84-#224 — 12327 02/85

Geochemical Survey Report

on the

Valentine Group

in

Artlish River Area, Vancouver Island, British Columbia

N.T.S. 92L/2W - Woss Lake map sheet

Lat. 126° 54' W. Long. 50° 07'N

ALBERNI MINING DIVISION

Owner-Operator David W. Murphy

by

David W. Murphy

Prospector

Vancouver, B.C. March 1984

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SUMMARY

A geochemical survey was carried out on the Valentine #4 claim, part of the Valentine group. These are located 16 Kilometers North of Zeballos, Vancouver Island, British Columbia, in the Alberni Mining Division.

A programme of soil, silt, and rock sampling was carried out on two separate grids. A total of 330 samples were analyzed for 30 element data to test distribution and dispersal of Au.

Previous work in the area had outlined pyritic zones in a sedimentary sequence, whose control and distribution were not readily explained.

The 1984 programme was carried out from February 6th to 17th, 1984. A field crew of 4 prospectors were utilized to sample and prospect the claim area.

The survey outlined some gold geochemical anomalies in the west of grid #1. These are as yet not fully explained. Further work is warranted.

A total of at least $8,500.00 was expended on the property.

LIST OF ILLUSTRATIONS

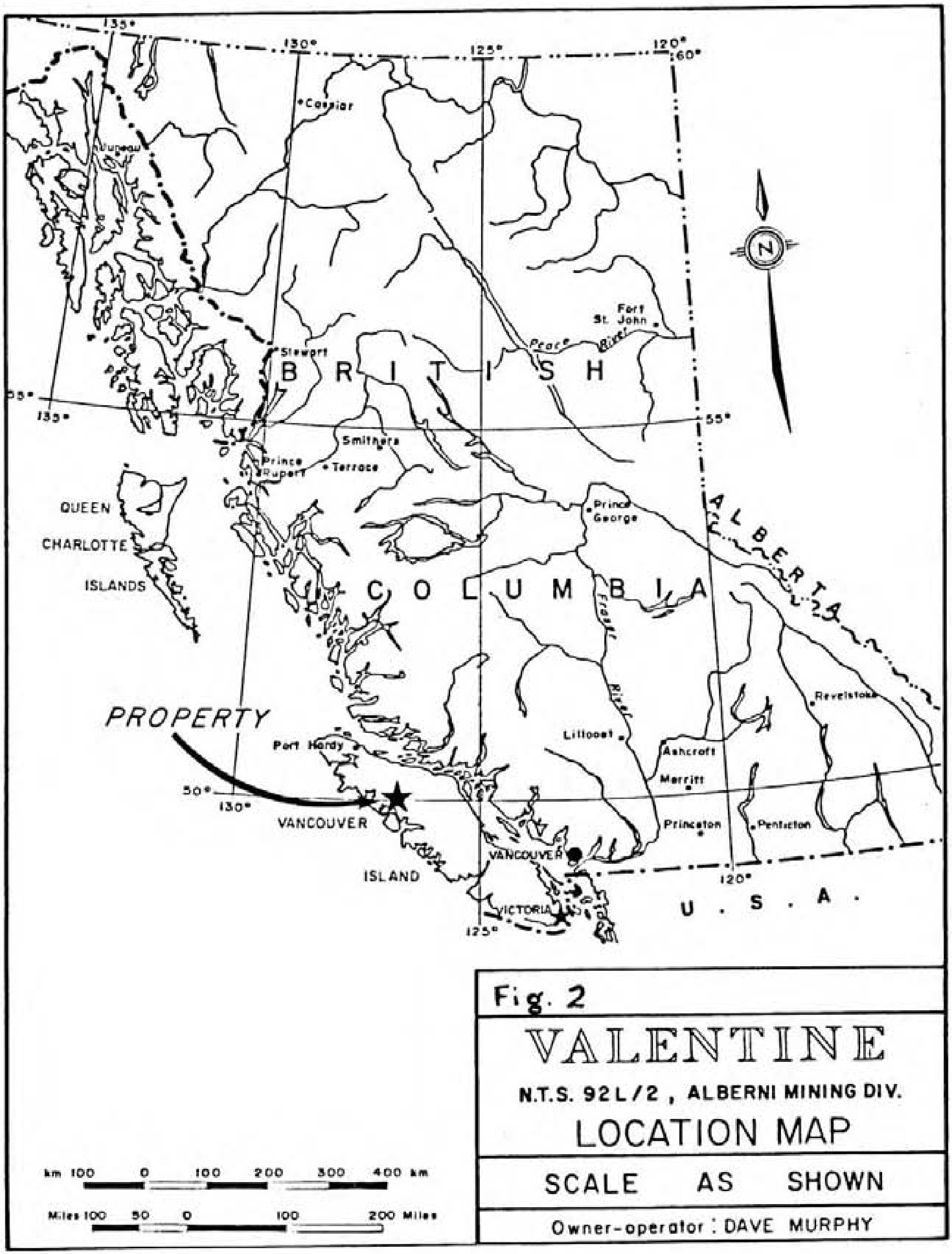


Fig. 2

VALENTINE

N.T.S. 92L/2, ALBERNI MINING DIV.

LOCATION MAP

SCALE AS SHOWN

Owner-operator : DAVE MURPHY

1. GENERAL INFORMATION

1.1 Location

The Valentine claim group is located at Toray Creek, a north flowing tributary of the Artlish River. It is located 16 Kilometers north of Zeballos, B.C. (Fig. 1)

The group is in the Alberni Mining Division, N.T.S. 92L/2W Woss Lake map sheet. The group is at 126° 54'W 50° 07'N.

1.2 Access

Access to the property is some 25 kilometers along Tahasis Logging Co. gravel roads from Zeballos through to the Artlish Main Line. Four wheel drive vehicle use is recommended. Within the claim group, gravel roads provide easy access to the showings.

1.3 Topography

The claim group occupies a north trending valley, ranging in elevation from 360 meters to 1410 meters.

The group is densely wooded with mature cedar, hemlock and balsam fir. Tahasis Logging Co. has logged parts of the property, facilitating general access. Their future plans encompass logging over areas within the property.

Rock outcrops are sparce, being largely restricted to stream courses, and cliff faces.

1.4 Claim Status

The Valentine group comprises 85 units. (Fig. 1)

TABLE I

Valentine Group # N/G 1115 Date: February 17,1984

Name	No. Units	Record #	Date
Valentine #1	20	1628	Feb.18,1983
Valentine #2	20	1629	Feb.18,1983
Valentine #3	10	1630	Feb.18,1983
Valentine #4	20	1631	Feb.18,1983
Valentine #5	15	1632	Feb.18,1983

The owner and operator of the claim group is: David W. Murphy P.O. Box 142, Vananda, British Columbia VON3KO.

1.5 Previous Work

Esperanza Exploration Ltd. carried out a detailed programme in 1979 and 1980 on previous claims in the area. This work comprised, silt, soil and rock geochemistry, followed up by trenching. Their data outlined an area of gold mineralization of some potential. Other corporate commitments prevented a detailed follow up, and subsequently the claim lapsed. (Assessment Report 8612)

The present claim group was recorded in February 1983.

No other detailed work is known in the area.

2. REGIONAL INFORMATION

2.1 Regional Geology

The geology of the area has been described by Muller, Northcote and Carlisle. G.S.C. paper 74-8.

The general area lies near the flanks of a large quartz diorite intrusive. A westerly dipping sequence is present ranging from nasal karmutsen volcanics, overlying quatsino linestone and passing to the Parson Bay sedimentary sequence.

Within the property, identified rock units consist largely of quatsino linestone overlain by the Parson Bay sedimentary sequence. Bonanza volcanics are identified in the west of the property. Units appear to dip to the south west at moderate angles.

2.2 Mineralization

The known mineralization on the property is identified in Toray Creek.

It comprises of pyritic beds (?) within a siliceous siltstone. These are intercalated in calcareous beds, which locally are altered to an actinolitic assemblage, containing pyrite, pyrrhotite, magnetite and sparce chalcopyrite. Some arsenopyrite is associated.

Detailed controls whether lithological or structural, are unknown, and outside the scope of this report.

3. GEOCHEMICAL SURVEY

3.1 Objectives

The objective of the soil sampling programme was to:

(a) verify previous sample data
(b) extend previous data and locate new zones.

The objectives were accomplished by soil sampling along a 5.4 Km. grid with a further grid 0.9 Km. detail grid. The lines were flagged, blazed, chained and compassed.

Samples were run for 30 elements (ICP Technique) to test alteration envelopes and gold associates.

Samples were collected at 25 meter intervals and lines 100 meters apart. A total of 293 samples were collected. Twenty rock samples were collected at outcrops.

3.2 Grid #1

this grid covered and extended the previous Esperanza grid.

The eastern part of the grid is flat, with some alluval cover, passing westward to a steep slope.

The results (Fig. 4) show anomalous values at the western part of the grid.

Gold values range from 5ppb to 535ppb. The highest value was at 2S-10W.

The data (30 element) was not subject to rigorous statistical analyses. However, some notable features are present. These are:

(1) Gold values show a partial correlation with Fe.
(2) High gold values appear to have some flanking Hg anomalies.
(3) Au-As. correlation is weak though As. values (> 1000ppm) do not correlate with Au values.
(4) Ba-Au correlation is weak.

The concentration of high Au values (> 100 ppb) relate, as far as present information, to be developed on the flank of a dacite intrusive.

More follow up work is required at these locations (lines 2S-10W; 3S-9.25W; 2S-7.50W).

3.3 Grid #2

This was a contour grid. It measured 0.9 Km. A total of 37 samples were collected. (Fig. 4)

The results were inconclusive with no Au values above 5ppb. Other elements showed a random pattern with no clear correlation. The highest As (332ppm) was atUP-21.

.../

3.4 Rock Samples

A total of 20 rock samples were collected and analyzed. These were from random, mineralized outcrops. Assay data for Au-Ag did not give any values greater than 0.08 ozs. Au/ton. No correlations were drawn.

3.5 Procedures

Soil samples were taken from the B horizon using a soil grub-hoe. Depths to the B horizon ranged from 5 to 50 cm. and averaged 15 cm. Samples were placed in kraft paper envelopes and a standard sheet for soil type and site information was filled in by the samples. Analysis was done by Acme Analytical Laboratories Ltd. and their analytical procedures and results are outlined in Appendix C.

4. SUMMARY AND CONCLUSIONS

(1) The mineralization on the Valentine group comprises showing of pyrite in a siliceous siltstone, intercalated in a variably altered calcareous sequence.

(2) Geochemical surveys were conducted to extend and confirm previous data over this area.

(3) The present survey totalled 6.2 Kms. of line and a total of 293 soil and silt samples. These were analyzed for multiple elements to test element patterns, dispersal patterns and pathfinder elements. Twenty rock samples were run for Au, Ag.

(4) The survey revealed, in grid #1 some high ($>$ 100 ppb) Au values in the west of the grid. These have not been fully explored. A correlation of Au-Fe was established. Scattered sample As anomalies and weak flanking Hg anomalies have not been explained.

(5) Further ground prospecting should be carried out to test and sample these occurrences fully.

APPENDIX A

Statement of Qualifications

A. DAVID W. MURPHY

I, David W. Murphy, of Vananda, British Columbia, hereby certify that:

(1) I have worked continuously in mineral exploration since 1972.

(2) I have worked in Open Pit mining operations for a period of 2 years. (1971-2)

(3) I have been trained in the correct procedures for soil and silt geochemistry while working in mineral explorations for 12 years.

