Big Valley Resources Inc.

REPORT

ON THE LLOYD-NORDIK PROJECT

(October 1, 1994 To April 30,1995)

CARIBOO MINING DIVISION, BRITISH COLUMBIA

NTS 93A/12

52½ 35′ north latitude

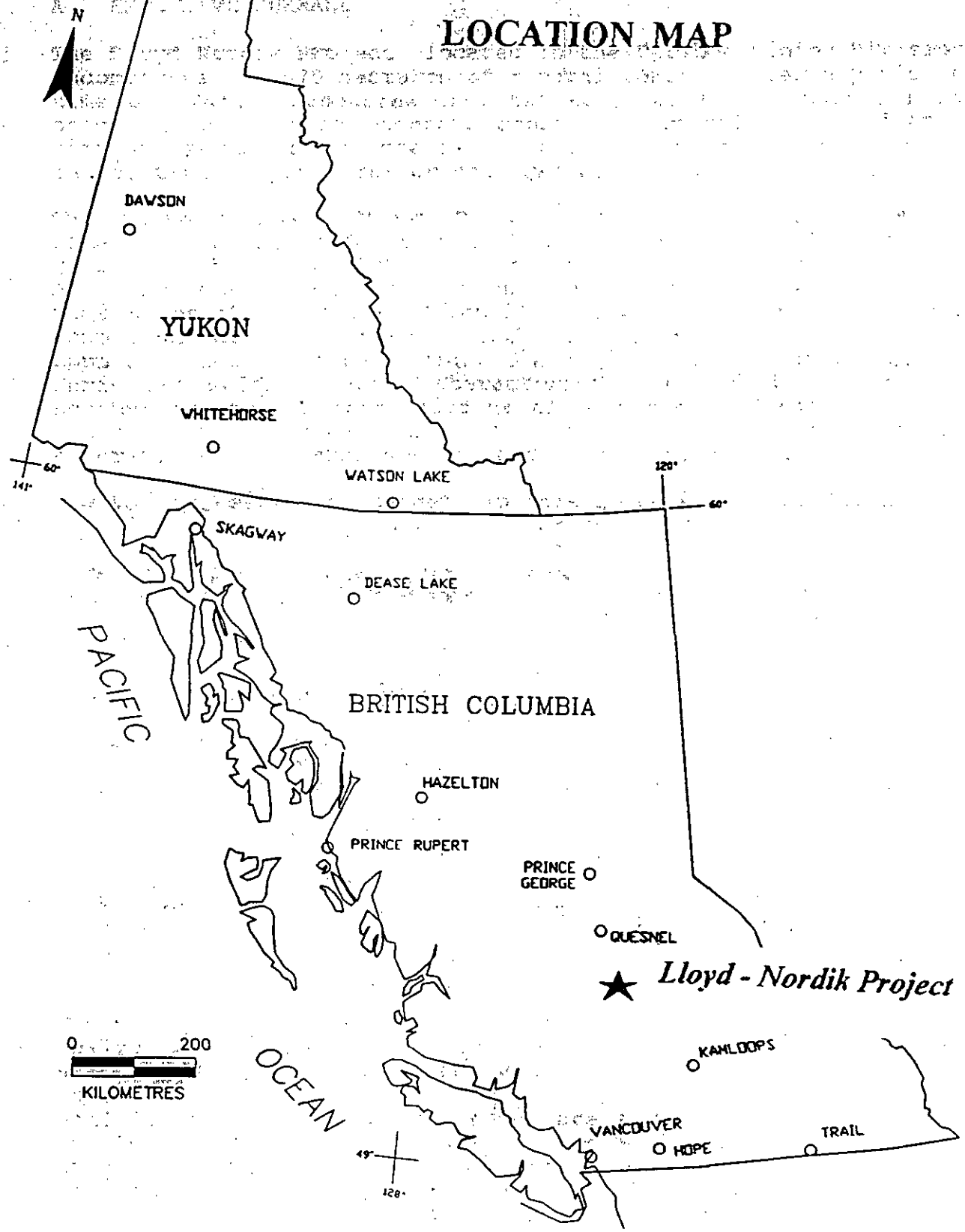
121½ 39′ west longitude

By

R.M. Durfeld, B.Sc., P.Geo.
DURFELD GEOLOGICAL MANAGEMENT LTD
P.O. Box 4438
Williams Lake, B.C.
V2G 2V5

November 1995

LOCATION MAP



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A.) PROJECT SUMMARY

The Lloyd-Nordik project is located in the Cariboo Mining Division, British Columbia, 57 kilometres northeast of the city of Williams Lake and 7 kilometres southwest of the community of Likely. The project covers some 10,875 hectares (26,872 acres) of mineral tenure, that was located according to the British Columbia Mineral Act (Figure 1). Over a period of time Big Valley Resources Inc. has acquired this project for its potential of hosting economic copper and/or gold mineralization similar to Imperial Metals' Mount Polley deposits, in the central project area or the 'QR' deposit to the north.

The Lloyd-Nordik property is linked to the city of Williams Lake by eighty-five kilometres of paved and all-weather gravel road. The infrastructure at Williams Lake and surrounding areas would support any development in the Lloyd-Nordik area. A reliable supply of water is readily available from Polley and/or Quesnel Lakes. There is adequate area on the Lloyd-Nordik property for mine-mill development and waste or tailings disposal. The compatibility of the area to mining is reaffirmed by the commencement of production at the QR deposit by Kinross Gold and Imperial Metals recently announced joint venture agreement with Bethlehem Resources to develop the Mount Polley Mine.

The Lloyd Nordik, 'Mount Polley' and 'QR' projects are all located on a geological feature known as the Quesnel Trough. The Quesnel Trough is a north northwesterly trending, Early Mesozoic Age volcanic-sedimentary belt that runs from the Canada-US border to most northern British Columbia. This belt hosts the porphyry copper and/or gold deposits of the alkalic suite, to name a few, Copper Mountain, Afton, Mount Polley, QR, Mount Milligan, Red Chris and Galore Creek. Characteristics common to all alkalic porphyries are: 1) localizations along regional structures, 2) a relationship to an alkalic intrusive centre, 3) hydrothermal

alteration and mineral zoning, and 4) magnetite enrichment.

Big Valley Resources' target in this large ground position is an alkalic copper-gold and/or an alkalic gold porphyry. Work by Imperial Metals and previous operators at Mount Polley has outlined an ore reserve of 51,402,000 tonnes grading 0.38% copper and 0.55 grams/tonne gold. The 'QR' deposit, owned by Kinross Gold , located 15 kilometres to the northwest, contains drill indicated reserves of 1,333,000 tons grading 4.7 grams gold/ton.

Regional features recognized at Mount Polley and the QR deposits are a strong positive aeromagnetic response with an alkalic stock that has intruded an alkaline volcanic and clastic sequence of Triassic to Jurassic Age.

Exploration by Big Valley Resources in the project area has been ongoing. Regional geological and magnetic surveys show the Mount Polley intrusions trending onto areas where the tenure is held by Big Valley Resources. Work refining these targets is at various stages at the Lloyd 2 Target, Lloyd 1 and Nordik 4 areas with initial diamond drilling in 1994 focused on the Lloyd 2 Target. This report documents expanded grid prepartation and magnetic surveys on both the Lloyd and Nordik claims and ongoing diamond drilling on the Lloyd 2 Targed. To date three areas (highlighted on Figure 3) are at various stages of evaluation and are discussed herein.

B.) PROPERTY DESCRIPTION

1) Location

The Lloyd-Nordik project is located (Figure 1) in the Cariboo Mining Division, British Columbia, 57 kilometres northeast of the city of Williams Lake and 7 kilometres southwest of the

community of Likely. More precisely, it is located at 52 degrees 35 minutes north latitude and 121 degrees 39 minutes west longitude. (National Topographic System Map 93A/6)

2) Access and Physiography

The Lloyd-Nordik property is readily accessible from Williams Lake B.C. via 85 kilometres of paved highway to the Morehead Lake, then 9 kilometres on the Morehead Forestry all-weather gravel road, from hence seasonal logging roads and trails bisect the property.

The Lloyd-Nordik property lies in the Quesnel Highland physiographic region of the central B.C. interior. This region is characterized by broad valleys and gently rolling hills with elevations on the property ranging from 3000 feet (914 metres) to 3900 feet (1189 metres) above sea level.

The Lloyd-Nordik property occurs in a moist vegetative zone dominated by combinations of coniferous (cedar-pine-spruce-fir) and deciduous (birch-poplar) forests with variable undergrowths of alder and devil's club. Logging both past and recent has improved the access and provided additional outcrop exposures.

3) Regional History (Likely - Mount Polley Area)

In 1859 placer gold was discovered at Quesnel Forks on the Quesnel River just to the northeast of the Lloyd-Nordik project. This discovery sparked the Cariboo gold rush which lasted for five years. Placer gold discoveries made during that rush resulted in an estimated 3 million ounces of placer gold being recovered from the Cariboo (Boyle 1979). The Quesnel River

system represents a portion of this value as it was subjected to extensive placer mining during that time. Hardrock prospecting and mining that was conducted in conjunction with the placer operations led to the discovery and production of 840,000 ounces of lode gold from the Cariboo Gold Quartz, Island Mountain and Cariboo-Hudson mines near the historic community of Barkerville. There is no record of lode gold production from the Lloyd-Nordik property, but past and recent placer mining activity is evidenced by extensive old workings and development in the area.

The Cariboo Bell porphyry copper-gold deposit, owned by Imperial Metals Corporation, at the centre of the project area, was discovered in 1964 during exploration of a prominent aeromagnetic anomaly. Exploration at the Cariboo Bell property has been ongoing since that time.

The discovery of the Cariboo-Bell deposit spurred exploration interest for additional porphyry copper deposits in this area of the Quesnel Trough. Exploration targets were defined by aeromagnetic anomalies associated with alkalic intrusive complexes.

In 1975, during the investigation of a similar aeromagnetic anomaly, Dome Mines Ltd and Newconex Holdings Ltd discovered the "QR" (Quesnel River) deposit. The "QR" deposit is located 15 kilometres northwest of Mount Polley and adjoins claims of the Lloyd-Nordik project on the north. Exploration by way of diamond drilling has defined a near surface gold reserve as of 1,333,000 tonnes averaging 4.7 gpt gold that is being developed by Kinross Gold.

The Lloyd-Nordik project represents mineral tenures that were acquired by Mr. Lloyd Tattersall for Big Valley Resources Inc. for their potential of hosting porphyry copper and/or gold deposits similar to the Mount Polley and QR deposits.

This report presents an overview of this large land holding while documenting recent diamond drilling that was conducted on the Lloyd mineral claims.

4) Program Objective and Program

The objective of this program was to further evaluate portions of the Lloyd Nordik project area by ground magnetic surveys and diamond drilling.

a) Ground Magnetic Survey

During the period September 1994 to February 1995, 59 kilometres of grid were established and read with a Scintrex total field magnetometer capable of storing the readings. The data was downloaded to a computer and the generated contour plots are given as figures 6-2 to 6-4.

b) Diamond Drill Program

During the period February 10th to April 30, 1995, 1258.8 meters (4,130 feet) of NQ were cored by Beaupre Diamond Drilling of Princeton on the Lloyd 2 mineral claim. To facilitate the diamond drilling, Beaupre supplied a Longyear Super38 diamond drill and John Deere 650 Cat and all other equipment necessary to recover NQ diamond drill core.

During the diamond drill program progress was monitored daily and all core was hauled to a warehouse in Williams Lake at Pine Valley Road. The core was laid out, logged and split in two metre sample intervals. All samples were sent to Eco Tech Laboratories Ltd. in Kamloops for analysis for gold and multi-element ICP. All samples containing greater than 1,000 ppb gold or 10,000 ppm copper were subject to assay techniques for copper or gold. The analytical results were merged with the drill log

data base and output in the drill logs and drill sections. The diamond drill core is stored at the warehouse in Wildwood.

C.) GEOPHYSICS

1) Aeromagnetic and Ground Magnetic Surveys

The Lloyd-Nordik project area is covered by Aeromagnetic Series Map 1533G that is the documentation of the aeromagnetic survey conducted by the Geological Survey of Canada in 1961. From this survey it is evident that the project area is located in a north-northwesterly trending strong magnetic high feature. The source for this feature is magnetite rich volcanic and intrusive rocks within the regional geological feature known as the Quesnel Trough. The local magnetic highs in the Quesnel Trough often correspond to the location of magnetite rich alkalic intrusions, which are targets for their potential of hosting alkalic porphyry copper and/or gold deposits. Numerous claim locations were initially spotted on magnetic highs which included among others the Cariboo-Bell, "QR" and properties in the Lloyd-Nordik project. The aeromagnetic response is of particular assistance in areas of extensive overburden.

Ground magnetic surveys provide a more detailed representation of the magnetic response and assist in the further definition of subtle magnetic features.

a) LLOYD 2 TARGET (Figure 6-2)

During the period December 1994 to January 1995, 22 kilometres of line grid and magnetic surveys were completed in the LLOYD 2 TARGET area. This survey was completed at a closer line (25 metres) and reading (10 metre) to refine the previously defined magnetic feature here. The grid was skewed to the northeast to cut the identified strong chargeability anomaly at right angles.

The results of this survey show greater detail in the magnetic variation, while reproducing the broader magnetic-high features. Diamond drill hole 12 tested one of these local magnetic-highs.

b) LLOYD 1 (Figure 6-3)

In January of this year 13 kilometres of line grid and magnetic surveys were completed. The magnetic-high features defined by this survey in the west central grid area will be subject to geological mapping, prospecting and geochemical sampling (rock and soil) to refine targets for trenching and diamond drilling.

c) NORDIK 4 (Figure 6-4)

In the southeast project area 24 kilometres of grid was established to evaluate the magnetic-highs and regionally mapped intrusives occurring in this area. The results of the ground magnetic survey showed numerous magnetic-high features warranting further evaluation.

The potential of these and additional targets hosting economic copper and/or gold mineralization will be evaluated by further geophysical (induced polarization, magnetometer), geochemical (rock and soil) and geological mapping surveys, followed by trenching, and diamond drilling.

D.) GEOCHEMISTRY

1) Drill Core Sampling

The drill core of the 1995 program was split and one half of the sample was sent to Echo Tech Laboratories Ltd in Kamloops for analyses in copper and gold by geochemical techniques. All results over 10,000 ppm copper and 1,000 ppb gold were checked by assay techniques. (Appendix III Listing of results and

techniques). These results were entered in a data base with the drill interval and geological description. From this data base drill sections and drill logs were generated (Figure 4b1 to 4b6, 5b1 to 5b6 and appendix IV).

E.) GEOLOGY

1.) Regional Geology

Geologically, the Lloyd-Nordik project is located in a structural feature known as the Quesnel Trough, a 30 kilometre wide, northwest-trending, Early Mesozoic Age volcanic-sedimentary belt of regional extent that is fault-bounded to the east by Precambrian to Paleozoic rocks of the Barkerville and Slide Mountain terrains and to the west by Paleozoic rocks of the Cache Creek terrain.

In the project area a belt of mafic and felsic volcanic rocks, comagmatic alkaline intrusions, and included sedimentary rocks make up the Quesnel Trough. The belt is somewhat symmetrical around a central axis of felsic volcanics that are in turn flanked on the east and west by mafic volcanics and sediments.

