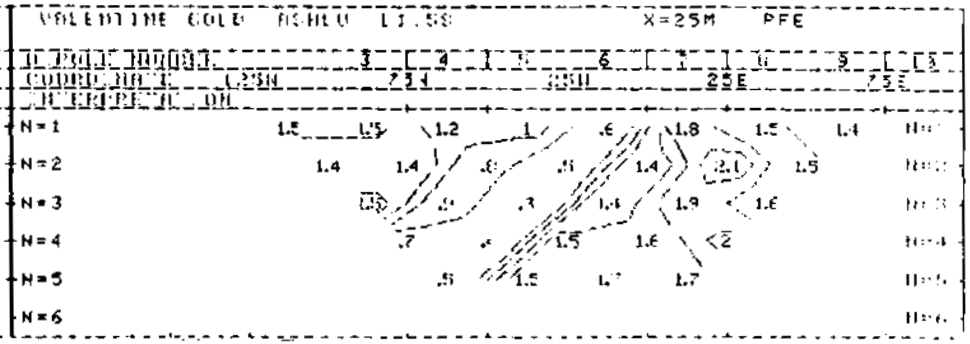
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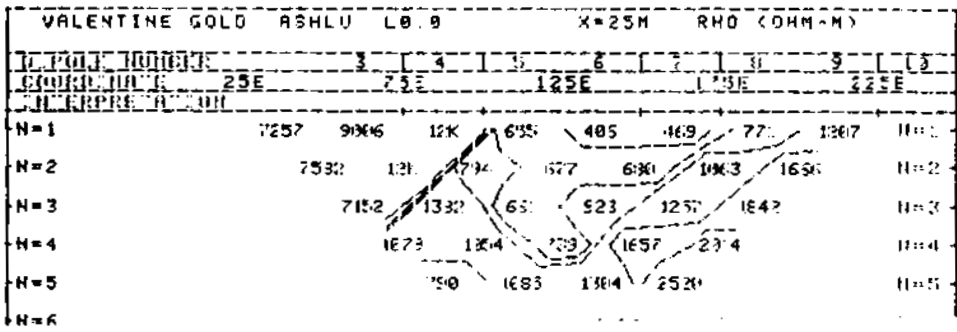
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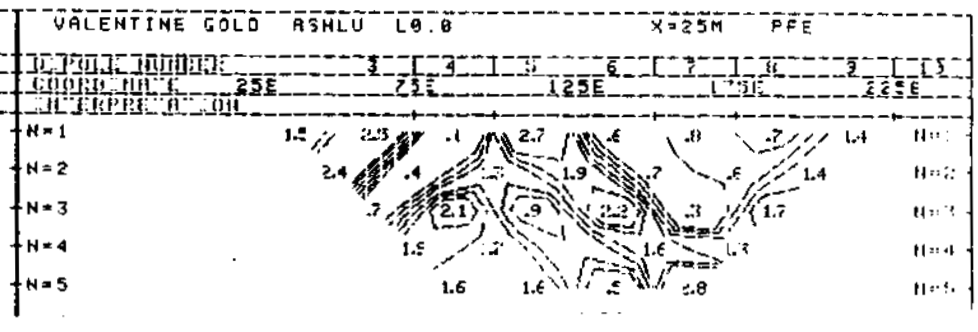
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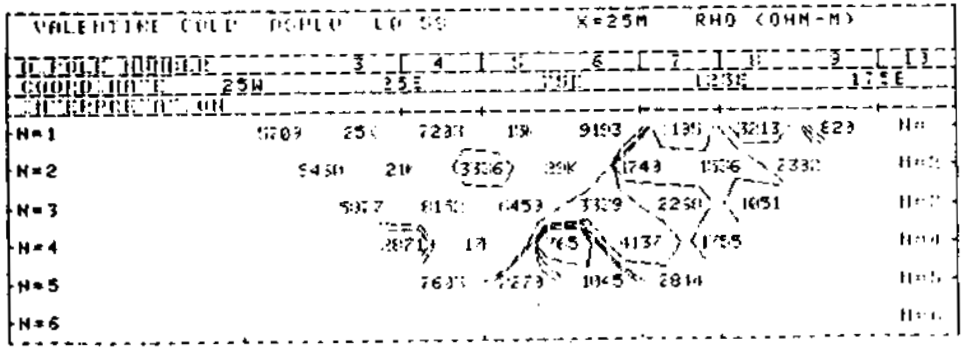