(4) I have completed the Chamber of Mines prospecting course in 1976, and have been awarded prospecting grants in 1978, 1979 and 1980.

(5) This report is based on personally working and supervising the geochemical work on the Valentine Group in 1984.

Dated at Vancouver, B.C.
March 30, 1984

David W. Murphy

Appendix A (continued)

B. FIELD CREW

(1) Roy Samuelson, prospector of Vananda, B.C.
22 years field experience.

(2) Charles Henshaw, prospector, soil sampler, of Vancouver, B.C.
9 years field experience.

(3) Marshall Van Dusen, prospector, soil sampler, of Vancouver, B.C.
3 years field experience.

APPENDIX B

COST DATA SUMMARY

Total wages	6,100.00
Meals, Groceries and Accommodations	1,275.65
Transportation, Fuel and Oil	315.00
Vehicle Rental	1,440.00
Geochemical Analyses	3,200.00
Report Preparation and Reproduction	342,80
Equipment, Goods and Miscellaneous	534.26
Maps and Publications	38.50
TOTAL	13,246.21

Applied Work as Follows

Geochemical work	$13,246.21	Applied	$8,500.00

Valentine Group

Valentine #1	20 units	1 year
Valentine #2	20 units	1 year
Valentine #3	10 units	1 year
Valentine #4	20 units	1 year
Valentine #5	15 units	1 year

Appendix B (Continued)

STATEMENT OF COSTS

WAGES

Name	Nature of Work	Dates	Days		Rate
D.W. Murphy	Prospecting and Supervision	Feb 6-18,1984	13	@	150.00
Roy Samuelson	Prospecting and Rock Sampling	Feb 6-16,1984	11	@	150.00
Charles Henshaw	Soil Sampling	Feb 7-16,1984	10	@	125.00
Marshall Van Dusen	Soil Sampling	Feb 7-16,1984	10	@	125.00
			44		

Total Wages	24 days @ $150.00		$3,600.00
	20 days @ $125.00		$2,500.00
		Total	$6,100.00

MEALS, GROCERIES AND ACCOMMODATION

Little Prospector Motel Zeballos, B.C.	February 7-16	$55.00 per		495.00
			Tax	34.65
				529.65
Meals and Groceries				746.00
		Total		1,275.65

TRANSPORTATION

Fuel and Oil		185.00
BC Ferries		130.00
	Total	315.00

VEHICLE RENTAL

Two - 4X4 Truck rental, February 6 - 17, 1984
10 days @ 50.00 per day
plus .10 per Km. and
insurance. 20 days = 1,440.00

Appendix B (Continued)

GEOCHEMICAL ANALYSES

ICP analysis	1,595.00		
Geochemical Au by Aa Assay	1,170.00		
Soil sample preparation	145.00		
Au + Ag (FA) Assay	240.00		
Rock sample preparation	50.00		
		Total	3,200.00

REPORT PREPARATION AND REPRODUCTION	342.80

EQUIPMENT, GOODS AND MISCELLANEOUS

Flagging, sample bags, grub-hoe, tools et al	534.26

MAPS AND PUBLICATIONS	38.50

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

GEOCHEMICAL LABORATORY METHODOLOGY - 1984

Sample Preparation

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

Geochemical Analysis (AA and ICP)

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

A. Atomic Absorption (AA)

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

B. Inductively Coupled Argon Plasma (ICP)

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

Geochemical Analysis for Au*

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

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

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

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

The silver beads are dissolved and Au, Pd, Pt and Rh are determined in the solution by graphite furnace Atomic Absorption.

Geochemical Analysis for As

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

Geochemical Analysis for Barium

0.1 gram samples are digested with hot NaOH and EDTA solution, and diluted to 10 ml.

Ba is determined in the solution by Atomic Absorption or ICP.

Geochemical Analysis for Tungsten

1.0 gram samples are fused with KCl, KNO_3 and Na_2CO_3 flux in a test tube, and the fusions are leached with 20 ml water. W in the solution determined by ICP with a detection of 1 ppm.

ACME ANALYTICAL LABORATORIES LTD.   852 E. HASTINGS. VANCOUVER B.C.   PH:253-3156   TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. SAMPLE TYPE - SOIL

DATE RECEIVED FEB 16 1984   DATE REPORTS MAILED Feb 21/84   ASSAYER D. Toye   DEAN TOYE, CERTIFIED B.C. ASSAYER

CAL-DENVER RES   PROJECT # VALENTINE   FILE # 84-0206A   PAGE # [illegible]

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	AuI ppb
0 10W	5	39	37	76	.8	17	12	607	6.96	18	2	ND	2	15	1	6	4	178	.11	.05	6	22	.59	44	.25	2	3.58	.01	.03	2	5
0 9+75W	7	56	53	106	.7	24	17	722	9.21	59	2	ND	2	20	1	4	2	134	.10	.06	8	39	.97	60	.11	2	5.29	.01	.03	2	5
0 9+50W	9	31	28	94	.6	23	9	222	7.95	28	2	ND	2	11	1	7	2	150	.03	.05	7	41	.46	47	.15	2	4.46	.01	.02	2	5
0 9+25W	1	47	16	37	.1	14	7	245	16.51	74	2	3	2	14	1	2	2	241	.04	.07	3	29	.31	16	.47	2	4.13	.01	.01	3	5
0 9W	1	20	7	23	.1	9	4	712	11.12	14	2	ND	2	6	1	7	5	370	.02	.08	2	9	.09	9	.80	2	1.71	.01	.02	2	5
0 8+75W	2	22	7	22	.3	9	7	169	5.20	10	2	ND	2	5	1	5	3	169	.01	.04	2	12	.10	9	.34	4	1.22	.01	.03	2	5
0 8+50W	3	31	7	61	.2	12	4	194	7.26	17	3	ND	2	6	1	2	2	85	.01	.06	5	44	.29	21	.22	2	7.46	.01	.02	2	5
0 8+25W	2	13	4	25	.6	8	5	229	7.54	8	2	ND	2	15	1	5	7	321	.05	.04	2	17	.12	10	.74	2	3.39	.01	.02	2	5
0 8W	2	58	4	105	.1	26	12	315	7.52	76	2	ND	2	17	1	2	2	159	.31	.04	3	55	1.27	36	.22	2	4.10	.01	.02	2	5
0 7+75W	2	76	17	126	.1	31	25	1081	7.45	79	2	ND	2	80	1	7	2	75	.72	.06	9	36	1.15	46	.03	2	[illegible]	.01	.06	2	5
0 7+50W	2	32	12	58	.1	19	10	203	1.40	34	[illegible]	ND	2	15	1	2	2	241	.12	.05	2	60	.75	21	.30	2	5.15	.02	.02	2	5
0 7+25W	1	62	13	109	.1	25	25	1255	6.95	23	6	ND	2	612	1	2	2	85	2.93	.03	4	49	.96	52	.12	2	7.55	.02	.04	2	5
0 7W	4	70	3	130	.1	27	14	367	6.28	29	6	ND	2	214	1	2	2	76	.80	.09	7	43	.59	62	.15	2	7.64	.02	.02	2	16
0 6+75W	4	47	16	12_	.2	23	7	176	7.24	33	2	ND	2	73	1	2	2	106	.11	.05	11	38	.49	85	.16	2	5.40	.01	.03	2	5
0 6+50W	4	34	11	77	.1	17	6	170	8.04	20	2	ND	2	51	1	2	2	150	.54	.03	2	35	.33	30	.27	2	2.99	.01	.02	2	5
0 6+25W	3	55	12	123	.1	22	11	303	7.07	28	2	ND	2	109	1	2	2	97	.50	.07	7	41	.56	48	.14	4	5.69	.01	.04	2	5
0 6W	4	113	12	538	.7	32	7	253	8.77	27	3	ND	2	41	1	2	3	142	.19	.08	3	72	.75	34	.40	2	9.60	.01	.02	2	5
0 5+75W	4	47	7	135	.1	24	15	310	10.44	335	2	ND	2	87	1	7	2	181	1.19	.07	4	48	.51	27	.31	2	7.44	.01	.02	2	5
0 5+50W	2	47	9	77	.4	21	14	631	8.48	195	12	ND	2	131	1	2	2	165	2.06	.05	4	52	1.06	15	.47	5	6.34	.01	.01	2	5
0 5+25W	3	45	12	134	.1	21	21	420	8.87	42	7	ND	2	97	1	2	2	132	.73	.07	3	45	.75	36	.20	2	5.47	.01	.04	2	10
0 5W	2	86	10	103	.4	28	22	801	9.72	51	2	ND	2	123	1	2	2	162	.98	.10	7	44	1.08	40	.28	2	5.70	.02	.02	2	5
0 4+75W	3	67	12	129	.3	29	19	1306	6.06	29	2	ND	2	295	1	2	2	73	1.34	.10	7	36	.88	48	.12	2	4.17	.03	.02	2	5
0 4+50W	2	50	9	82	.3	18	8	404	6.57	46	3	ND	2	100	1	2	2	93	.29	.06	5	42	.66	62	.16	2	5.06	.01	.03	2	5
0 4+25W	2	51	4	90	.4	22	13	888	5.79	45	2	ND	2	96	1	2	2	77	.35	.07	6	43	.70	77	.14	2	6.28	.02	.02	2	5
0 4W	3	37	9	73	.4	16	8	619	7.10	39	12	ND	2	46	1	2	2	139	.04	.04	4	48	.53	37	.19	3	3.77	.01	.02	2	5
0 3+75W	2	28	4	54	.5	12	5	349	4.94	28	2	ND	2	45	1	2	3	104	.10	.05	3	36	.62	31	.17	2	2.91	.01	.07	2	5
0 3+50W	3	29	12	65	.1	17	6	396	7.73	30	2	ND	2	23	1	2	4	132	.05	.04	3	52	.76	26	.27	2	2.75	.01	.03	2	5
0 3+25W	2	65	9	137	.2	28	15	1358	6.09	35	4	ND	2	199	1	2	2	86	.99	.09	7	37	.86	50	.12	2	4.74	.02	.03	2	5
0 3W	3	25	10	56	.1	15	7	338	7.15	47	2	ND	2	48	1	2	2	154	.44	.03	3	35	.58	45	.26	2	[illegible]	.01	.02	2	5
0 2+75W	2	30	6	35	.3	15	7	402	7.44	26	2	ND	2	12	1	2	2	167	.11	.05	3	35	.76	24	.24	2	7.34	.01	.02	2	5
0 2+50W	2	40	9	87	.1	21	12	1007	6.95	40	2	ND	2	243	1	2	2	95	.93	.06	3	46	.93	66	.17	2	3.86	.01	.02	2	5
0 2+25W	4	36	11	54	.4	13	14	1194	7.49	65	2	ND	2	29	1	2	2	136	.14	.09	4	32	.67	26	.14	3	3.89	.01	.03	2	5
0 2W	4	26	15	42	.6	14	9	732	9.38	113	2	ND	2	12	1	2	2	186	.05	.05	3	39	.65	16	.24	2	2.71	.01	.02	2	19
0 1+75W	4	20	7	26	.5	9	6	281	5.92	76	2	ND	2	7	1	2	5	200	.02	.02	3	18	.16	9	.25	2	3.42	.01	.02	2	5
0 1+50W	3	36	11	35	.1	17	14	1644	7.86	65	5	ND	2	32	1	2	2	139	.28	.06	6	37	.91	37	.16	2	4.19	.01	.02	2	5
0 1+25W	5	58	12	83	.9	17	11	523	7.83	92	2	ND	2	29	1	2	3	142	.07	.06	4	49	.85	28	.20	2	5.56	.01	.02	2	5
0 1W	6	88	13	130	.4	27	21	896	8.25	137	7	ND	2	41	1	2	2	155	.18	.05	9	65	1.38	46	.16	2	5.50	.01	.03	2	16
STD A-1/AU 0.5	1	29	38	181	.3	36	11	998	2.83	9	2	ND	2	34	1	2	2	57	.59	.10	8	76	.70	276	.08	8	2.07	.02	.01	2	520

appendix 'c'