Locally within the trough intrusive rocks, in part coeval to the volcanics occur on crosscutting structures. The Mount Polley intrusions, representing one such centre, are of interest for their potential of hosting porphyry copper/gold mineralization.

2.) Lloyd Nordik Project Geology

Lithology

Regional geological mapping of the Quesnel Trough in the Mount Polley area (Figure 3) is largely taken from work recently completed by Dr. D. Bailey for the British Columbia Department of Mines. In the property area this mapping shows the basal

siltstone **1** outcropping on the flanks of the trough. Moving toward the centre this basal sedimentary sequence gives way to a thick sequence of mafic volcanic flows, breccias and intercalated sediments **2A to 2E** which in turn give way to a thick sequence of felsic breccia **3A to 3B** in which massive flows and compact monolithic tuff breccias predominate in the centre of the trough. These proximal rocks grade outward to more clastic varieties **3C**. A linear belt of alkalic stocks, **7 to 9** of syenite to granodiorite composition, mark the eruptive centres for the felsic rocks. These stocks intrude their felsic extrusives and commonly alter the surrounding rocks. Throughout the trough these alkalic stocks are the host for porphyry copper gold deposits of the alkalic suite, namely Copper Mountain, Afton, Mount Polley (in the centre of the project area), Mount Milligan, Red Chris. These stocks are also host to porphyry-style gold skarns, such as the "QR" deposit.

3.) Lloyd 2 Target Detailed Geology

In the Lloyd Target area the author further subdivides the lithologies for drill core logging to reflect local textural and compositional variations and alteration and mineralization.

Structural Geology

The stratigraphy of the Takla group in the Lloyd-Nordik area develops a regional north to northwesterly trend that is somewhat coincident with the Quesnel Trough. Structures cross-cutting this regional trend are seen on airphoto and aeromagnetic interpretations at all scales. These structures are a strong northeasterly airphoto linear that is also coincident with offsets in the magnetic data. The other main structural direction are east-west and north-south. Shear zones and breccias developed by the brittle nature of these faults are further modified as conduits for the hydrothermal fluids, ultimately being the host for the mineralization at both the

Mount Polley deposits and the Lloyd Target. It is a northeasterly trending breccia zone that is the core to the high grade mineralization at the Lloyd prospect.

Alteration

Hydrothermal alteration as secondary K-feldspar and biotite was noted in association with the intrusive activity. In the off cut stains of felsic volcanics it was difficult to differentiate the secondary k-spar from the primary K-feldspar phenocrysts and matrix. Out from this core of potassic enrichment variable epidote, chlorite and carbonate were recognized as propylitic alteration.

Mineralization

Pyrite, chalcopyrite and magnetite were noted in all the lithologies but were generally stronger in areas of hydrothermal alteration. Mineralization, as at Mount Polley, generally occurs disseminated on fine chloritic shears and as tectonic to solution breccia fillings.

F.) LLOYD 2 TARGET DIAMOND DRILLING

A compilation of work by previous operators defined an area of coincident magnetic-high and chargeability-high response which in a rotary diamond drill hole showed significant copper and gold mineralization. During the period April to June 1994, Beaupre Diamond Drilling completed2353 metres (7,722 feet) of NQ diamond drilling for Big Valley Resources on the Lloyd target. This drilling tested the 250 metre magnetic high portion of a 500 metre northeasterly trending chargeability structure.

This drilling showed the geophysical anomalies (induced polarization-chargeability and magnetic-high) to be in response

to magnetite, chalcopyrite, pyrite mineralization as vein and breccia fillings. The host rock is altered (secondary k-feldspar and biotite) volcanics and high level intrusive dykes. The geometry of the mineralization suggests a northeasterly trending steep dipping core, with replacements outward into favorable, sheared and altered horizons. Assay results showed significant intersections.

Hole #	From	To	Length	copper	gold	%copper
metres	ppm	ppb	equivalent			
94-01	79	115	36	904	131	0.18
147	162.8	15.8	2156	298	0.43	
94-02	58	88	30	2457	352	0.50
incl	60	79	19	3305	472	0.67
118	163	45	2740	348	0.52	
incl	130	156	26	4030	542	0.78
94-03	80	111	31	19480	1441	2.98
incl	83	103	20	25290	2005	3.82
94-04	6	192.3	186.3	3067	148	0.41
incl	10	76	66	5595	192	0.69
incl	60	70	10	22180	676	2.70
incl	160	184	24	7148	568	1.12
94-05	122	128	6	4275	435	0.55
94-06	7.6	51.6	44	1547	74	0.20
incl	19.6	29.6	10	3515	170	0.47
109	143	34	1580	51	0.20	
incl	109	116	7	2847	84	0.35
incl	130	142	12	1717	71	0.23

Hole #	From	To	Length	copper	gold	%copper
metres	ppm	ppb	equivalent			
94-07	29	41	12	1498	63	0.19
94-08	56	66	10	1250	37	0.15
122	134	12	2861	143	0.39	
94-09	70	80	10	3802	55	0.42
138	150	12	1182	39	0.15	
176	206	30	2311	182	0.36	
94-10	150	162	12	1434	56	0.20
94-11	98	202	104	2343	331	0.47
incl	98	130	32	5008	789	1.06
incl	186	202	16	4162	506	0.78

Additional diamond drilling was necessary to evaluate the geometry of this mineralization along strike and downdip on the chargeability structure.

1) 1995 Diamond Drilling

During the period February 15th to April 30th of this year nine additional (12 to 20) holes were collared and drilled in the Lloyd2 Target area. The diamond drill hole location are given as:

Drill Hole #	east	north	depth feet	depth metres	dip	azimuth
12	2745	5010	483	147.2	-50	145
13	2615	4900	400	121.9	-50	090

Drill Hole #	east	north	depth feet	depth metres	dip	azimuth
14	2842	5094	485	147.8	-70	090
15	2924	5200	535	163.1	-50	090
16	2985	5100	358	109.1	-70	090
17	2715	5100	496	151.2	-62	090
18	2500	5000	593	180.8	-60	090
19	2645	5100	494	150.6	-60	090
20	2965	5100	656	200.0	-70	090
TOTAL FOOTAGE			**4,500**	**1,371.6**		

The drill hole locations are plotted with the geology on the Lloyd 2 Target Drill Plan (Figure 5b-rev) and the respective sections (Figure 4b1 to 4b6 and 5b1 to 5b6). The detailed description and results for the diamond drilling are given in Appendices III (Analytical Techniques and Drill Core Results) and IV (Diamond Drill Logs). Since holes 94-8 thru 11 are at an angle to the other drilling and the east-west sections they occur on several sections.

The 1995 drilling tested the southwesterly continuation of the induced polarization chargeability structure with holes 12, 13 and 18.

Holes 14, 15, 16, 17 and 19 tested the west and east continuation of the copper mineralization on sections 5100 and 5200 North. Hole 20 the extent of the gold mineralization encountered in the bottom of drill hole 94-16.

2) Diamond Drill Results

Diamond drill holes 12 and 13 both cored altered volcanic flows and breccias that were cut by younger dykes. The chargeability anomaly in both instances is explained by extensive disseminated pyrite. No significant copper or gold values were encountered.

Diamond drill hole 14 cored a section of intermediate to felsic volcanics that are locally cut by latite feldspar porphyry dykes or sills. It is proximal to these dykes that the sulphide rich chloritic sections, in part magnetic and brecciated often carry copper and gold values. This was confirmed by the recent assay results of up to 3634 ppm copper and 135 ppb gold from 32 to 34 metres and 2073 ppm copper and 43 ppb gold from 66 to 74 metres. Additional sections of significant copper mineralization are expected in the breccia and altered zones.

As in drill hole 14, holes 15, 16, 17 and 19 cored sections of volcanic lithologies that are cut by younger latite porphyries. Locally, breccia zones near the contacts with these porphyryies are healed with magnetite, pyrite and chalcopyrite.

Holes 14, 15 and 16 have expanded this mineralization on section. A compilation of all the assay results of this program with the previous drilling will help to define the geometry of the mineralization in this zone. Additional holes are proposed to test the mineralized extent to the west of 14 and east of 16.

Diamond drill hole 20, collared between holes 4 and 16 did not intersect the strong gold mineralization reported in diamond drill hole 16.

G.) CONCLUSIONS

Diamond drilling on the Lloyd Target has shown a northeasterly trending mineralized structure coincident with a magnetic high, induced polarization chargeability-high. The mineralization appears to be controlled by 1) a steep dipping shear zone as the feeder system and 2) favorable stratigraphic horizons susceptible to alteration and mineralization. To date these controls have given significant intersections as previously highlighted. Of particular interest is the near surface higher grade mineralization seen in holes 94-04 and 94-06 (Figures 4b3 and 5b3). Surface trenching in conjunction with shallow diamond drilling would define the extent of this mineralization and possible controls, which in conjunction with drilling along strike and across sections would define the full potential of this zone.

The magnetic high features defined on the Lloyd and Nordik grids should be evaluated by induced polarization and soil geochemical surveys followed by diamond drilling.

H.) CLAIMS

The Lloyd-Nordik property consists of 271 modified grid units and 1 fractional mineral claims, covering some 6,775 contiguous hectares, that were located according to the British Columbia Mineral Act (Figure 2). The current status of these claims is summarized as:

CLAIM NAME	Number of Units	Record Number	Record Date
LLOYD 1	15	330557	Sept 8, 1994
LLOYD 2	20	6882	June 25, 1985
LLOYD 3	1	10429	Feb 9, 1990
LLOYD 4	Fr	10428	Feb 9, 1990
NORDIK 1	20	8891	Nov 10, 1987
NORDIK 2	20	8892	Nov 10, 1987
NORDIK 3	20	8893	Nov 10, 1987
NORDIK 4	16	8894	Nov 10, 1987
NORDIK 5	18	8895	Nov 10, 1987
NORDIK 6	14	326999	June 27, 1994
PAYDAY 1	12	9340	Sept 7, 1988
PAYDAY 2	12	9341	Sept 8, 1988
PAYDAY 3	9	9342	Sept 9, 1988
PAYDAY 4	12	10145	Sept 21, 1989
MT 1	15	319829	July 22, 1993
MT 2	15	319830	July 24, 1993
MT 3	9	319831	July 29, 1993
MT 4	15	319832	July 27, 1993
MT 5	8	319833	Aug 4, 1993
MT 6	20	319834	Aug 2, 1993

The diamond drilling described in this report was conducted on the Lloyd 2 mineral claim and the ground magnetic surveys were conducted on the Lloyd 1 and 2 and the Nordik 4 mineral claims.

APPENDIX I

COST BREAKDOWN OCTOBER 1, 1994 TO APRIL 30, 1995

GRID PREPARATION

J. Street 39 days @ $125.00	4,875.00
K. Tattersall 47 days @ $160.00	7,520.00
Truck Rental Including Fuel 47 days @ $40.00	1,880.00

GROUND MAGNETIC SURVEY

Magnetometer Rental	1,492.00
J.E.Wallis Operator 17 days @ $400.00	6,800.00

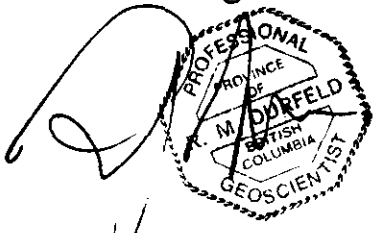
GEOLOGIST

R.M. Durfeld, B.Sc., P.Geo. - Data Compilation And Reporting 3 days - Property Boundary And Grid Correlation 4 days - Diamond Drill Hole Layout 4 days - Drill Supervision and core logging 21.5 days 32.5 days @ $400.00	13,000.00
T. Bains - Core Splitter 30 days 30 days @ $200.00	6,000.00
Secretarial	500.00

(OVER)

Truck Rental		
	40 days @ $50.00	*2,000.00*
DIAMOND DRILLING		
4500 Feet @ $15.25/foot (All Inclusive Drilling Rate)		68,625.00
Mobilization Crew And Equipment From Princeton		2,500.00
Tractor Time		
	56.13 hours @ $75.00/hour	4,209.75
SAMPLE SPLITTING AND TREATMENT		
Warehouse Rent		500.00
Hydraulic Core Splitter		400.00
Consumables		500.00
Analyses		
618 Samples @ $16.00/sample		9,888.00
TOTAL PROJECT COSTS		
SEPTEMBER 30 1994 TO APRIL 30 1995		**$ 130,689.75**

Dated at Williams Lake, British Columbia
this 4th day of December. 1995.



R.M. Durfeld, B.Sc. (Geologist)

DÜRFELD GEOLOGICAL
MANAGEMENT LTD.
APPENDIX II

CERTIFICATE OF QUALIFICATIONS

I Rudolf M. Durfeld, do hereby certify:

1.) That I am a geologist with offices at Williams Lake, B.C.

2.) That I am a graduate of the University of British Columbia, B.Sc. Geology 1972, and have practiced my profession with various mining and/or exploration companies and as an independent geological consultant since graduation.

3.) That I am registered as a Professional Geoscientist (P.Geo.) by the Association of Professional Engineers and Geoscientists of B.C. (No. 18,241).

4.) That this report is based on: - my personal knowledge of the property, compilation of old data and supervision of the program during the period October 1, 1994 to April 30, 1995.

Dated at Williams Lake, British Columbia
this 4th day of December. 1995.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. M. DURFELD
GEOSCIENTIST

R.M. Durfeld, B.Sc. (Geologist)

P.O. Box 4438 Station Main.
Williams Lake, B.C. V2G 2V5

Tel: 604/392-4691 • Cell: 604/398-0353 • Fax: 604 392-3070

APPENDIX III

ANALYTICAL TECHNIQUES AND DIAMOND DRILL CORE RESULTS

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

ECO-TECH LABORATORIES LTD.

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized.

A 0.5 gram sample is digested with aqua regia which contain beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

Analytical Procedure Assessment Report

BASE METAL ASSAYS (Ag,Cu,Pb,Zn)

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a prenumbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 ppm detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.