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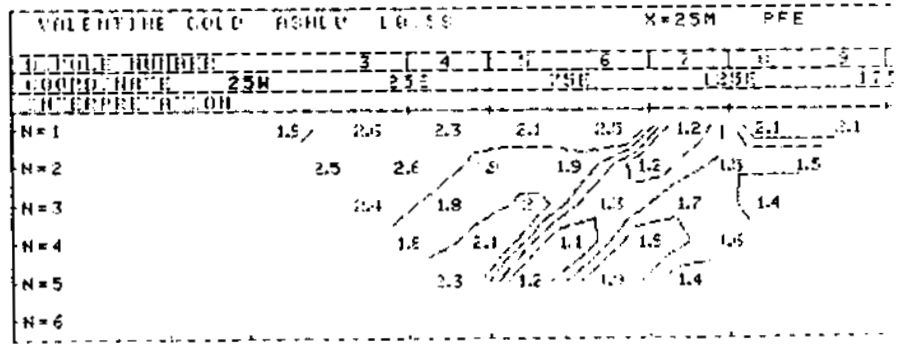
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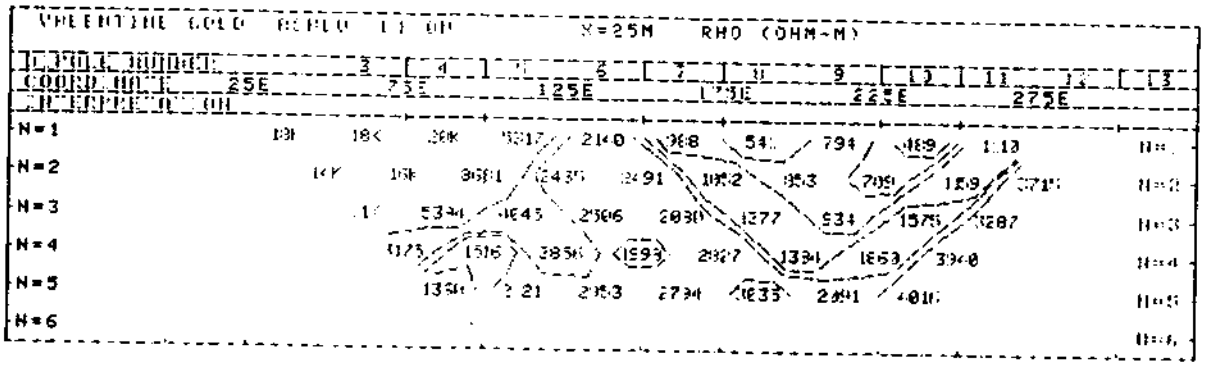
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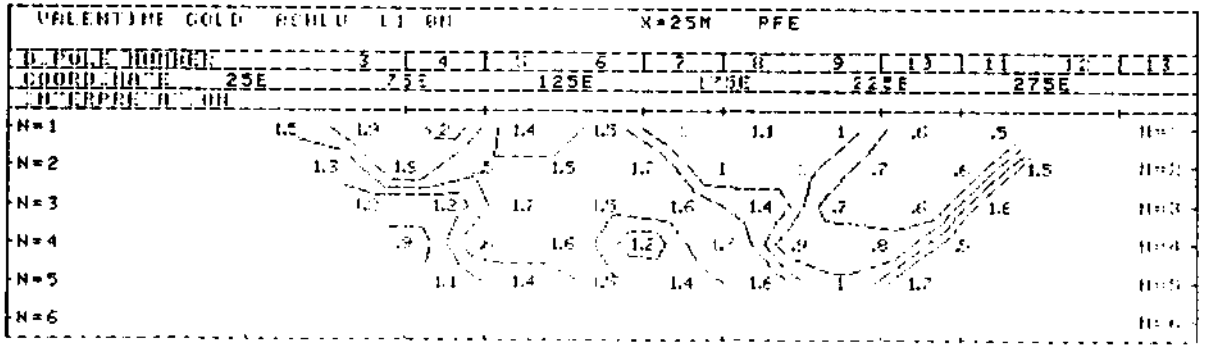
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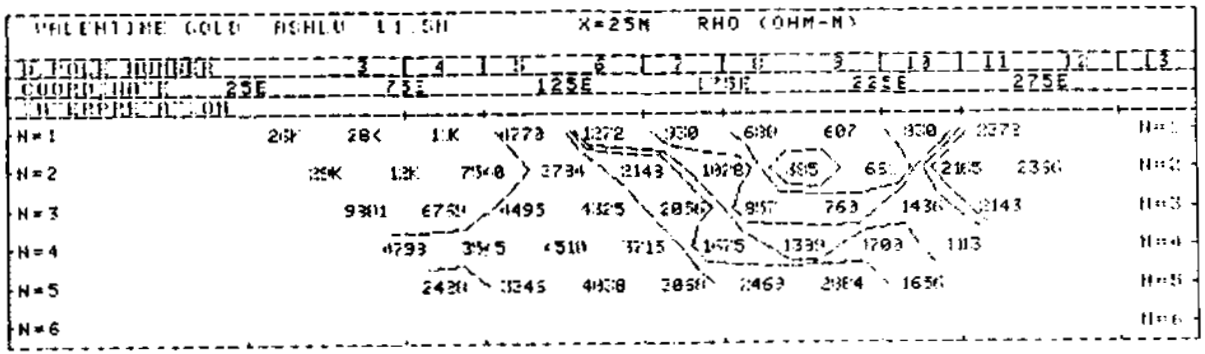