CAL-DENVER RES PROJECT # VALENTINE FILE # 84-0206A PAGE # 2

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
0 0+75W	6	19	14	13	.3	8	2	67	7.26	101	2	ND	2	6	1	4	8	228	.05	.03	2	19	.07	14	.46	2	1.25	.01	.02	2	190
0 0+50W	3	94	6	66	.1	23	17	507	4.82	58	2	ND	2	76	1	3	3	78	1.31	.08	5	33	.95	29	.10	3	3.16	.04	.03	2	5
0 0+25W	3	113	9	67	.1	31	27	836	6.73	55	2	ND	2	52	1	2	2	93	1.59	.09	5	34	.98	33	.12	13	3.09	.04	.03	2	40
0 0W	1	62	7	47	.2	24	9	323	6.39	45	2	ND	2	17	1	3	3	155	.27	.03	3	61	.99	22	.34	2	6.12	.01	.02	2	5
1S 10W	3	46	4	36	.1	13	6	210	10.34	28	2	ND	2	7	1	2	5	243	.17	.05	3	81	.26	13	.53	2	5.33	.01	.01	2	5
1S 9+75W	5	83	7	30	.4	15	7	148	11.16	70	2	ND	2	7	1	2	4	224	.18	.04	2	50	.40	25	.26	2	4.96	.01	.03	2	25
1S 9+50W	24	331	11	26	.3	16	9	205	26.38	63	2	ND	2	3	1	2	3	204	.04	.08	2	24	.07	19	.35	2	3.75	.01	.01	2	15
1S 9+25W	28	247	8	54	.4	21	17	262	13.81	42	2	ND	2	7	1	2	3	197	.12	.05	2	54	.46	39	.26	2	6.92	.01	.03	2	10
1S 9W	14	129	9	52	.7	18	15	285	8.99	38	2	ND	2	16	1	2	2	165	.42	.04	5	43	.57	56	.20	2	3.96	.01	.03	2	5
1S 8+75W	23	89	11	65	.2	12	23	659	11.13	165	2	ND	2	15	1	2	7	200	.37	.05	5	25	.19	47	.34	2	3.18	.01	.01	2	75
1S 8+50W	1	20	6	42	.2	13	4	145	8.34	28	9	ND	2	7	1	2	9	191	.04	.03	2	9	.08	13	.39	2	1.83	.01	.02	2	5
1S 8+25W	1	28	4	34	.4	11	4	276	18.02	28	2	ND	2	16	1	2	7	311	.07	.09	2	9	.08	10	.79	2	3.04	.01	.01	2	5
1S 8W	1	20	3	25	.1	9	3	258	13.66	9	2	ND	2	17	1	8	10	314	.10	.07	2	7	.10	10	.84	2	1.82	.01	.02	2	5
1S 7+75W	2	36	11	40	.3	11	5	241	12.12	34	2	ND	2	8	1	6	2	242	.02	.07	5	23	.23	8	.37	2	4.76	.01	.01	2	5
1S 7+50W	3	102	17	20	.5	24	29	896	8.06	378	2	ND	2	3	1	3	6	101	.02	.11	20	35	.79	42	.01	2	2.76	.01	.02	2	5
1S 7+25W	4	65	8	115	.7	24	9	291	9.56	28	2	ND	2	57	1	2	3	122	.21	.09	9	26	.40	58	.24	2	5.74	.01	.03	2	5
1S 7W	6	87	16	161	.4	34	17	685	8.23	39	2	ND	2	282	1	2	2	81	1.20	.09	11	23	.42	75	.17	2	6.87	.02	.02	2	5
1S 6+75W	2	56	7	103	.1	17	11	450	7.09	57	2	ND	2	15	1	2	4	108	.12	.06	4	32	.76	21	.11	3	4.87	.01	.02	2	5
1S 6+50W	2	22	8	29	.6	10	5	284	9.46	35	2	ND	2	6	1	3	5	168	.02	.03	2	32	.23	9	.24	2	2.35	.01	.01	2	5
1S 6+25W	2	18	5	21	.5	9	5	220	8.53	28	2	ND	2	5	1	2	5	177	.02	.03	2	19	.12	8	.26	2	1.80	.01	.01	2	5
1S 6W	3	48	11	68	.1	17	8	418	10.28	56	2	ND	2	8	1	2	2	141	.05	.05	4	36	.66	23	.15	2	6.79	.01	.02	2	5
1S 5+75W	2	45	2	87	.1	25	12	349	5.55	27	2	ND	2	46	1	2	4	89	.22	.06	8	39	.58	28	.16	2	5.66	.01	.03	2	5
1S 5+50W	3	46	8	78	.5	21	7	222	7.01	75	2	ND	2	23	1	2	2	118	.17	.04	7	35	.45	32	.21	2	4.50	.01	.01	2	5
1S 5+25W	1	29	1	39	.4	20	7	151	4.51	8	5	ND	2	8	1	6	7	266	.02	.01	2	36	.17	9	.40	2	.98	.01	.02	2	5
1S 5W	3	40	13	77	.3	18	7	287	7.32	56	2	ND	2	54	1	2	5	96	.30	.03	3	33	.72	26	.16	2	3.09	.01	.01	2	5
1S 4+75W	2	51	4	86	.3	39	17	957	4.14	14	2	ND	2	88	1	2	3	83	.85	.09	9	32	.98	52	.11	2	5.10	.11	.02	2	5
1S 4+50W	1	50	4	85	.2	38	17	1012	3.95	13	2	ND	2	85	1	2	2	78	.77	.09	9	32	.93	52	.11	2	5.27	.10	.01	2	5
1S 4+25W	2	47	9	48	.4	17	13	1026	5.26	45	2	ND	2	29	1	3	4	80	.26	.09	3	30	.69	18	.07	2	1.94	.01	.03	2	5
1S 4W	2	23	7	23	.2	9	4	226	6.55	43	2	ND	2	9	1	2	6	121	.09	.06	2	23	.34	12	.12	2	2.01	.01	.02	2	5
1S 3+75W	3	25	9	31	.5	13	5	275	7.45	54	2	ND	2	19	1	2	4	160	.11	.06	2	29	.45	14	.16	2	2.58	.01	.01	2	5
1S 3+50W	4	46	12	67	.3	15	17	671	7.04	85	2	ND	2	30	1	2	3	117	.24	.05	5	26	.78	29	.13	2	4.19	.01	.02	2	5
1S 3+25W	1	22	6	17	.3	9	4	195	3.85	18	5	ND	2	14	1	3	5	136	.08	.05	2	19	.34	14	.18	2	1.39	.01	.03	2	5
1S 3W	4	20	5	25	.2	9	6	421	5.17	57	6	ND	2	7	1	2	6	148	.01	.03	2	16	.08	7	.17	2	1.10	.01	.01	2	10
1S 2+75W	2	21	4	27	.2	9	9	374	6.60	26	2	ND	2	8	1	3	9	196	.05	.04	2	9	.20	6	.48	3	1.16	.01	.01	2	5
1S 2+50W	3	50	9	71	.6	16	7	382	8.86	20	2	ND	2	11	1	2	4	104	.06	.07	8	28	.66	22	.24	2	6.11	.01	.02	2	5
1S 2+25W	3	25	6	40	.4	12	6	382	11.22	23	2	ND	2	10	1	2	8	164	.05	.06	6	18	.32	12	.45	2	3.66	.01	.01	2	5
1S 2W	3	28	5	44	.3	12	7	381	9.97	50	2	ND	2	14	1	2	7	155	.07	.05	4	26	.50	14	.36	2	3.27	.01	.02	2	5
STD A-1/AU 0.5	1	30	38	184	.3	37	11	1015	2.86	9	2	ND	2	36	1	2	2	57	.59	.10	8	74	.69	279	.08	8	2.07	.02	.19	2	480