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Fax (604) 573-4557

Analytical Procedure Assessment Report

GEOCHEMICAL GOLD ANALYSIS

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

The sample is weighed to 10 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

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Fax (604) 573-4557

CERTIFICATE OF ANALYSIS ETK95-102

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. Box 4438 Stn. Main
WILLIAMS LAKE, BC
V2G 2V5

28-Feb-95

37 rock samples received February 23, 1995
PROJECT #: None Given
SHIPMENT #: None Given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	34910	<5	326
2	34911	5	245
3	34912	<5	280
4	34913	5	231
5	34914	5	172
6	34915	5	98
7	34916	10	276
8	34917	5	180
9	34918	10	273
10	34919	<5	216
11	34920	10	135
12	34921	5	120
13	34922	5	214
14	34923	10	189
15	34924	10	277
16	34925	5	476
17	34926	<5	339
18	34927	<5	360
19	34928	5	205
20	34929	5	206
21	34930	5	523
22	34931	10	358
23	34932	105	293
24	34933	70	264
25	34934	5	181

Frank J. Pezzotti, A.Sc.T. BC Certified Assayer

DURFELD GEOLOGICAL MANAGEMENT LTD. ETK95-102
Results Cont'd **28-Feb-95**

ET #.	Tag #	Au (ppb)	Cu (ppm)
26	34935	5	252
27	34936	35	106
28	34937	5	116
29	34938	10	168
30	34939	25	208
31	34940	40	169
32	34941	15	148
33	34942	<5	142
34	34943	<5	193
35	34944	5	190
36	34945	<5	159
37	34946	55	149

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CERTIFICATE OF ANALYSIS AK 95-110

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN. MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

10-Mar-95

ATTENTION: RUDI DURFELD

80 CORE samples received March 1, 1995
PROJECT: Not given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	34947	<5	228
2	34948	<5	162
3	34949	<5	189
4	34950	<5	185
5	34954	<5	161
6	34955	<5	120
7	34956	<5	122
8	34957	<5	193
9	34958	<5	189
10	34959	<5	210
11	34960	<5	196
12	34961	<5	190
13	34962	<5	148
14	34963	<5	159
15	34964	<5	175
16	34965	<5	190
17	34966	<5	193
18	34967	<5	188
19	34968	<5	204
20	34969	<5	207
21	34970	<5	179
22	34971	<5	189
23	34972	<5	202
24	34973	<5	192
25	34974	<5	215
26	34975	<5	220
27	34976	10	248

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-110 10-Mar-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
28	34977	<5	77
29	34978	<5	335
30	34979	<5	232
31	34980	<5	441
32	34981	<5	407
33	34982	<5	522
34	34983	<5	540
35	34984	<5	590
36	34985	<5	482
37	34986	<5	454
38	34987	5	645
39	34988	<5	629
40	34989	<5	555
41	34990	45	758
42	34991	5	747
43	34992	<5	615
44	34993	<5	644
45	34994	135	3634
46	34995	5	661
47	34996	<5	553
48	34997	5	660
49	34998	10	628
50	34999	5	309
51	35000	<5	366
52	134601	5	451
53	134602	5	400
54	134603	<5	619
55	134604	<5	876
56	134605	<5	606
57	134606	<5	387
58	134607	<5	548
59	134608	<5	263
60	134609	<5	281
61	134610	<5	227
62	134611	25	1689
63	134612	20	2154
64	134613	95	2938
65	134614	30	1512
66	134615	<5	215
67	134616	<5	196
68	134617	<5	193
69	134618	<5	139
70	134619	<5	601
71	134620	5	685
72	134621	20	1309
73	134622	10	1546
74	134623	5	845

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-110 10-Mar-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
75	134624	5	1134
76	134625	<5	795
77	134626	<5	276
78	134627	<5	433
79	134628	<5	265
80	134629	<5	345

QC DATA:

Resplits:

R/S40	34989	<5	560
R/S80	134629	<5	346

Repeats:

1	34947	<5	227
39	34988	<5	626
77	134626	<5	-

Standards:

GEOSTD	150	91
GEOSTD	145	91
GEOSTD	140	91

FEED FAX THIS END

FAX

To: Rudi
Dept.:
Fax No.:
No. of Pages: 3
From: Sandy
Date: Mar-10.
Company:
Fax No.:
Comments: as I said

Post-it fax pad 7983E

XLS/95Durfe

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B.C. Certified Assayer

CERTIFICATE OF ANALYSIS AK 95-125

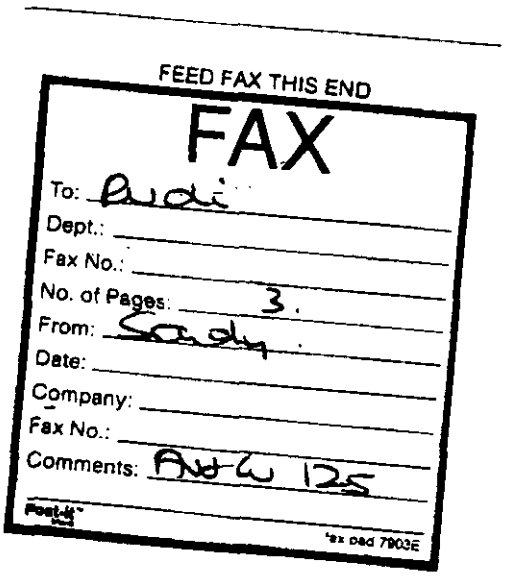
DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

15-Mar-95

ATTENTION: RUDI DURFELD

102 CORE samples received March 6, 1995
PROJECT #: Not given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	134630	<5	84
2	134631	<5	148
3	134632	<5	82
4	134633	<5	131
5	134634	<5	130
6	134635	50	1518
7	134636	75	2057
8	134637	55	1968
9	134638	90	2508
10	134639	<5	207
11	134640	<5	165
12	134641	<5	191
13	134642	<5	154
14	134643	<5	171
15	134644	<5	467
16	134645	165	3718
17	134646	10	227
18	134647	5	204
19	134648	<5	193
20	134649	<5	195
21	134650	5	126
22	134651	<5	103
23	134652	<5	131
24	134653	<5	378
25	134654	<5	467
26	134655	<5	501
27	134656	10	368



DURFELD GEOLOGICAL MANAGEMENT LTD. AK 96-125 15-Mar-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
28	134657	5	376
29	134658	5	459
30	134659	<5	511
31	134660	15	322
32	134661	5	139
33	134662	<5	81
34	134663	10	112
35	134664	<5	71
36	134665	<5	247
37	134666	15	316
38	134667	155	265
39	134668	<5	144
40	134669	<5	168
41	134670	*	127
42	134671	*	777
43	134672	*	1324
44	134673	*	791
45	134675	*	810
46	134676	*	2147
47	134677	*	720
48	134678	*	718
49	134679	*	606
50	134680	*	517
51	134681	*	562
52	134682	*	586
53	134683	*	278
54	134684	*	152
55	134685	*	200
56	134686	*	202
57	134687	*	192
58	134688	*	124
59	134689	*	99
60	134690	*	150
61	134691	*	602
62	134692	*	1288
63	134693	*	696
64	134694	*	516
65	134695	*	506
66	134696	*	491
67	134697	*	414
68	134698	*	591
69	134699	*	519
70	134700	*	494
71	134701	*	409
72	134702	*	483
73	134703	*	485
74	134704	*	510

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-125 15-Mar-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
75	134705	*	656
76	134706	*	566
77	134707	*	657
78	134708	*	450
79	134709	*	548
80	134710	*	809
81	134711	*	678
82	134712	*	554
83	134713	*	87
84	134714	*	137
85	134715	*	162
86	134716	*	164
87	134717	*	134
88	134718	*	135
89	134719	*	125
90	134720	*	165
91	134721	*	130
92	134722	*	2714
93	134723	*	5267
94	134724	*	6928
95	134725	*	8684
96	134726	*	5883
97	134727	*	1404
98	134728	*	1647
99	134729	*	75
100	134764	*	909
QC DATA:			
Resplits:			
RS 40	134669		170
RS 80	134710		807
Repeats:			
1	134630	<5	86
39	134668		146
77	134707		656
Standard:			
GEOSTD		155	91
GEOSTD			90
GEOSTD			91

Results to follow

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CERTIFICATE OF ANALYSIS AK 95-130

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

17-Mar-95

ATTENTION: RUDI DURFELD

52 core samples received March 9, 1995
PROJECT #: Not given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	134730	<5	276
2	134731	25	1267
3	134732	15	2018
4	134733	20	1979
5	134734	5	666
6	134735	<5	840
7	134736	10	1348
8	134737	20	3134
9	134738	35	2654
10	134739	95	4146
11	134740	45	2435
12	134741	35	1646
13	134742	45	2111
14	134743	15	537
15	134744	20	433
16	134745	10	485
17	134746	<5	541
18	134747	<5	445
19	134748	5	504
20	134749	15	483
21	134750	<5	339
22	134751	<5	378
23	134752	10	318
24	134753	<5	301
25	134754	<5	294
26	134755	<5	265
27	134756	<5	453

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-130 17-Mar-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
28	134757	165	3728
29	134758	10	758
30	134759	5	510
31	134760	10	446
32	134761	10	496
33	134762	5	540
34	134763	5	433
35	134764	20	923
36	134765	<5	161
37	134766	10	816
38	134767	15	1789
39	134768	10	1036
40	134769	20	748
41	134770	30	1345
42	134771	10	908
43	134772	15	1418
44	134773	5	823
45	134774	<5	558
46	134775	<5	676
47	134776	<5	694
48	134777	5	743
49	134778	<5	556
50	134779	5	539
51	134780	<5	192
52	134781	<5	217

QC DATA:

Repslit:

RS40	134769	5	747

Repeat:

1	134730	<5	275
39	134768	10	1035

Standard:

GEOSTD		145	89
GEOSTD		150	90

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CERTIFICATE OF ANALYSIS AK 95-169

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

31-Mar-95

ATTENTION: RUDI DURFELD

9 core samples received March 29, 1995
PROJECT #: Not given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	134821	<5	311
2	134822	<5	198
3	134823	<5	216
4	134824	<5	253
5	134825	<5	274
6	134826	<5	390
7	134827	<5	256
8	134828	<5	217
9	134829	<5	182

QC DATA:

Repeat:

1	134821	<5	310

Standard:

GEOSTD		145	90

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CERTIFICATE OF ASSAY AK 95-176

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN. MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

4-Apr-95

ATTENTION: RUDI DURFELD

49 CORE samples received March 28, 1995
PROJECT #:None Given

ET #.	Tag #	Au (g/t)	Au (oz/t)
18	00532	13.45	0.392

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CERTIFICATE OF ANALYSIS AK 95-176

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN. MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

3-Apr-95

ATTENTION: RUDI DURFELD

49 CORE samples received March 28, 1995
PROJECT #:None Given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	00515	5	557
2	00516	15	963
3	00517	35	1194
4	00518	15	727
5	00519	20	758
6	00520	10	698
7	00521	30	897
8	00522	45	1323
9	00523	105	2326
10	00524	35	1189
11	00525	5	278
12	00526	10	665
13	00527	5	202
14	00528	100	2536
15	00529	35	897
16	00530	<5	623
17	00531	35	924
18	00532	>1000	155
19	00533	95	1056
20	00534	50	217
21	00535	5	250
22	00536	30	252
23	00537	10	758
24	00538	10	831
25	00539	<5	280
26	00540	<5	254

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-176 3-Apr-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
27	00541	10	410
28	00542	<5	439
29	00543	50	1928
30	00544	495	6258
31	00545	5	420
32	00546	5	241
33	00547	10	397
34	00548	<5	301
35	00549	5	324
36	00550	<5	216
37	134782	<5	322
38	134783	<5	145
39	134784	<5	163
40	134785	<5	211
41	134786	<5	179
42	134787	5	161
43	134788	<5	222
44	134789	5	388
45	134791	<5	96
46	134792	5	135
47	134793	5	72
48	134794	<5	98
49	134795	<5	179

QC DATA:

Resplit:

RS40	134785	<5	212

Repeat:

1	00515	5	556
39	134784	<5	164

Standard:

GEOSTD	140	90
GEOSTD	150	88

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CERTIFICATE OF ANALYSIS AK 95-182

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN. MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

5-Apr-95

ATTENTION: RUDI DURFELD

54 CORE samples received March 30, 1995
PROJECT #:None Given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	134796	5	84
2	134797	5	128
3	134798	5	84
4	134799	10	30
5	134800	5	56
6	134801	<5	73
7	134802	<5	83
8	134803	5	1067
9	134804	<5	477
10	134805	<5	143
11	134806	5	190
12	134807	5	95
13	134808	5	427
14	134809	<5	254
15	134810	<5	147
16	134811	5	253
17	134812	5	176
18	134813	<5	264
19	134814	10	243
20	134815	<5	166
21	134816	<5	204
22	134817	<5	232
23	134818	<5	206
24	134819	<5	207
25	134820	10	198
26	134830	10	193

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-182 5-Apr-95

ET #.	Tag #	Au (g/t)	Cu (ppm)
27	134831	5	454
28	134832	15	774
29	134833	65	1368
30	134834	80	1235
31	134835	10	151
32	134836	15	412
33	134837	<5	358
34	134838	5	261
35	134839	.5	237
36	134840	<5	208
37	134841	<5	192
38	134842	<5	249
39	134843	5	196
40	134844	10	464
41	134845	105	1999
42	134846	45	1017
43	134847	5	245
44	134848	<5	227
45	134849	<5	408
46	134850	5	509
47	134851	10	279
48	134852	<5	338
49	134853	5	368
50	134854	5	258
51	134855	10	288
52	134856	55	216
53	134857	40	258
54	134858	20	263

QC DATA:

Resplit:

40	134844	10	466

Repeat:

1	134796	5	84
39	134843	5	194

Standard:

GEOSTD		150	91
GEOSTD		150	89

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CERTIFICATE OF ANALYSIS AK 95-183

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN. MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

6-Apr-95

ATTENTION: RUDI DURFELD

79 CORE samples received April 1, 1995
PROJECT #:None Given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	133859	<5	223
2	133860	<5	210
3	133861	<5	162
4	133862	<5	158
5	133863	<5	129
6	133864	5	124
7	133865	5	146
8	133866	<5	93
9	133867	<5	26
10	133868	<5	22
11	133869	<5	30
12	133870	<5	22
13	133871	<5	30
14	133872	<5	23
15	133873	<5	32
16	133874	<5	29
17	133875	<5	136
18	133876	<5	167
19	133877	<5	182
20	133878	<5	242
21	133879	<5	281
22	133880	<5	184
23	133881	<5	129
24	133882	<5	114
25	133883	<5	123
26	133884	5	113

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-183 6-Apr-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
27	133885	<5	202
28	133886	<5	194
29	133887	5	154
30	133888	<5	120
31	133889	<5	123
32	133890	<5	200
33	133891	<5	290
34	133892	<5	340
35	133893	<5	160
36	133894	<5	187
37	133895	<5	178
38	133896	<5	189
39	133897	<5	159
40	133898	<5	121
41	133899	5	122
42	133900	<5	115
43	138701	5	187
44	138702	<5	183
45	138703	<5	159
46	138704	45	186
47	138705	<5	257
48	138706	<5	246
49	138707	10	475
50	138708	<5	291
51	138709	<5	228
52	138710	5	380
53	138711	5	256
54	138712	<5	243
55	138713	<5	321
56	138714	5	366
57	138715	<5	385
58	138716	<5	558
59	138717	5	396
60	138718	5	395
61	138719	5	703
62	138720	<5	418
63	138721	<5	291
64	138722	<5	226
65	138723	<5	199
66	138724	60	396
67	138725	50	688
68	138726	40	410
69	138727	25	529

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-183 6-Apr-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
70	138728	40	436
71	138729	55	422
72	138730	70	2323
73	138731	40	1079
74	138732	25	949
75	138733	25	626
76	138734	20	522
77	138735	25	742
78	138736	15	595
79	133882 Dup (No tag)	5	120

QC DATA:

Resplit:

40	133898	<5	119
78	138736	20	590

Repeat:

1	133859	<5	224
39	133897	<5	161
77	138735	30	746

Standard:

GEOSTD	145	88
GEOSTD	150	89
GEOSTD	150	88

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B.C. Certified Assayer

XLS/95Durfeld

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10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ANALYSIS AK 95-193

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN. MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