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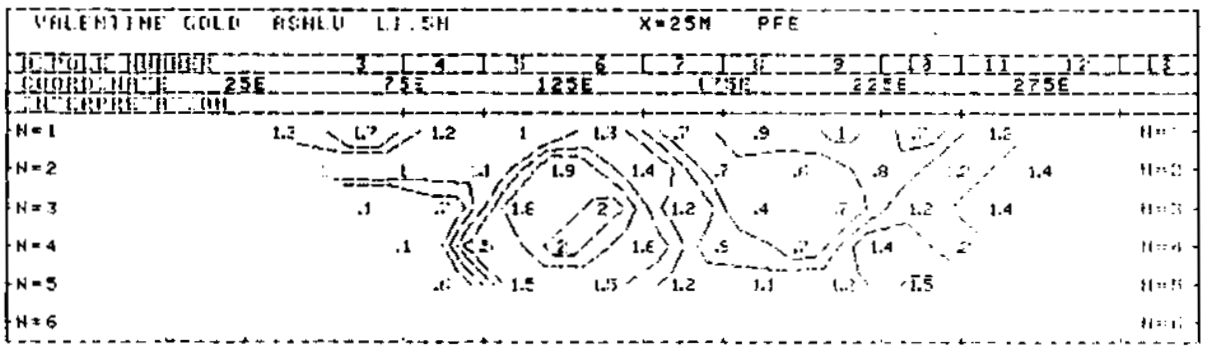
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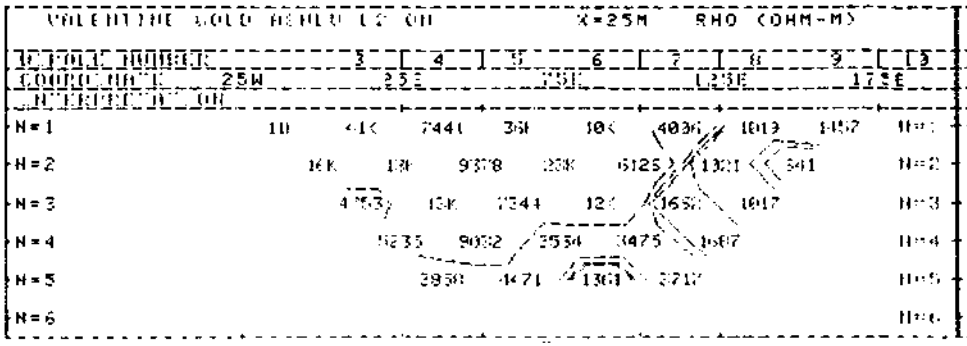
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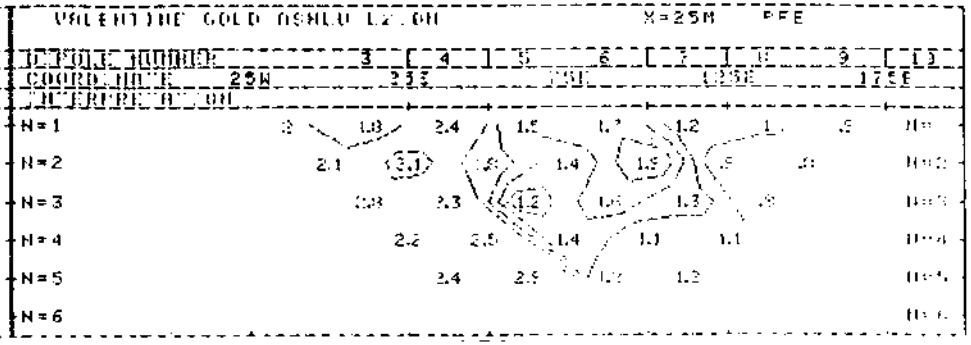
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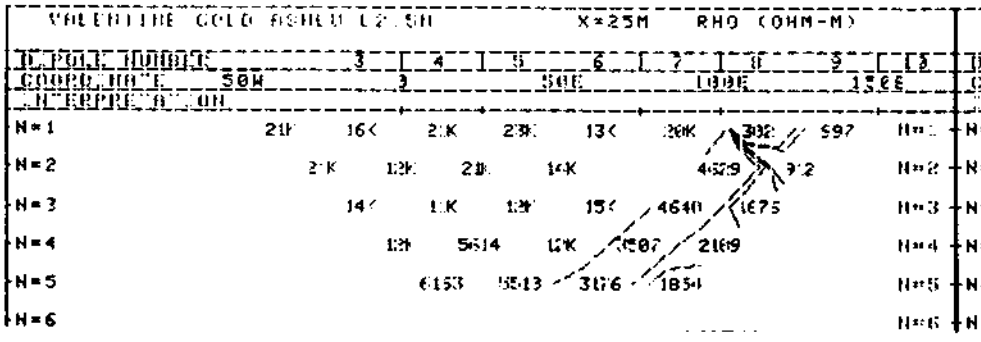