CAL-DENVER RES PROJECT # VALENTINE FILE # 84-0206A

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1S 1+75W	6	194	11	68	.1	28	50	997	8.53	169	2	ND	2	75	1	2	2	73	.98	.10	4	28	.72	32	.08	2	3.06	.04	.04	2	5
1S 1+50W	7	196	9	68	.1	27	51	1011	8.47	178	2	ND	2	74	1	2	2	71	.98	.10	4	23	.68	31	.07	2	3.04	.05	.04	2	5
1S 1+25W	7	132	6	52	.2	19	52	1410	7.75	164	2	ND	2	67	1	2	2	87	1.04	.09	3	25	.68	27	.08	2	3.15	.03	.03	2	5
1S 1W	4	55	5	24	.2	12	8	274	9.03	117	2	ND	2	11	1	2	2	138	.14	.02	2	30	.55	13	.31	2	2.33	.01	.03	2	5
1S 0+75W	2	32	2	18	.3	9	5	196	6.59	81	2	ND	2	10	1	4	2	169	.14	.03	2	25	.58	13	.33	2	1.73	.01	.03	2	5
1S 0+50W	4	84	4	24	.1	12	7	260	10.13	150	2	ND	2	6	1	2	2	198	.06	.06	4	45	.29	15	.41	2	6.65	.01	.01	2	5
1S 0+25W	3	91	3	63	.1	28	27	884	5.96	36	2	ND	2	39	1	2	2	85	1.07	.10	4	30	.94	32	.08	2	2.62	.03	.02	2	5
1S 0W	3	68	4	51	.1	22	14	394	5.94	35	2	ND	2	28	1	2	2	89	.68	.06	4	30	.81	26	.10	2	2.55	.02	.02	2	5
2S 10W	10	101	8	345	.1	25	38	6509	5.87	26	2	ND	2	9	3	2	2	94	.22	.06	6	43	.29	32	.14	2	5.69	.01	.02	2	535
2S 9+75W	6	41	7	22	.2	9	5	149	8.65	28	2	ND	2	14	1	2	2	226	.10	.02	2	29	.14	15	.37	2	1.89	.01	.02	2	5
2S 9+50W	7	51	7	63	.1	17	33	748	7.21	47	2	ND	2	7	1	2	2	156	.13	.02	2	46	.42	19	.21	2	5.00	.01	.03	2	5
2S 9+25W	3	85	6	37	.3	19	12	210	6.43	50	2	ND	2	5	1	2	2	138	.10	.04	2	50	.42	19	.19	2	5.80	.01	.03	2	5
2S 9W	1	11	2	13	.3	4	2	310	3.33	3	6	ND	2	7	1	4	3	154	.05	.03	2	1	.05	9	.51	2	.73	.01	.01	2	5
2S 8+75W	9	46	4	37	.1	10	52	2392	6.46	41	2	ND	2	6	1	4	2	135	.12	.04	2	40	.20	15	.22	2	3.18	.01	.02	2	5
2S 8+50W	17	65	8	65	.4	18	14	298	9.87	79	2	ND	2	6	1	2	2	200	.08	.04	2	45	.47	26	.21	2	4.03	.01	.03	2	5
2S 8+25W	10	87	3	23	.1	10	10	146	10.47	26	2	ND	2	13	1	2	2	163	.33	.03	4	36	.68	28	.38	2	2.23	.01	.01	2	5
2S 8W	4	109	3	99	.1	22	74	3436	5.07	43	4	ND	2	20	1	2	2	55	.49	.05	5	33	.22	43	.10	2	3.52	.01	.02	2	5
2S 7+75W	2	143	6	60	.1	24	25	1352	6.03	50	6	ND	2	20	1	2	2	97	.34	.03	5	43	.58	28	.22	2	4.81	.01	.01	2	5
2S 7+50W	4	108	11	37	.5	13	28	791	7.97	162	2	ND	2	13	1	2	2	131	.27	.04	4	29	.47	29	.20	2	2.54	.01	.02	2	110
2S 7+25W	3	205	3	55	.2	17	18	389	6.42	197	5	ND	2	4	1	2	2	105	.08	.05	6	45	.40	15	.19	2	4.60	.01	.03	2	15
2S 7W	3	234	12	102	.5	35	37	999	8.05	189	2	ND	2	8	1	2	2	123	.15	.08	5	59	.76	26	.26	2	7.32	.01	.02	2	5
2S 6+75W	6	121	16	50	.2	11	12	486	12.09	1270	2	ND	2	4	1	2	2	119	.04	.07	2	21	.14	17	.14	2	2.56	.01	.03	2	5
2S 6+50W	4	52	10	33	.3	6	7	266	7.55	530	2	ND	2	6	1	3	2	121	.10	.06	2	12	.15	13	.34	2	1.45	.01	.02	2	5
2S 6+25W	3	36	5	47	.2	8	5	326	13.43	78	3	ND	2	6	1	2	2	116	.08	.07	6	9	.19	10	.44	2	4.15	.01	.01	2	5
2S 6W	1	18	2	33	.1	6	4	1279	9.38	15	2	ND	2	3	1	2	2	105	.04	.06	6	7	.08	9	.44	2	6.02	.01	.01	2	5
2S 5+75W	15	20	7	28	.4	8	4	293	4.21	153	2	ND	2	24	1	2	2	133	.61	.04	2	34	.19	15	.23	2	3.32	.01	.03	2	5
2S 5+50W	2	41	6	94	.2	9	9	502	7.09	19	2	ND	2	9	1	2	2	99	.04	.06	4	16	.37	10	.23	2	4.73	.01	.01	2	5
2S 5+25W	1	20	5	25	.4	6	3	337	9.66	7	2	ND	2	4	1	2	2	130	.04	.08	3	5	.11	7	.39	2	2.78	.01	.01	2	5
2S 5W	1	22	18	23	.1	8	6	454	10.52	15	2	ND	2	7	1	2	2	251	.02	.05	2	14	.29	16	.56	2	2.76	.01	.02	2	5
2S 4+75W	2	30	7	26	.5	10	6	277	6.76	18	2	ND	2	5	1	2	2	138	.04	.05	5	23	.27	10	.21	2	3.82	.01	.02	2	5
2S 4+50W	2	81	2	42	.2	12	20	680	7.00	66	2	ND	2	11	1	2	2	102	.11	.08	4	31	.23	18	.22	2	5.07	.01	.01	2	5
2S 4+25W	4	69	3	41	.4	14	12	581	6.46	76	2	ND	2	12	1	2	2	86	.14	.10	6	33	.27	14	.16	2	6.39	.01	.02	2	5
2S 4W	3	45	5	22	.2	11	5	265	12.35	76	2	ND	2	7	1	2	2	206	.07	.08	3	37	.17	12	.58	2	2.83	.01	.01	2	5
2S 3+75W	1	20	8	21	.3	6	5	325	11.67	15	2	ND	2	4	1	2	2	114	.02	.06	3	6	.13	7	.59	2	1.98	.01	.01	2	5
2S 3+50W	1	19	1	16	.5	5	6	341	7.20	8	2	ND	2	4	1	6	3	146	.02	.04	2	2	.12	7	.83	2	.97	.01	.01	2	5
2S 3+25W	1	16	1	17	.2	6	3	304	8.68	11	2	ND	2	3	1	2	2	172	.02	.06	3	2	.08	7	.81	2	1.53	.01	.01	2	5
2S 3W	1	17	1	14	.4	4	4	236	5.10	6	6	ND	2	5	1	4	5	186	.02	.04	2	2	.04	8	.77	2	.67	.01	.02	2	5
STD A-1/AU 0.5	1	31	39	184	.3	35	11	1022	2.82	9	2	ND	2	36	1	2	2	57	.58	.10	8	73	.68	275	.08	8	2.16	.02	.20	2	530

CAL-DENVER RES PROJECT # VALENTINE FILE # 84-0206A

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
2S 2+75W	1	27	2	29	.2	7	1	451	9.22	40	2	ND	2	5	1	2	2	204	.04	.06	5	4	.13	10	.87	2	2.05	.01	.01	2	5
2S 2+50W	1	35	7	56	.1	9	5	398	9.97	18	2	ND	2	15	1	2	2	73	.10	.08	8	8	.27	14	.30	4	5.50	.01	.02	2	5
2S 2+25W	1	28	4	25	.2	8	1	298	12.31	32	2	ND	2	6	1	2	2	168	.01	.06	3	3	.06	9	.67	2	2.30	.01	.01	2	5
2S 2W	6	113	11	46	.1	22	27	684	8.60	119	2	ND	2	35	1	2	2	102	.69	.07	4	37	.79	25	.15	4	3.16	.04	.03	2	30
2S 1+75W	4	105	7	73	.1	26	23	1015	6.40	100	2	ND	2	38	1	2	2	185	.78	.06	3	53	1.22	21	.20	3	3.82	.03	.04	2	5
2S 1+50W	7	79	7	31	.1	16	14	448	8.91	136	2	ND	2	30	1	2	2	99	.67	.05	3	32	.55	22	.18	2	2.59	.04	.03	2	40
2S 1+25W	8	71	8	26	.5	14	8	263	8.52	116	2	ND	2	26	1	2	2	110	.68	.05	3	27	.44	17	.21	2	1.93	.03	.04	2	10
2S 1W	17	36	1	16	.2	13	3	121	6.17	147	2	ND	2	7	1	2	2	177	.22	.02	3	22	.26	10	.41	2	1.08	.02	.01	2	5
2S 0+75W	6	28	1	30	.2	41	8	260	7.74	112	2	ND	2	14	1	2	2	187	.38	.04	4	48	1.04	13	.53	2	1.70	.06	.02	2	5
2S 0+50W	8	26	3	13	.1	10	1	99	6.41	141	2	ND	2	8	1	2	2	197	.23	.02	3	23	.18	10	.46	2	.94	.02	.01	2	10
2S 0+25W	5	68	4	22	.3	10	4	160	7.39	131	2	ND	2	8	1	2	2	142	.11	.03	5	34	.28	13	.26	2	3.66	.02	.01	2	5
2S 0W	7	51	8	17	.1	11	2	139	10.10	141	2	ND	2	6	1	2	2	189	.10	.04	4	30	.23	13	.38	2	3.17	.01	.01	2	5
3S 10W	8	14	7	19	.3	6	2	120	5.63	22	2	ND	2	7	1	2	2	211	.10	.02	4	22	.21	18	.17	2	1.90	.01	.02	2	5
3S 9+75W	11	486	14	107	.1	23	105	1389	19.49	257	15	ND	2	45	2	2	2	134	1.35	.07	4	38	.12	37	.13	2	3.71	.04	.09	2	35
3S 9+50W	13	109	11	59	.1	18	33	1621	18.38	120	6	ND	2	17	1	2	2	154	.51	.03	3	40	.27	26	.19	2	2.57	.04	.06	2	30
3S 9+25W	12	184	13	73	.1	18	46	385	21.00	619	2	ND	2	6	1	2	2	139	.24	.06	3	44	.11	16	.26	2	4.76	.04	.06	2	145
3S 9W	11	59	10	32	.2	15	9	176	11.42	101	2	ND	2	8	1	2	2	199	.12	.03	3	35	.48	23	.22	2	2.91	.01	.03	2	10
3S 8+75W	4	33	3	19	.2	12	6	127	7.39	49	2	ND	2	8	1	2	2	263	.08	.02	2	34	.22	14	.34	3	1.61	.01	.02	2	5
3S 8W	5	137	10	28	.1	17	9	219	10.16	64	2	ND	2	7	1	2	2	141	.16	.06	5	57	.48	22	.24	2	5.68	.02	.03	2	20
3S 7+75W	5	95	8	28	.1	15	7	252	10.63	62	2	ND	2	9	1	2	2	196	.14	.06	4	59	.50	19	.31	2	4.65	.02	.03	2	5
3S 7+50W	4	73	7	18	.1	15	4	175	13.14	39	2	ND	2	5	1	2	2	253	.11	.05	3	63	.22	19	.52	2	3.42	.01	.02	2	5
3S 7+25W	13	100	3	11	.1	12	2	124	11.95	43	2	ND	2	4	1	2	2	224	.10	.06	4	25	.08	34	.61	2	1.56	.02	.03	2	45
3S 7W	15	63	1	20	.1	11	1	121	9.95	129	2	ND	2	16	1	2	2	223	.17	.03	3	25	.10	19	.67	2	1.51	.01	.02	2	10
3S 6+75W	10	141	12	29	.4	15	8	273	15.10	69	2	ND	2	8	1	2	2	167	.18	.06	6	50	.15	20	.42	2	5.08	.02	.03	2	5
3S 6+50W	12	242	12	48	.1	19	40	1571	12.44	106	3	ND	2	19	1	2	2	177	.50	.06	5	39	.55	28	.21	2	4.69	.04	.07	2	35
3S 6+25W	6	183	10	46	.1	25	36	449	9.87	218	2	ND	2	18	1	2	2	133	.48	.08	11	56	.53	26	.19	2	7.26	.03	.03	2	115
3S 6W	4	99	9	52	.1	25	15	288	7.57	51	2	ND	2	22	1	2	2	169	.48	.04	4	46	.94	41	.19	4	4.47	.03	.05	2	5
3S 5+75W	4	31	4	19	.2	12	6	140	8.12	29	2	ND	2	5	1	2	2	279	.05	.02	2	31	.15	11	.40	2	1.89	.01	.01	2	5
3S 5+50W	3	35	8	26	.2	15	5	155	9.12	35	2	ND	2	7	1	2	2	212	.08	.04	2	51	.33	18	.29	2	4.35	.01	.02	2	5
3S 5+25W	4	20	8	26	.5	13	4	146	8.50	37	2	ND	2	8	1	2	2	256	.14	.06	3	35	.28	13	.31	2	2.21	.01	.02	2	5
3S 5W	6	26	10	41	.3	14	26	1029	6.06	29	2	ND	2	21	1	2	2	192	.50	.04	5	36	.28	40	.21	2	2.17	.01	.02	2	5
3S 4+75W	3	67	9	49	.3	24	7	233	7.75	42	2	ND	2	13	1	2	2	188	.14	.05	4	57	.79	19	.30	2	5.74	.01	.02	2	5
3S 4+50W	4	52	11	67	.2	30	11	298	5.93	49	2	ND	2	18	1	2	2	142	.28	.05	3	49	1.09	33	.22	3	5.87	.02	.03	2	5
3S 4+25W	8	92	29	143	.5	58	18	1987	9.11	55	2	ND	2	8	1	4	2	84	.17	.14	8	54	2.85	24	.13	3	3.50	.01	.02	2	5
3S 4W	2	61	14	145	.2	14	4	311	10.99	51	2	ND	2	23	1	2	2	184	.22	.06	4	22	.41	20	.58	2	4.45	.02	.02	2	5
STD A-1/AU 0.5	1	30	39	178	.3	36	11	994	2.79	11	2	ND	2	37	1	2	2	57	.59	.10	8	77	.69	276	.08	9	2.04	.02	.21	2	535