11-Apr-95

ATTENTION: RUDI DURFELD

60 CORE samples received April 7, 1995
PROJECT #:None Given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	138737	30	949
2	138738	20	515
3	138739	20	735
4	138740	15	520
5	138741	425	4792
6	138742	30	797
7	138743	20	309
8	138744	55	1335
9	138745	15	274
10	138746	20	381
11	138747	30	1036
12	138748	30	885
13	138749	35	696
14	138750	15	525
15	138751	15	403
16	138752	10	408
17	138753	15	307
18	138754	10	218
19	138755	15	291
20	138756	10	245
21	138757	5	148
22	138758	10	214
23	138759	5	243
24	138760	10	212
25	138761	10	450
26	138762	10	212

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-193 11-Apr-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
27	138763	<5	110
28	138764	<5	149
29	138765	10	485
30	138766	15	264
31	138767	10	454
32	138768	<5	283
33	138769	<5	248
34	138770	<5	293
35	138771	10	298
36	138772	<5	246
37	138773	5	88
38	138774	<5	65
39	138775	<5	42
40	138776	<5	80
41	138777	<5	121
42	138778	<5	123
43	138779	<5	169
44	138780	<5	122
45	138781	<5	103
46	138782	<5	116
47	138783	<5	138
48	138784	<5	157
49	138785	5	123
50	138786	5	259
51	138787	<5	142
52	138788	<5	73
53	138789	<5	180
54	138790	5	165
55	138791	10	191
56	138792	<5	156
57	138793	<5	92
58	138794	<5	129
59	138795	<5	108
60	138796	<5	130

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-193 11-Apr-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
QC DATA:			
Resplit:			
40	138776	<5	80
Repeat:			
1	138737	25	950
39	138775	<5	42
Standard:			
	GEOSTD	140	90
	GEOSTD	145	88

XLS/95Durfeld

per

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B.C. Certified Assayer

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Fax (604) 573-4557

CERTIFICATE OF ANALYSIS AK 95-216

DURFELD GEOLOGICAL MANAGEMENT LTD.
P.O. BOX 4438, STN. MAIN
WILLIAMS LAKE, B.C.
V2G 2V5

26-Apr-95

ATTENTION: RUDI DURFELD

96 Core samples received April 24, 1995
PROJECT #:None Given

ET #.	Tag #	Au (ppb)	Cu (ppm)
1	138797	5	101
2	138798	5	62
3	138799	5	63
4	138800	5	71
5	138801	5	95
6	138802	10	139
7	138803	10	380
8	138804	10	937
9	138805	20	622
10	138806	20	1403
11	138807	80	3588
12	138808	30	2033
13	138809	50	3164
14	138810	20	1289
15	138811	35	1766
16	138812	115	3584
17	138813	110	3912
18	138814	90	3598
19	138815	20	832
20	138816	5	635
21	138817	5	535
22	138818	10	302
23	138819	5	303
24	138820	5	130
25	138821	10	187
26	138822	5	256

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-216 26-Apr-95

ET #.	Tag.#	Au (ppb)	Cu (ppm)
27	138823	15	395
28	138824	15	445
29	138825	25	733
30	138826	35	1136
31	138827	20	472
32	138828	5	172
33	138829	10	295
34	138830	10	344
35	138831	15	307
36	138832	25	896
37	138833	25	331
38	138834	5	357
39	138835	5	273
40	138836	5	215
41	138837	5	143
42	138838	30	265
43	138839	10	252
44	138840	5	364
45	138841	10	285
46	138842	5	350
47	138843	10	376
48	138844	5	152
49	138845	10	745
50	138846	10	740
51	138847	45	1334
52	138848	15	1097
53	138849	30	1618
54	138850	10	833
55	138851	25	1214
56	138852	5	574
57	138853	5	404
58	138854	5	430
59	138855	25	1111
60	138856	55	2555
61	138857	10	1108
62	138858	10	519
63	138859	5	279
64	138860	5	262
65	138861	50	1694
66	138862	5	202
67	138863	5	328
68	138864	90	2456
69	138865	50	1778

DURFELD GEOLOGICAL MANAGEMENT LTD. AK 95-216 26-Apr-95

ET #.	Tag #	Au (ppb)	Cu (ppm)
70	138866	5	161
71	138867	15	236
72	138868	5	92
73	138869	30	1130
74	138870	10	234
75	138871	5	190
76	138872	10	130
77	138873	5	187
78	138874	5	104
79	138875	5	129
80	138876	5	526
81	138877	5	137
82	138878	5	212
83	138879	5	132
84	138880	5	100
85	138881	5	88
86	138882	5	114
87	138883	5	134
88	138884	5	210
89	138885	5	145
90	138886	5	115
91	138887	5	112
92	138888	5	114
93	138889	5	118
94	138890	5	101
95	138891	5	87
96	138892	5	88

QC DATA:

Resplit:

40	138836	5	212
80	138876	5	518

Repeat:

1	138797	5	100
39	138835	5	274
77	138873	5	186

Standard:

GEOSTD	145	88
GEOSTD	145	90
GEOSTD	145	90

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APPENDIX IV

DIAMOND DRILL LOGS AND GEO CODES

GEO CODES

ALT	altered
AND	andesite
BX	breccia
CARB	carbonate
CS	coarse
CA	calcite
CHL,CH	chlorite
CPY	chalcopyrite
CROW,CR	crowded
DY,DYKE	dyke
EOH	end of hole
F	fracture
FEL	felsic
FN	fine
FP	feldspar porphyry
K	potassic, k-spar
LA,L	latite
MAG	magnetite
MEG,M	megacryst
MF	mafic
MONZ	monzonite
MTX	matrix
MYLONITE	mylonite
PH,P	porphyry
PYX	pyroxene
QTZ,QT	quartz
S	sheared
SE,SER	sericite
SHEAR,SHEA	shear
TF	tuff
TRA,TRAC	trachyte
THIN	thin section
(TS)	thin section
VN	vein
VES	vesicular
XL	crystal

DRILL HOLE ASSAY REPORT

10-Mar-95

Hole ID	Easting	Northing	Elev	Length	Comment
12	2745	5010	1055		

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1		2.7OB	0-2.7 OVERBURDEN (9 feet cased overburden and bedrock)		
34910	2.7	4AND	2.74-22 ANDESITE	5	326
1	4	6	-fine grained volcanic with anhedral equigranular felsic and		
34911	6	8	mafic fragments in a chloritic matrix	5	245
1			-non magnetic, fine dis py throughout		
34912	10	12	-included sections of FP 4-8, 8-9, 20-22	5	280
1					
34913	14	16		5	231
1					
34914	18	20		5	172
1		AND			
34915	22	24MONZ	22-24 MONZONITE	5	98
1		AND	-mafic dyke on chlorite calcite healed shear @90 to CA		
34916	26	28AND	24-28.3 ANDESITE (as above)	10	276
1		FPMEG	- non magnetic, fine dis py		
34917	30	32AND	28.3-29.5 FELDSPAR PORPHYRY WITH MEGACRYSTS (1.5 cm crystal)	5	180
1		FP	29.5-32 ANDESITE (as above)		
34918	34	36FP	32-36 LATITE FELDSPAR PORPHYRY	10	273
1		ANDFL	-matrix chlorite, pyrite, calcite, minor cpy		
34919	38	40	36-42.5 ANDESITE FLOW	5	216
1		ANDFL	-as above but with larger fragments.		
34920	42	44FPLAT	42.5-60.8 LATITE FELDSPAR PORPHYRY	10	135
1			-to 45 is megacryst and shows flow banding		
34921	46	48	-matrix chloritic, non magnetic with dis sulphides.	5	120
1					
34922	50	52		5	241
1					
34923	54	56		10	189
1					
34924	58	60FPLAT		10	277

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
12	2745	5010	1055		

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1		ANDFLBX	60.8-74.3 ANDESITE FLOW IN PART BRECCIA		
34925	62	64	-in part calcite healed	5	476
1			-70.5 becoming more leucocratic due to k-spar		
34926	66	68	-non magnetic, dis py	5	339
1					
34927	70	72		5	360
1		ANDFLBX			
34928	74	76LATFP	74.3-81.3 LATITE FELDSPAR PORPHYRY (strong k-spar)	5	205
1			-76-80 chlorite healed shear @ 40 to CA		
34929	78	80	-calcite veining @45 to CA	5	206
1		LATFP	-non magnetic, dis py		
34930	82	84TRAFLBX	81.3-101.8 TRACHYTE FLOW BRECCIA	5	523
1			-reddish brown due to stronger k-spar		
34931	86	88	-matrix felsic and chlorite with both felsic and chloritic	10	358
1			fragments		
34932	90	92	-calcite joints @45 to CA	105	293
1			-dis py throughout		
34933	94	96		70	264
1					
34934	98	100		5	181
1		TRAFLBX			
39935	102	104MAFDYKE	101.8-106 MAFIC DYKE	5	252
1		MAFDYKE	-calcite in matrix		
34936	106	108TRAFLBX	-black biotite xls	35	106
1			-very fine py.		
34937	110	112	106-147.2 TRACHYTE FLOW AND BRECCIA	5	116
1			-same as 81.3 to 101.8		
34938	114	116TRAFLBX	-strong k-spar	10	168
1		MONZ	-116-127 monzonite dyke, upper contact @50 to CA, vesicular		
34939	118	120	due to calcite xls, dis py.	25	208

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
12	2745	5010	1055		

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1					
34940	122	124		40	169
1		MONZ			
34941	126	128TRAFLBX		15	148
1					
34942	130	132		5	142
1					
34943	134	136		5	193
1					
34944	138	140		5	190
1					
34945	142	144		5	159
1	144	146			
34946	146	147.2TRAFLBX	147.2 Metres End of Hole (483 feet)	55	149

DRILL HOLE ASSAY REPORT

10-Mar-95

Hole ID	Easting	Northing	Elev	Length	Comment
13	2615	4900	1055		

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1		2.74OB	0-2.74 OVERBURDEN (9 feet of case overburden and bedrock)		
34947	2.74	4	2.74-8 FLOW BRECCIA DYKE? anhedral to subrounded biege fine	5	228
	4	6	felsic phenocrysts to 2 cm in a finer dioritic matrix.		
34948	6	8	- note fine black biotite throughout, magnetic	5	162
	8	10	8-14 COARSER FLOW BRECCIA coarser clasts with clasts of		
34949	10	12	feldspar porphyry / as above	5	189
	12	14			
34950	14	16	14-20 As FLOW BRECCIA 1.74-8	5	185
	16	18			
34954	18	20		5	161
	20	22	20-32 FLOW - TUFF? fine grained equigranular section		
34955	22	24	-24.7-26.5 vertical shear	5	120
	24	26			
34956	26	28		5	122
	28	30			
34957	30	32		5	193
	32	34	32-44 COARSER FLOW BRECCIA -as 8-14		
34958	34	36		5	189
	36	38			
34959	38	40		5	210
	40	42			
34960	42	44		5	196
	44	46	44-64 FLOW BRECCIA feldspar and mafic grains in mafic matrix		
34961	46	48	-44-45 calcite veins @30 to CA. Py throughout, larger anhed-	5	190
	48	50	ral k-spar fragments. Black fine biotite 2ndary, trace cpy		
34962	50	52	-48-64 section of larger k-spar and mafic fragments	5	148
	52	54	-56-64 calcite veins @30 to core axis.		
34963	54	56		5	159
	56	58	64-109 FELSIC FLOW BRECCIA - marked increase of large irreg-		
34964	58	60	ular felsic fragments in a more felsic matrix.	5	175

Hole ID	Easting	Northing	Elev	Length	Comment
13	2615	4900	1055		

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
	60	62	- py disseminated throughout, weak magnetic		
34965	62	64	- 82 short section of more felsic - due to k-spar with very	5	190
	64	66	fine fragments of quartz		
34966	66	68	-97 minor fine dis cpy with pyrite.	5	193
	68	70			
34967	70	72		5	188
	72	74			
34968	74	76		5	204
	76	78			
34969	78	80		5	207
	80	82			
34970	82	84		5	179
	84	86			
34971	86	88		5	189
	88	90			
34972	90	92		5	202
	92	94			
34973	94	96		5	192
	96	98			
34974	98	100		5	215
	100	102			
34975	102	104		5	220
	104	106			
34976	106	108		10	248
	108	110	109-112 *DIORITE DYKE - fine grained more mafic dyke with*		
34977	110	112	calcite on a shear zone @30 to CA.	5	77
	112	114	112-122 FELSIC FLOW BRECCIA AS ABOVE		
34978	114	116		5	335
	116	118			
34979	118	120		5	232

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
13	2615	4900	1055		

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
	120	122	END OF HOLE 122 metres (400 feet)		

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
14	2842	5094	1055	148	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
		4.7OB	0-4.7 OVERBURDEN (cased overburden and bedrock)		
34980	4.7	6AND/FLBX	4.7-73.5 FLOW BRECCIA / ANDESTIC IN COMPOSITION	5	441
34981	6	8	- comprised of larger more felsic irregular clasts in a	5	407
34982	8	10	finer chloritic felsic matrix	5	522
34983	10	12	- calcite veining 40 to CA @15, 11 @ 20, 50 to CA @ 61	5	540
34984	12	14	- weakly magnetic with minor dis sulphides throughout	5	590
34985	14	16	- fresh black biotite 2ndary?	5	482
34986	16	18	- 32-40 stronger py with cpy on joints and as disseminations	5	454
34987	18	20	- 34-37 mor equigranular fine xl, possibly a dyke.	5	645
34988	20	22	- 56.7 calcite/sulphide healed shear	5	629
34989	22	24	- 66-73.5 matrix is more mafic with sulphides, in part	5	555
34990	24	26	brecciated and moderately magnetic.	45	758
34991	26	28		5	747
34992	28	30		5	615
34993	30	32		5	644
34994	32	34		135	3634
34995	34	36		5	661
34996	36	38		5	553
34997	38	40		5	660
34998	40	42		10	628
34999	42	44		5	309
35000	44	46		5	366
134601	46	48		5	451
134602	48	50		5	400
134603	50	52		5	619
134604	52	54		5	676
134605	54	56		5	606
134606	56	58		5	387
134607	58	60		5	548
134608	60	62		5	263

Hole ID	Easting	Northing	Elev	Length	Comment
14	2842	5094	1055	148	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134609	62	64		5	281
134610	64	66		5	227
134611	66	68		25	1689
134612	68	70		20	2154
134613	70	72		95	2938
134614	72	74ANDFL/BX		30	1512
134615	74	76LAFP/FN	73.5-83 LATITE FINE FELDSPAR PORPHYRY	5	215
134616	76	78	- fine disseminated sulphides throughout/possible bornite	5	196
134617	78	80		5	193
134618	80	82LAFP/FN		5	139
134619	82	84BMPY	83-96.5 MAGNETIC MAFIC MATRIX BRECCIA	5	601
134620	84	86	- strong magnetite and sulphide mineralization.	5	685
134621	86	88		20	1309
134622	88	90		10	1546
134623	90	92		5	845
134624	92	94		5	1134
134625	94	96BMPY		5	795
134626	96	98LAFP	96.5-98.5 LATITE FELDSPAR PORPHYRY	5	276
134627	98	100AND	98.5-105 FINE GRAINED VOLCANIC (ANDESITE?)	5	433
134628	100	102	- some larger mafic clasts	5	265
134629	104	106AND	- fine sulphide, black biotite xls/ 2ndary?	5	345
134630	106	108LAFPFN	105-119 FINE LATITE FELDSPAR PORPHYRY	5	84
134631	108	110	- black biotite xls/ 2ndary	5	148
134632	110	112	- magnetite, pyrite and chalcopyrite disseminated.	5	82
134633	112	114		5	131
134652	114	116		5	131
134634	116	118LAFPFN		5	130
134635	118	120BMPYCPY	119-127 MAFIC MATRIX BRECCIA	50	1518
134636	120	122	- more chloritic healed breccia	75	2057
134637	122	124	- weakly magnetic pyrite, chalcopyrite and bornite.	55	1968