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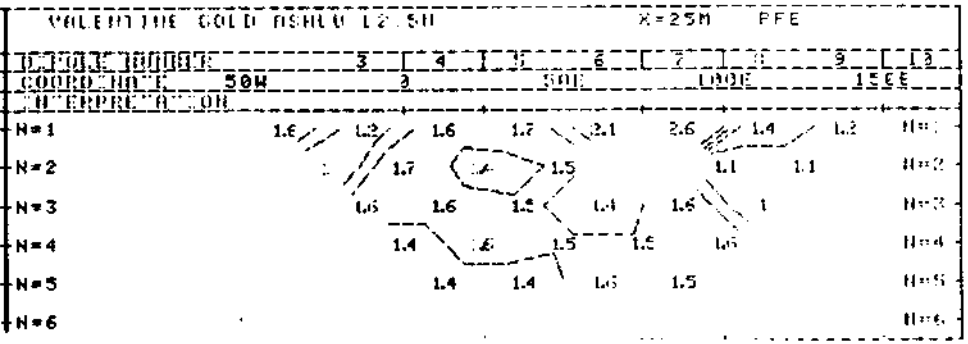
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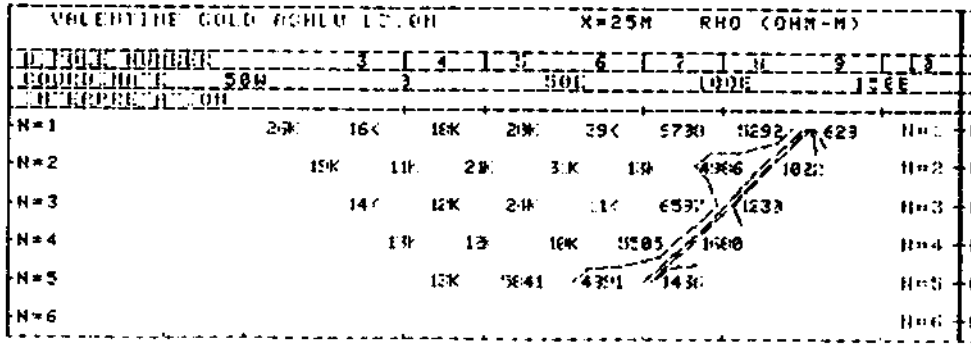
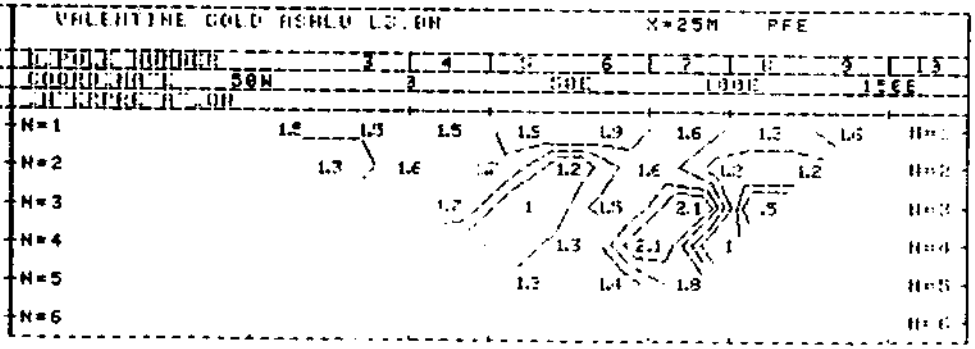
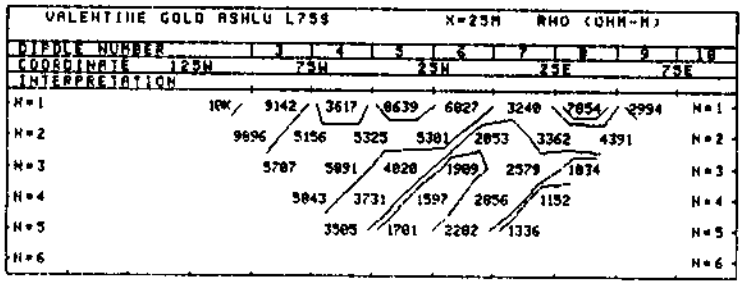
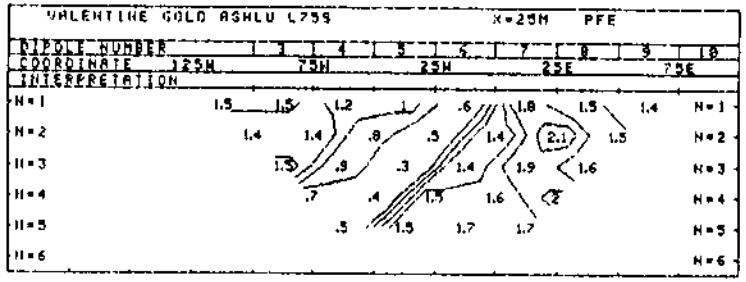
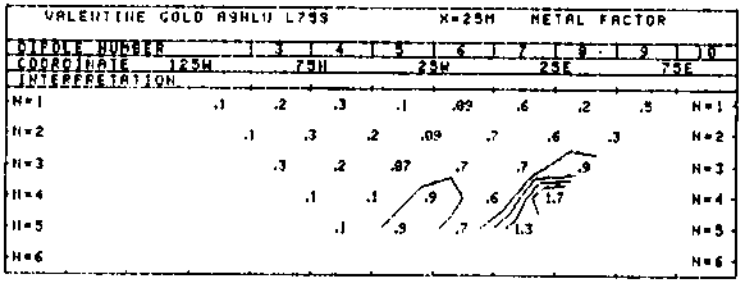