APPENDIX "C"

CAL-DENVER RES   PROJECT # VALENTINE   FILE # 84-0206A

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
3S 3+75W	4	64	4	33	.2	15	12	546	7.87	91	2	ND	2	26	1	8	2	123	.49	.07	3	29	.40	28	.28	2	2.27	.03	.05	2	5
3S 3+50W	2	43	4	25	.5	9	1	223	9.75	69	2	ND	2	11	1	2	2	295	.22	.05	3	14	.19	18	.83	2	1.80	.01	.02	3	5
3S 3+25W	2	48	7	49	.1	19	4	249	11.45	46	2	ND	2	8	1	3	2	223	.17	.05	3	52	.42	29	.53	2	3.13	.01	.02	2	5
3S 3W	2	67	11	65	.2	23	9	400	7.37	34	2	ND	2	19	1	2	2	151	.25	.08	3	42	.91	34	.26	4	5.83	.02	.02	2	5
3S 2+75W	4	51	6	82	.1	23	17	1107	5.83	63	2	ND	2	25	1	2	2	115	.46	.08	4	37	.78	51	.18	4	4.67	.02	.03	2	5
3S 2+50W	3	73	11	127	.3	31	22	2498	5.07	50	2	ND	2	51	1	2	2	93	1.01	.12	6	32	.73	77	.13	4	4.57	.03	.02	2	5
3S 2+25W	3	80	8	127	.2	32	22	2165	5.12	47	2	ND	2	59	1	2	2	89	1.11	.12	6	32	.72	77	.12	4	4.41	.04	.02	2	5
3S 2W	3	108	15	91	.2	28	18	549	7.72	56	2	ND	2	27	1	2	2	123	.53	.08	4	39	.39	25	.23	3	2.74	.03	.02	2	5
3S 1+75W	2	49	9	29	.2	12	4	161	8.91	51	2	ND	2	7	1	2	2	165	.08	.05	4	35	.21	14	.34	2	4.29	.01	.01	2	5
3S 1+50W	2	38	3	21	.4	12	2	210	9.48	56	2	ND	2	7	1	2	2	191	.19	.06	3	30	.23	19	.48	2	2.23	.01	.01	2	5
3S 1+25W	3	46	7	34	.2	12	5	245	8.98	37	2	ND	2	10	1	2	2	120	.27	.08	4	34	.36	16	.28	3	5.50	.01	.02	2	5
3S 1W	3	34	8	29	.5	12	2	210	9.16	43	2	ND	2	6	1	2	2	188	.07	.07	4	29	.17	15	.40	2	3.55	.01	.02	3	5
3S 0+75W	3	51	7	32	.6	12	4	279	8.07	70	2	ND	2	8	1	2	2	156	.15	.10	7	38	.30	15	.37	4	5.84	.02	.02	2	5
3S 0+50W	3	84	12	39	.3	15	12	566	6.03	83	2	ND	2	11	1	2	2	86	.15	.19	7	39	.44	15	.20	2	9.54	.01	.02	2	5
3S 0+25W	3	33	7	22	.3	12	3	208	8.79	61	2	ND	2	9	1	2	2	223	.16	.04	3	25	.31	11	.55	2	1.83	.01	.02	2	5
3S 0W	2	35	7	38	.5	13	5	277	7.35	39	2	ND	2	10	1	2	2	138	.13	.07	4	32	.52	19	.26	3	3.00	.02	.02	2	5
4S 9W	2	116	5	57	.1	28	24	480	8.27	45	2	ND	2	42	1	2	2	106	.86	.07	3	28	.69	23	.19	3	3.91	.05	.03	2	5
4S 8+75W	2	81	8	62	.4	33	16	340	6.79	34	2	ND	2	23	1	2	2	144	.37	.04	3	42	1.36	63	.18	4	4.27	.03	.06	2	5
4S 8+50W	3	224	7	25	.2	21	8	183	7.06	74	2	ND	2	14	1	2	2	91	.36	.05	5	36	.31	8	.27	3	8.52	.03	.01	2	5
4S 8+25W 2X	3	78	4	11	.2	8	3	78	7.19	101	2	ND	2	3	1	2	2	101	.09	.03	2	18	.10	8	.32	2	3.06	.01	.02	3	5
4S 8W	43	53	25	36	.5	12	101	1539	9.59	70	3	ND	2	11	1	2	2	104	.41	.11	8	34	.12	28	.10	5	7.44	.01	.03	3	5
4S 7+75W	6	28	4	21	.2	10	7	277	5.38	30	2	ND	2	9	1	2	2	236	.33	.03	3	18	.11	23	.32	2	1.19	.01	.02	2	5
4S 7+50W	17	70	11	77	.1	37	18	497	10.11	101	2	ND	2	19	1	4	2	207	.31	.04	4	57	1.27	68	.28	2	5.60	.01	.05	2	5
4S 7+25W	15	133	5	79	.1	36	32	939	6.52	210	4	ND	2	41	1	2	2	122	.95	.08	6	42	1.23	51	.18	4	4.96	.03	.06	2	10
4S 7W	17	47	9	49	.4	15	17	509	7.44	133	2	ND	2	23	1	2	2	151	.73	.06	6	50	.58	31	.22	4	3.23	.02	.05	2	5
4S 6+75W	3	27	7	19	.4	12	4	215	9.39	37	2	ND	2	9	1	3	2	309	.11	.03	2	33	.19	9	.54	2	1.97	.01	.02	2	5
4S 6+50W	2	22	4	17	.3	10	4	171	7.11	28	2	ND	2	8	1	2	2	277	.09	.02	2	24	.17	10	.48	2	1.80	.01	.02	2	5
4S 6+25W	3	72	4	82	.2	39	24	476	6.30	33	2	ND	2	23	1	4	2	151	.32	.07	6	52	1.33	63	.19	3	5.98	.01	.05	2	5
4S 6W	2	34	4	28	.1	14	7	175	6.66	25	2	ND	2	7	1	2	2	255	.08	.03	2	27	.29	15	.37	2	2.09	.01	.02	2	5
4S 5+75W	3	46	9	51	.1	23	9	300	6.89	32	2	ND	2	12	1	2	2	172	.17	.06	4	53	.76	31	.24	3	6.95	.01	.02	2	5
4S 5+50W	4	25	7	23	.6	14	5	194	9.79	42	2	ND	2	9	1	4	2	229	.12	.05	2	43	.32	14	.39	2	2.40	.01	.02	3	5
4S 5+25W	3	23	9	21	.3	12	4	167	7.40	34	2	ND	2	12	1	6	2	216	.12	.04	3	30	.30	15	.36	2	2.23	.01	.02	2	5
4S 5W	3	63	6	53	.3	23	11	300	7.70	36	2	ND	2	18	1	2	2	195	.22	.05	5	53	.73	56	.22	2	5.20	.01	.03	2	5
4S 4+75W	3	60	8	53	.3	21	10	289	7.12	32	2	ND	2	20	1	2	2	197	.23	.05	5	51	.66	52	.22	2	5.16	.01	.02	2	5
4S 4+50W	3	81	7	88	.2	42	24	532	6.80	50	2	ND	2	19	1	2	2	152	.23	.06	7	65	1.17	100	.21	4	7.82	.02	.06	2	5
4S 4+25W	3	50	10	41	.2	18	7	195	7.37	26	2	ND	2	48	1	2	2	146	.84	.06	5	38	.29	96	.27	3	3.22	.02	.02	2	5
4S 4W	4	31	8	48	.3	17	13	416	8.06	30	2	ND	2	15	1	5	2	206	.27	.06	5	45	.65	33	.25	2	4.05	.01	.04	2	5
STD A-1/AU 0.5	1	29	38	183	.3	36	11	996	2.83	10	2	ND	2	35	1	2	2	57	.60	.11	7	75	.70	281	.08	8	2.04	.02	.21	2	490