DRILL HOLE ASSAY REPORT

21-Mar-95

Hole ID	Easting	Northing	Elev	Length	Comment
14	2842	5094	1055	148	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134638	124	126BMPYCPY		90	207
134639	126	128LAFPFN	127-135 FINE LATITE FELDSPAR PORPHYRY (as above)	5	165
134640	128	130		5	191
134641	130	132		5	154
134642	132	134		5	171
134643	134	135LAFPFN		5	467
134644	135	136AND	135-141 MAFIC MATRIX VOLCANIC	5	3718
134645	136	137		165	227
134646	137	138		10	204
134647	138	140AND		5	193
134648	140	142LAFPFN	141-148 SHEARED LATITE FELDSPAR PORPHYRY	5	195
134649	142	144		5	126
134650	144	146		5	103
134651	146	148LAFPFN	148 Metres End of Hole (485 feet)	5	131
134651	146	148			

DRILL HOLE ASSAY REPORT

21-Mar-95

Hole ID	Easting	Northing	Elev	Length	Comment
15	2924	5200	1055	163	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1		1.21OB	0-1.21 OVERBURDEN (4 feet of cased overburden and bedrock)		
134653	1.21	4FELFLBX	1.21-16.6 FLOW COMPRISED OF FELSIC FRAGMENTS IN MORE	5	378
134654	4	6	CHLORITIC MATRIX	5	467
134655	6	8	- fine dis mag and trace mag.	5	501
134656	8	10		10	368
134657	10	12		5	376
134658	12	14		5	459
134659	14	16FELFLBX		5	511
134660	16	18MONZFN	16.6-21.6 FINE GRAINED MONZONITE DYKE	15	322
134661	18	20	- fresh biotite xls to 3mm	5	139
1	20	22MONZFN	-dis mag		
134662	22	24LATFPFN	-distinct calcite xls give vesicular texture.	5	81
1	24	26	-lower chilled contact @40 to CA		
134663	26	28	21.6-33 FINE FELDSPAR PORPHYRY (matrix supported)	10	112
1	28	30	-fine dis mag		
134664	30	32		5	71
134665	32	34LATFPFN		5	247
134666	34	36FELFLCHL	33-41 MAFIC MATRIX FLOW BRECCIA (felsic fragments)	15	316
134667	36	38	-fine sulphide , some cpy	155	265
134668	38	40		5	144
134669	40	42FELFLCHL		5	168
134670	42	44LATFPFN	41-45 FINE FELDSPAR PORPHYRY	5	127
134671	44	46LATFPFN		40	777
134672	46	48FELFL	45-69 FINE FELSIC FLOW CHLORITIC	80	1324
134673	48	50	-good cpy at 44,48 and 54	30	791
134674	50	52	-dis mag and fresh biotite xls	15	909
134675	52	54	-fine dark dyke @ 46m @50 to CA	30	810
134676	54	56	-54-69 more massive, with overprints of felsic laths, matrix	180	2147
134677	56	58	more felsic. sections with strong sulphides showing good cpy	5	720
134678	58	60		25	718

Hole ID	Easting	Northing	Elev	Length	Comment
15	2924	5200	1055	163	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134679	60	62		15	606
134680	62	64		5	517
134681	64	66		10	562
134682	66	68FELFL		15	586
134683	68	70MONZ	69-85 FINE GRAINED MONZONITE	5	278
134684	70	72	-magnetic, fine cpy, calcite healed shears	5	152
134685	72	74		10	200
134686	74	76		5	202
134687	76	78		5	192
134688	78	80		5	124
134689	80	82		5	99
134690	82	84		5	150
134691	84	86MONZ		25	602
134692	86	88FELBM	85-127.5 FINE BRECCIA OF FELSIC FRAGMENTS IN A CHLORITE	45	1288
139693	88	90	PYRITE MAGNETITE MATRIX.	5	696
134694	90	92	-mainly py minor cpy	5	516
134695	92	94	-86.5-88 calcite-chlorite healed shear @40 to CA	10	506
134696	94	96	-weakly magnetic.	20	491
134697	96	98		5	414
134698	98	100		5	591
134699	100	102		5	519
134700	102	104		25	494
134701	104	106		10	409
134702	106	108		5	483
134703	108	110		5	485
134704	110	112		5	510
134705	112	114		10	656
134706	114	116		10	566
134707	116	118		15	657
134708	118	120		5	450

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Hole ID	Easting	Northing	Elev	Length	Comment
15	2924	5200	1055	163	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134709	120	122		80	548
134710	122	124		45	809
134711	124	126		50	678
134712	126	128FELBM	127.5 lower contact @50 to CA	35	554
134713	128	130FEL	127.5-156 FINE FELSIC SECTION WITH FINE FELDSPAR PORPHYRY	5	87
134714	130	132	- strong dis py with some cpy	5	137
134715	132	134	- weak magnetic	10	162
134716	134	136		5	164
134717	136	138		5	134
134718	138	140		5	135
134719	140	142		5	125
134720	142	144		5	165
134721	144	146		5	130
134722	146	148		125	2714
134723	148	150		610	5267
134724	150	152	sheared lower contact	805	6928
134725	152	154	156-161 MAGNETITE PYRITE CHALCOPYRITE CHLORITE HEALED BRECIA	~~1060~~ 1210	8684
134726	154	156FEL	-as previous breccia but more cpy, strong magnetic	560	5883
134727	156	158BMCPY		210	1404
134728	158	160BMCPY	161-163 FINE FELDSPAR PORPHYRY (sheared with dis py and cpy)	220	1647
134729	160	163LATFPFN	163 Metres End of Hole (535 feet)	5	75

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Hole ID	Easting	Northing	Elev	Length	Comment
16	2985	5100	1055	108.9	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
		4.9OB	1-4.9 OVERBURDEN (16 feet of cased overburden and bedrock)		
134730	4.9	6TFFEL	4.9-10 FELSIC TUFF? /FLOW	5	276
134734	6	8	-anhedral to rounded fine felsic fragments to 3 cm and	5	666
134731	8	10TFFEL	lesser more mafic fragments in a fine felsic mafic matrix	25	1267
134735	10	12LAFPFN	- is a fragmental that may have formed as a tuff or a flow	5	840
134732	12	14TFFEL	- non magnetic	15	2018
134733	14	16	- beiging of feldspars due to potassic alt'n, chl on matrix	20	1979
134736	16	18	- dis py and cpy throughout	10	1348
134737	18	20TFFEL	10-12 LATITE FELDSPAR PORPHYRY - FINE matrix supported	20	3134
134738	20	22LAFP	12-18.5 FELSIC TUFF? /FLOW as above	35	2654
134739	22	24	18.5-29.5 LATITE FELDSPAR PORPHYRY	95	4146
134740	24	26	- milky anhedral fsp crystals from 2 to 5mm in a fine pink	45	2435
134741	26	28	to grey felsic matrix	35	1646
134742	28	30	- dis cpy, lesser py throughout, non magnetic	45	2111
134743	30	32LAFP	29.5 gradational contact	15	537
134744	32	34TFCHL	29.5-33.8 TUFF CHLORITIC MATRIX (may be flow)	20	433
134745	34	36TFFEL	- as above but more mafic matrix	10	485
134746	36	38TFFEL	- cpy of fine calcite healed joints @ 90 to CA, also fine	5	541
134747	38	40TFCHL	disseminated - should have good copper grade.	5	445
134747	38	40AND	33.8 definite contact @ 90 to CA	5	445
134748	40	42	33.8-38.1 TUFF FELSIC	5	504
134749	42	44	-included section of more felsic matrix due to potassic altn	15	483
134750	44	46	38.1 contact @ 70 to CA	5	339
134751	46	48	38.1-57 ANDESITE (fine flow/tuff)	5	378
134752	48	50	-fine mafic fragments in a mafic and felsic matrix	10	318
134753	50	52	-fine dis py and cpy, minor dis magnetite	5	301
134754	52	54	-fine calcite on joints	5	294
134755	54	56AND		5	265
134756	56	58TFFEL	57-74 TUFF FELSIC /IN PART FELDSPAR PORPHYRY	5	453
134757	58	60	- appears as felsic tuff with veined chloritic matrix	165	3728

Hole ID	Easting	Northing	Elev	Length	Comment
16	2985	5100	1055	108.9	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134758	60	62	- a fine anhedral feldspar overprint	10	758
134759	62	64	- felsic pinkish due to k-spar.	5	510
134760	64	66		10	446
134761	66	68		10	496
134762	68	70		5	540
134763	70	72		5	433
134764	72	74TFFEL	contact @ 60 to CA	20	923
134780	74	76MONZDYKE	74-79.3 MONZONITE DYKE	5	192
134765	76	78	-note included fine grained sub-rounded dioritic fragments	5	161
134781	78	80MONZDYKE	from 2mm to 2cm in a fine equigranular monzonitic matrix.	5	217
134766	80	82TFCHL	-vesicular texture due to calcite crystals.	10	816
134767	82	84	-fine dis py and cpy - note cpy on some calcite xls.	15	1789
134768	84	86	79.3 lower contact @ 70 to CA	10	1036
134769	86	88	79.3-97 FELSIC TUFF WITH CHLORITIC MATRIX	20	748
134770	88	90	-becoming more chloritic below 87 which corresponds to an	30	1345
134771	90	92	increase in cpy.	10	908
134772	92	94	-potassic alteration throughout.	15	1418
134773	94	96TFCHL	-dis py and cpy	5	823
134774	96	98MONZDYKE	97-107 FINE GRAINED MONZONITE DYKE	5	558
134776	98	100	-101-103 included felsic section	5	694
134777	100	102		5	743
134775	102	104	17-07-108.9 FELSIC TUFF WITH CHLORITIC MATRIX	5	676
134778	104	106	-calcite veining with minor magnetite	5	556
134779	106	108.9TFCHL	108.9 Metres (End of Hole 358 feet)	5	539
134779	106	108.9		5	539
134779	106	108.9		5	539
134774	96	98MONZDYKE	97-107 FINE GRAINED MONZONITE DYKE	5	558
134776	98	100	-101-103 included felsic section	5	694
134777	100	102		5	743
134775	102	104	17-07-108.9 FELSIC TUFF WITH CHLORITIC MATRIX	5	676

Hole ID	Easting	Northing	Elev	Length	Comment
16	2985	5100	1055	108.9	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134778	104	106	-calcite veining with minor magnetite	5	556
134779	106	108.9		5	539

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
17	2715	5100	1055	151.2	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1		4.90B	0-4.9 OVERBURDEN (16 feet of cased bedrock and overburden)		
534	4.9	7FPL	4.9-7.3 Feldspar porphyry latite	50	217
535	7	9TFFEL		5	250
536	9	11		30	252
537	11	13TFFEL	7.3-13.2 Felsic tuff	10	758
538	13	15FP		10	831
539	15	17		5	280
540	17	19FP	13.2-18.5 Feldspar porphyrh	5	254
541	19	21TFFEL		10	410
542	21	23		5	439
543	23	25		50	1928
544	25	27TFFEL	18.5-27.3 Felsic tuff	495	6258
545	27	29FP		5	420
546	29	31	analysis for MoS2	5	241
547	31	33	analysis for MoS2	10	397
548	33	35	analysis for MoS2	5	301
549	35	37		5	324
550	37	39		5	216
134782	39	41		5	322
134783	41	43		5	145
134784	43	45		5	163
134785	45	47	Included sections: TFFEL 47-47.5, 53-58.5	5	211
134786	47	49		5	179
134787	49	51		5	161
134788	51	53		5	222
134789	53	55		5	388
134790	55	57			
134791	57	59		5	96
134792	59	61		5	135
134793	61	63		5	72

Hole ID	Easting	Northing	Elev	Length	Comment
17	2715	5100	1055	151.2	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134794	63	65		5	98
134795	65	67FP	27.3-66 Feldspar porphyry	5	179
134796	67	69FNMONZ		5	84
134797	69	71FNMONZ	66-69.8 Fine grained dike	5	128
134798	71	73FNFEL	66-103 FINE GRAINED FELSIC.	5	84
134799	73	75	Variably textured felsic.	10	30
134800	75	77	Disseminated sulfides throughout	5	56
134801	77	79	Non magnetic	5	73
134802	79	81	Calcite veining at 90 and 60 deg to CA	5	83
134803	81	83		5	1067
134804	83	85		5	477
134805	85	87		5	143
134806	87	89		5	190
134807	89	91		5	95
134808	91	93FNFEL	69.8-93.3 Fine grained felsic	5	427
134809	93	95	Strong disseminated sulfide mineralization	5	254
134810	95	97		5	147
134811	97	99		5	253
134812	99	101		5	176
134813	101	103FNFEL		5	264
134814	103	105FP	103-119 FELDSPAR PORPHYRY	10	243
134815	105	107		5	166
134816	107	109		5	204
134817	109	111		5	232
134818	111	113		5	206
134819	113	115		5	207
134820	115	117		10	198
134830	117	119FP		10	193
134831	119	121FNFEL	119-123 FINE GRAINED FELSIC	5	454
134832	121	123		15	774

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
17	2715	5100	1055	151.2	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
134833	123	125FNFEL		65	1368
134834	125	127FELBX	123-133 FELSIC BRECCIA	80	1235
134835	127	129	Matrix of calcite chlorite with felsic fragments.	10	151
134836	129	131		15	412
134837	131	133FELBX		5	358
134838	133	135FNFEL	127-134.2 Fine grained felsic with minor feldspar porphyry	5	261
134839	135	137	133-134 Feldspar porphyry with interlayered chloritic secti-	5	237
134840	137	139FNFEL	on	5	208
134841	139	141FELBX	134.2-151.2	5	192
134842	141	143	Grade to fine felsic with more mafic matrix.	5	249
134843	143	145		5	196
134844	145	147		10	466
134845	147	149		105	1999
134846	149	151.2FELBX	151.2 EOH	45	1017

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Hole ID	Easting	Northing	Elev	Length	Comment
18	2500	5000	1055	180.8	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1		5.8OB	Overburden to 5.8 meters		
134821	5.8	8BXMONZ	5.8-63 Intermediate intrusive breccia	5	311
134822	8	10	Disseminated sulfides with variable chalcopyrite	5	198
134823	10	12	Non magnetic	5	216
134824	12	14		5	253
134825	14	16		5	274
134826	16	18		5	390
134827	18	20		5	256
134828	20	22		5	217
134829	22	24		5	182
134847	24	26		5	245
134848	26	28		5	227
134849	28	30		5	408
134850	30	32		5	509
133851	32	34		10	279
133852	34	36		5	338
133853	36	38	38.7-41.6 Calcite shear	5	368
133854	38	40		5	258
133855	40	42		10	288
133856	42	44		55	216
133857	44	46		40	258
133858	46	48		20	263
133859	48	50		5	223
133860	50	52		5	210
133861	52	54		5	162
133862	54	56		5	158
133863	56	58		5	129
133864	58	60		5	124
133865	60	62BXMONZ		5	146
133866	62	64MONZBIO	63-80.6 Very fine grained feldspar-biotite porphyry	5	93