VALENTINE GOLD ASHLU L3.0N X=25M RHO (OHM-M)
COORD.(M) 50W 0 50E 100E 150E
N=1
N=2
N=3
N=4
N=5
N=6


VALENTINE GOLD ASHLU L3.0N X=25M PFE
COORD.(M) 50W 0 50E 100E 150E
N=1
N=2
N=3
N=4
N=5
N=6







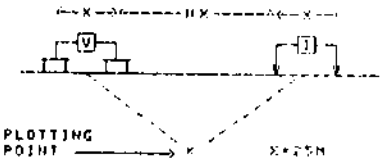
DWG. NO -1 P-5892-1

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER M D ;B C

LINE NO.-75S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4 0/0.25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 +2,-3,-5,-7 5,-10 PLUS EACH 0 25 FROM 0.5 TO 2 0

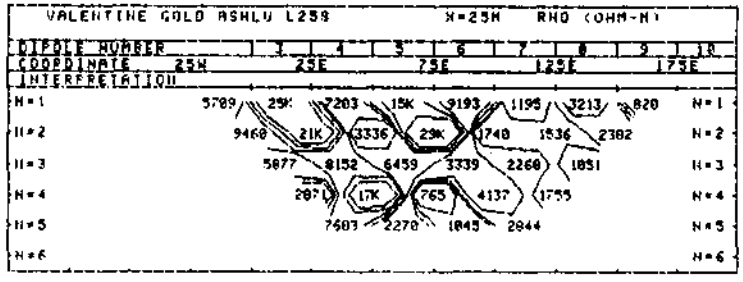
DATE SURVEYED MAY 1988
APPROVED

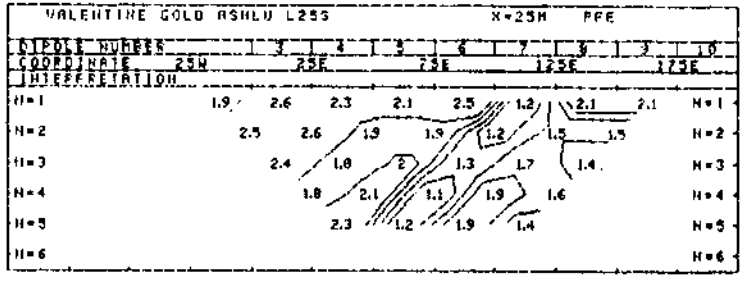
MJC

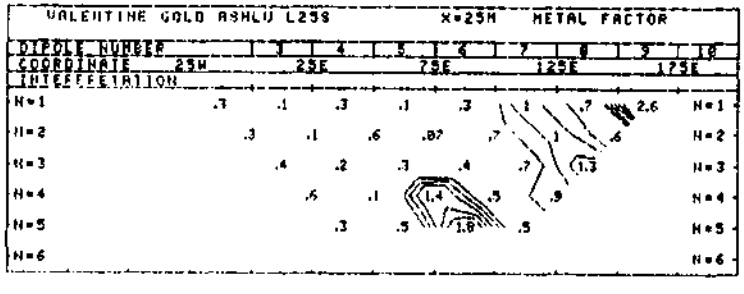
DATE May 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY







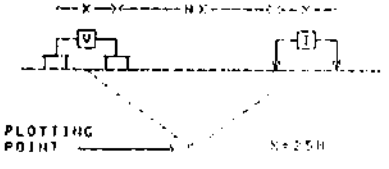
DWG NO -1 F-5892-2

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER M.D., B.C.

LINE NO -25S



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4.0/0.25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10 PLUS EACH 0.25 FROM 0.5 TO 2.0

DATE SURVEYED MAY 1988

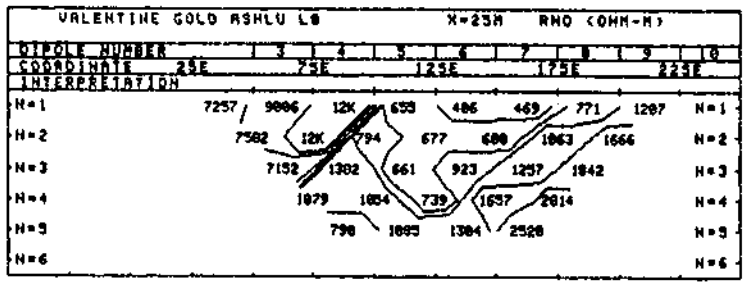
APPROVED

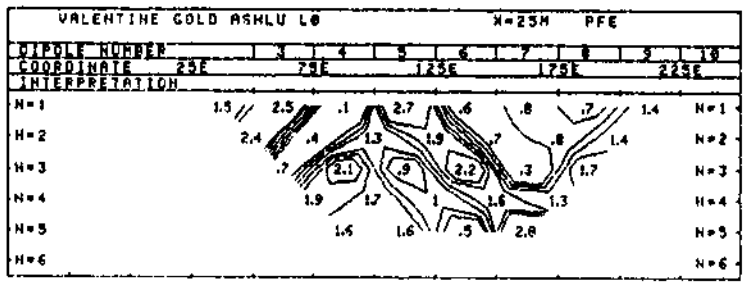
MJC

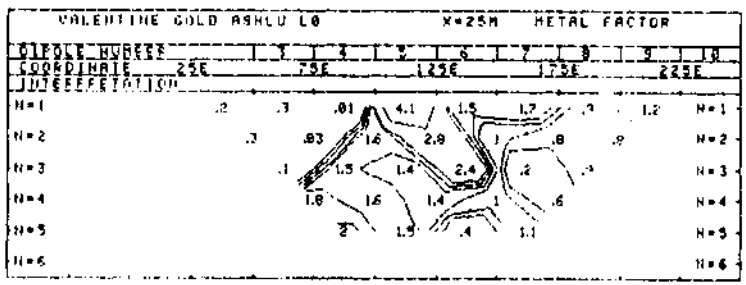
DATE May 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY







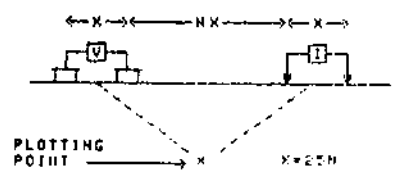
DWG. NO -I P-5892-3

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER M.D., B C

LINE NO.-0



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4 0/0 25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1,-1 5 -2,-3,-5,-7 5,-10 PLUS EACH 0 25 FROM 0 5 TO 2 0

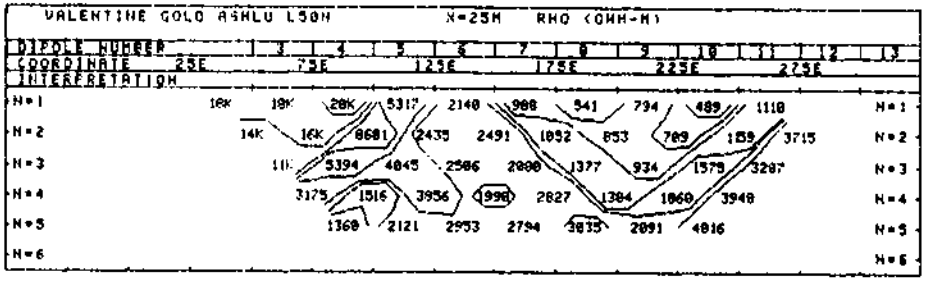
DATE SURVEYED MAY 1988
APPROVED

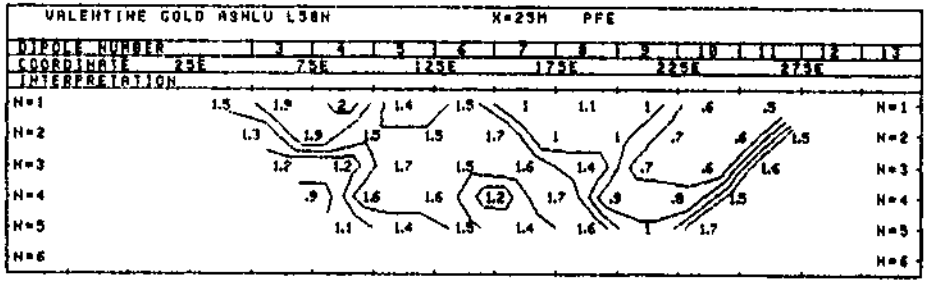
MIC

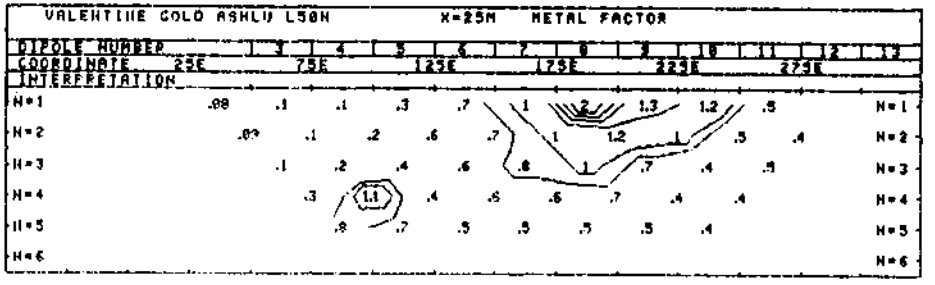
DATE 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY







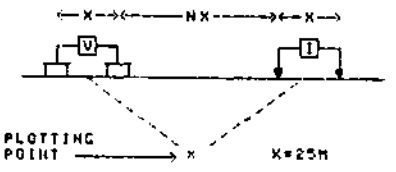
DWG. NO.-I.P.-5892-4

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER M D B.C

LINE NO -50N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4.0/0.25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7 5,-10 PLUS EACH @ 25 FROM @ 5 TO 2 0