CAL-DENVER RES PROJECT # VALENTINE FILE # 84-0206A PAGE # 6

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
4S 3+75W	2	43	9	42	.1	20	7	340	7.89	36	2	ND	2	10	1	2	2	284	.12	.02	2	50	.76	22	.48	2	2.52	.01	.02	2	5
4S 3+50W	5	45	7	58	.4	25	7	255	9.24	45	7	ND	2	9	1	2	2	199	.12	.05	4	77	.65	22	.34	2	9.02	.01	.03	2	5
4S 3+25W	3	37	10	38	.4	15	5	212	7.64	30	2	ND	2	16	1	2	2	191	.43	.07	3	39	.34	24	.31	2	6.32	.01	.02	2	5
4S 3W	4	81	6	16	.2	11	3	129	9.87	16	2	ND	2	7	1	5	2	218	.07	.04	3	58	.13	19	.43	2	4.16	.01	.01	3	5
4S 2+75W	4	34	7	43	.3	18	6	197	7.22	29	2	ND	2	8	1	2	2	191	.10	.04	4	54	.44	22	.29	2	7.34	.01	.02	2	5
4S 2+50W	3	57	7	47	.4	21	7	262	6.25	42	3	ND	2	11	1	2	2	154	.21	.05	5	50	.67	21	.26	2	6.14	.01	.01	2	5
4S 2+25W	3	69	9	44	.5	17	5	246	8.50	37	2	ND	2	17	1	2	2	245	.31	.06	4	44	.22	18	.48	2	3.71	.02	.02	2	5
4S 2W	2	56	12	53	.5	18	6	427	8.52	38	2	ND	2	32	1	2	2	178	.40	.07	5	51	.37	32	.31	2	3.76	.02	.01	2	5
4S 1+75W	3	115	12	80	.3	24	18	599	6.66	45	5	ND	2	27	1	2	2	142	.38	.10	5	51	.45	25	.26	2	7.30	.02	.01	2	5
4S 1+50W	3	52	9	35	.5	15	5	210	8.22	47	2	ND	2	8	1	2	2	200	.09	.04	5	59	.30	16	.35	2	5.12	.01	.01	2	5
4S 1+25W	7	75	8	100	.3	31	9	279	7.72	59	2	ND	2	26	1	2	2	158	.17	.05	4	52	.66	33	.30	2	6.66	.01	.03	2	5
4S 1W	7	54	8	83	.4	24	7	202	9.18	64	6	ND	2	22	1	2	2	225	.07	.03	3	54	.41	38	.31	2	6.01	.01	.03	2	5
4S 0+75W	10	29	8	56	.3	19	6	218	6.91	125	2	ND	2	13	1	2	2	199	.16	.04	5	52	.72	35	.24	2	4.66	.01	.02	2	5
4S 0+50W	7	43	10	93	.4	20	16	1372	7.06	287	4	ND	2	21	1	2	2	163	.20	.07	8	52	.55	38	.19	2	5.28	.01	.02	2	5
4S 0+25W	7	27	16	67	.4	16	20	1881	8.38	153	8	ND	2	47	1	2	2	135	1.46	.08	3	29	.61	39	.12	2	3.57	.01	.02	2	5
4S 0W	7	18	8	36	.2	13	6	342	6.92	110	2	ND	2	14	1	2	2	182	.19	.04	4	39	.61	19	.25	2	2.55	.01	.02	2	5
5S 5W 2%	2	73	4	22	.2	13	3	111	4.67	21	2	ND	2	8	1	2	2	78	.11	.03	4	35	.13	19	.19	2	4.33	.01	.01	2	5
5S 4+75W	4	116	6	38	.2	20	5	179	7.60	25	2	ND	2	12	1	2	2	133	.16	.05	6	58	.19	30	.31	2	7.06	.01	.01	2	5
5S 4+50W	3	56	5	26	.3	15	1	134	8.46	28	2	ND	2	10	1	2	2	179	.12	.06	6	37	.10	41	.50	2	3.30	.02	.02	3	5
5S 4+25W	2	57	3	33	.5	14	2	119	6.56	27	2	ND	2	8	1	4	2	137	.13	.04	6	44	.13	20	.32	2	4.12	.01	.01	2	5
5S 4W	2	55	2	32	.2	13	2	115	6.18	21	2	ND	2	11	1	2	2	130	.16	.05	5	39	.13	24	.30	2	3.55	.01	.01	2	5
5S 3+75W	3	56	6	30	.4	14	2	124	7.08	21	2	ND	2	11	1	2	2	146	.14	.05	5	40	.12	26	.35	2	3.25	.01	.01	2	5
5S 3+50W	3	155	15	124	.3	33	24	613	8.98	53	2	ND	2	45	1	2	2	117	.71	.10	5	40	.57	25	.13	2	4.28	.04	.01	2	5
5S 3+25W	1	41	3	25	.2	9	2	189	5.00	17	6	ND	2	8	1	2	2	96	.19	.04	2	30	.17	12	.21	2	6.48	.02	.01	2	5
5S 3W	2	103	8	59	.2	26	32	2618	5.96	45	2	ND	2	30	1	2	2	87	1.05	.09	3	20	.31	19	.10	2	4.08	.02	.02	2	5
5S 2+75W	1	87	7	38	.1	17	16	860	5.18	19	5	ND	2	26	1	2	2	91	.45	.06	5	22	.37	16	.16	2	4.91	.02	.02	2	5
5S 2+50W	1	54	7	24	.2	15	6	318	6.73	23	2	ND	2	13	1	2	2	171	.31	.04	3	24	.30	16	.36	2	2.04	.02	.01	2	5
5S 2+25W	2	154	9	49	.3	32	37	1082	6.84	70	3	ND	2	27	1	2	2	106	.82	.11	7	32	.51	16	.10	2	6.25	.02	.01	2	5
5S 2W	2	141	8	51	.1	30	37	1353	6.32	74	3	ND	2	32	1	2	2	103	.77	.11	7	35	.55	17	.11	2	6.57	.02	.02	2	5
5S 1+75W	4	40	4	32	.1	14	6	386	5.85	57	2	ND	2	18	1	2	2	145	.27	.05	4	42	.49	15	.28	2	6.13	.02	.01	2	5
5S 1+50W	5	54	6	65	.1	20	8	269	5.57	196	15	ND	2	60	1	2	2	130	1.00	.07	7	56	.64	15	.27	2	7.91	.01	.01	2	5
5S 1+25W	7	44	10	65	.4	26	16	1159	7.18	48	12	ND	2	26	1	2	2	169	.65	.04	6	49	.95	45	.19	2	4.20	.02	.03	2	5
5S 1W	5	74	9	89	.2	33	21	1172	5.66	57	4	ND	2	42	1	2	2	120	.60	.08	7	38	1.02	52	.17	2	5.25	.03	.03	2	5
5S 0+75W	7	38	6	44	.4	18	8	1200	6.48	98	2	ND	2	19	1	2	2	213	.50	.04	5	50	.61	26	.29	2	3.53	.02	.02	2	5
5S 0+50W	5	47	6	55	.3	24	10	287	6.54	86	2	ND	2	13	1	2	2	134	.21	.05	4	55	.76	31	.20	2	6.69	.01	.03	2	5
5S 0+25W	5	57	6	71	.2	35	31	914	5.18	78	2	ND	2	25	1	2	2	109	.63	.10	7	51	.91	24	.16	2	7.97	.01	.02	2	5
5S 0W	5	58	5	71	.3	35	31	858	5.12	76	2	ND	2	25	1	2	2	106	.64	.11	8	57	.91	24	.15	4	6.10	.01	.03	2	5
STD A-1/AU 0.5	1	30	39	180	.3	36	10	1005	2.81	11	2	ND	2	36	1	2	2	57	.59	.11	8	74	.69	279	.08	8	2.08	.02	.21	2	540

APPENDIX "C"

CAL-DENVER RES   PROJECT # VALENTINE   FILE # 84-0206A

SAMPLE #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
UP-0	6	121	16	222	.4	53	41	2888	7.33	150	15	ND	2	23	3	6	2	144	.34	.12	13	67	.97	26	.16	2	5.81	.01	.02	2	5
UP-1	5	78	5	52	.2	21	21	861	6.41	44	2	ND	2	9	1	3	2	130	.25	.10	7	55	.36	13	.28	3	6.28	.01	.01	2	5
UP-2	17	126	11	53	.4	21	26	668	9.24	50	2	ND	2	10	1	4	2	159	.23	.09	8	46	.40	17	.38	2	5.82	.01	.01	2	5
UP-3	35	90	15	48	.1	17	11	543	14.19	53	2	ND	2	14	1	2	2	160	.34	.08	6	31	.18	16	.52	2	2.69	.01	.01	3	5
UP-4	69	54	6	26	.1	12	5	298	12.35	42	2	ND	2	12	1	2	2	170	.57	.09	12	64	.15	18	.44	2	1.67	.01	.02	3	5
UP-5	24	229	12	112	.2	27	77	1176	9.20	73	2	ND	2	32	1	2	2	88	1.18	.11	7	20	.56	28	.12	4	2.82	.03	.03	2	5
UP-6	26	251	13	93	.4	24	98	1610	10.00	84	2	ND	2	27	1	2	2	94	.55	.14	8	23	.54	32	.10	2	3.58	.03	.02	2	5
UP-7	8	44	7	20	.1	15	11	404	3.85	73	2	ND	2	11	1	2	2	118	.17	.07	4	23	.28	18	.18	2	2.39	.02	.01	2	5
UP-8	4	54	8	37	.2	22	27	1225	5.47	28	2	ND	2	32	1	4	2	144	.37	.16	4	31	.73	24	.07	3	2.50	.02	.02	2	5
UP-9	3	29	2	17	.1	12	7	260	2.97	19	2	ND	2	28	1	2	2	104	.52	.07	2	22	.28	18	.11	3	1.16	.02	.01	2	5
UP-10	1	33	8	38	.1	22	6	418	6.51	21	2	ND	2	9	1	2	2	241	.41	.06	4	44	.83	13	.53	2	3.66	.02	.01	2	5
UP-11	2	21	4	18	.3	14	4	206	9.05	14	2	ND	2	9	1	3	2	212	.26	.07	3	40	.22	8	.45	2	2.38	.01	.02	3	5
UP-12	8	29	7	21	.2	12	9	655	7.24	52	2	ND	2	15	1	2	2	197	.42	.07	3	31	.20	11	.30	2	1.60	.02	.01	2	5
UP-13	3	18	4	26	.2	15	11	1527	4.93	8	2	ND	2	25	1	6	2	149	.62	.05	45	35	.38	25	.28	3	1.56	.03	.02	2	5
UP-14	2	11	3	9	.1	8	3	110	1.07	3	2	ND	2	16	1	3	2	55	.22	.04	2	16	.06	17	.06	4	.62	.02	.02	2	5
UP-15 10X	1	5	1	3	.1	2	1	22	.49	7	2	ND	2	2	1	2	2	12	.09	.02	2	1	.03	2	.02	2	.15	.01	.01	2	5
UP-16	5	73	5	42	.1	19	37	1158	4.72	46	2	ND	2	25	1	2	2	78	1.21	.13	4	22	.47	22	.07	4	2.39	.04	.04	2	5
UP-17	7	96	6	51	.2	25	52	1212	5.08	60	2	ND	2	21	1	3	2	85	.86	.14	6	21	.53	21	.07	5	2.93	.02	.02	2	5
UP-18	4	45	6	28	.3	16	8	507	8.96	48	2	ND	2	11	1	2	2	131	.34	.08	5	39	.33	11	.26	2	3.77	.01	.01	2	5
UP-19	4	69	5	28	.4	15	7	256	8.62	42	2	ND	2	13	1	2	2	136	.31	.08	3	37	.27	12	.28	2	3.73	.01	.02	2	5
UP-20	2	85	4	71	.1	28	27	1957	4.92	43	11	ND	2	39	1	2	2	88	1.78	.13	4	43	.62	37	.14	5	3.05	.05	.04	2	5
UP-21	5	125	9	65	.1	32	35	3500	6.79	332	28	ND	2	39	1	2	2	121	1.74	.12	5	68	.62	29	.12	4	3.98	.02	.03	2	5
UP-22	2	113	8	18	.2	15	10	391	11.87	25	2	ND	2	14	1	2	2	101	.49	.08	4	40	.31	23	.21	2	2.76	.03	.05	3	5
UP-23	3	86	7	77	.1	26	21	3378	6.39	103	14	ND	2	20	1	2	2	151	.70	.11	6	70	.65	30	.21	3	4.69	.02	.02	2	5
UP-24	4	136	7	78	.2	22	45	3433	5.64	147	13	ND	2	18	1	2	4	107	.67	.15	7	62	.40	26	.10	3	5.51	.02	.02	2	5
UP-25	5	115	4	58	.2	26	44	1313	7.57	38	2	ND	2	28	1	2	2	99	.92	.12	5	30	.60	31	.12	4	3.04	.02	.02	2	5
UP-26	5	193	5	68	.1	36	45	868	6.34	58	2	ND	2	18	1	2	2	102	.44	.12	9	34	.55	20	.19	3	6.39	.02	.01	2	5
UP-27	3	57	1	15	.1	12	11	263	4.26	23	2	ND	2	9	1	2	2	130	.23	.05	2	9	.16	11	.25	3	.85	.02	.02	2	5
UP-28	10	47	5	18	.3	12	12	614	7.24	23	2	ND	2	23	1	2	2	134	.34	.09	4	19	.17	11	.25	4	1.82	.02	.02	2	5
UP-29	5	21	5	19	.2	12	6	276	6.29	12	2	ND	2	17	1	2	2	113	.27	.07	3	14	.20	15	.26	4	1.66	.02	.02	2	5
UP-30	8	47	7	22	.2	12	10	275	5.78	22	2	ND	2	15	1	2	2	131	.33	.09	5	23	.20	15	.14	4	2.09	.01	.01	2	5
UP-31	10	163	9	55	.3	29	85	2207	6.85	73	2	ND	2	25	1	2	2	101	.67	.17	8	25	.47	22	.06	4	3.58	.02	.01	2	5
UP-32	5	24	5	14	.7	14	3	177	9.63	28	2	ND	2	8	1	2	2	324	.17	.05	4	58	.14	8	.71	2	1.83	.02	.01	3	5
UP-33	2	17	9	20	.1	13	8	966	3.66	6	2	ND	2	14	1	2	2	111	.35	.08	3	29	.30	22	.17	3	1.34	.02	.02	2	5
UP-34	6	29	7	53	.3	13	33	3368	5.88	31	2	ND	2	24	1	2	2	154	.80	.13	5	44	.19	25	.14	4	3.20	.02	.01	2	5
UP-35	8	74	7	70	.2	20	53	2264	4.88	66	2	ND	2	31	1	2	2	91	1.45	.13	5	24	.30	28	.08	6	3.18	.02	.02	2	5
UP-36	7	43	5	18	.2	11	9	493	9.60	14	2	ND	2	9	1	2	2	124	.53	.11	3	42	.10	7	.24	2	3.46	.01	.01	2	5
STD A-1/AU 0.5	1	30	39	180	.3	37	12	1011	2.83	10	2	ND	2	36	1	2	2	57	.59	.12	8	75	.70	283	.09	9	2.00	.02	.20	2	510