Hole ID	Easting	Northing	Elev	Length	Comment
18	2500	5000	1055	180.8	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
133867	64	66	Weak potassic alteration	5	26
133868	66	68	Very fine disseminated sulfides mainly pyrite	5	22
133869	68	70	Included mafic fragments upto 2 cm in diameter carrying	5	30
133870	70	72	sulfides	5	22
133871	72	74	Entire section non magnetic	5	30
133872	74	76		5	23
133873	76	78MONZBIO		5	32
133874	78	80FELBX	80.6-91.3 Intrusive felsic breccia	5	29
133875	80	82	Chilled contact 60 deg to CA	5	136
133876	82	84		5	167
133877	84	86		5	182
133878	86	88		5	242
133879	88	90FELBX		5	281
133880	90	92FNMONZ	91.3-102.2 Fine grained intrusive	5	184
133881	92	94	Contact 60 to CA	5	129
133882	94	96	Disseminated sulfides with some Cp	5	114
133883	96	100FNMONZ		5	123
133884	100	102FELBX	102.2-180.8 Felsic breccia	5	113
133885	102	104	-More felsic than 80.6-91.3	5	202
133886	104	106	-Alteration more potassic in following sections:	5	194
133887	106	108		5	154
133888	108	110		5	120
133889	110	112		5	123
133890	112	114		5	200
133891	114	116	115-115.5 More potassic with stronger sulfides	5	290
133892	116	118		5	340
133893	118	120	118-123 More potassic	5	160
133894	120	122		5	187
133895	122	124		5	178
133896	124	126		5	189

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
18	2500	5000	1055	180.8	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
133897	126	128	128-129.3 More potassic	5	159
133898	128	130		5	121
133899	130	132		5	122
133900	132	134		5	115
134701	134	136		5	187
138702	136	138		5	183
138703	138	140		5	159
138704	140	142		45	186
138705	142	144	143.5-147.5 More potassic	5	257
138706	144	146		5	246
138707	146	148		10	475
138708	148	150		5	291
138709	150	152		5	228
138710	152	154		5	380
138711	154	156		5	256
138712	156	158		5	243
138713	158	160		5	321
138714	160	162		5	366
168715	162	164		5	385
138716	164	166		5	558
138717	166	168		5	396
138718	168	170		5	395
138719	170	172		5	703
138720	172	176		5	418
138721	176	178		5	291
138722	178	180		5	226
138723	180	180.8FELBX	180.8 EOH	5	199

DRILL HOLE ASSAY REPORT

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Hole ID	Easting	Northing	Elev	Length	Comment
19	2645	5100	1055	150.6	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
1		4.90B	Overburden to 4.9 meters		
138724	4.9	7FELBXCHL	4.9-70 Felsic breccia	60	396
138725	7	9	Chloritic matrix with angular felsic fragments upto	50	688
138726	9	11	5 cm.	40	410
138727	11	13	Disseminated sulfides throughout and more	25	529
138728	13	15	prominent in matrix.	40	436
138729	15	17	Small approx 3mm garnets noted at 10 metres	55	422
138730	17	19	Section is non magnetic throughout	70	2323
138731	19	21		40	1079
138732	21	23		25	949
138733	23	25		25	626
138734	25	27		20	522
138735	27	29		25	742
138736	29	31		15	595
138737	31	33		30	949
138738	33	35		20	515
138739	35	37		20	735
138740	37	39	Massive chalcopyrite at 39.5 and 42 metres	15	520
138741	39	41		425	4792
138742	41	43		30	797
138743	43	45		20	309
138744	45	47		55	1335
138745	47	49		15	274
138746	49	51		20	381
138747	51	53		30	1036
138748	53	55		30	885
138749	55	57		35	696
138750	57	59		15	525
138751	59	61		15	403
138752	61	63		10	408

Hole ID	Easting	Northing	Elev	Length	Comment
19	2645	5100	1055	150.6	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
138753	63	65		15	307
138754	65	67		10	218
138755	67	69FELBXCHL		15	291
138756	69	71FPFN	70-73.2 Fine grained feldspar porphyry	10	245
138757	71	73FPFN		5	148
138758	73	75FELBXCHL	73.2-79	10	214
138759	75	77	Same as 4.9-70	5	243
138760	77	79FELBXCHL		10	212
138761	79	81FPL	79-86.6 Feldspar porphyrh latite	10	450
138762	81	83	Contact 20 deg to CA	10	212
138763	83	85FPL		5	110
138764	85	87FELBXCHL	86.6-93.6	5	149
138765	87	89		10	485
138766	89	91		15	264
138767	91	93FELBXCHL		10	454
138768	93	95FNMONZ	93.6-104.7 Fine grained intrusive	5	283
138769	95	97	Sheared contact 60 deg to CA	5	248
138770	97	99		5	293
138771	99	101		10	298
138772	101	103FNMONZ		5	246
138773	103	105	104.7-112.8	10	88
138774	105	107		5	65
138775	107	109		5	42
138776	109	111		5	80
138777	111	113		5	121
138778	113	115FNMONZ	112.8-150.6 Fine grained intrusive with included mafic	5	123
138779	115	117	fragments containing sulfides	5	169
138780	117	119	Some secondary biotite	5	122
138781	119	121		5	103
138782	121	123		5	116

Hole ID	Easting	Northing	Elev	Length	Comment
19	2645	5100	1055	150.6	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
138783	123	125		5	138
138784	125	127		5	157
138785	127	129		5	123
138786	129	131		5	259
138787	131	133		5	142
138788	133	135		5	73
138789	135	137	Numerous calcite veins at 45 and 90 deg to CA.	5	180
138790	137	139		5	165
138791	139	141		10	191
138792	141	143		5	156
138793	143	145		5	92
138794	145	147	Prominent 90 deg to CA calcite shear 147-149	5	129
138795	147	149		5	108
138796	149	150.6FNMONZ	150.6 meters EOH	5	130

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4-Dec-95

Hole ID	Easting	Northing	Elev	Length	Comment
20	2965	5100	1060	200	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)	p b
						8
1		8.2FPL				8
138797	8.2	10		5	101	8
138798	10	12		5	62	8
138799	12	14		5	63	8
138800	14	16	8.2-22 FINE FELDSPAR PORPHYRY	5	71	8
138801	16	18	- Sheared to 12 metres	5	95	8
138802	18	20	- Felsic phenocrysts to 3 mm showing very weak flow banding.	10	139	9
138803	20	22	- Some included mafic fragments to 1.5 cm	10	380	9
138804	22	24	- Disseminated sulfides throughout, Py-Cp-Bornite?	10	937	9
138805	24	26TFFEL	22.1-54.1 FELSIC TUFF	20	622	9
138806	26	28	- Felsic and mafic fragments in a mafic matrix	20	1403	9
138807	28	30	- Alteration becoming more potassic from 26.9-28	80	3588	9
138808	30	32	- Disseminated sulfides throughout with some coarse Cp in	30	2033	9
138809	32	34	mafic zones	50	3164	
138810	34	36	- Weakly magnetic	20	1289	
138811	36	38		35	1766	
138812	38	40		115	3584	
138813	40	42		110	3912	
138814	42	44		90	3598	
138815	44	46		20	832	
138816	46	48		5	635	
138817	48	50		5	535	
138818	50	52		10	302	
138819	52	54FP	54.1-58.8 FELDSPAR PORPHYRY	5	303	
138820	54	56	Disseminated sulfides Py-Cp	5	130	
138821	56	58		10	187	
138822	58	60TFFEL	58.8-69.5 FELSIC TUFF	5	256	
138823	60	62		15	395	
138824	62	64		15	445	

Hole ID	Easting	Northing	Elev	Length	Comment
20	2965	5100	1060	200	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
138825	64	66	Disseminated sullfides throughout	25	733
138826	66	68		35	1136
138827	68	70FP	69.5-72.9 FELDSPAR PORPHYRY	20	472
138828	70	72	Contact 30 to CA	5	172
138829	72	74FNFEL	72.9-87-8 FINE FELSIC	10	295
138830	74	76		10	344
138831	76	78	Disseminated sulfides with some coarse chalcopyrite	15	307
138832	78	80		25	896
138833	80	82		25	331
138834	82	84		5	357
138835	84	86		5	273
138836	86	88FP	87.8-90 FElDSPAR PORPHYRY	5	215
138837	88	90	Contact 45 deg to CA	5	143
138838	90	92	Phenocrysts upto 0.5 cm	30	265
138839	92	94FNFEL	90-92.3 FINE FELSIC	10	252
138840	94	96MAFD	92.3-94 MAFIC DYKE Contact 45 de to CA	5	364
138841	96	98FNFEL	94-125.4 FINE FELSIC	10	285
138842	98	100		5	350
138843	100	102		10	376
138844	102	104		5	152
138845	104	106		10	745
138846	106	108		10	740
138847	108	110		45	1334
138848	110	112		15	1097
138849	112	114		30	1618
138850	114	116		10	833
138851	116	118		25	1214
138852	118	120		5	574
138853	120	122		5	404
138854	122	124		5	430

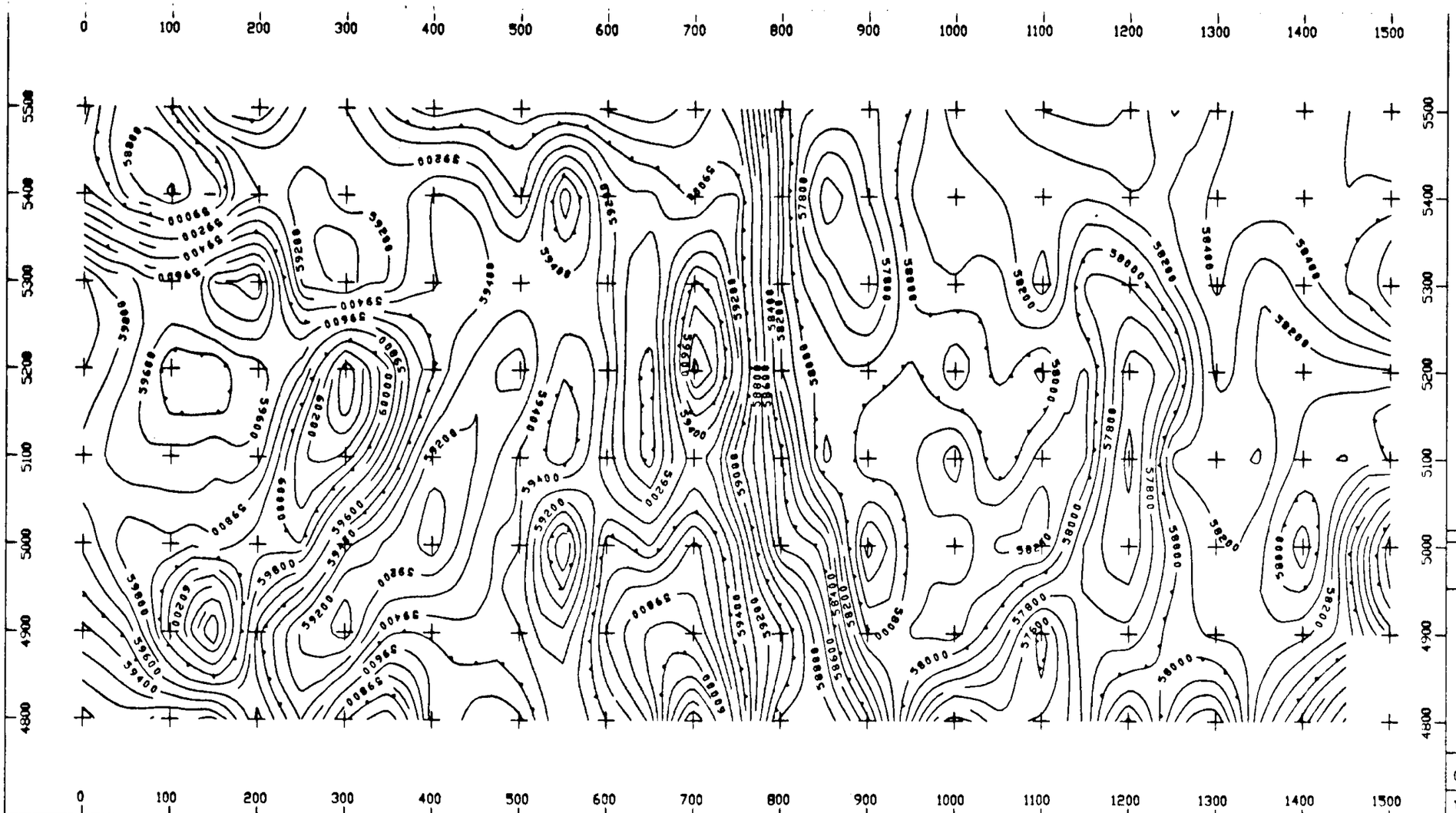
Hole ID	Easting	Northing	Elev	Length	Comment
20	2965	5100	1060	200	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
138855	124	126FELBX	125.4-130 FELSIC BRECCIA	25	1111
138856	126	128		55	2555
138857	128	130		10	1108
138858	130	132MAFD	130-143.3 MAFIC DYKE	10	519
138859	132	134	60 deg to CA calcite sheared mafic dyke with calcite veining	5	279
138860	134	136	at 10 and 80 deg to CA.	5	262
138861	136	138		50	1694
138862	138	140		5	202
138863	140	142		5	328
138864	142	144FNFEL	143.3- 153.8 FINE FELSIC	90	2456
138865	144	146		50	1778
138866	146	148	147.5-149.3 Qtz carb ser shear sub parallel to CA	5	161
138867	148	150	149.3- 152 Crackle breccia vein 10 deg to CA	15	236
138868	150	152		5	92
138869	152	154FPL	153.8-200 FELDSPAR PORPHYRY LATITE	30	1130
138870	154	156	SOME included mafic fragments	10	234
138871	156	158		5	190
138872	158	160		10	130
138873	160	162		5	187
138874	162	164		5	104
138875	164	166		5	129
138876	166	168		5	526
138877	168	170		5	137
138878	170	172		5	212
138879	172	174		5	132
138880	174	176		5	100
138881	176	178		5	88
138882	178	180		5	114
138883	180	182		5	134
138884	182	184		5	210

DRILL HOLE ASSAY REPORT

Hole ID	Easting	Northing	Elev	Length	Comment
20	2965	5100	1060	200	

Smpl Nmbr	From	Geo. ToCode	Geo. Desc.	AU (PPB)	CU (PPM)
138885	184	186		5	145
138886	186	188		5	115
138887	188	190		5	112
138888	190	192		5	114
138889	192	194		5	118
138890	194	196		5	101
138891	196	198		5	87
138892	198	200	EOH 200 metres	5	88



N

FIG 1

BIG VALLEY RESOURCES INC.