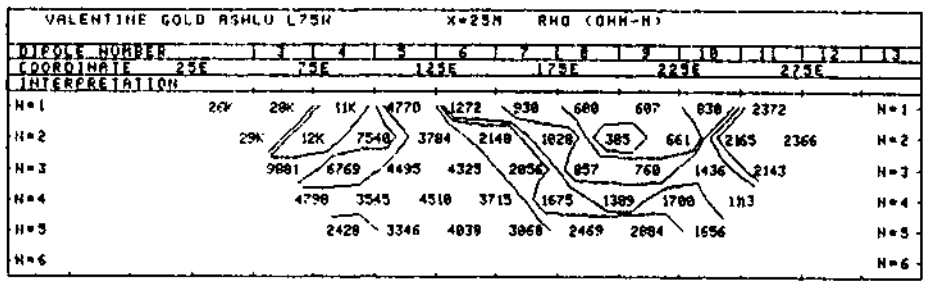
DATE SURVEYED MAY 1988
APPROVED

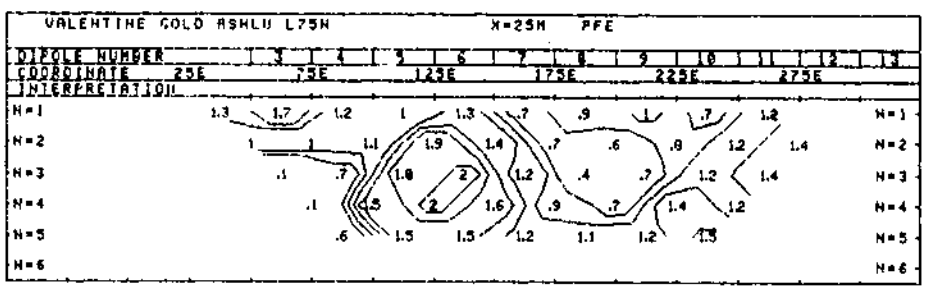
MJC

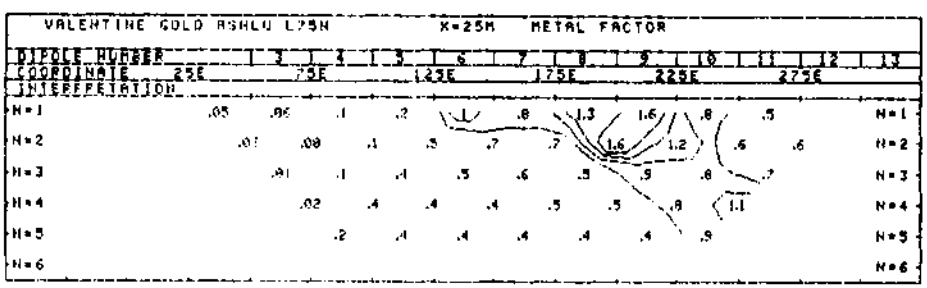
DATE May 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY







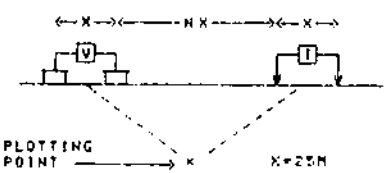
DWG. NO. -I.P.-5892-5

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER M.D. B.C.

LINE NO -75N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4.0/0.25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10 PLUS EACH 0.25 FROM 0.5 TO 2.0

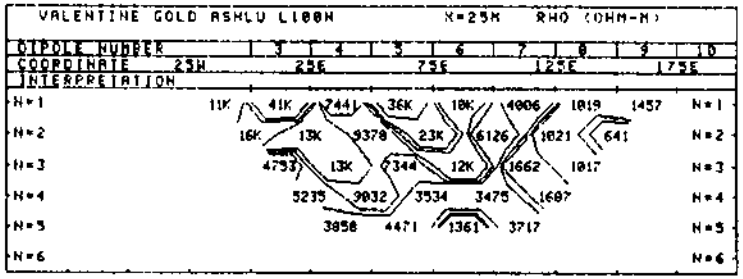
DATE SURVEYED MAY 1988
APPROVED

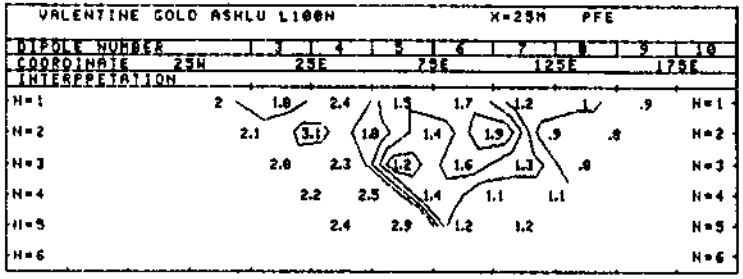
MJC

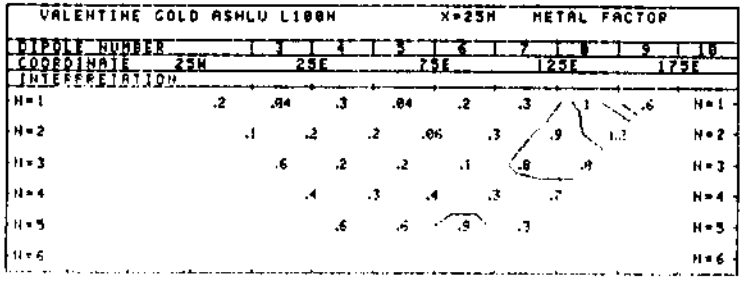
DATE May 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY







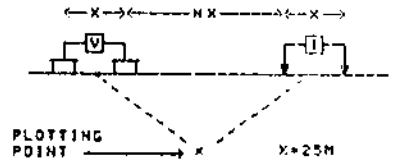
DWG NO -1 P-5992-6

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER B C

LINE NO -100N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4.0 1.0 .25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS 1, -1.5 -2, -3, -5, -7.5, -10 PLUS EACH 0.25 FROM 0.5 TO 2.0