APPENDIX "C"

CAL-DENVER RES PROJECT # VALENTINE FILE # 84-0206A

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
UP-37	1	40	11	21	.3	17	10	370	12.11	18	2	ND	2	19	1	2	4	226	.45	.12	2	40	.33	13	.34	2	2.30	.02	.04	2	5
UP-38	6	16	8	14	.3	9	3	357	11.75	30	2	ND	2	16	1	2	3	296	1.03	.06	2	35	.07	8	.56	2	1.75	.01	.02	2	5
UP-39	1	101	7	44	.4	29	20	570	6.44	20	2	ND	2	26	1	2	2	138	.70	.13	4	37	.57	16	.22	5	3.28	.01	.03	2	5
UP-40	25	95	12	41	.2	13	18	262	8.28	88	2	ND	2	16	1	4	2	139	.47	.12	7	21	.31	31	.14	2	2.73	.02	.03	2	5
UP-41	84	221	13	71	.3	20	57	879	10.59	105	2	ND	2	20	1	5	2	107	.60	.16	7	26	.39	30	.11	2	4.52	.02	.03	2	5
UP-42	23	183	16	101	.4	24	99	2253	9.66	77	2	ND	2	36	1	2	2	95	.86	.17	6	21	.48	29	.11	2	3.70	.03	.04	2	5
VAL-51	2	69	6	62	.3	29	17	652	4.66	28	2	ND	2	30	1	2	2	138	1.16	.08	3	71	1.92	18	.24	2	3.06	.04	.04	2	5
VAL-52	4	127	10	88	.3	34	39	1073	6.33	102	2	ND	2	50	1	2	2	134	1.25	.09	4	59	1.54	29	.20	2	3.91	.03	.03	2	5
VAL-53	2	200	9	49	.1	24	38	668	6.95	125	4	ND	2	40	1	2	2	62	2.08	.11	3	20	.69	35	.12	3	2.36	.07	.10	2	5
VAL-54	3	94	2	71	.4	34	24	974	5.35	55	2	ND	2	75	1	2	2	165	1.55	.08	4	79	2.15	23	.26	2	3.92	.04	.04	2	5
VAL-55	2	103	1	67	.5	40	33	1213	5.68	100	2	ND	2	41	1	2	2	166	1.60	.09	4	96	2.15	24	.26	3	4.46	.03	.03	2	5
VAL-56	3	94	6	66	.5	39	31	1198	6.09	97	2	ND	2	29	1	2	2	212	1.14	.09	3	87	2.24	25	.27	3	4.18	.03	.04	2	5
VAL-57	2	17	7	9	.2	7	2	111	7.48	24	2	ND	2	5	1	3	4	253	.10	.04	3	18	.15	17	.47	2	2.21	.01	.03	2	5
VAL-58	13	82	5	21	.1	10	138	2377	4.06	1399	2	ND	2	5	1	6	2	82	.06	.09	12	34	.05	18	.10	3	12.51	.01	.01	2	5
VAL-59	9	227	12	32	.2	16	18	334	13.67	195	2	ND	2	6	1	5	2	179	.13	.07	3	61	.32	16	.30	2	5.27	.01	.02	2	5
VAL-60	2	177	8	55	.1	26	34	739	7.31	49	7	ND	2	43	1	2	2	97	2.24	.11	3	37	1.13	37	.18	2	2.91	.07	.10	2	5
VAL-61	5	197	8	59	.1	27	48	672	6.46	117	5	ND	2	71	1	2	2	66	1.78	.13	4	26	.72	21	.15	3	2.94	.07	.04	2	5
VAL-62	11	336	12	54	.1	29	86	770	8.65	219	6	ND	2	38	1	2	2	66	2.05	.15	4	28	.60	28	.13	2	2.89	.05	.07	2	20
VAL-63	6	1053	17	30	.4	36	153	902	20.87	375	2	ND	2	31	2	2	2	121	.63	.20	2	11	1.01	18	.19	2	4.15	.01	.01	2	5
VAL-64	16	343	13	57	.1	28	75	678	8.55	214	10	ND	2	44	1	2	2	66	2.47	.14	4	29	.61	26	.15	3	3.16	.06	.07	2	15
VAL-65	14	130	10	126	.1	23	36	1637	7.38	38	3	ND	2	33	1	2	2	86	1.49	.15	8	26	.56	32	.14	3	2.70	.04	.05	2	5
VAL-66	3	77	8	56	.2	28	22	568	4.72	22	2	ND	2	54	1	2	2	143	1.44	.19	6	31	1.24	27	.15	3	2.60	.05	.04	2	5
VAL-67	1	132	9	51	.5	30	20	541	5.77	19	2	ND	2	40	1	2	2	243	1.32	.18	6	29	1.41	25	.16	2	2.55	.06	.03	2	5
VAL-68	4	102	10	62	.2	15	46	824	3.53	51	2	ND	2	34	2	4	2	81	1.31	.15	15	19	.41	26	.10	5	2.93	.02	.03	2	5
VAL-69	16	216	10	79	.2	22	52	765	7.28	51	2	ND	2	30	1	2	2	85	1.71	.12	6	18	.69	30	.15	3	2.78	.05	.06	2	5
VAL-70	13	171	6	80	.1	24	44	1505	7.21	30	2	ND	2	20	1	2	2	83	1.23	.13	5	22	.49	26	.16	2	3.83	.03	.03	2	5
VAL-71	8	151	12	86	.3	22	41	1747	7.87	31	6	ND	2	31	1	7	2	79	2.22	.14	5	30	.49	60	.12	2	3.34	.06	.12	2	5
VAL-72	2	84	8	63	.1	23	19	691	4.48	18	4	ND	2	53	1	2	2	57	2.09	.14	5	23	.76	52	.13	61	2.44	.05	.03	2	5
VAL-73	2	106	7	69	.2	33	29	702	5.16	31	6	ND	2	51	1	2	2	69	1.98	.13	4	26	.94	35	.14	82	2.57	.04	.02	2	5
VAL-74	2	142	5	24	.1	24	47	404	8.26	290	2	ND	2	16	1	2	2	85	1.15	.16	4	36	.17	10	.11	5	7.40	.01	.02	2	10
VAL-75	4	49	7	19	.2	11	8	301	4.38	134	2	ND	2	52	1	2	2	88	1.32	.10	4	34	.26	11	.15	5	4.38	.07	.02	2	5
VAL-76	4	100	8	36	.4	16	18	422	8.55	154	2	ND	2	17	1	2	2	132	.75	.11	6	55	.27	23	.18	2	6.23	.02	.03	2	5
VAL-77	1	71	5	157	.1	20	17	583	4.04	16	4	ND	2	34	1	2	2	61	2.22	.15	5	23	.75	18	.13	42	2.40	.04	.02	2	5
STD A-1/AU 0.5	1	30	38	183	.3	37	12	1019	2.79	11	2	ND	2	35	1	2	2	58	.60	.14	8	77	.69	280	.08	8	2.05	.02	.19	2	480

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:253-3158 TELEX:04-53124

DATE RECEIVED FEB 16 1984

DATE REPORTS MAILED Feb 21/84

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PRULVERIZED TO -100 MESH.
AG & AU BY FIRE ASSAY

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

CAL-DENVER RES. PROJECT # VALENTINE FILE # 84-0206B PAGE# 1

SAMPLE	AG OZ/TON	AU OZ/TON
VAL-84001	.04	.001
VAL-84002	.03	.015
VAL-84003	.01	.001
VAL-84004	.05	.082
VAL-84005	.01	.001
VAL-84006	.01	.001
RS-1	.01	.005
RS-2	.01	.001
RS-3	.01	.001
RS-4	.01	.001
RS-5	.01	.001
RS-6	.01	.001
RS-7	.01	.002
RS-8	.01	.001
RS-9	.01	.001
RS-10	.01	.001
RS-11	.01	.001
RS-12	.01	.001
RS-13	.01	.001
RS-14	.01	.001

How does an AtomComp work?

All the operator has to do is **introduce a** prepared liquid sample to the AtomComp. **Type** in a series of commands on the system's input/output device. **Read the** results printed out directly on the device.

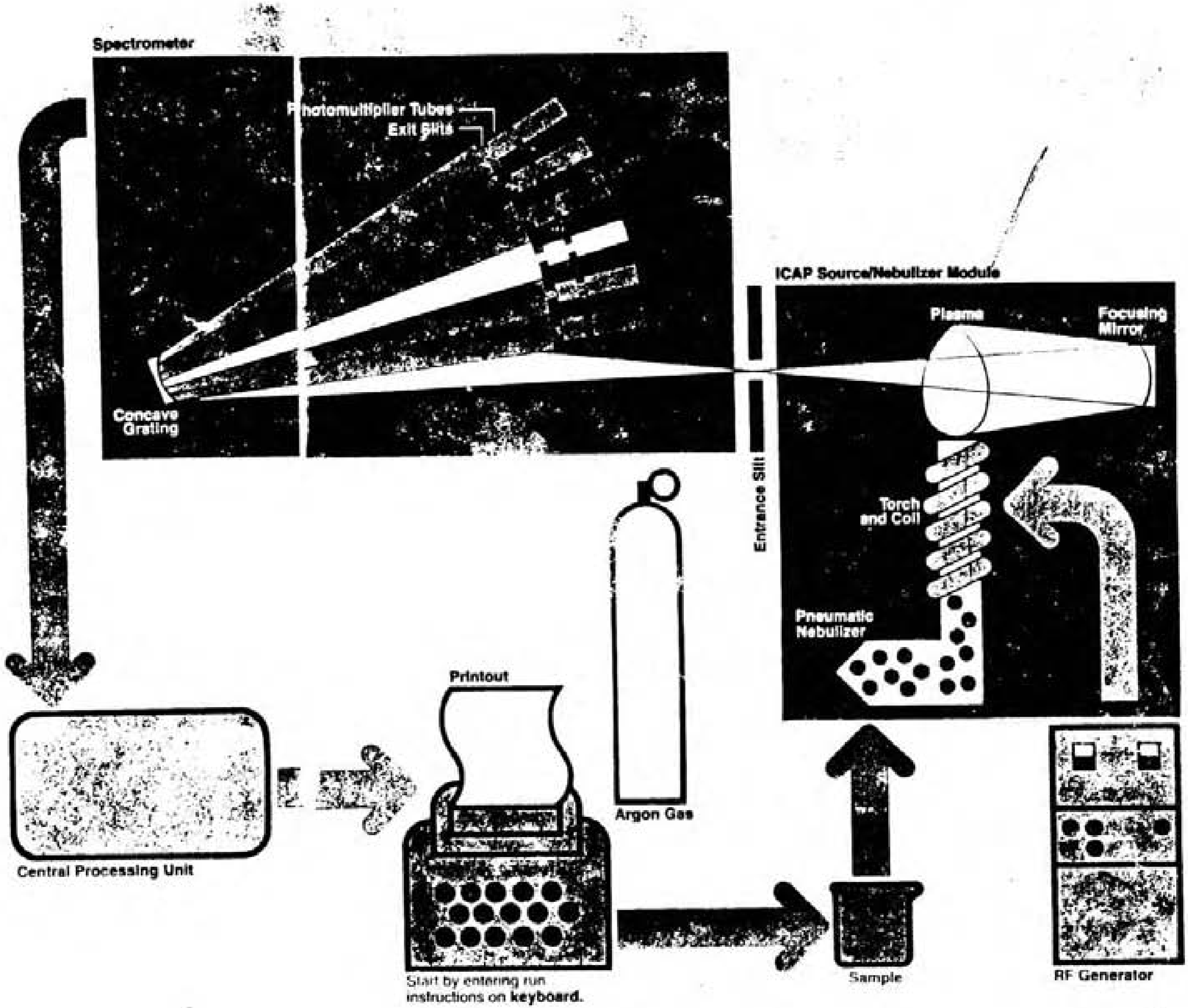
The Plasma AtomComp does the rest. (See diagram at right.) A powerful, precisely regulated radio frequency (RF) generator provides energy to a plasma torch and creates an RF magnetic field. A stream of argon gas, passing through the field, is partially ionized to become the plasma.

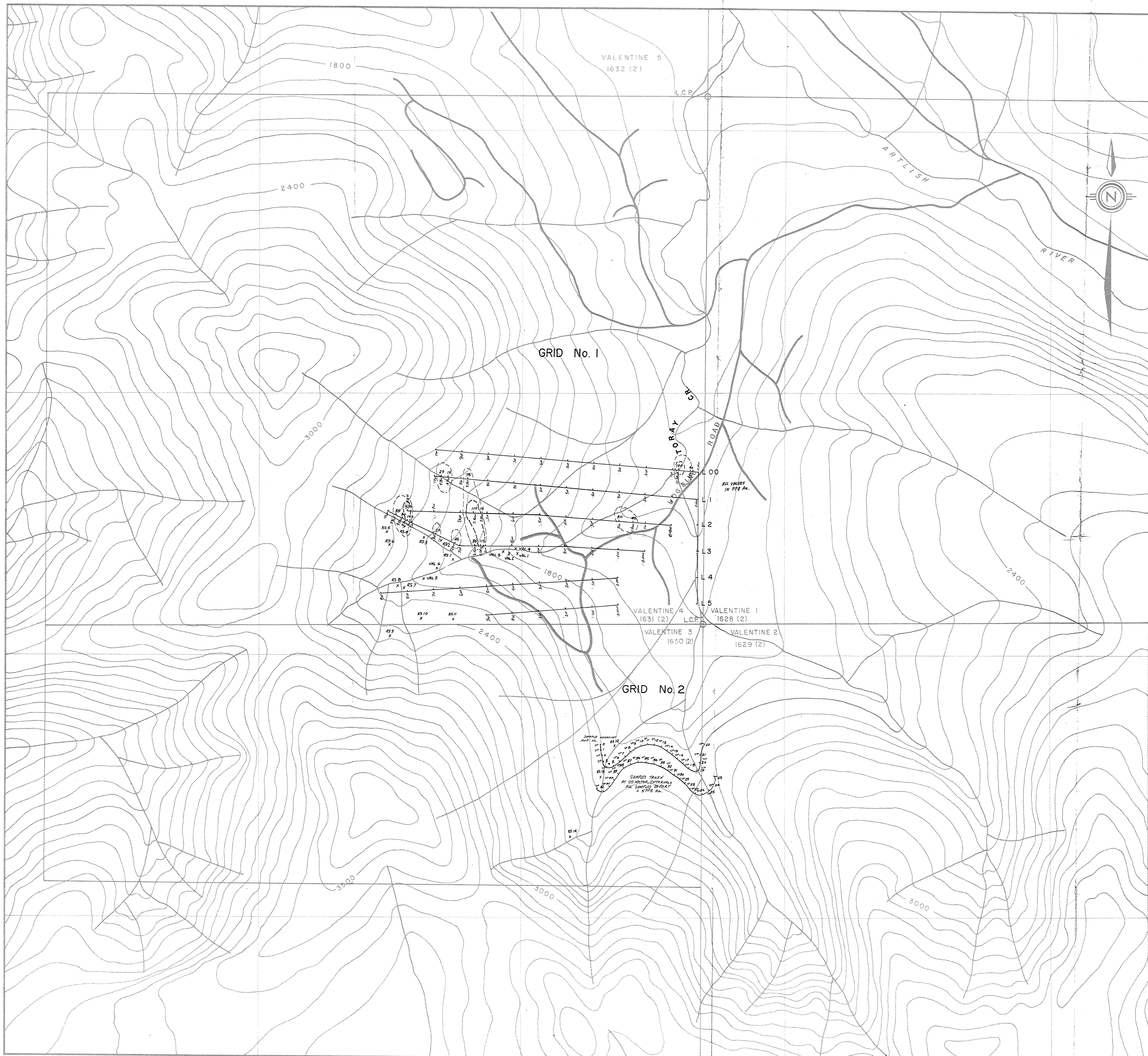
An extremely efficient nebulizer atomizes the sample. Argon gas carries the atomized sample into the plasma where it becomes dissociated to form neutral and excited atoms.

These atoms emit photons of radiant energy (light). A precisely aligned optical system collimates and directs this emitted light through an entrance slit onto a concave grating surface. The grating diffracts wavelengths of light to a series of exit slits precisely positioned along the spectrometer's focal curve.

Photomultiplier tubes behind these exit slits convert emitted light to electrical energy proportional to the intensity of the spectral lines.

A computer converts the signals into desired concentrations units (e.g., ppb or ppm) which can be read directly from the AtomComp's input/output terminal.





LEGEND

CONTOUR 2400

CREEK

GRID

SAMPLE LOCATION x RS 10

ROAD

GEOCHEMICAL CONTOUR 0-100 PPB Au. / 100-600 PPB Au.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

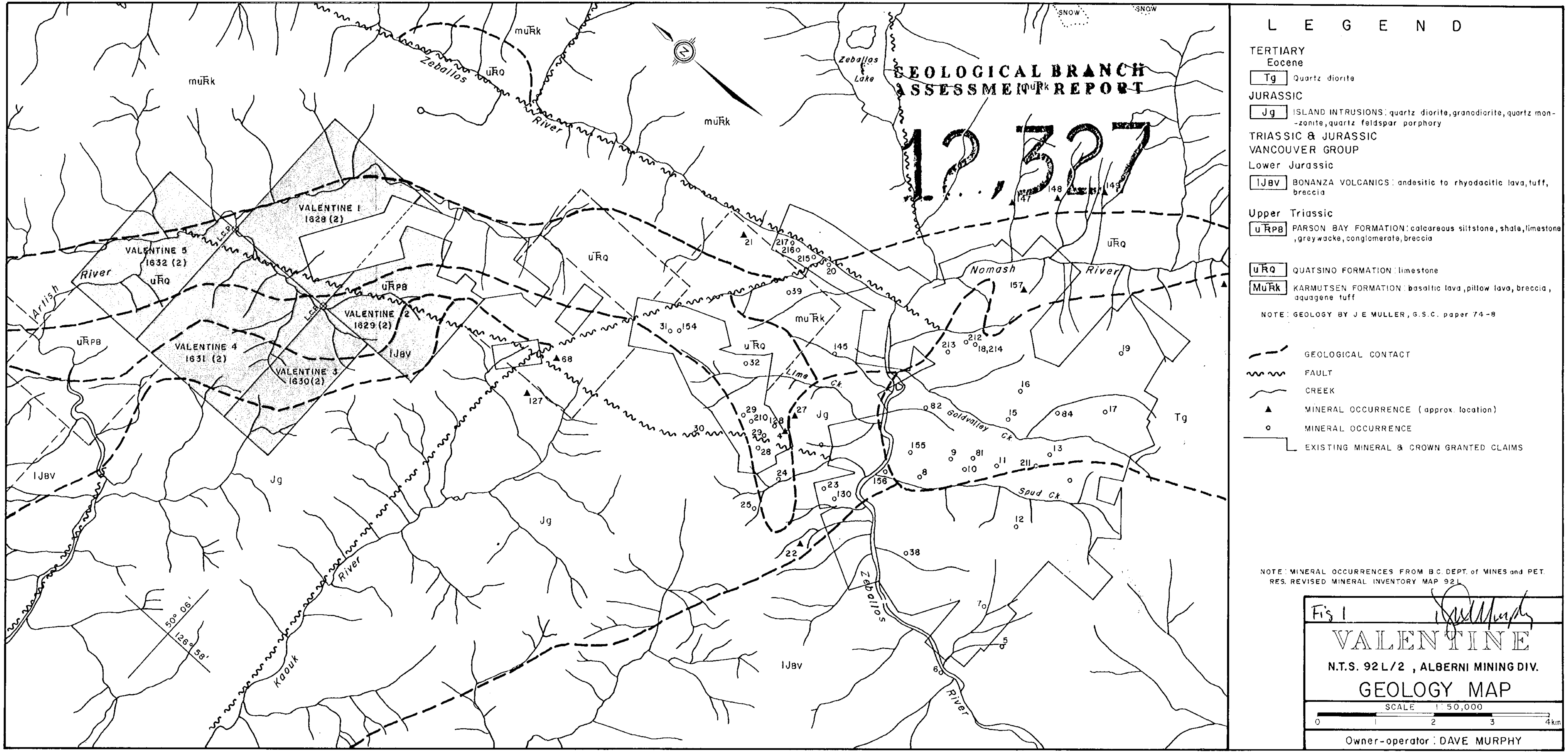
12,327

FIG. 3

VALENTINE
N.T.S. 92L/2, ALBERNI MINING DIV.
GEOCHEMISTRY SURVEY

SCALE 1:5,000
0 100 200 300 400 500 m.

Owner-operator: DAVE MURPHY | Drawn: D.W.


GEOLOGICAL BRANCH
ASSESSMENT REPORT
12,327
LEGEND
TERTIARY
Eocene
Tg Quartz diorite
JURASSIC
Jg ISLAND INTRUSIONS: quartz diorite, granodiorite, quartz monzonite, quartz feldspar porphory
TRIASSIC & JURASSIC
VANCOUVER GROUP
Lower Jurassic
lJBV BONANZA VOLCANICS: andesitic to rhyodacitic lava, tuff, breccia
Upper Triassic
uTRPB PARSON BAY FORMATION: calcareous siltstone, shale, limestone, greywacke, conglomerate, breccia
uTRQ QUATSINO FORMATION: limestone
MuTRk KARMUTSEN FORMATION: basaltic lava, pillow lava, breccia, aquagene tuff
NOTE: GEOLOGY BY J E MULLER, G.S.C. paper 74-8
GEOLOGICAL CONTACT
FAULT
CREEK
MINERAL OCCURRENCE (approx. location)
MINERAL OCCURRENCE
EXISTING MINERAL & CROWN GRANTED CLAIMS
NOTE: MINERAL OCCURRENCES FROM B.C. DEPT. of MINES and PET. RES. REVISED MINERAL INVENTORY MAP 92L
VALENTINE 1 1628 (2)
VALENTINE 2 1629 (2)
VALENTINE 3 1630 (2)
VALENTINE 4 1631 (2)
VALENTINE 5 1632 (2)
Zeballos River
Zeballos Lake
Nomash River
Artlish River
Kaouk River
Lime Ck.
Goldvalley Ck.
Spud Ck.
SNOW
50° 06'
126° 58'
Fig 1
VALENTINE
N.T.S. 92L/2, ALBERNI MINING DIV.
GEOLOGY MAP
SCALE 1:50,000
0 1 2 3 4km
Owner-operator: DAVE MURPHY