LLOYD 1(WEST) GRID
GROUND GEOPHYSICAL SURVEY
CONTOURED MAGNETICS (GAMMAS)

Scale 1: 5000

03-15-95 | Drawn by: ted | Figure: 6-3

Tech Work By: DURFELD GEOLOGICAL MANAGEMENT

...YOLOGIC ...I BRANCH
SSESSMENT REPORT

2,900 E | 2,950 E | 3,000 E | 3,050 E | 3,100 E

5,200 N

94-02 | 94-01 | 94-08 | 94-09 | 94-11

Elev 1,050 | Elev 1,000 | Elev 950 | Elev 900 | Elev 850

7d,a | 3cb | 7a | BMcpy | 3d | BM | 3dP | 3dBQ | 3dBMcpy | 7a/7d

.12% Cu
67 ppb Au

.33% Cu
472 ppb Au

.24% Cu
352 ppb Au

.27% Cu
348 ppb Au

.40% Cu
542 ppb Au

.09% Cu
131 ppb Au

.21% Cu
298 ppb Au

.46% CU
504 ppb Au

Interval cont'd on Fig 5B4

LEGEND

Lithology

- 11 Overburden
- 7 Intrusive Rock
- 7a Latite Feldspar Porphyry
- 7b Crowded Feldspar Porphyry
- 7c Megacryst Feldsapr Porphyry
- 7d Fine Grained Monzonite
- 7m Mafic Dyke
- 3 Volcanic/Clastic
- 3a Crystal Tuff
- 3b Lapilli Tuff
- 3c Mafic Matrix Tuff
- 3d Felsic Tuff

Alteration

- B Brecciation
- C Calcite
- K Potassic
- M Magnetite
- P Propylitic
- Q Quartz
- S Sericite
- V Vesicular

Mineralization

- bn Bornite
- cpy Chalcopyrite
- c Calcite
- fl Flourite
- mg Magnetite
- py Pyrite

Structure

- Geological Contact
- Fault
- DRILL TRACE WITH COPPER PPM

BIG VALLEY RESOURCES INC

LLOYD - NOPDIK PROPERTY

DRILL SECTION 52+00N (Looking to North)

GEOLOGY / COPPER (PPM)

Scale 1: 500.0

NTS: 93A/12E

Tech Work: DURFELD GEOLOGICAL MANAGEMENT

2,900 E | 2,950 E | 3,000 E | 3,050 E | 3,100 E

5,200 N

94-02

94-01

94-08

94-09

94-11

Elev 1,050

Elev 1,000

Elev 950

Elev 900

Elev 850

.12% Cu
67 ppb Au

.33% Cu
472 ppb Au

.24% Cu
352 ppb Au

.27% Cu
348 ppb Au

.40% Cu
542 ppb Au

.09% Cu
131 ppb Au

.21% Cu
298 ppb Au

.5% Cu
789 ppb Au

.46% CU
504 ppb Au

Interval
cont'd on
Fig 4B4

DRILL TRACE

69 [5
229 [5
33 [5

COPPER (ppm) vs GOLD (ppb)

BIG VALLEY RESOURCES INC

LLOYD - NORDIK PROPERTY

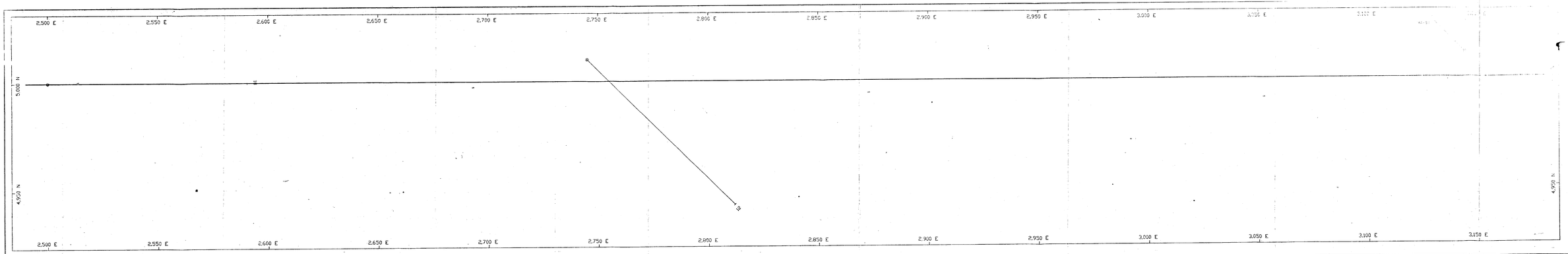
DRILL SECTION 52+00N (Looking to North)

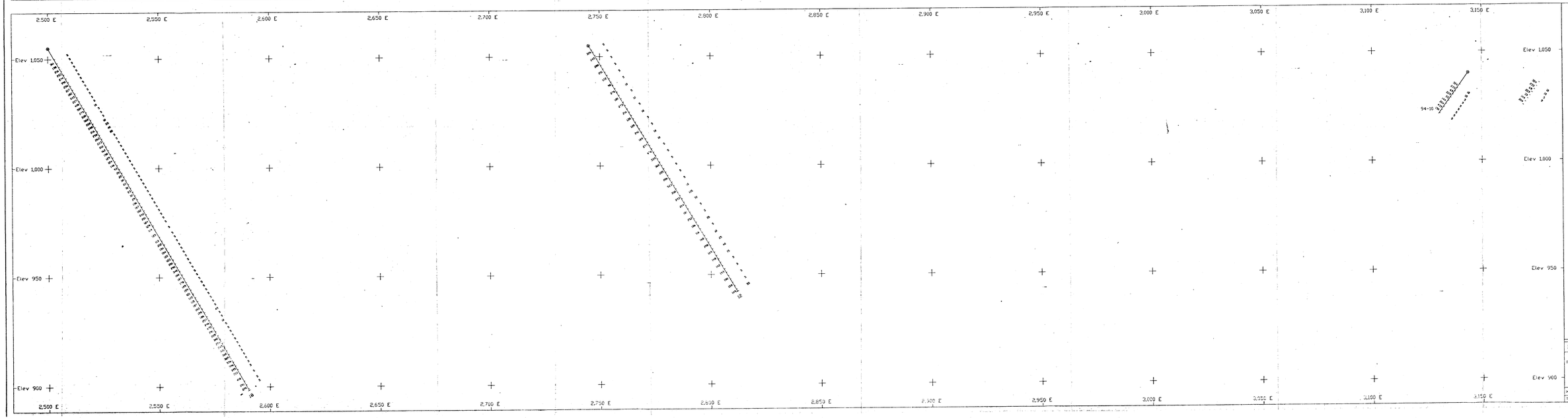
COPPER (PPM)/GOLD (PPB)

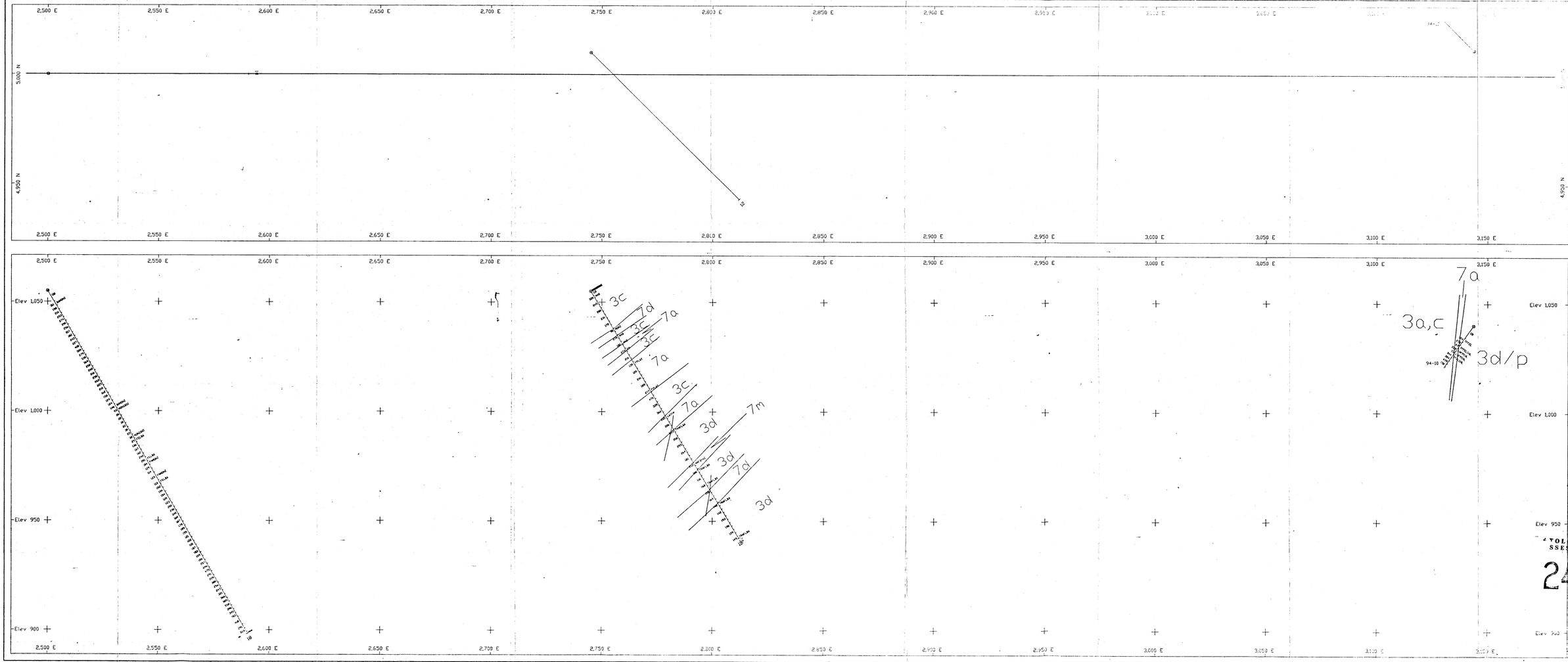
Scale 1: 1000.0

Date: 12-MAR-95 | NTS: 93A/12E | FIGURE: 4B5

Tech Work: DURFELD GEOLOGICAL MANAGEMENT







LEGEND

Lithology

11	Overburden
7	Intrusive Rock
7a	Latite Feldspar Porphyry
7b	Crowded Feldspar Porphyry
7c	Megacryst Felasapr Porphyry
7d	Fine Grained Monzonite
7m	Mafic Dyke
3	Volcanic/Clastic
3a	Crystal TuFF
3b	Lapilli TuFF
3c	Mafic Matrix TuFF
3d	Felsic TuFF

Alteration

B	Brecciation
C	Calcite
K	Potassic
M	Magnetite
P	Propylitic
Q	Quartz
S	Sericite
V	Vesicular

Mineralization

bn	Bornite
cpy	Chalcopyrite
c	Calcite
Fl	Flourite
mg	Magnetite
py	Pyrite

Structure

Geological Contact

Fault

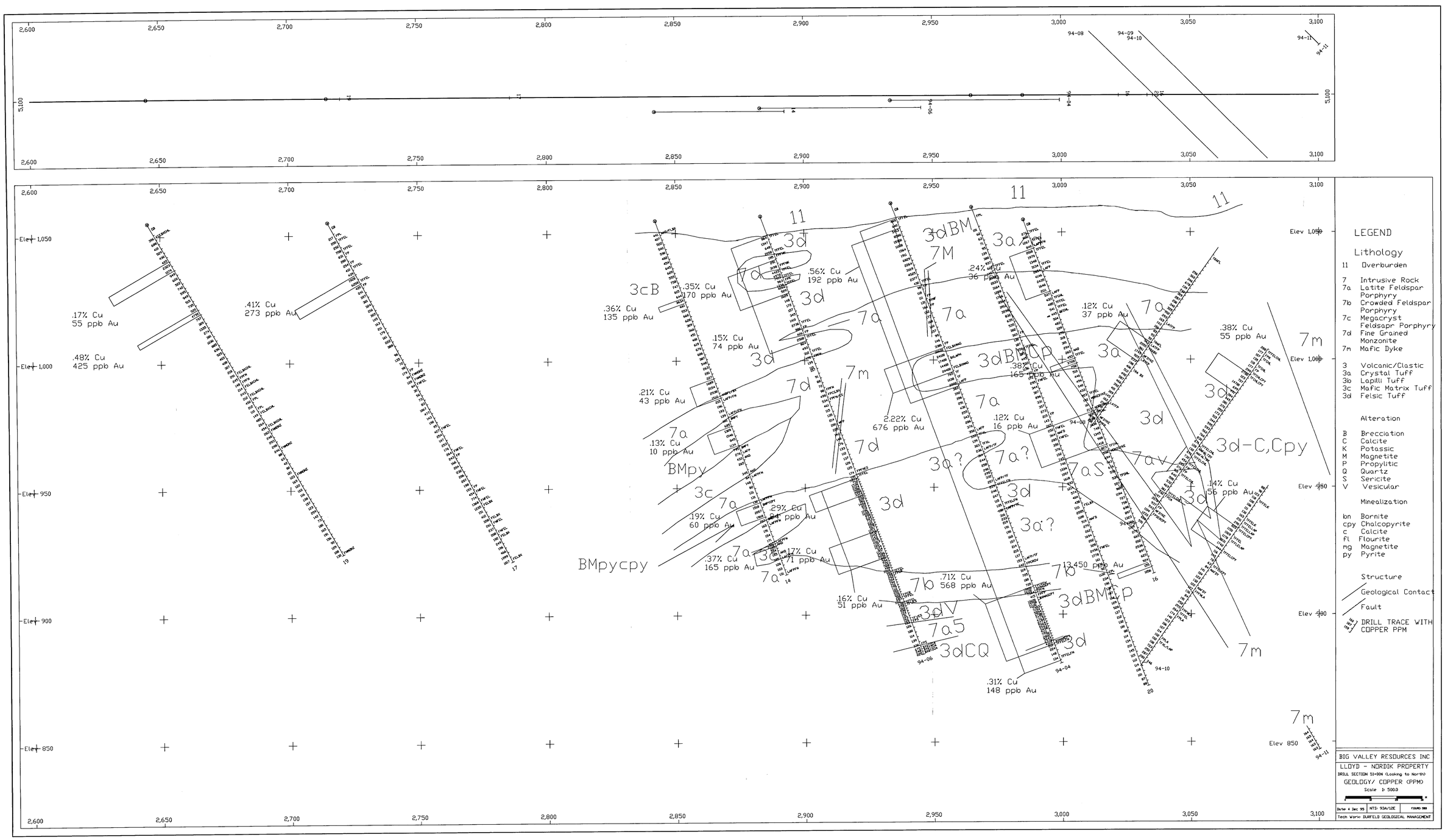
DRILL TRACE WITH COPPER PPM

BIG VALLEY RESOURCES INC

LLOYD - NORDIA PROPERTY

GEOLOGY / COPPER (PPM)

Scale 1:500



LEGEND

Lithology

- 11 Overburden
- 7 Intrusive Rock
- 7a Latite Feldspar Porphyry
- 7b Crowded Feldspar Porphyry
- 7c Megacryst Feldspar Porphyry
- 7d Fine Grained Monzonite
- 7m Mafic Dyke
- 3 Volcanic/Clastic
- 3a Crystal Tuff
- 3b Lapilli Tuff
- 3c Mafic Matrix Tuff
- 3d Felsic Tuff

Alteration

- B Brecciation
- C Calcite
- K Potassic
- M Magnetite
- P Propylitic
- Q Quartz
- S Sericite
- V Vesicular

Mineralization

- bn Bornite
- cpy Chalcopyrite
- c Calcite
- fl Flourite
- mg Magnetite
- py Pyrite

Structure

- Geological Contact
- Fault
- DRILL TRACE WITH COPPER PPM

BIG VALLEY RESOURCES INC

LLOYD - NORDIK PROPERTY

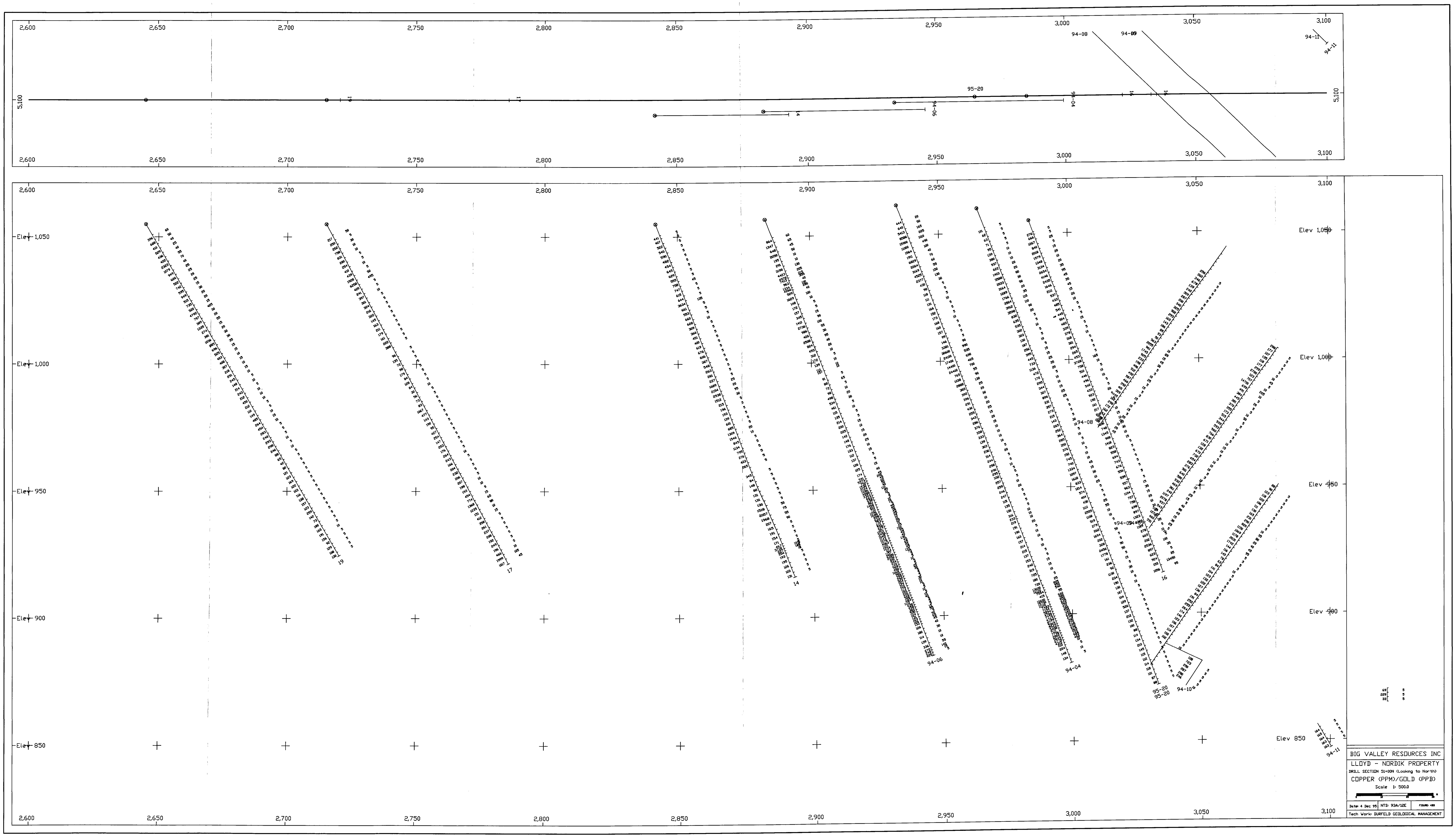
DRILL SECTION 51+00N (Looking to North)

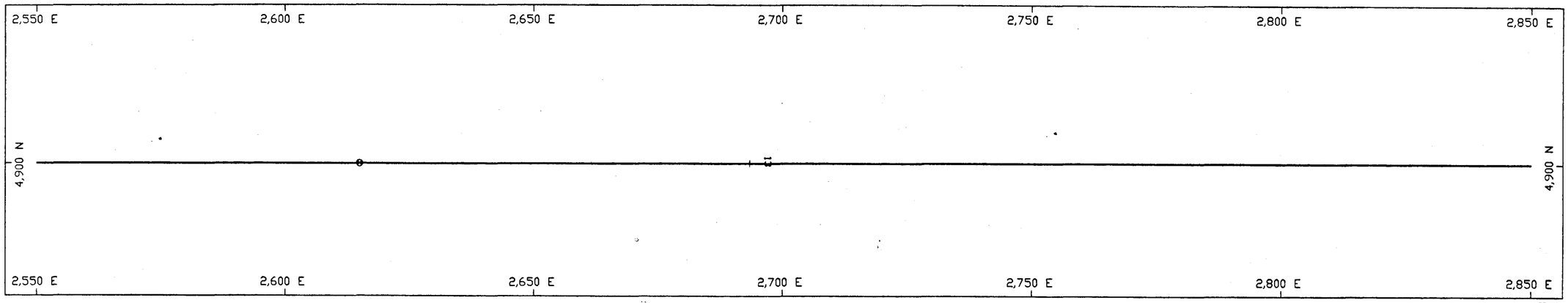
GEOLOGY/ COPPER (PPM)

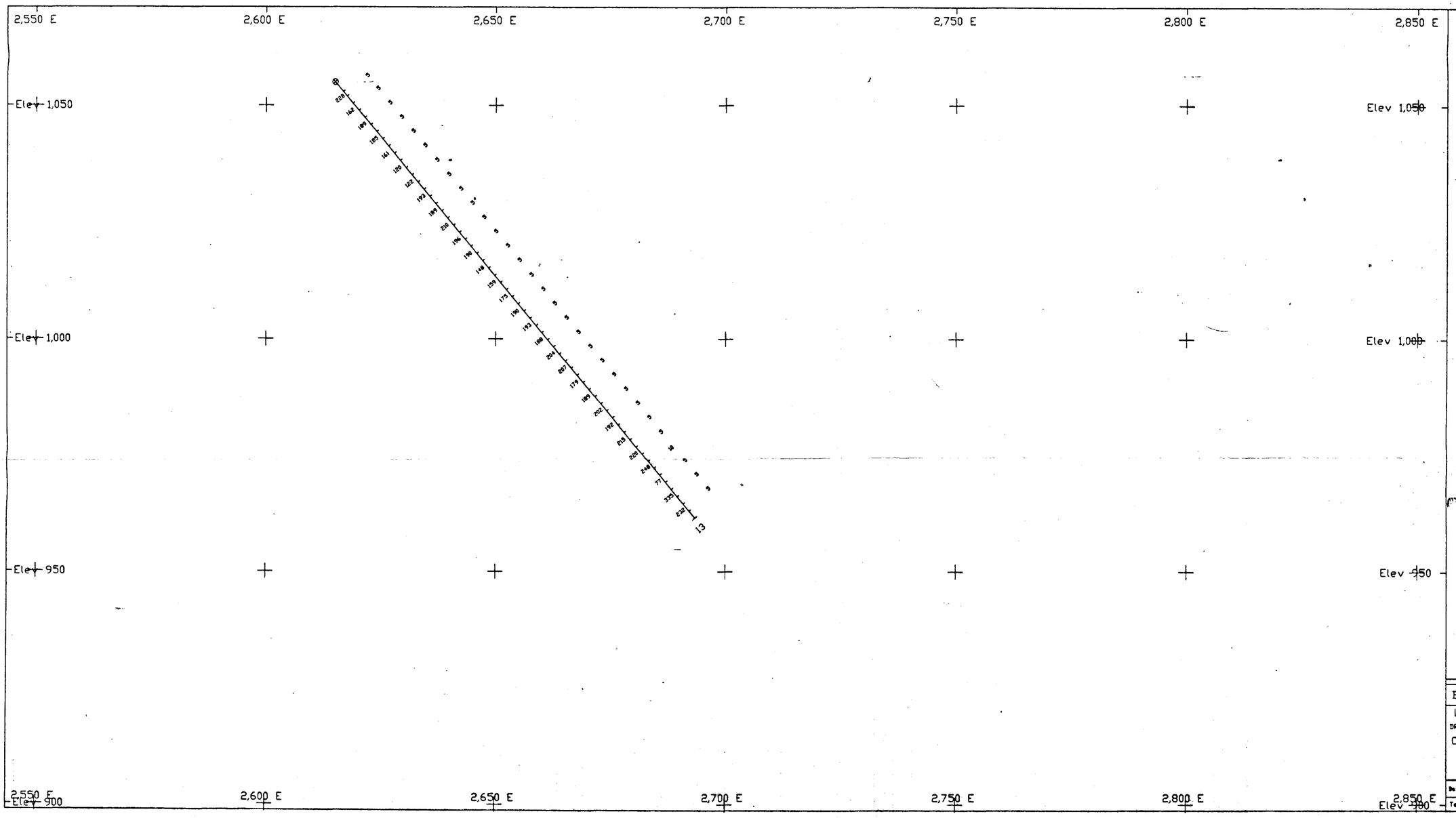
Scale 1: 500.0

Date 4 Dec 95 | NTS: 93A/12E | FIGURE 888

Tech Work DURFELD GEOLOGICAL MANAGEMENT







GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,154

BIG VALLEY RESOURCES INC

LLOYD - NORDIK PROPERTY

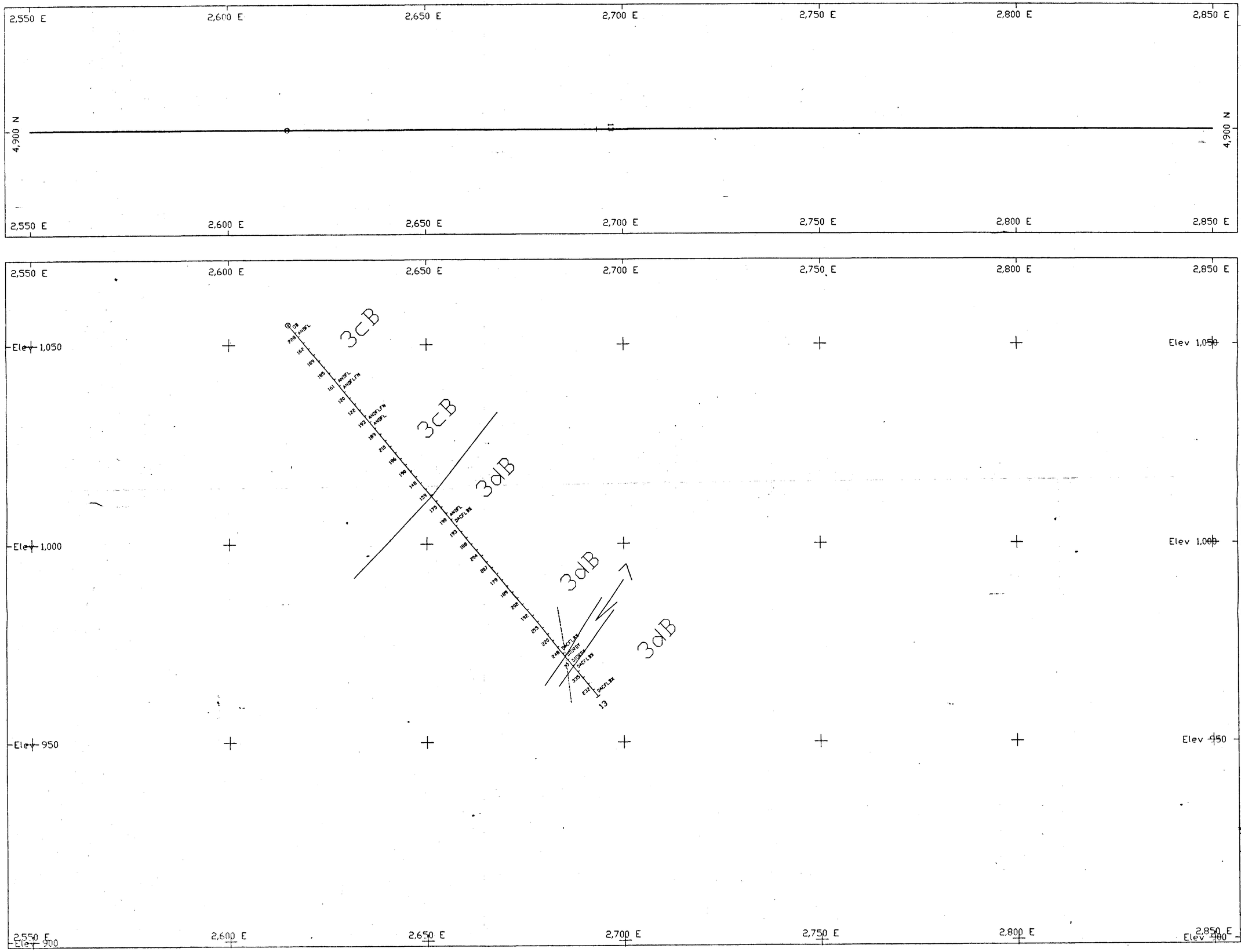
DRILL SECTION 49+00N (Looking to North)

COPPER (PPM) / GOLD (PPB)

Scale 1: 500.0

Date: 13-MAR-95 | NTS: 93A/12E | FIGURE 497

Tech Work: DURFELD GEOLOGICAL MANAGEMENT



LEGEND

Lithology

11	Overburden
7	Intrusive Rock
7a	Latite Feldspar Porphyry
7b	Crowded Feldspar Porphyry
7c	Megacryst Feldsapr Porphyry
7d	Fine Grained Monzonite
7m	Mafic Dyke
3	Volcanic/Clastic
3a	Crystal Tuff
3b	Lapilli Tuff
3c	Mafic Matrix Tuff
3d	Felsic Tuff

Alteration

B	Brecciation
C	Calcite
K	Potassic
M	Magnetite
P	Propylitic
Q	Quartz
S	Sericite
V	Vesicular

Minealization

bn	Bornite
cpy	Chalcopyrite
c	Calcite
fl	Flourite
mg	Magnetite
py	Pyrite

Structure

Geological Contact

Fault

DRILL TRACE WITH COPPER PPM

BIG VALLEY RESOURCES INC

LLOYD - NORDIK PROPERTY

DRILL SECTION 49+00N (Looking to North)

GEOLOGY / COPPER (PPM)

Scale 1: 500.0

Date: 12-MAR-95 | NTS: 93A/12E | FIGURE: 5B7

Tech Work: DURFELD GEOLOGICAL MANAGEMENT

N

BIG VALLEY RESOURCES INC.
MURPHY GRID
GROUND GEOPHYSICAL SURVEY
CONTOURED MAGNETICS (GAMMAS)
Scale: 1: 5000

LLOYD-NORTH PROPERTY

MOUNT PULLEY PROPERTY

(11)

Computer generated contours based on magnetic field data collected Dec '94 and Jan '95

BIG VALLEY RESOURCES INC

LLOYD GRID
GEOPHYSICAL PLAN
GROUND MAGNETICS (GAMMA)
Scale 1: 2000

15-03-95 | Drawn by: kmd | Figure: 6-2

Tech Work By: BURFIELD GEOLOGICAL MANAGEMENT