DATE SURVEYED: MAY 1988

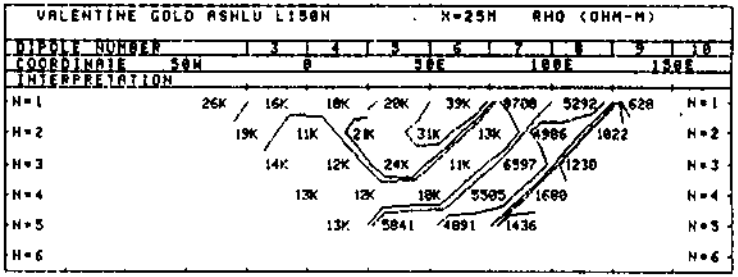
APPROVED

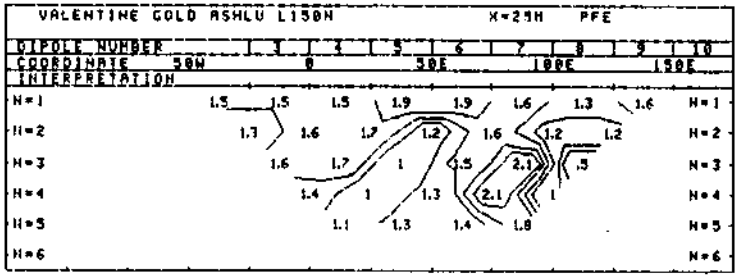
MJC

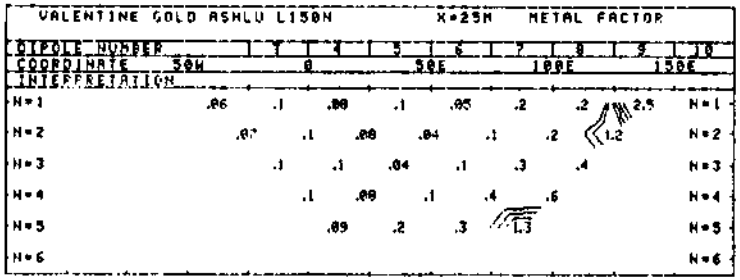
DATE May 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY







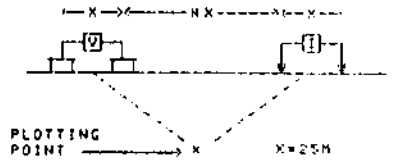
DWG NO -1 P-5892-8

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER M.D., B.C.

LINE NO -150N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4 0/0 25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10 PLUS EACH 0 25 FROM 0.5 TO 2 0

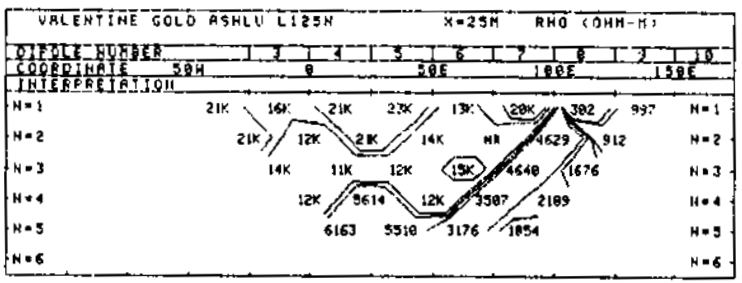
DATE SURVEYED: MAY 1988
APPROVED

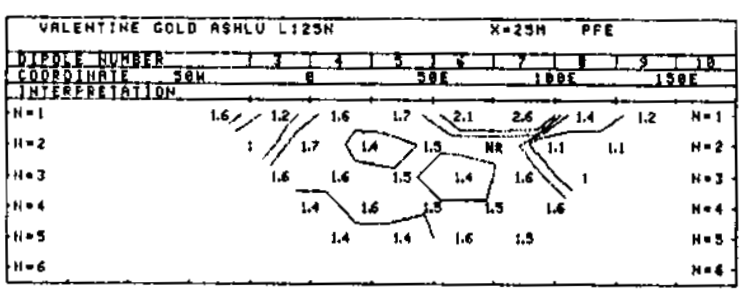
MJC

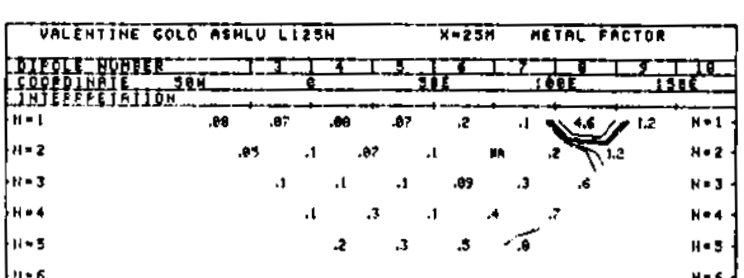
DATE May 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY







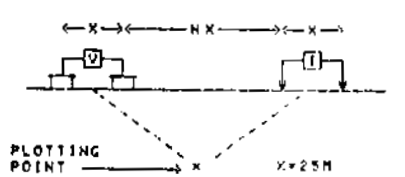
DWG NO -I P-5892-7

VALENTINE GOLD CORP.

ASHLU PROJECT

VANCOUVER M D (B C

LINE NO -125N



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE
PROBABLE
POSSIBLE

FREQUENCY (HERTZ)
4.0/0.25

NOTE- CONTOURS AT LOGARITHMIC INTERVALS. 1,-1.5 -2,-3,-5,-7.5,-10 PLUS EACH 0.25 FROM 0.5 TO 2.0

DATE SURVEYED MAY 1988
APPROVED

MJC

DATE May 31/88

PACIFIC GEOPHYSICAL LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY