KRL Resources Corp.

MM GROUP
Stewart, B.C.
N.T.S. 104A/4

Report on the 1991 Work Program

by
J. J. Walkins
Consulting Geologist

November 15, 1991

SUMMARY

The 1991 exploration effort on the MM Group concentrated on an area of airborne EM anomalies lying in good geology, and in the area of a high grade gold discovery from the previous year, the 518 Zone. A large part of the 1991 effort covered the newly discovered Hill Top Zone. The Hill Top Zone defines a prominent hill underlain by silicified and mineralized argillites, andesites and intrusive rocks on the east side of Victoria Creek gorge. A large gold and coincidental arsenic and antimony anomalies exist in the soils on the zone. Ground geophysics identifies the Hill Top Zone as having a high conductive background with alternating resistive zones, and a relatively high magnetic background. The highly variable chargeability and resistivity near surface may be masking any deep anomalies. The high conductive background is the result of a large volume of sulphide rich stockwork in both intrusive and bedded rocks that underlie the Hill Top Zone.

Fourteen diamond drill holes totalling 1848 metres were drilled. Best gold intersections came from within the Hill Top Zone; 0.578 opt Au over 0.40 metres and 0.563 opt Au over 0.65 metres. Wide intervals with anomalous concentrations of Au are reported; 544 ppb Au over 29.5 metres, and numerous anomalous sections were encountered. Drill results were poor in the area of the 518 Zone and from a geophysical conductor tested on Line 1000 North.

Grab samples from the Emperor mine dumps located on the south west side of the MM Group returned a best value of 2112 ppb Au with high base metal values.

The MM Group is well mineralized and additional work is needed to better define the geological setting to aid in the positioning of drill holes and trenches.

TABLE OF CONTENTS

Page

LIST OF FIGURES

LIST OF TABLES

LIST OF MAPS

LIST OF APPENDICES

INTRODUCTION

The Stewart area (Figure 1) is a major metal-mining district of the Canadian Cordillera. More than 50 properties in the area produced in excess of 5.6 million tons of gold-silver-lead-zinc ore between 1910 and 1968 (Grove, 1971). Presently the area is enjoying active exploration for a number of deposit types.

The MM Group of KRL Resources Corporation straddles the Portland Canal Fissure Zone, a major mineralized fault zone, and interesting stratigraphy at the top of the Hazelton Formation. Thirty to fourty percent of the property is underlain by intrusive rocks of several ages. Much of the property overlooks the town of Stewart 8 kilometres to the south and is well positioned for exploration and exploitation. A road, to the Dunwell Mine, is 400 metres from the property boundary.

The 1991 field program was centred on the upper reaches of Victoria Creek. A 34 kilometre grid of cut-line was established and surveyed for geology, soil and rock geochemistry and geophysics. Fourteen diamond drill holes, totalling 1847.7 metres, were drilled.

GEOLOGIC SETTING

Rocks significant to the economic geology of the Stewart Mining Camp are Lower Jurassic Hazelton Group calc-alkaline volcanic and lesser sedimentary rocks, associated alkaline granitic rocks and related dykes (Figure 2). Minor limestone and thin bedded siliceous sediment overlie the volcanic rocks and mark the end of volcanism. Middle Jurassic Bowser Lake Group sedimentary rocks are in-folded along north-northwest trending synclinal axes, and are disrupted by north and northeast trending faults . Plutonic rocks include marginal members of the Coast Crystalline Belt.

Metallogenesis of the Stewart area can be related to repeated cycles of volcanism, sedimentation, and plutonism. Base and precious metal enriched vein deposits are by far the most common form of economic mineralization located in major shear zones and dike swarms. Massive sulphide deposits are conformable with volcanic and sedimentary units and thought to be exhalative in origin. The Eskay Creek deposit is of this class. Porphyry deposits are found in stocks.

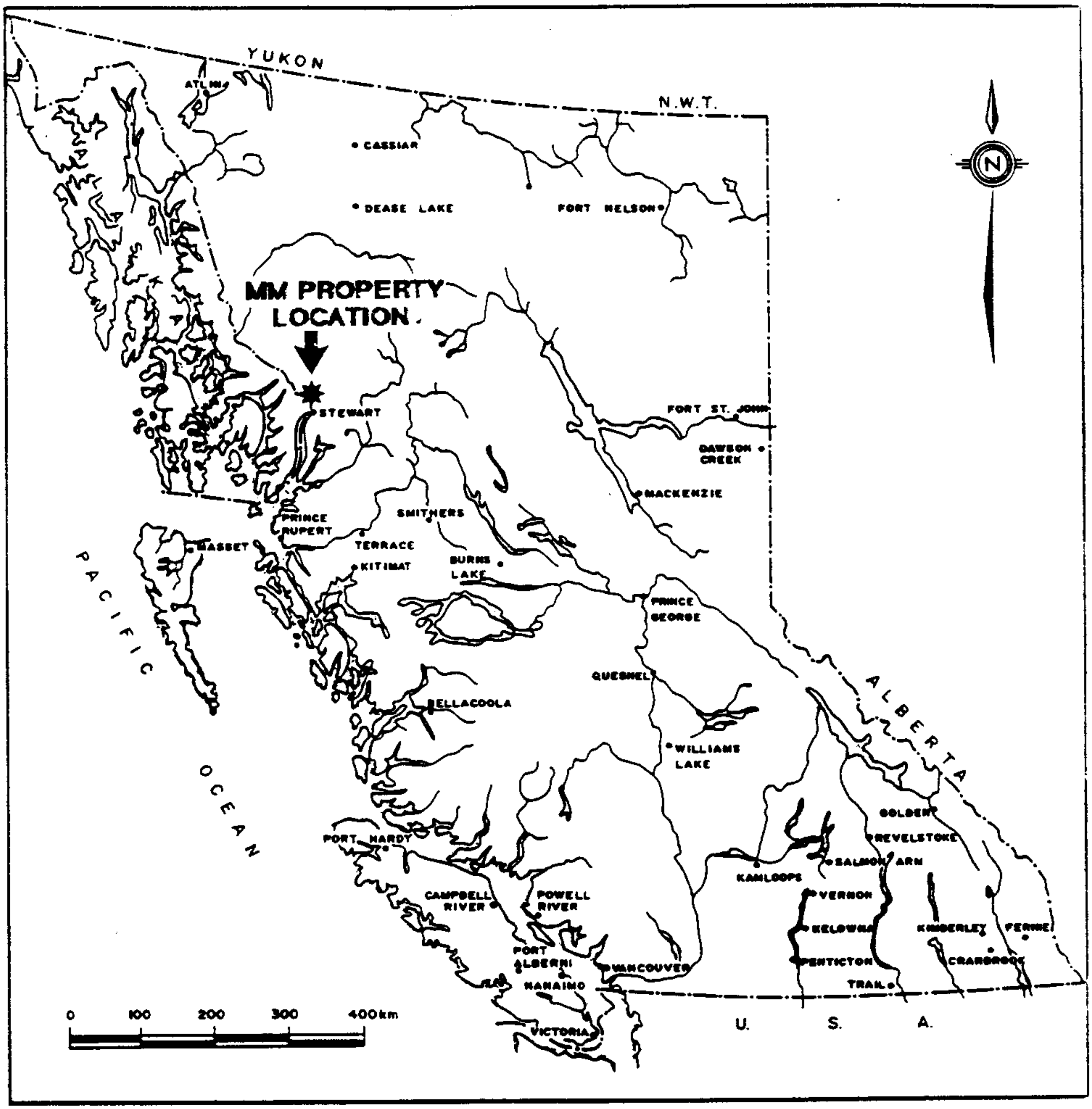
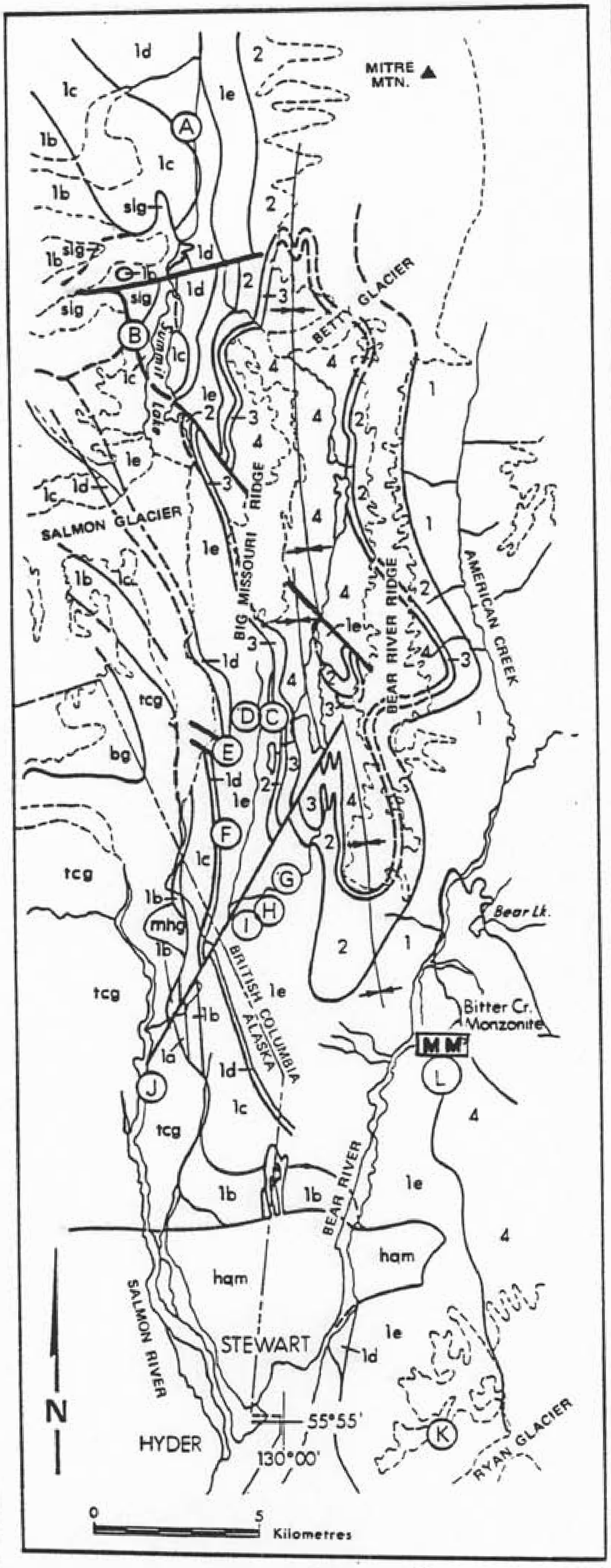
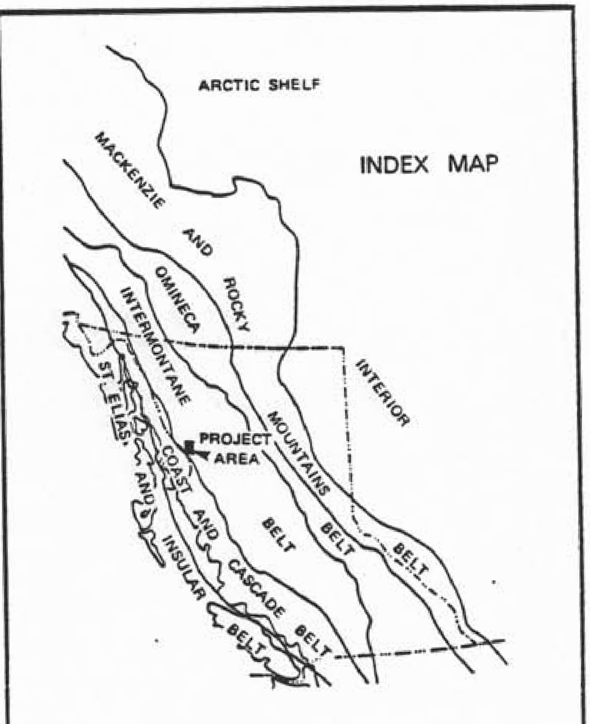


Figure 1. Location map, MM Property.





MAJOR MINERAL DEPOSITS

EAST GOLD MINE	A
SCOTTIE GOLD MINE	B
DAGO HILL DEPOSIT	C
BIG MISSOURI MINE (S-1 ZONE)	D
SILVER BUTTE DEPOSIT	E
INDIAN MINE	F
SEBAKWE MINE	G
B.C. SILVER MINE	H
SILBAK PREMIER MINE	I
RIVERSIDE MINE	J
PROSPERITY AND PORTER IDAHO MINES	K

LEGEND

hqm, bg, mhg	Eocene biotite granodiorite stocks
tcg, slg	Lower Jurassic hornblende granodiorite stocks
4	Argillite, siltstone, sandstone
3	Dacite pyroclastic formation
2	Epiclastic rocks, hematitic
1e	Andesite tuffs and flows
1d	Argillite, siltstone
1c	Andesite tuffs
1b	Argillite, siltstone
1a	Andesite tuffs

Figure 2. Geology map Stewart area (from Aldridge, 1985).

DUNWELL MINE	L
MM PROPERTY	MM

PROPERTY DESCRIPTION

The MM Property lies within N.T.S. sheet 104A/4 in the Skeena Mining Division. Claim particulars are listed in Table 1 and the claim group configuration is shown in Figure 3.

Table 1. The MM Group.

Claim name	Record No.	No. of Units	Expiry Date
MM #100	1594	18	July 11, 2001
Lake 16	3139	1	July 23, 2001
Lake 17	3140	1	July 23, 2001
MM 2	3311	1	November 23, 2001
MM 3	3312	1	November 23, 2001
MM 5	3313	1	November 23, 2001
MM #1 Fraction	3314	1	November 24, 2001
MM #4 Fraction	3315	1	November 24, 2001
MM #6 Fraction	3316	1	November 24, 2001
Buck 709	3138	3	July 23, 2001
Dunwell 4 Fraction	5871	1	March 9, 2001
Buck	8034	12	October 5, 2001
Bulldog #3	8551	1	March 22, 2001
Bulldog #2	8552	1	March 22, 2001
Bulldog #1	8553	1	March 22, 2001
Bulldog	8554	1	March 22, 2001
Az	9143	12	November 5, 2001
Brit	9144	12	November 5, 2001
Ben Ali #5	9153	18	November 25, 2001

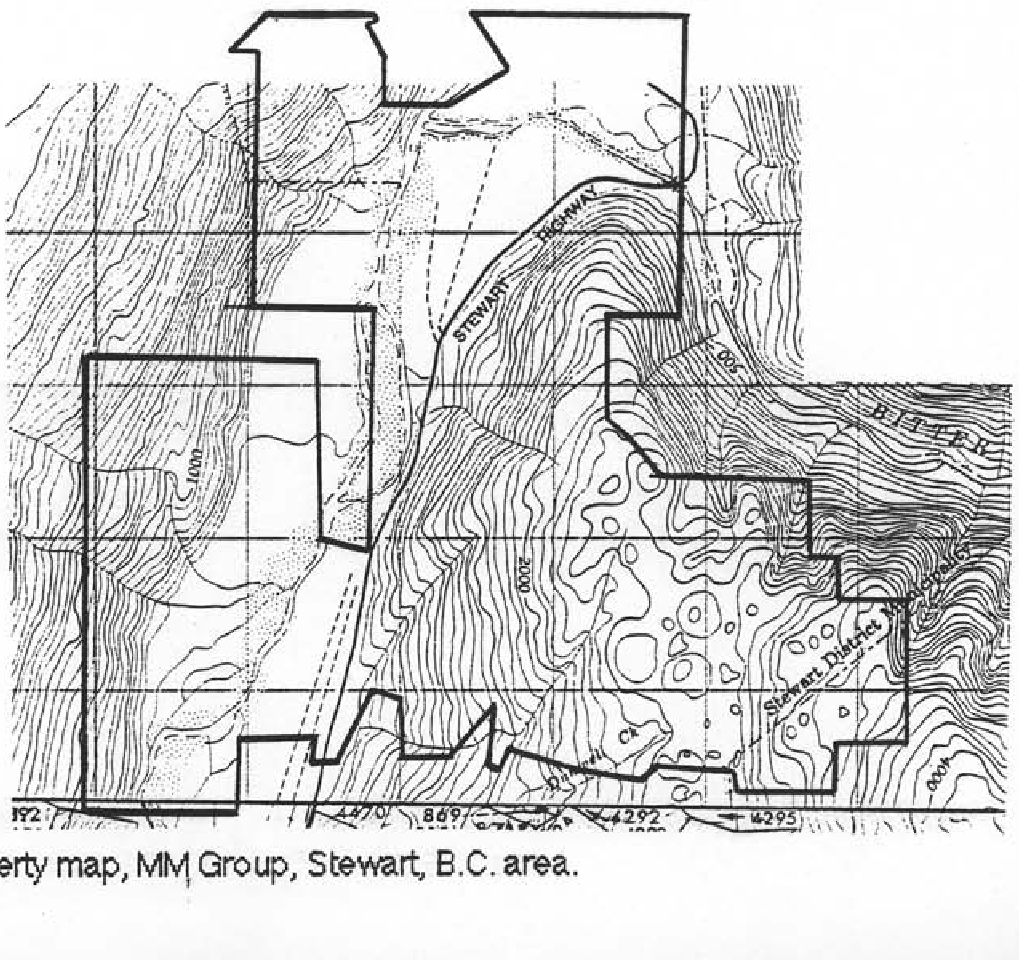
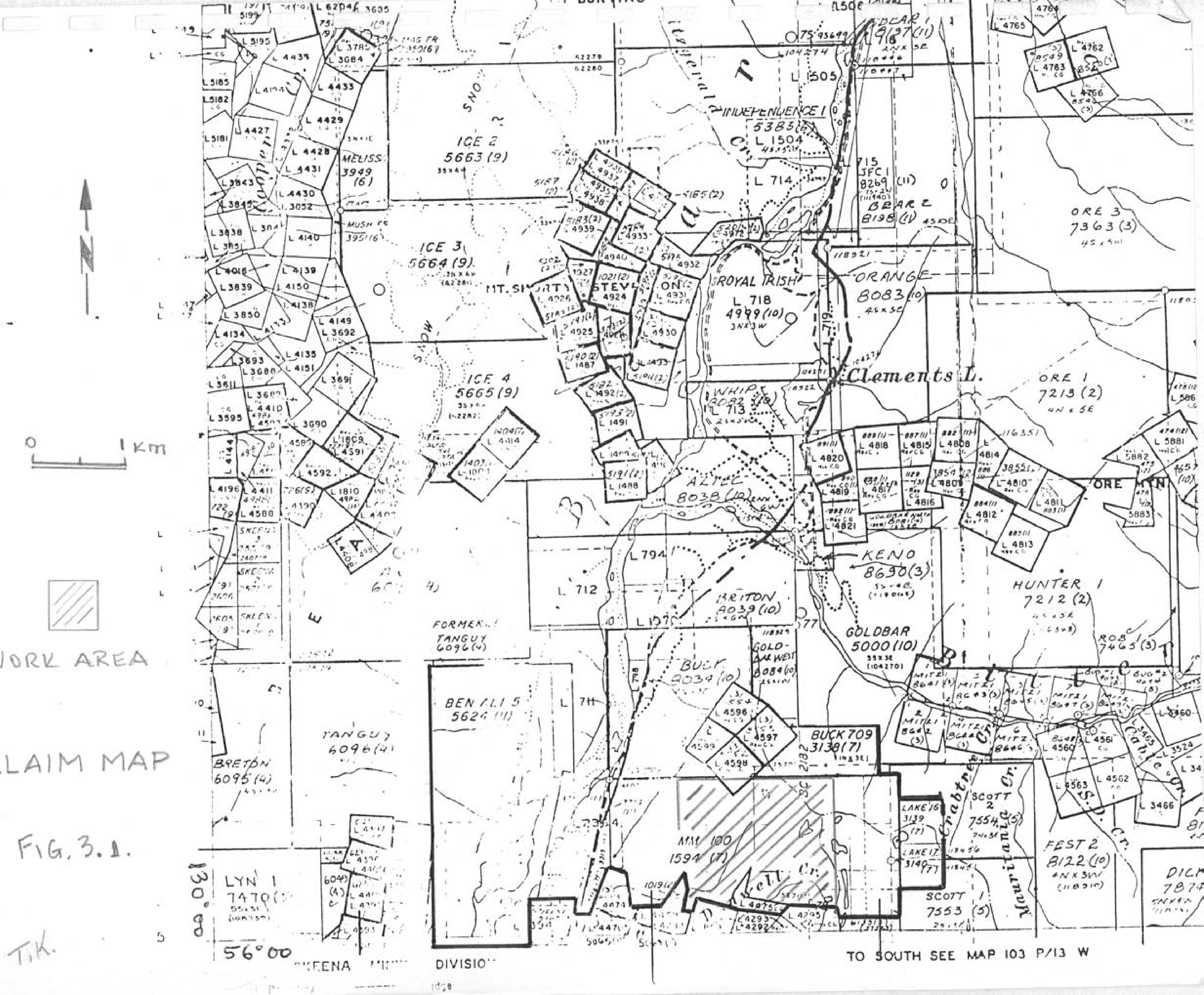


Figure 3. Property map, MM Group, Stewart, B.C. area.



WORK AREA

CLAIM MAP

FIG. 3.1.

TiK.

LOCATION, ACCESS AND PHYSIOGRAPHY

The Stewart area lies at the end of the Portland Canal in the rugged Boundary Ranges of the Coast Mountains of northwest British Columbia. The claim group covers the floor and steep slopes of the Bear River valley. The weather is generally mild year round, however a heavy snowfall in the winter, particularly at higher elevations, restricts exploration.

The MM property is located 8 kilometres north of Stewart. Highway 37A passes through the property along the Bear River and the Dunwell Mine road comes within 400 metres of the property boundary. A tent frame camp is established on the edge of an open meadow at elevation 730 metres immediately above Victoria Creek. Present access to the camp is by a 10 minute helicopter trip from Stewart and a walking trail from the end of the Dunwell Mine road.

MM PROPERTY HISTORY

Early discussions by B.C. Department of Mines geologists on the various prospects on the MM property form Appendix 1 of this report. The earliest recorded work is described in the 1908 annual report where reference is made to prospecting on the Main Reef vein. Other prospects are reported along the southern edge of the property and include the Victoria (Dandy), Tyee, Mayflower, Ben Ali, Emperor, Sunbeam and the Superior. Government reports of 1909 and 1911 describe a sample from the Tyee which returned 4.92 ounces per ton (opt) Au and 20.68 opt Ag, and samples from a 214 metre tunnel and short winze on the Main Reef vein that averaged 23.4 g/t Au. In 1925, a 7 ton shipment from the Main Reef vein returned 7 ounces Au, 20.68 ounces Ag, 4,915 lbs Pb, and 1,499 lbs Zn. Interest in the area waned after the late 1920's and most claims were allowed to lapse.

In 1980 Doug Hopper and associates staked the first claims of the group and dealt to Kingdom Resources Ltd, the predecessor company to KRL Resources Corporation. Kingdom Resources conducted a program of geochemical soil and rock sampling, geological mapping, prospecting, trenching, and locating and sampling of old workings in 1981, 1982 and 1983 (Hopper 1980 and Harris 1981, 1983, 1984).

In April of 1990 KRL Resources Corp. surveyed the property by airborne geophysics (Pritchard 1990). Fourteen kilometres of grid was cut, prospected and tested with VLF-EM, and resulted in the discovery of 518 Zone in the gorge of Victoria Creek at elevation 670 metres (Watkins, 1990).

RESULTS

Results of the 1991 program are summarized on Maps 1 to 8, and in geophysical reports by Visser (1991a and 1991b). Analytical results are listed in the appendices.

Geology

The MM group covers the upper contact zone of the Hazelton Group volcanic and related sedimentary rocks. The Bitter Creek Quartz Monzonite covers the north west corner of the property. A body of granodiorite covers the southwest corner of the property and may be part of the Hyder Monzonite. Steep to moderate northwest dipping faults of the Portland Canal fissure zone project through the property. Prospects occur in faults cutting argillites and chert, and veins and stockworks in intrusive rocks.

Stratigraphic units strike predominantly north-northeast with moderate west dips. Intermediate volcanic rocks appear to overlie bedded argillites, cherts and siltstones, however stratigraphic relationships are not well understood, complicated by near concordant and steep dipping faults, and several types and ages of intrusive rocks.

Surface geology of the area studied in the 1991 program is summarized on Map 1. Identified in the field is a large area of strong hydrothermal alteration in the form of pervasive silicification of sedimentary and volcanic rocks lying east of Victoria Creek to 150 East where the zone appears to be bounded by a northeast fault. The alteration zone defines a topographic high and is referred to as the Hill Top Zone.

Several intrusive rock types are identified. Most obvious in the field are several ages of feldspar porphyry and altered feldspar pyroxene porphyry dikes and/or sills that strike north-south and appear to be part of the Portland Canal Fissure Zone (Grove, 1971). Several adits in Victoria Creek gorge are located at faulted contacts of these intrusive bodies. Highest grade gold mineralization encountered, in drill hole MM-13, are related to sheared veins cutting altered feldspar porphyry. Other mineralised intrusive rocks are massive, medium grained granodiorite that appears to grade to coarse grained, feldspar porphyritic granodiorite. Altered feldspar pyroxene porphyry may be a phase of the granodiorite. The granodiorite and related rocks appear to be discordant bodies striking north-south but with a moderate west dip and/or north-west plunge. The strong pervasive hydrothermal alteration of the Hill Top Zone may be genetically related to the granodiorite. Best mineralization encountered in the granodiorite was a wide section averaging 544 ppb gold over 29.5 metres in drill hole MM-1. Not obvious on surface but seen in the drill core are fine grained, altered and mineralized rocks of an intermediate composition and commonly referred to as andesites. They could be in total or in part intrusive. Other intrusive rocks include altered lamprophyre dikes, fresh narrow diabase dikes, a large body of massive fresh, fine to medium grained diorite located along the east side of the grid area, and granitic bodies lying west of Victoria Creek gorge and probably related to the Bitter Creek monzonite.

More work is needed to better understand geological relationships.

Ground geophysics

Seventeen kilometres of line was surveyed using a large loop time domain electromagnetic (UTEM-3) system, and 22 kilometres surveyed with an EDA combined proton procession magnetometer and VLF-EM Omni Plus system (Visser, 1991a). An Induced Polarization (IP) survey consisting of 2.52 km of a dipole-dipole array on lines 400N, 500N, 550N, and 600N; and 1.72 km of a pole-dipole array on lines 600N, 700N, and 800N (Visser, 1991b) was carried out over the best part of the Hill Top Zone.

Results of the ground geophysical surveys were discouraging. No large conductors were identified at depth. Two strong near surface conductors on lines 900N and 1000N between 300W and 600W; and a small, strong conductor on line 200N immediately east of Victoria Creek were identified in drill core and on surface. A large portion of the surveyed area lying south of line 900N and east of Victoria Creek has a high conductive background with alternating resistive zones, and a relatively high magnetic background which correlates well with the Hill Top Zone. A highly variable chargeability and resistivity near surface is masking any deep IP anomalies.

Soil geochemistry

A total of 256 soil samples were collected. Large parts of the grid area are covered with thick bogs and steep hillsides with poor to no soil development. Analytical results of the soil survey are listed in the Appendix 2 and laboratory certificates in Appendix 3. A correlation matrix of the soil chemistry (Table 2) shows a positive correlation between gold and arsenic, and to lesser degrees between gold and other elements. The spatial and frequency distribution of Au, As, Bi, Cu, Co, and Sb in soils are plotted on Maps 2, 3, 4, 5, 6 and 7, respectively.

	Au	**Ag**	**Cu**	**Pb**	**Zn**	**Sb**	**Co**	**As**	**Bi**	**Mo**
Au	1									
Ag	-.012	1								
Cu	**.097**	.193	1							
Pb	.091	.216	.245	1						
Zn	.041	.055	.358	.271	1					
Sb	**.058**	-.052	.087	.049	.087	1				
Co	**.040**	.090	.367	.090	.374	.166	1			
As	**.227**	.006	.069	-.008	.032	.045	.096	1		
Bi	**.106**	-.008	.242	-.016	.074	.033	.107	-.042	1	
Mo	.029	.059	.106	.134	.099	.024	.114	.047	0.05	1

Figure 2. Soil geochemistry correlation matrix. Bold print indicates elements plotted on Maps 2 to 7.

Two populations of gold in soils appear to exist (see the frequency distribution of Au on Map 2) with the mean for the second population near 35 ppb. This second population defines an irregularly shaped area elongated north-south and centred more or less on line 600 N (Map 2). Similarly, a second population of arsenic in soils defines an anomaly coincident with the gold anomaly and larger in size (Map 3). The distribution of Bi, Cu, Co and Sb in the soil is less revealing (Maps 4 to 7).

Surface rock geochemistry

A total of 111 surface rock samples were analysed and their locations plotted on Map 8. Analytical results are listed in the Appendix 4 and the laboratory certificates in Appendix 5.

The best analysis from the Hill Top Zone, sample number 840, returned 0.294 oz/ton Au and was drill tested in hole MM-1. High values in both base and precious metals were collected from mine dumps at the Emperor mine located on the claim group boundary. At the Emperor mine considerable lateral development was on steep dipping, north trending quartz rich veins with rich sulphide lodes. The best sample picked from the mine dumps (sample nos. 979 to 985) returned 7.56% Zn, 1045 ppb Au and 52.1 ppm Ag.

Diamond Drill Program

Fourteen, helicopter supported, diamond drill holes from 9 sites totalled 1847.7 metres. Drill holes are plotted on the accompanying maps and locations summarized in Table 3. Drill hole logs with analytical results and analytical certificates can be found in Appendices 5 and 6, and drill hole sections over the Hill Top Zone are in Appendix 7. Drill holes MM-1 to MM-9 were drilled early in the field season, and are referred to as phase 1 drilling. Phase 1 drilling was carried out with little field information. Drill holes MM-10 to MM-14 were drilled late in the field season, and are referred to as phase 2 drilling.

Table 3. Diamond drill hole location summary.

HOLE NO.	NORTHING (metres)	EASTING (metres)	ELEVATION (metres)	AZIMUTH	DIP	LENGTH (metres)	STARTED	FINISHED
MM-1	609 N	044 E	790	165	-55	110.60	20/7/91	21/7/91
MM-2	611 N	040 E	790	315	-55	121.50	21/7/91	23/7/91
MM-3	671 N	087 E	810	315	-65	120.90	23/7/91	24/7/91
MM-4	670 N	090 E	810	135	-60	136.35	24/7/91	25/7/91
MM-5	748 N	053 E	825	135	-60	136.35	25/7/91	26/7/91
MM-6	750 N	040 E	825	315	-60	100.00	26/7/91	27/7/91
MM-7	790 N	015 W	850	135	-60	145.75	27/7/91	29/7/91
MM-8	690 N	420 W	835	180	-70	104.55	29/7/91	29/7/91
MM-9	690 N	420 W	835	225	-60	90.60	29/7/91	31/7/91
MM-10	545 N	050 E	775	120	-70	244.80	19/9/91	22/9/91
MM-11	545 N	050 E	775	300	-55	91.50	23/9/91	24/9/91
MM-12	425 N	040 E	720	135	-70	153.90	24/9/91	26/9/91
MM-13	600 N	130 W	710	135	-60	189.40	26/9/91	29/9/91
MM-14	1000 N	540 W	800	135	-55	101.50	29/9/91	30/9/91

Phase 1 drilling

Hill Top zone

Drill hole MM-1 intersected a wide zone of gold enrichment (Figure 4), 544 ppb Au over 29.5 metres with the highest concentration of 2415 ppb Au over 1.5 metres all in a quartz + arsenopyrite+/- pyrite or pyrrhotite stockwork cutting massive, fine to medium grained granodiorite. Drill holes MM-3, -4, -5, -6, and -7 drilled northeast of MM-1 intersected short anomalous gold intervals. Weak gold enrichment occurs in hole MM-4 (Figure 5) in granodiorite and is similar to mineralized granodiorite. Hole MM-2 was drilled in the opposite direction to MM-1 and intersected wide spread silicification with scattered gold enrichment (Figure 6) and the hole bottomed in altered, arsenopyrite mineralized diorite.

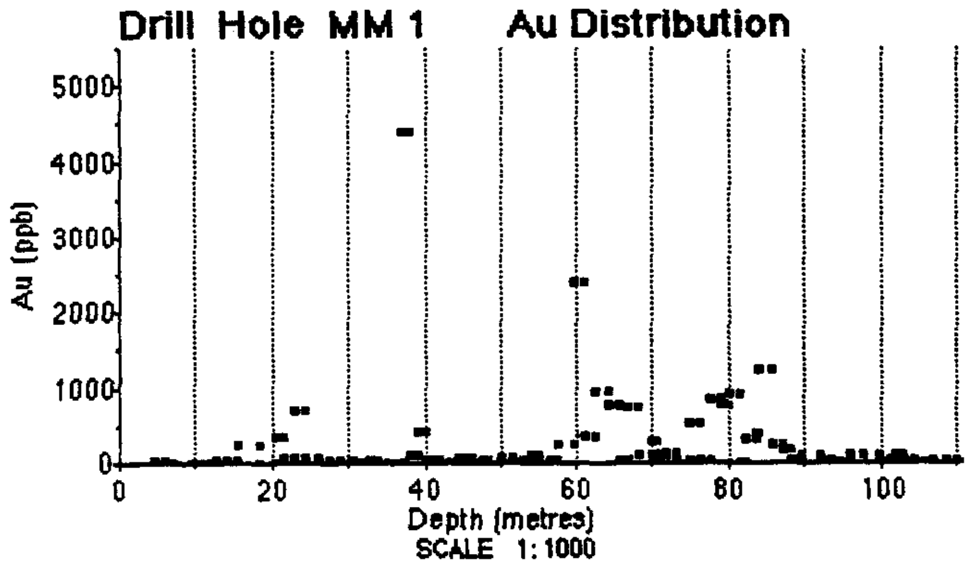


Figure 4. Au distribution in drill hole MM-1

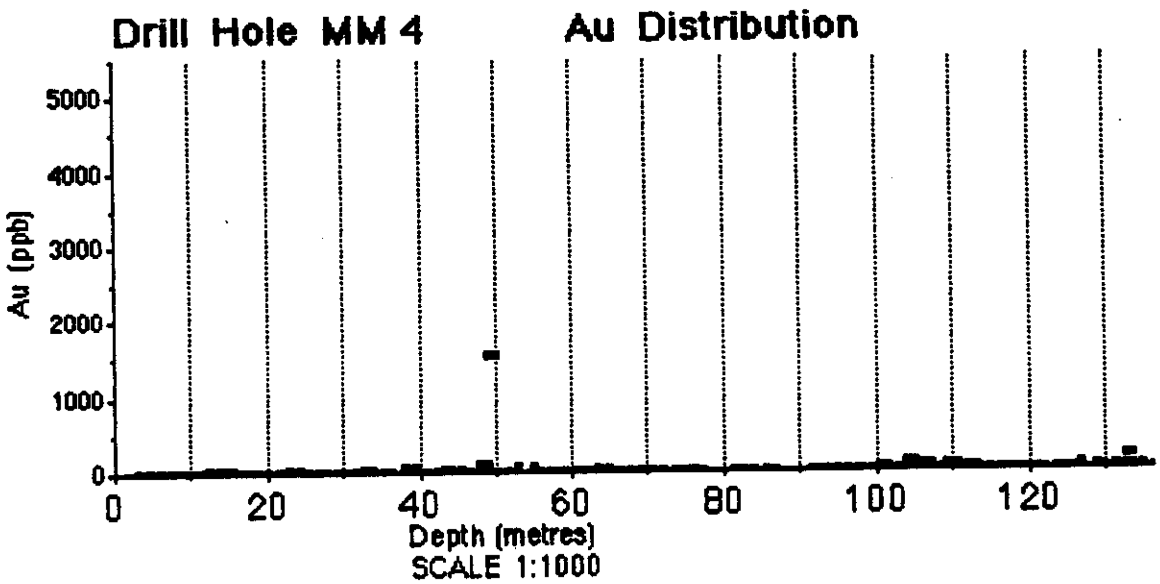


Figure 5. Au distribution in drill hole MM-4

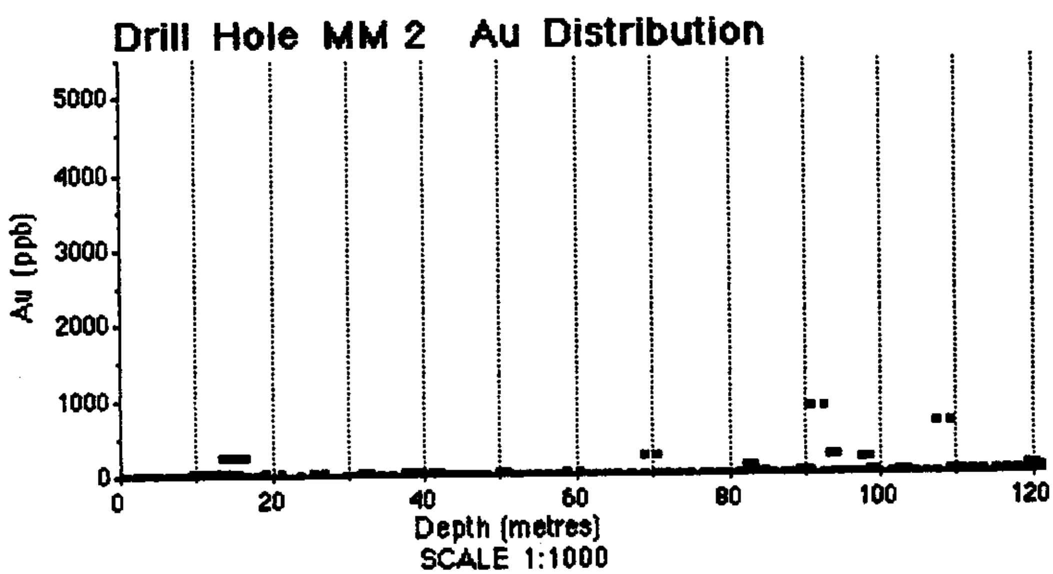


Figure 6. Au distribution in drill hole MM-2

518 Zone

Two holes, MM-8 and MM-9, were drilled in the area of the 518 Zone. Metamorphosed hydrothermally altered rocks similar to parts of the Hill Top Zone and fresh granitic rocks were intersected in both drill holes. The holes probably tested the contact aureole of an apophysis of the Bitter Creek monzonite. Altered mafic volcanic rocks in the bottom of hole MM-8 intersected disseminated mineralization reporting anomalous concentrations of Sb, Bi, Mo and Pb.

Phase 2 drilling

Hill Top Zone

Drill hole MM-10 was positioned to test for a possible continuation to depth of the gold enriched zone reported in MM-1. No significant mineralization was intersected in the hole, however scattered weak gold concentrations were encountered towards the top of the hole in intrusive rock (see drill hole section MM-10 & MM-11 in Appendix 8) and wide zones of arsenic enrichment throughout the hole. Drill hole MM-12, the most southerly hole drilled in the Hill Top Zone intersected wide intervals of disseminated and stockwork pyrrhotite mineralization in altered andesite and altered feldspar porphyry with only narrow and scattered weak gold-arsenic enrichment.

Drill hole MM-13 is the most westerly hole drilled into the Hill Top Zone and it intersected numerous short intervals of gold enrichment (Figure 7). Here the best mineralization occurs in altered feldspar porphyry and not in granodiorite as in drill hole MM-1. Best intersections are 0.578 oz/ton over 0.40 metres and 0.563 oz/ton over 0.65 metres. These two significant intersections occur within wider intervals reporting anomalous gold and associated trace elements. The 0.578 oz/ton Au intersection is part of a wider section of gold enrichment that averages about 0.20 oz/ton Au over 3.0 metres. The 0.563 oz/ton Au intersection is part of a wider section of gold enrichment that averages about 0.16 oz/ton Au over 3.65 metres. At least six other sections of anomalous gold were cut in the drill hole.

Line 1000N anomaly

Visser (1991a) identified two strong near surface conductors on lines 900N and 1000N between 300W and 600W. Drill hole MM-14 test this anomaly. The anomaly appears to be graphitic argillites, however anomalous concentrations of silver, lead and zinc does report in pyritized argillite and in altered feldspar porphyry dikes cutting argillite.

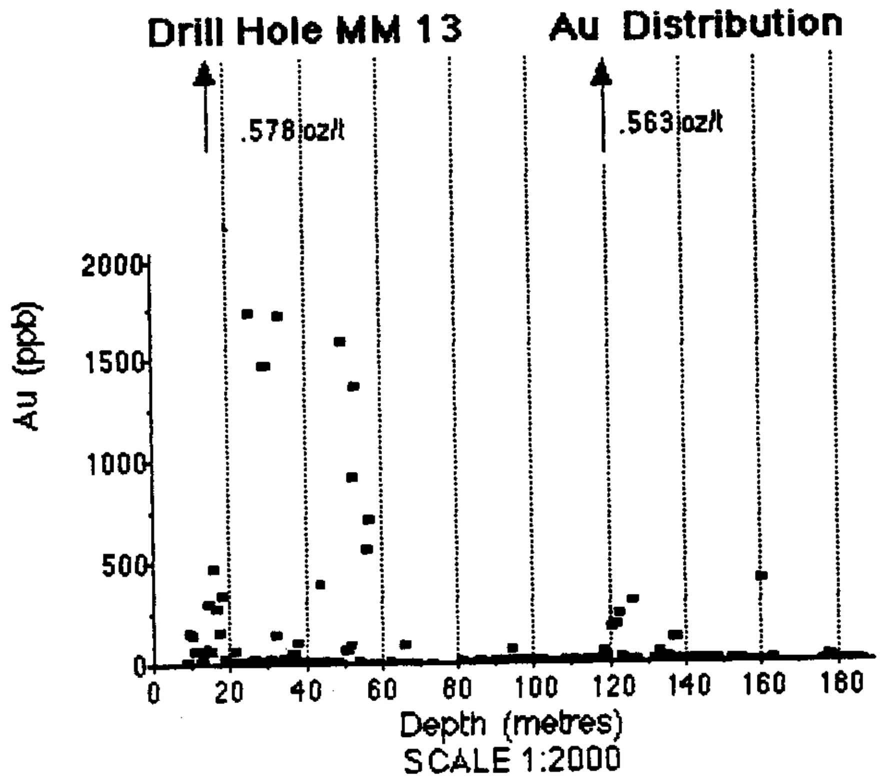


Figure 7. Au distribution in drill hole MM-13.

6. Drill Hole Geochemistry

A total of 1,227 split core samples were analysed by ICP. Selected element distribution plots and tabled results are listed with the drill logs in Appendix 5.

Mutual correlation between the different elements analysed in drill core (Table 4) can serve to help identify the type of deposit likely to be present. In the area drill tested gold is associated with bismuth, arsenic, cobalt, silver and to a lesser degree copper. A similar association that presently comes to mind is the exotic arsenide minerals and their assemblages in the silver-rich ores of Cobalt, Ontario, and recognized world wide (Stanton, 1972).

	Au	Ag	Cu	Pb	Zn	Sb	As	Bi	Ni	Co	Mo	W
Au	1											
Ag	**.238**	1										
Cu	.147	**.376**	1									
Pb	.027	**.458**	-.003	1								
Zn	-.013	.174	.003	**.270**	1							
Sb	-.020	.018	-.023	.088	-.014	1						
As	**.439**	.127	.046	.016	-.003	-.015	1					
Bi	**.887**	**.286**	.165	.044	-.008	-.016	**.329**	1				
Ni	-.014	-.095	-.130	.011	.032	.111	-.067	-.038	1			
Co	**.285**	-.229	**.286**	.017	.038	.041	**.533**	**.236**	.187	1		
Mo	-.001	.048	.010	.163	.040	.033	.009	-.003	.162	.028	1	
W	-.012	.034	.034	.068	**.525**	-.025	-.014	.002	.018	-.006	.022	1

Table 4. Correlation coefficient matrix of analytical results from drill core. Highlighted are significant element associations.

Platinum and palladium were analysed in selected samples from holes MM-1 and MM-2. The results can be seen at the back of Appendix 7. Weak enrichment in palladium occurs with a high of 16 ppb Pd.

DISCUSSION

The 1991 program concentrated on identifying economic mineralization associated with a cluster of airborne EM anomalies (Pritchard, 1990). Airborne anomalies appear to be the result of graphitic argillites and/or possibly, as explained by Visser (1991b), the result of stockwork sulphides mineralization intersected in drill holes.

The property is well mineralized, but the economic significance of this mineralization is not understood. Needed is more work to get a better handle on the geological setting. Additional drilling should only follow such a geological evaluation. Further, the MM Group is well positioned with nearby road access and proximity to the town of Stewart that will result in value for exploration dollars spent.

A road onto the Hill Top zone may expose geological relationships needed to evaluate the properties potential at a lower cost than diamond drilling.

RECOMMENDATIONS FOR FURTHER WORK

The MM Group should be considered for additional work. Needed is a hard look at the geology. Recommended is a continued program of evaluation:

1. Geology including the mapping of the total claim group, and sulphide and host rock petrography.
2. Extend the existing grid to the east and carry out soil geochemistry, ground geophysics and geology.
3. Road construction onto the Hill Top zone and mechanical trenching.
4. Diamond drilling:
   - Hill Top zone: 4 drill holes totalling 800 metres
   - 518 zone: 2 drill holes totalling 300 metres
   - Emperor mine extension: 4 drill holes totalling 400 metres
   - Other anomalies: 4 drill holes totalling 400 metres

Phase 1:

Line cutting: 12 kilometres @ $600/km	$7,200
Road construction	$50,000
Geology: 60 days @ $500/day	$30,000
Technical assistances: 60 days @ $200/day	$12,000
Geophysics: 12 kilometres @ $1500/km	$18,000
Helicopter: 10 hours @ $800/hr	$8,000
Analysis: 300 soil & rock samples @ $25/sample	$7,500
Truck: 60 days @ $75/day	$4,500
Camp: 60 days @ $300/day	$18,000
Mobilization	$3,000
Report	$3,000
Total cost for phase 1	$161,200

Recommendations for further work continued.

Phase 2:

Diamond drilling: 2000 metres @ $100/m	$200,000
Helicopter: 20 hours @ $800/hr	$16,000
Supervision: 30 days@ $500/day	$15,000
Technical assistance: 30 days @ $200	$6,000
Chemical analysis: 300 samples @ $25/sample	$7,500
Truck: 30 days @ $75/day	$2,250
Mobilization	$10,000
Report	$3,000
Total cost for phase 2	$259,750
Total cost for the proposed program	$420,950

REFERENCES

Alldrick, D.J. (1985): Stratigraphy and petrology of the Stewart mining camp; in Geological Fieldwork, 1984, B.C. Ministry of Energy, Mines and Petroleum Resources, Paper 1985-1, p. 316-342.

Budinski, D.R. (July 31,1990): Geology and exploration potential of the Cambria Project; MM, Rufus, Med and Med North properties, Stewart, B.C., unpublished report for KRL Resources Corp. by Orcan Mineral Associates Ltd.

Cavey, G. and Penner, D. (July 5, 1987): Report on the Stewart Area Property of Kingdom Resources Ltd., Stewart, B.C.

Dandy, (1990) Unpublished discussion of the geology of the Stewart area, Resident B.C. government geologist office, Smithers, B.C.

Grove, E.W. (1971): B.C.D.M. & P.R. Bulletin No. 58, Geology and Mineral Deposits of the Stewart Area, B.C.

Grove, E.W. (1986): B.C.D.M. & P.R. Bulletin No. 63, Geology and Mineral Deposits of Unik River-Salmon River-Anyox Area, B.C.

Harris,C. R. (Oct. 11, 1981): Report on 1981 Exploration, MM 100 Claim, B.C., N.T.S. 104A/4 for Kingdom Resources Ltd.

Harris,C. R. (Nov. 24, 1983): Summary Report on 1983 Field Work, Rufus and MM 100 Claim, Stewart B.C. for Kingdom Resources Ltd.

Harris,C. R. (May 20, 1984): MM 100 Claim Group, Stewart B.C., N.T.S.104A/4W for Kingdom Resources Ltd.\

Hopper, D. (July 30, 1980): Prospecting Report for Assessment Purposes on the MM#100.

Pritchard R.A. (July 25, 1990): Dighem III Survey for KRL Resources Corp., Stewart, B.C., report #1088.

Sinclair, A.J. (1976): Probability graphs in mineral exploration, Association of Exploration Geochemists, Special Volume 4.

Stanton (1972): Ore Petrology, McGraw-Hill Book Company

Visser, S.J. (1991a): UTEM Survey, Magnetics and VLF-EM on the MM Property, Stewart, B.C. for KRL Resources Corp.

Visser, S.J. (1991b): Induced Polarization Survey on the MM Property, Stewart, B.C. for KRL Resources Corp.

Watkins, J.J. (1990): Report on 1990 fieldwork, MM Property, Stewart, B.C. for KRL Resources Corp.

STATEMENT OF QUALIFICATIONS

I, **John J. Watkins,** of 3527 South Island Highway, Royston, B.C., Canada, do hereby certify that:

1. I am a graduate of Queen's University, Kingston, Ontario (B.Sc. Honours Geology, 1972 and M.Sc. Geology, 1980).
2. I am a Fellow of the Geological Association of Canada and a Fellow of the Society of Economic Geologists.
3. To 1983, I was engaged in mining and mineral exploration in Canada for a number of companies, positions included mine geologist and senior geologist. Since 1983, I have been practising as a consulting geologist in mineral exploration, property development and deposit evaluation.
4. I supervised the work described in this report.
5. I have 150,000 common shares of KRL Resources Corporation held in escrow.

Respectfully submitted,

J.J. Watkins, M.Sc.
November 15, 1991

Royston, B.C.

STATEMENT OF COSTS

GEOLOGICAL:		
J. WATKINS	29034.78	
M. TERRY	3274.20	
BLUE OX SERVICES	12181.95	
S. YOUNG	5350.00	
SALARIES:		
J. DONALDSON	9625.00	
J. SWENARCHUK	9141.00	
F. LEMIEUX	4375.00	
S. EDWARDS	1125.00	
S. STANCHFIELD	1000.00	75,106.93
LINECUTTING:		16,375.00
TRAVEL COSTS:		
travel,board	23941.88	
vehicle expenses	5178.87	29,120.75
CAMP COSTS:		36,981.85
FIELD SUPPLIES:		22,147.24
GEOPHYSICS:		32,326.60
DIAMOND DRILLING:		133,747.49
ASSAY COSTS:		22,337.30
HELICOPTER:		47,363.64
MANAGEMENT FEES:		36,000.00
TOTAL COSTS		451,506.80

APPENDIX 1

Historical Information

Annual Reports ot the Minister of Mine, British Columbia

1909:

pages K65 and K66

Main Reef Mineral Claims.

To the northward over the hill from the *Sunbeam* claim, Ranch and Horseman have located the *Main Reef No. 1* and *No. 2*, and the vein seen on these claims may be one of those noted on the Stewart Mining Company's property, as it is in the same line and has similar features. The claims are reached by a trail 1½ miles from the Bear River valley, and are at an altitude of 1,300 feet above Glacier creek camp. A small creek has cut through the rock and shown up a fissure in a slate country rock. A tunnel 33 feet long has been run in on this fissure, which has a strike S. 75° E., a dip of 65° to the south, and is clearly defined, but is mostly filled with crushed slate, slightly impregnated with quartz, but where the quartz is in any quantity, it is heavily mineralised with iron pyrites and a little galena.

Some twisting and perhaps faulting of the strata has occurred along the line of the bed of the creek, as what appears to be the same vein is seen on the opposite bank 250 feet farther up the creek. Here a tunnel has been run in 30 feet on a fissure, which has the same features as noted on the other side, but the strike is S. 25° E. and the dip nearly vertical. A felsite dyke lies along the east side of the fissure.

The owners shipped four tons of ore from this tunnel, which gave them the following returns per ton :—Gold, 0.7 oz.; silver, 20.94 oz.; lead, 23 %. Such returns encourage further prospecting, in the hope that the filling of the fissure may change from crushed slate to ore, which it might do in a very short distance, as the crushing movement noted at this point may be purely local. Samples of galena and pyrites taken by the Government Assayer assayed as follows :—Gold, 0.3 oz.; silver, 51.2 oz.; copper, none; lead, 64.2 %.

Tyee.

This claim is owned by Bibeau & McKay, of Stewart, and was formerly the *Mother Lode*. It is situated about a mile above Glacier creek and 300 feet vertically above Bear river. An ill-defined fissure in a granolitic rock,* about 3 feet wide, is filled with quartz and there are also a number of small stringers of quartz. An open cut 15 feet has crosscut this showing, and another short open cut 35 feet to the S. E. has been run into the ore body. The quartz is well mineralised with iron pyrites and in places a little copper. Samples of the quartz and pyrites taken by the Government Assayer gave rather astonishingly high values, as follows :—Gold, 4.92 oz.; silver, 20.68 oz.

Annual Reports ot the Minister of Mine, British Columbia

1918:

page K77

Mayflower Group. This group, consisting of four claims—*Mayflower, Trade Dollar, Kitty,* and *Blaine*—owned by H. P. Gibson, of Stewart, is situated about 1,000 feet above the Bear river on the east side, between Glacier and Bitter creeks. Along a small creek three or four veins of quartz and argillite, carrying pyrite, a little chalcopyrite, blende, and galena, are exposed in an argillite country-rock, termed the "Bitter Creek formation" by McConnell. A little work has been done by way of stripping and open-cutting, and a crosscut tunnel of 20 feet, with a further drift of 6 feet on one of the veins exposed on the surface. The drift will have to be advanced about 40 feet to get under the surface showing, which consists of a vein, about 4 feet wide, of quartz and argillite. This is a fair showing and deserving of the continuation of the drift to get under it, further work depending on the results obtained. A few tons of ore, running about $60 a ton in gold values, was taken from a small vein lower down the hill, showing that there are good values in the vein. There is a good foot-trail from the railroad to the property and there would be no difficulty in getting ore down.

page N65

Mayflower Group. This group is comprised of four claims—*Mayflower, Trade Dollar, Kitty,* and *Blaine*—situated on the east side of Bear river between Glacier and Bitter creeks, and is owned by H. P. Gibson, of Stewart. The property has had some little work done on it by way of open-cutting and a short crosscut tunnel driven, all of which were described in last year's Report. Recent work was done farther up the creek on the surface, with, I understand, satisfactory results. There is a good trail from the valley to the showings, over which ore could be packed.

1921:

page G65

Dandy Group. This group consists of four claims—*Dandy No. 1, Dandy No. 2, Star No. 1,* and *Star No. 2*—the first two being restakings of two of the claims of the old *Main Reef* group. The owner is Heine Horstman, of Stewart. The claims are situated on the east side of Bear river, about half-way between Glacier and Bitter creeks, at an elevation of 1,600 feet. There is a good trail to the old camp from the Bear River wagon-road, passing the *Tyee* cabin at 425 feet elevation and the *Mayflower* camp at 900 feet elevation.

The vein on the *Dandy* claims is about 4 feet wide, of broken-up argillite crossed with small quartz stringers, with a continuous small vein of quartz on the hanging-wall mineralized with zinc-blende and galena, principally the former. It lies in argillite country-rock on top of a greenish porphyry dyke about 40 feet wide. It strikes N. 30° W. (mag.) and dips 63° W., conforming with the strike and dip of the dyke.

The vein cuts diagonally across the creek and here shows only a seam of ore on the hanging-wall containing very little values. On the west side of the creek a tunnel was driven a considerable distance in the early days, but the mouth of it is now blocked up by a jam of debris in the creek, which has piled the creek-gravel over the top of the tunnel. This tunnel could not have gained much depth in a couple of hundred feet, as the surface above does not rise very rapidly. A shaft is said to have been sunk to a depth of 40 feet just inside the mouth of the tunnel, following a shoot of good ore from 12 to 14 inches wide all the way down, but I doubt it from the appearance of the rest of the vein exposed. However, it would not be a difficult undertaking to clear out the creek and get into the tunnel to unwater the winze. If there is a foot of $75 ore, or even less, in the shaft, it will pay to mine and ship, as it is not over 2 miles down to the wagon-road and a 6-mile haul from there to the dock.

Tyee. This is one of the old properties worked on in the early days of the camp and is owned by Jim McKay and Charlie Bibeau, of Stewart. A shaft was sunk about 40 feet on a heavily pyritized vein, about 4 feet wide, of quartz and altered granite occurring in a granite stock. The ore carries some gold and silver values, but not enough to ship. The sulphides are too heavy to admit of sufficient concentration to raise the values to a shipping grade. A crosscut tunnel is now being driven by the owners to cut the vein, I should judge, a little lower than the bottom of the shaft and some distance to the north.

Annual Reports ot the Minister of Mine, British Columbia

1922:

page N71

Mayflower Group.

This group is situated about 1,000 feet above Bear river, on its eastern slope, between Glacier and Bitter creeks. The four claims comprising the group are *Mayflower*, *Kitty*, *Trade Dollar*, and *Blaine*, owned by H. P. Gibson, of Stewart. A few tons of ore assaying $60 a ton in gold values was shipped some years ago. This ore was obtained from a small vein of brecciated quartz and argillite lying in the Bitter Creek formation and showing that these veins contain good gold values. Higher up the hill some work has been done in stripping and open-cutting on three or four similar veins, a crosscut tunnel has been driven 20 feet, and a drift of 6 feet driven on the vein, as yet not finding important values. There is a fair surface showing in a 4-foot vein of quartz and argillite about 40 feet beyond the face of the drift. Because of the heavy overburden, drifting on the vein seems the best possible means of exploration.

Annual Reports of the Minister of Mine, British Columbia

1924:

page B64

Victoria Mines, Ltd. The *Dandy* group consists of four claims—*Dandy No. 1. Dandy No. 2. Star No. 1*, and *Star No. 2*—situated north of and adjoining the *Dunwell* group and east of the *Mayflower* group. Early in the spring this property was acquired by R. W. Martin and Eastern associates and some work done in the bed of a deep creek cutting across the claims. The work consisted of open-cutting and a crosscut tunnel about 70 feet in length. showing some small mineralized quartz veins and silicified bands bedded with the slate formation.

Later a company was organized called the Victoria Mines, Limited. with a capitalization of $500.000, divided into 500,000 shares, with the registered office at Victoria. This company started work late in the fall and up to the end of the year a crosscut tunnel had been driven 90 feet with the object of cutting any or all of the north-south series of veins prominent on the *Dunwell*, and which. according to the prospectus issued by the company, must necessarily extend into the company's ground.

Emperor Mines, Ltd. The *North Line* group includes three mineral claims and two fractions—*North Line. North Line Fraction. South Line, South Line Extension*. and *Flat Fraction*—owned by James McKay. of Stewart. and situated north of the *Lakeview* group. Last year the claims were bonded to Gus Seiffert. who organized the North and South Line Syndicate in Vancouver on a basis of 300 units of a par value of $200 a unit. To provide working funds 75 units were disposed of and work was started as early this spring as snow and trail conditions would permit. Under the supervision of Mr. Seiffert a very creditable amount and quality of work has been done this season. making a good start on a promising property.

The trail was put in passable condition from the *Lakeview* to the camp. Preliminary to starting development-work two log cabins were built. one 14 by 44 feet and the other 18 by 34 feet, for mess and bunk houses.

A great deal of surface work was done first in stripping and open-cutting at intervals of from 50 to 100 feet. this indicating a vein of from 7 to 14 feet in width. The vein has a quartz gangue mineralized with galena. zinc-blende. and pyrite.

A crosscut tunnel was driven 120 feet. striking the hanging-wall of the vein at a depth of about 85 feet. A cut of 13 feet in length was then driven across the vein without reaching the foot-wall. A drift was driven north 40 feet and another 25 feet south, both in the hanging-wall of the vein. Both faces were in good ore when work was stopped early in the winter. While the ore on the average is not high grade. it will at least make good milling-ore. with the probabilities that there will be shoots of shipping-grade ore in it.

Mr. Seiffert has now incorporated the Emperor Mines. Limited, with a capitalization of 1.500.000 shares at $1 each par value. with registered office in Vancouver. to take over the property. It is expected there will be no difficulty in proving necessary funds to proceed in the spring on a comprehensive plan of development. A trail will be recommended to the property from the *Lakeview* or whatever point is most advantageous.

Annual Reports ot the Minister of Mine, British Columbia

1925:

page A86. A87 and A88

Emperor Mines, Ltd. This company was incorporated in December, 1924, with a capitalization of $1,500,000, divided into 1,500,000 shares. Its registered office is in the Standard Bank Building, Vancouver. The claims owned by the company are situated north of the *Lakeview* and were purchased from Jas. McKay, of Stewart, the original staker. There are three claims and two fractions—*North Line*, *North Line Fraction*, *South Line*, *South Line Extension*, and *Flat Fraction*—known as the *North Line* group.

There is a first-class trail completed through to the *Lakeview* this year from the Bear River wagon-road. The portion from the *Lakeview* to the Emperor camp is in bad condition. A trail was recommended last year from the *Duncell* road to serve the *Lakeview*, Emperor, and claims beyond to the *Sunshine*, but was only constructed as far as the *Lakeview*. It will in all probability be extended next season through to the Emperor camp, which is at 2,950 feet elevation.

The country-rock, I think, would be classed as tuff. The showing is a brecciated vein, composed of quartz and country-rock more or less mineralized with pyrite, up to 20 feet in width. On the hanging-wall side is a small quartz vein varying from a few inches to a foot in width, in which very good values have been obtained. The main portion of the vein, however, is low grade, probably averaging between $10 and $12 to the ton in gold and silver.

At an elevation of 3,130 feet the first tunnel was driven 120 feet, cutting the vein at right angles at a depth of about 80 feet. The vein here is 16 feet or more in width, as the foot-wall was not reached. Drifts were run north 50 feet and south 25 feet along the hanging-wall of the vein, which strikes N. 15° W. (mag.) and dips from 80° to 85° W.

As no further depth could be obtained in drifting on this level, it was decided to start a crosscut tunnel at 2,880 feet elevation, which would obtain a depth of about 330 feet on the vein, intersecting it several hundred feet south of the upper tunnel, in a distance of about 500 feet. This work was started in the spring of 1925 and had been driven about 25 feet by the end of July, through the overburden to the solid rock. This of course had to be timbered and was slow work. In the meantime a log building 16 by 32 feet, covered with corrugated iron, was built at the mouth of the tunnel, housing a machine-shop and a 220-cubic-foot air-compressor driven by a 45-horse-power Seffle semi-Diesel engine. An exceptionally fine camp has been constructed, the main building, built of logs, being 16 feet wide by 72 feet long, and containing a well-appointed kitchen 16 by 16 feet, dining-room 12 by 16 feet, bunk-house 16 by 30 feet, and a dry-room 14 by 16 feet equipped with shower-baths and hot and cold water. The bunk-house section contains eight double-deck iron beds with mattresses. Another log building, 14 by 42 feet, has three rooms, used as manager's residence and office. Everything is most convenient and comfortable and with a small addition to the dining-room could accommodate forty men.

The mining equipment includes 3,000 feet of rails, one water Leyner machine and three jack-hammers, hoist, steel-sharpener, 2½ tons of machine-steel, 3,000 feet of assorted pipe, black-smithing outfit, drill-press, a Cameron sinking-pump, two ore-cars, 10,000-gallon-capacity oil-tank, 150 drums of crude oil, etc.; in all a very complete equipment for extensive development.

Since the installation of the compressor good progress has been made with the tunnel. Early in October a 5-foot vein was encountered at 280 feet from the portal, well mineralized with zinc-blende and pyrite. About the middle of November the big vein was struck at 470 feet from the portal and crosscut for 21 feet. The vein here shows about the same as where crossed in the upper tunnel, the manager stating that it will average a milling-grade ore. It is being drifted on to the north to get under the point at which it was cut in the upper tunnel. A raise will there be run for prospecting and ventilating purposes. The drift will be approximately 400 feet and the raise 325 feet. While the information gained so far is not conclusive, it is sufficient to give important prospective merit to the property as a milling enterprise.

The advertising statement made early in the year that there were $2,000,000 worth of ore in sight was of course unjustified and decidedly misleading.

Operations are under the very efficient supervision of G. Seiffert.

Superior Mines, Ltd. This company was incorporated in April of this year to acquire the ground adjoining the Emperor holdings on the north, through which the Emperor vein extends. It is capitalized at $500,000, divided into 1,500,000 shares, with the registered office in Vancouver. The four claims, *B.C.*, *O. & H. No. 1*, *O. & H. No. 2*, and *Albert*, were purchased outright from the owners, H. Horstman and associates. No attempt has as yet been made to explore the Emperor vein crossing this ground. A little work, consisting of shallow open-cuts and a 20-foot tunnel, has been done on a cross-vein at some distance from the Emperor vein and at 3,400 feet elevation. The showing here consists of some mineralization in small shear-veins lying on either side of a light-coloured, fine-grained dyke, the tunnel being on the foot-wall side of the dyke. High values in silver are claimed to have been found and form the reason for driving the tunnel. The intersection of this vein with the main Emperor vein should be an interesting point for exploration-work.

Annual Reports ot the Minister of Mine, British Columbia

1925 cont'd:
pages A90 and A92

Victoria Mines, Ltd. This company was incorporated in September, 1924, and is capitalized for $500,000, divided into 500,000 shares, with its head office in the Winch Building, Victoria. The property is composed of the *Dandy* group—*Dandy No. 1*, *Dandy No. 2*, *Star No. 1*, and *Star No. 2*—partially the old *Main Reef* property, lying north of and adjoining the *Dunwell* and owned by H. Horstman, of Stewart. Early in 1924 the property was optioned by R. W. Martin and Eastern associates, who did considerable work in surface cuts and a tunnel of 70 feet. After the organization of the company work was begun on a crosscut tunnel at 1,400 feet elevation, intended to cut the northern extension of the *Dunwell* series, if they extended so far. The tunnel was driven about 90 feet by the end of 1924.

In 1925 the claims were surveyed and further exploration-work was carried on under the management of A. Gaul, M.E. The old *Main Reef* vein (No. 1) was picked up on the east side of the creek, south of the old No. 2 tunnel. This vein was also traced north to the north-west corner of the *Dandy No. 2* claim, a distance of several hundred feet. A shallow tunnel was driven on it, but did not get below the surface oxidation. Another was started 100 feet lower and driven 32 feet, leaving about 20 feet farther to go to cut the vein.

With the discovery of the vein and high-grade ore on the *Sunbeam*, adjoining the *Dandy No. 1* claim on the south, the crosscut tunnel on the *Victoria* acquired great prospective importance. The *Sunbeam* vein was traced right up to the *Dandy No. 1* south line; in fact, there is an open-cut about 6 feet from the line. Open-cuts were put in on the *Victoria* ground along the strike of the *Sunbeam* vein, which were unsatisfactory on account of the very heavy overburden and surface oxidation.

The No. 4 crosscut tunnel was advanced from 90 to 430 feet without cutting the *Sunbeam* vein, though the last 50 feet shows a little mineralization and conditions similar to that vein. There is every probability of cutting the *Sunbeam* vein within a short distance. At 246 feet from the portal a vein was crossed, which no doubt is the *Main Reef* or No. 1 vein exposed in the No. 2 tunnel, from which some ore was shipped in 1925. This was drifted on 11 feet to the north and 73 feet to the south. Mr. Gaul states that the south drift is looking promising.

The property has advanced from "possibilities" to "probabilities," but I suppose the outcome will be considered speculative until ore is actually encountered and developed in the crosscut tunnel.

Silver Ledge Mining Co., Ltd. This company was incorporated in May, 1924, with a capitalization of $250,000, divided into 1,000,000 shares of 25 cents each. Its registered office is in the Central Building, Victoria. The company acquired the *Bull Dog* group, consisting of *Bull Dog* and *Bull Dog Nos. 1, 2*, and *3*, from H. A. Horstman, of Stewart. They are situated about a mile up the hill above Wards pass and north of the *Dandy No. 1* of the Victoria Mines, Limited. I understand that a trail was built up to the showings from the Bear River wagon-road and some surface work done in tracing the vein, under the supervision of H. Horstman.

Mayflower Group. This group, consisting of the *Mayflower*, *Mayflower Fraction*, *Mayflower Nos. 2, 3*, and *4*, is situated west of or down the hill from the Victoria Mines claims. The group is owned by H. P. Gibson, of Stewart, who has had two men on exploration-work all summer. Mr. Gibson states that the work uncovered two new veins, one of which, striking east-west, was exposed for about 80 feet, showing from 1 to 1½ feet of well-mineralized quartz, from which good assays were obtained. Another vein on the *Mayflower No. 2* shows 6 inches of ore, assaying up to $70 to the ton in gold, silver, and lead values, in a vein-filling several feet in width. The tunnel was also advanced a short distance.

Annual Reports ot the Minister of Mine, British Columbia

1926:

pages A91 and A92

Victoria Mines, Ltd. (*See* 1925 Annual Report.) This company was incorporated in 1924 with a capitalization of $500,000, divided into 500,000 shares, with its registered office in the Winch Building, Victoria. A little more development was done in 1926 by way of extending the crosscut tunnel, which has for its objective the cutting to the northward extension of the *Dunwell* vein, which has been traced up to the line between the two properties. The work has not yet succeeded in finding the vein.

Emperor Mines, Ltd. (*See* 1925 Annual Report.). This company was incorporated late in 1924 with a capitalization of $1,500,000, divided into 1,500,000 shares. The registered office is in the Standard Bank Building, Vancouver. No mining has been done since the big vein was cut early last winter. The mineralization consists mainly of pyrite in a brecciated quartz and greyish medium-grained rock about 20 feet wide. An independent sampling is said to have averaged $12 a ton, or about a border-line milling-ore. A small vein showing some pyritization was encountered about 200 feet from the big vein. Short drifts were run each way; in the north drift the vein opened up to about 5 feet in width of promising-looking mineralization.

It is one of the best-equipped small properties in the country and is just at the interesting stage where all dead-work has been done and the exploration of the vein can be proceeded with. An average of $12 a ton across 20 feet would seem to be sufficiently encouraging to attract development capital.

Annual Reports ot the Minister of Mine, British Columbia

1927:

page C90

Emperor Mines, Ltd.

This company was incorporated in December, 1924, with a capitalization of $1,500,000, divided into 1,500,000 shares, the registered office being in the Standard Bank Building, Vancouver. The claims owned by the company are situated north of the ukeview, or about straight up the hill from the *Dunwell*. I do not believe anything has bee done on the property since late in 1925. The showing is a wide silicified ledge in argillite mineralized with small amounts of iron, lead, and zinc sulphides. Small specks of chalcopyrite can be found and in one of the surface cuts a number of small patches of a fibrous mineral were observed, which may be jamesonite.

Very little work has been done on the surface, but several hundred feet of crosscutting has been done. At an elevation of 3,130 feet No. 1 tunnel was driven 120 feet to the vein, cutting it at 80 feet below the surface, and drifts were run both ways for 30 feet along the hanging-wall side of the vein. Sulphides are rather inconspicuous, except in the face of the south drift, where sphalerite and a little galena can be seen. Rather than continue drifting on this level, No. 2 tunnel was driven to intersect the vein about 300 feet south and 250 feet lower than No. 1 tunnel. This was driven 470 feet to the hanging-wall of the vein and continued another 33 feet, about 21 feet of which is ledge-matter. No drifting has been done on the vein from this tunnel. Samples taken in the crosscut indicate that the values are very low, running about 50 cents in gold to the ton, 1 to 3 oz. in silver to the ton, 3 to 7 per cent. zinc, and less than 2 per cent. lead.

A new vein is said to have been discovered higher up the hill, but as nothing has been done on it I did not examine it.

1928:

pages C101 and C102

Mayflower Mining Co., Ltd. (N.P.L.).

This company, with registered office in the Beaman Building, Stewart, was incorporated in March, 1928, to acquire the *Mayflower* group of claims, consisting of the *Tyee*, *Mayflower*, *Mayflower Fraction*, *Mayflower 2*, *3*, and *4*, and the *Alice Nos. 1*, *2*, *3*, and *4* claims. The group is approximately 5 miles from Stewart, on the east side of the Bear River valley. The cabin and showings are at about 300 feet elevation and are reached by a trail which leaves the road into the *Ben Ali* showings of the *Dunwell* property, a hundred yards or so before the road reaches the small creek flowing along the foot of the mountain.

The main showing is a vein in the small stock of granitic material which contains the *Ben Ali* vein of the *Dunwell* property. Both veins are shear-zones in the granitic material, mineralized with quartz, pyrite, and chalcopyrite, and both are known to contain gold values. The *Mayflower* vein on the *Tyee* claim strikes north-west and dips at 65° to 70° north-east. It is exposed just behind the cabin for a distance of 50 feet or less. In the northerly cut it is about 12 feet wide. A shaft, now filled with water, has been sunk on the vein at the southerly cut, leaving exposed only about 3 feet of the hanging-wall section of the vein. A sample of this 3 feet assayed: Gold, trace; silver, 3.2 oz. to the ton; copper, 1 per cent.

A few feet below camp elevation, in a small creek-bed, is the portal of a 120-foot crosscut tunnel driven towards the vein. Between 27 and 30 feet from the face is a well-mineralized vein, from which a 3-foot sample, taken along the south wall of the crosscut, assayed: Gold, 0.14 oz. to the ton; silver, 1.1 oz. to the ton; copper, trace. Near the face a small stringer was found drifted on to the right in a S. 60° E. direction for 21 feet. A third small vein was cut at the portal of the tunnel.

The samples taken show that gold is found in the vein in encouraging amounts, and it is possible that further exploration might discover better values than are recorded here. Some high gold values are reported from this zone in previous Annual Reports.

Annual Reports of the Minister of Mine, British Columbia

1934:

page B23

King. This group of fourteen claims is owned by J. Rochfort and associates, of Stewart, and adjoins the *Dunwell* on the north-east and lies northerly of the *Lakeview* group. The claims embrace a 1934 restaking of the property of old Emperor Mines, Limited. The property is reached by a good trail branching from the *Lakeview–Dunwell* trail. Considerable underground work was carried out by the Emperor Mines, Limited, and the property equipped with necessary buildings at elevation 2,880 feet and efficient machinery for exploratory work. The property is referred to in the 1920, 1925, 1926, and 1928 Annual Reports and also in the Geological Survey of Canada Memoir 159, 1929.

The main showing consists of a well-defined quartz vein about 15 feet wide, strike about north 15 degrees east, dip 50 degrees west, apparently following a fault-plane between two dykes. The vein is generally sparsely mineralized with pyrite, some chalcopyrite, galena, jamesonite, and possibly a manganese mineral. The strike and dip of the vein are similar to the strike and dip of the siliceous argillites of the Bitter Creek series. The latter are intruded by numerous granitic and lamprophyre dykes.

Very little surface work has been done, but two crosscut adits have intersected the main vein showing good definition but sparse mineralization. A sample across 5 feet of the best-mineralized section of the vein on the east side of the lower crosscut at elevation 2,880 feet assayed: Gold, 0.04 oz. per ton; silver, 3.9 oz. per ton; copper, 0.1 per cent.; lead, 0.5 per cent.; zinc, 14 per cent. An old adit ("McKay") and cut southerly from the surface outcrop above the upper adit shows intense oxidation evidently derived from sulphide mineralization. Other showings are reported but were not examined.

In view of the good width and definition of this vein and the fact that the small amount of work, particularly on the surface, along the strike has not adequately prospected this structure for the possible occurrence of ore-shoots, it is considered to be worthy of further exploration. This could constructively be carried out by surface-trenching and open-cutting both north and south of the known outcrop.

1935:

page B26

Mayflower.—(*See* Annual Reports of Minister of Mines, 1918, 1922, 1925, 1928, 1930, and Geological Survey of Canada Memoir No. 159.) This group of eight claims, situated on the east side of the Bear river, is reached by a good trail about half a mile long commencing at a point about 6 miles by road from Stewart. In former years open-cuts and adits were excavated on showings in proximity to the cabin. In recent years a new discovery was made in an open-cut at elevation of 800 feet in a creek-draw several hundred feet south of the above work. In the late autumn further exploration of the property was taken over by Clay Porter, of Hyder, and underground operations commenced.

Annual Reports of the Minister of Mine, British Columbia

1936:

page 817

Mayflower. This group of ten claims and fractions owned by H. P. Gibson, of Stewart, is situated on the east side of the Bear River Valley, about 6 miles from seaboard at the village of Stewart, Portland Canal Mining Division. The southerly claims of the group are adjoined on the south by the northerly claims of the Dunwell Mines, Limited, and to the east the group is adjoined by the *Silver Ledge* group and Victoria Mines property. To the west the claims abut on the Bear River Valley bottom. The property is reached by the Bear River Motor-road from Stewart for 6 miles to elevation 200 feet, from where a trail switchbacks for half a mile up the 20-degree rocky slope of the mountain to the cabin at elevation 410 feet. The west slope of the mountain, along which the claims are, located between 200 and 1,500 feet elevation, is thickly timbered with hemlock, cedar, and some spruce, and slopes through rock bluffs and ridges at an average angle of about 27 degrees to the Bear River Valley.

The claims were staked about twenty years ago and in 1928 the Mayflower Mining Company, Limited, was formed and carried out some underground exploration. Since that time intermittent exploration has been done by lessees and during 1936 some prospecting was done. The original discoveries were in the vicinity of the cabin, but about three years ago a new discovery was made several hundred feet southerly of these.

2

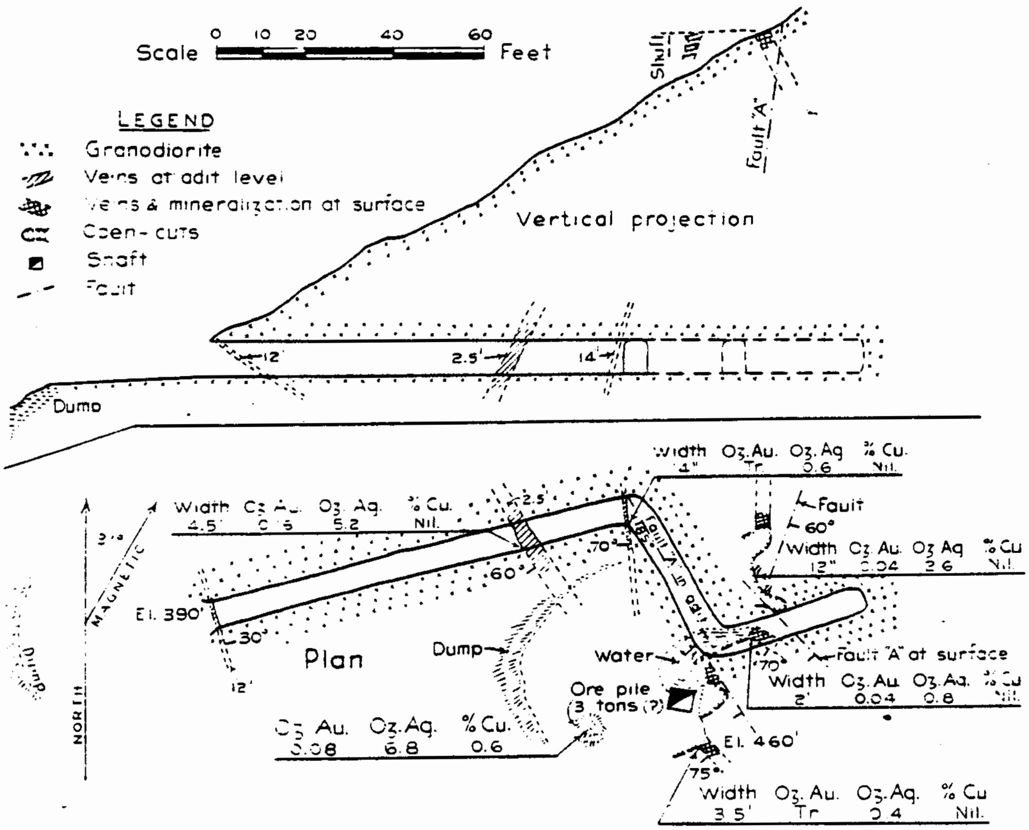
The rock formation of the locality is a small stock of granodiorite intrusive into argillite, tuffaceous sediments, and tuffs of the Bear River formation (lower Hazelton group). The exposed granodiorite occupies a strip aligned north-south, parallel with the Bear River Valley for a length of about 6,000 feet and a width of about 1,200 feet between the valley-bottom at 200 feet elevation to around 1,500 feet elevation. The granodiorite is generally phanerocrystalline with accessory biotite and hornblende. Major jointing strikes north 30 to 60 degrees west and dips steeply south, and minor jointing strikes north and dips steeply east.

The mineral deposit consists of quartz veins and lenses occupying joint-planes in granodiorite, locally sheared, and mineralized with pyrite, chalcopyrite, some galena and sphalerite. On the adjoining *Ben Ali* claim of the Dunwell Company a vein in the southerly section of the granodiorite stock, with similar mineralization as those on the *Mayflower*, contains good gold values and has been extensively mined.

Annual Reports ot the Minister of Mine, British Columbia

1936:

page B17



Mayflower Group. Plan and Section of Workings.

On the *Tyee* claim of the *Mayflower* group at elevation 410 feet and about 300 feet east of the cabin a series of open-cuts along the edge of a low bluff expose irregular and lenticular quartz veins and silicification mineralized with pyrite and some sphalerite in blebs and patches. In the most northerly cut a well-defined quartz vein well mineralized with pyrite is exposed, striking north 2 degrees east and dipping 65 degrees east. The vein is obscured by overburden to the north and by talus in the cut. In the southerly extension of the cut along the bluff two patches of quartz, 12 inches wide and well mineralized with pyrite, are exposed on the foot-wall side of a fault which strikes north-easterly and dips 60 degrees south-easterly. A sample across the most westerly quartz-pyrite patch assayed: Gold, 0.04 oz. per ton; silver, 2.6 oz. per ton; copper, *nil*. The vein or veins exposed in these cuts are probably faulted by "A" fault, which is exposed in the cut about 20 feet south of the most northerly cut. The surface exposures south of Fault "A" cannot be definitely correlated with the quartz vein in the north cut.

About 5 feet south of Fault "A" a quartzose shear 2 feet wide is exposed in a cut along the brow of the bluff. This strikes south 60 degrees east and dips 70 degrees south-westerly and is sparsely mineralized with pyrite. A sample across 2 feet in this exposure assayed: Gold, 0.04 oz. per ton; silver, 0.8 oz. per ton; copper, *nil.*

About 10 feet south-easterly of this a crescent-shaped cut exposes about 8 feet of siliceous replacement in granodiorite moderately mineralized with pyrite at the north side of the cut and apparently contained in a weak structure striking north-west and dipping steeply south-west. About 5 feet south of this cut siliceous replacement 3.5 feet wide, sparsely mineralized with pyrite, is exposed on the brow of the bluff. This structure strikes south 41 degrees east and dips 75 degrees south-west, and a sample across 3.5 feet assayed: Gold, trace; silver, 0.4 oz. per ton; copper, *nil.* A shaft adjacent to the crescent-shaped cut was filled with water. These structures have not been traced on the surface beyond the cuts where possible continuity is obscured by heavily-timbered and somewhat bouldery overburden.

At elevation 390 feet in the bed of a small creek 120 feet west of these cuts, an adit has been driven north 77 degrees east for 99 feet in granodiorite. At the portal a quartz vein 12 inches wide moderately mineralized with pyrite, striking north 15 degrees west and dipping 30 degrees north-easterly, is intersected. At 71 feet a quartz vein 2.5 to 4.5 feet wide well mineralized with pyrite and sparse galena and sphalerite, striking north 33 degrees west and dipping 60 degrees south-westerly, is intersected. A sample across this vein, 4.5 feet wide on the south wall of the adit, assayed: Gold, 0.16 oz. per ton; silver, 5.2 oz. per ton; copper, *nil.* At 99 feet the adit intersects a quartz vein 14 inches wide, striking north 10 degrees west and dipping 70 degrees west. This vein is sparsely and irregularly mineralized with blebs and small patches of pyrite. A sample across 14 inches in the south wall of the adit assayed: Gold, trace; silver, 0.6 oz. per ton; copper, *nil.* This vein should junction with the second vein at about 50 feet south of the adit. At the north wall of the adit the vein is intersected by a fault striking north 28 degrees west and dipping 85 degrees south-westerly. This is quite possibly Fault "A" exposed in the surface cuts. For some unknown reason the vein has been left unexplored in the south wall of the adit and the fault was drifted on for 36 feet, showing a few narrow patches of barren quartz. The working is then turned north 70 degrees east for 36 feet in barren granodiorite.

Several hundred feet southerly of these showings a new discovery was made in a deep creek-draw. This consists of a sheared quartz vein locally well mineralized with pyrite, chalcopyrite, some sphalerite and galena, striking north 66 degrees west and dipping 67 degrees south-westerly. The vein occurs in granodiorite close to the contact with the overlying volcanics of the Bear River series. The vein outcrops in the steep bed of a creek-draw and at elevation 800 feet an open-cut has been excavated on the showing. This exposes a width of 41 inches of sheared quartzose vein material, of which 18 inches on the hanging-wall is well mineralized. A sample across 41 inches at the bottom of the cut assayed: Gold, 0.2 oz. per ton; silver, 1.8 oz. per ton; copper, trace; lead, *nil;* zinc, 2 per cent.

Continuity of the vein above and below this showing is obscured by overburden and slide-rock in the creek-draw, but at about elevation 1,500 feet an exposure of similar mineralization occurring in hybrid contact-rocks may possibly be correlated with the lower exposure. During 1935 some further exploration of this occurrence was carried out in an adit by a lessee. The results of this work are reported to have been discouraging.

In view of the good gold values in quartz veins similarly mineralized and occurring in the same granodiorite stock on the *Ben Ali* claim, adjoining the *Mayflower* on the south, further exploration of the *Mayflower* veins and detailed surface-prospecting of the *Mayflower* ground is warranted.

G.S.C. Memoir 32

1913:

pages 42 and 43

The Main Reef.

This claim is situated about half a mile north of the Sunbeam and may possibly be on the same zone of fissuring. The vein explored is narrow, in places practically a single, well-defined line of fissuring, bordered by crushed slates. It overlies a large, westerly dipping dioritic dyke, which forms the foot-wall of the vein in portions of its course, and in others is separated from it by a few feet of argillite.

The vein or fissure has a general direction of N. 10° E. but curves slightly along its course, and it has a westerly dip of from 30° to 50°. It has been explored by a drift for a distance of 240 feet. Near the mouth a small ore-shoot up to 30 inches in width and about 40 feet in length was encountered, and light mineralization continues to the face. Near the end of the drift small bunches of galena in a calcite gangue occur in the fractured slates.

The ore consists of pyrite, galena, and blend in a calcite gangue. Four tons of picked ore, shipped, yielded:—

Gold, 0·7 ounce; silver, 20·94 ounces; lead, 23 per cent.

Several other showings on the claims have been prospected, one situated at the base of the same large dyke which underlies the main lead. This consists of 4 to 5 feet of silicified slates, mineralized with pyrite, blende, and some galena and chalcopyrite.

OTHER SHOWINGS IN THE VICINITY OF GLACIER CREEK.

Tyee.

The Tyee is situated on the Main Reef trail from Bear river at an elevation of 300 feet above the valley. The argillites here are cut by a granitic stock, and the showing occurs in fractured granite. The development work consists of a shaft, filled with water at the time of my visit, and an open-cut 40 feet to the north. Three feet of shattered and partially silicified granite, holding considerable pyrite and occasional bunches of chalcopyrite, are exposed in the cut.

Annual Reports ot the Minister of Mine, British Columbia

1965:

page 52

Emperor (Silver Arrow Mines Ltd.)*

(56° 129° S.W.) Company office, 800, 789 West Pender Street, Vancouver 1. F. S. Hofman, president. The company holds 65 claims by record on the north side of Glacier Creek about 6 miles north of Stewart. Work at the claims during 1965 included prospecting and tracing surface mineralization. About 300 feet of the Emperor vein was traced and stripped, the old adits were cleaned out, and an old bunk-house rehabilitated.

[Reference: *Geol. Surv., Canada,* Mem. 175, 1935, pp. 113–114.]

G.S.C. Memoir 159

1929:
pages 40, 41 and 42

TYEE GROUP

The claims of the Tyee group are at an elevation of 500 feet on the east side of Bear river between Glacier and Bitter creeks. The country rock is a stock of granodiorite intrusive into volcanic rocks. A quartz vein 1 to 5 feet wide and 75 feet long is exposed by a shaft and open-cuts. The vein strikes northwest, is vertical, and consists of quartz and sulphides in approximately equal amounts by volume. The sulphide is chiefly pyrite, but some chalcopyrite is present. A crosscut adit 60 feet below the vein-outcrop, has not been driven far enough to reach the vein. The vein matter is not of commercial grade, but locally assays several dollars per ton in gold.

MAYFLOWER GROUP

The Mayflower group is 1,000 feet above sea-level east of Bear river between Glacier and Bitter creeks and adjoins the Tyee group on the east. The country rocks are tuffaceous sediments and tuffs of the lower part of the Bear River formation. The stock of granodiorite on which the Tyee is located outcrops just below the Mayflower claims.

The workings consist of several open-cuts and three short adits. A shear zone 2 feet or less wide extends up hill in an easterly direction for 300 feet in the bottom of a small creek. The zone contains a quartz vein very sparsely mineralized with sulphide. Several quartz veins, individually a little wider than the one in the shear zone, join it and the adits have been driven along these branch veins. Two of the branch veins are 1 to 3 feet wide and are well mineralized with pyrite, galena, sphalerite, and chalcopyrite. The bare metals, however, are not present in sufficient quantity to constitute commercial ore.

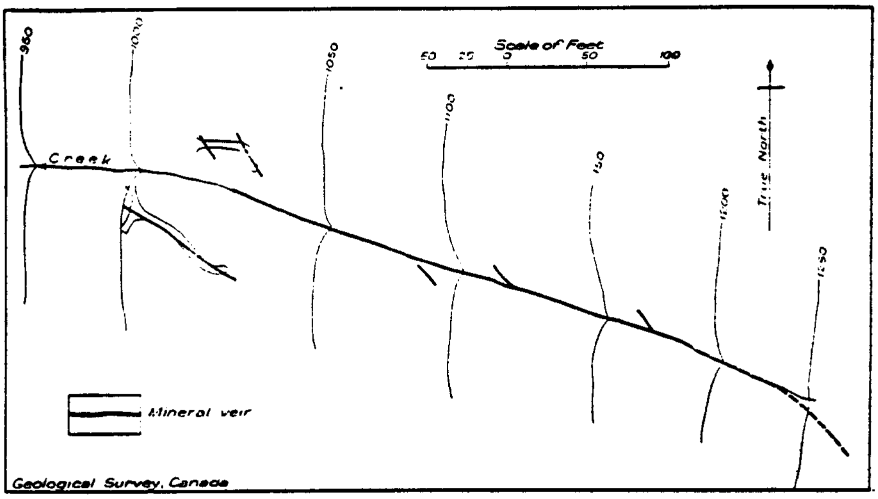


Figure 7. Plan showing vein system on Mayflower group.

Figure 7 shows the location of the veins exposed on the Mayflower group.

EMPEROR MINES, LIMITED

The holdings of Emperor Mines, Limited, are situated between Glacier and Bitter creeks at an elevation of 3,000 feet. A good deal of snow was on the ground at the time the property was visited and some of the open-cuts were not visible.

The country rock is argillite of the Bitter Creek formation striking north and dipping west at moderate angles. Numerous dykes and sills of quartz diorite, gabbro, and lamprophyre occur intruding the argillite.

Two quartz veins occur on the property. The veins are parallel, 200 feet apart, strike north, and dip 50 degrees west. The more easterly vein is 6 to 30 feet wide and has been traced by open-cuts for 500 feet. The other vein is 6 feet wide, is not known on the surface, and only in one place underground. The veins consist chiefly of quartz and a little calcite and are sparsely mineralized with pyrite, galena, sphalerite, and jamesonite. The smaller vein is a single body, but the larger one in places where it is widest consists of closely spaced quartz veins separated by argillite.

The quartz, like that in other veins in the vicinity east of the Portland Canal fissure zone, is habitually drusy. The ore minerals are disseminated through the vein, but not in sufficient quantity to constitute commercial ore.

The underground development consists of three adits driven in an easterly direction to cut the large vein. The upper adit is a crosscut for 125 feet where it enters the large vein. A drift follows the vein for 60 feet. A fault with strongly marked horizontal grooves is the east wall of the vein in this adit. The next adit 200 feet southeast and 10 feet lower than the upper adit is 30 feet long and is little more than a large open-cut on the large vein. The lowest adit 650 feet southwest of the upper adit and 180 feet lower is 950 feet long and reaches the smaller vein at 520 feet from the portal and the large one at the face. On this adit a fault with horizontal grooves is the west wall of the smaller vein. This fault is west of, and parallel to, the one in the upper adit.

G.S.C. Memoir 175

1935: pages 113 and114

Emperor Mines, Limited (Locality 68)

References: Annual Report of the Minister of Mines, British Columbia, 1923, 1924, 1925, 1926, and 1927; Geol. Surv., Canada, Memoir 159.

The holdings of Emperor Mines, Limited, are situated between Glacier and Bitter creeks at an elevation of 3.000 feet. A good deal of snow was on the ground at the time the property was visited and some of the open-cuts were not visible.

Prior to 1925 the holdings were referred to as the North Line group.

The country rock is argillite of the lower part of the Hazelton group striking north and dipping west at moderate angles. Numerous dykes and sills of quartz diorite, gabbro, and lamprophyre occur intruding the argillite.

Two quartz veins occur on the property. The veins are parallel, 200 feet apart, strike north, and dip 50 degrees west. The more easterly vein is 6 to 30 feet wide and has been traced by open-cuts for 500 feet. The other vein is 6 feet wide, is not known on the surface, and only in one place underground. The veins consist chiefly of quartz and a little calcite and are sparsely mineralized with pyrite, galena, sphalerite, and jamesonite. The smaller vein is a single body, but the larger one in places where it is widest consists of closely spaced quartz veins separated by argillite. The quartz, like that in other veins in the vicinity east of the Portland Canal fissures zone, is habitually drusy. The ore minerals are disseminated through the vein, but not in sufficient quantity to constitute commercial ore.

The underground development consists of three adits driven in an easterly direction to cut the large vein. The upper adit is a crosscut for 125 feet where it enters the large vein. A drift follows the vein for 60 feet. A fault with strongly marked horizontal grooves is the east wall of the vein in this adit. The next adit 200 feet southeast and 10 feet lower than the upper adit is 30 feet long and is little more than a large open-cut on the large vein. The lowest adit 650 feet southwest of the upper adit and 180 feet lower is 500 feet long and reaches the smaller vein at 270 feet from the portal and the large one at the face. On this adit a fault with horizontal grooves is the west wall of the smaller vein. This fault is west of, and parallel to, the one in the upper adit.

Mayflower Group (Locality 70)

References: Annual Report of the Minister of Mines, British Columbia, 1918, 1922, 1925, 1928, and 1930; Geol. Surv., Canada, Memoir 159.

The Mayflower group is 1,000 feet above sea-level east of Bear river between Glacier and Bitter creeks and adjoins and lies east of the Tyee group. The country rocks are tuffaceous sediments and tuffs of the lower part of the volcanic member of the Hazelton group. The stock of granodiorite on which the Tyee is located outcrops just below the Mayflower claims.

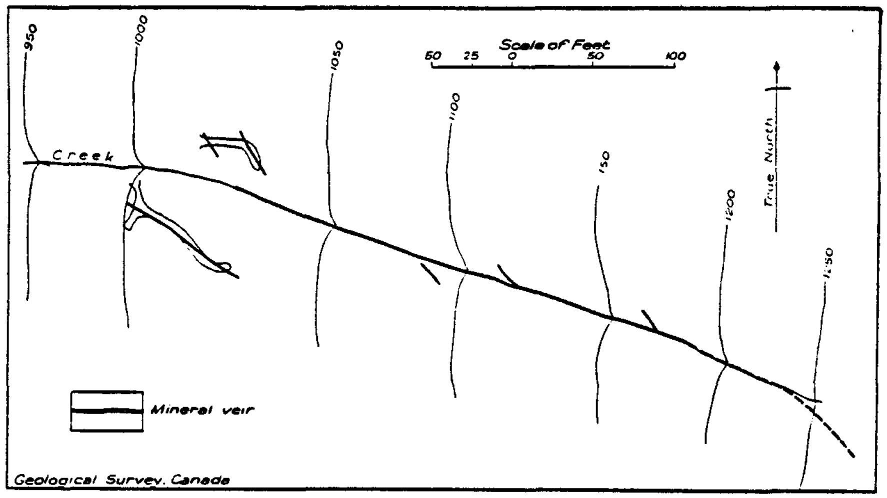


Figure 11. Plan showing vein system on Mayflower group.

The workings consist of several open-cuts and three short adits. A shear zone, 2 feet or less wide, extends up hill in an easterly direction for 300 feet along the bottom of a small creek. The zone contains a quartz vein very sparsely mineralized with sulphide. Several quartz veins, individually a little wider than the one in the shear zone, join it and adits have been driven along these branch veins. Two of the branch veins are 1 to 3 feet wide and are well mineralized with pyrite, galena, sphalerite, and chalcopyrite.

G.S.C. Memoir 175

1935: pages 148 and149

Superior Mines, Limited (Locality 67)

Reference: Annual Report of the Minister of Mines, British Columbia, 1925.

Superior Mines, Limited, was organized in 1925 to acquire a group of claims on Glacier creek adjoining and lying north of the Emperor group. A little work was done on two, narrow, mineral bodies on the sides of a light-coloured dyke. Good values in silver are reported.

Tyee Group (Locality 71)

References: Annual Report of the Minister of Mines, British Columbia, 1909 and 1921; Geol. Surv., Canada, Memoirs 32 and 159.

The claims of the Tyee group are at an elevation of 500 feet on the east side of Bear river between Glacier and Bitter creeks. The country rock is a stock of granodiorite that intrudes volcanic rocks. A quartz vein 1 to 5 feet wide and 75 feet long is exposed by a shaft and open-cuts. The vein strikes northwest, is vertical, and consists of quartz and sulphides in approximately equal amounts by volume. The sulphide is chiefly pyrite, but some chalcopyrite is present. A crosscut adit 60 feet below the vein-outcrop has not been driven far enough to reach the vein. The vein matter locally assays several dollars a ton in gold.

Victoria Mines, Limited (Locality 69)

References: Annual Report of the Minister of Mines, British Columbia, 1909, 1921, 1924, 1925, and 1926; Geol. Surv., Canada, Memoirs 32 and 159.

The holdings of Victoria Mines, Limited, consist of the Dandy and Main Reef groups situated at the northern end of the Portland Canal fissure zone. The country rock is argillite of the upper part of the lower sediments of the Hazelton group. Volcanic rocks overlie the sediments on the lower part of the property and the lowest adit begins in volcanic rock. Two adits on the property are each 400 feet long. Seven others are individually 60 feet or less in length.

Several veins striking north and dipping west have been found on the property. The Main Reef vein is known to be at least 700 feet long and varies from 1 to 4 feet in width. It is exposed on the surface 100 feet above No. 2 adit, has been drifted on for 400 feet in No. 2 adit, and is crosscut by No. 4 adit 120 feet lower. The vein, therefore, is known to extend to a depth of 220 feet. In most places the vein is in contact with a narrow, fine-grained dyke. The vein consists of quartz mineralized with pyrite, galena, and sphalerite. In most places the vein is below commercial grade, but a small shoot of ore from which some ore has been shipped exists in No. 2 adit near the portal.

Another vein is crosscut by No. 4 adit. This vein is 3 feet wide, is associated with a narrow, parallel dyke, and consists of quartz sparsely mineralized with pyrite, galena, and sphalerite. The vein is not known elsewhere on the Victoria holdings. Several other quartz sulphide veins opened by short adits exist farther up the hill. Only one of these, No. 10, is shown on Figure 1. The veins are 1 to 4 feet wide and consist of quartz mineralized with pyrite, galena, and sphalerite. The two uppermost veins contain a little chalcopyrite and arsenopyrite, as well as the usual pyrite, galena, and sphalerite.

A 4-ton shipment of ore made in 1909 yielded 0·7 ounce of gold, and 20 ounces of silver a ton and contained 23 per cent lead. A 7-ton shipment in 1925 yielded 0·6 ounce of gold and 30 ounces of silver a ton and contained 35 per cent lead and 10 per cent zinc.

APPENDIX 2

Table of analytical results
Soils

NORTHING metres	EASTING metres	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Co ppm	As ppm	Bi ppm	Mo ppm
1000	-340	2.0	0.8	133	40	183	7	24	51	2	4
1000	-320	1.0	0.5	53	26	86	2	9	39	2	2
1000	-280	6.0	0.4	53	22	199	2	22	28	2	2
1000	-500	8.4	0.8	34	16	93	2	6	39	2	3
1000	-480	19.2	0.5	74	29	123	2	19	71	2	8
1000	-460	22.1	1.3	90	6	280	2	20	34	2	3
1000	-420	13.2	0.5	50	22	98	2	9	53	2	5
1000	-260	10.4	0.8	29	16	76	2	4	24	2	4
1000	-240	25.2	0.3	20	3	212	2	13	5	2	1
1000	-140	8.8	0.7	45	19	100	2	8	39	2	5
1000	-80	10.5	0.6	34	33	57	5	3	23	2	5
1000	-40	9.7	0.4	23	23	91	3	7	34	2	4
1000	-20	12.7	2.2	46	31	86	3	6	45	2	2
1000	0	8.6	0.7	46	15	78	2	7	36	2	4
900	20	9.2	0.3	80	25	1282	2	15	9	3	4
900	40	12.2	0.7	52	21	118	2	4	22	2	10
900	60	12.2	0.4	116	26	148	2	23	38	2	3
900	140	42.8	0.4	70	10	72	2	8	50	2	1
900	180	8.3	0.5	47	33	110	3	11	37	2	4
900	200	27.3	0.5	56	24	108	3	9	46	2	3
900	220	17.0	0.3	46	23	104	2	8	41	2	4
900	240	16.9	0.4	61	29	107	3	15	43	2	3
900	260	16.6	0.3	56	29	115	2	9	45	2	3
900	280	21.0	1	154	27	281	3	35	930	2	2
900	300	9.9	0.4	63	7	83	2	15	132	2	1
850	0	16.5	0.2	22	19	79	2	5	28	2	2
850	50	6.1	0.3	114	18	101	2	7	25	2	4
850	100	30.9	1	75	19	106	2	11	44	2	2
850	150	21.5	0.3	81	18	95	2	8	47	2	3
850	180	14.6	0.6	57	23	85	2	8	36	2	2
850	250	1.5	0.2	17	10	71	2	11	93	2	1
850	300	10.6	0.3	63	7	71	2	15	13	2	2
800	0	1.4	0.5	61	17	78	2	5	103	2	1
800	50	9.8	0.2	30	17	69	2	3	25	2	4
800	100	16.4	0.7	53	8	56	2	5	70	2	2
800	150	30.3	0.1	149	16	92	3	12	26	2	6
800	200	6.9	0.4	79	15	95	2	8	38	2	2
800	250	6.5	0.3	82	25	132	2	22	170	2	2
750	90	15.8	0.4	40	13	69	2	6	33	2	2
750	200	5.5	0.3	42	50	80	4	7	47	2	3
750	250	11.5	0.3	57	30	104	2	10	37	2	2
750	300	6.8	0.2	34	19	49	2	4	34	7	3
700	50	12.6	0.4	48	18	131	3	7	153	2	5
700	200	7.1	0.2	26	13	44	2	3	44	2	3
700	250	31.2	0.1	70	24	136	2	22	748	2	2
700	300	6.1	0.4	92	11	50	3	5	128	2	3
650	0	23.6	0.3	54	16	55	2	4	130	2	3
650	50	6.6	0.3	105	20	176	4	32	186	2	5
650	60	7.2	2.2	141	12	56	2	3	306	2	4
650	100	10.3	0.2	62	10	71	8	7	93	2	1
650	300	3.6	0.1	123	6	53	2	8	32	2	1
600	0	26.5	0.8	39	22	62	5	4	234	3	3
600	20	37.5	1.4	219	19	87	6	4	170	4	3
600	40	47.6	0.8	141	18	105	7	6	827	2	7
600	60	45.9	1	179	35	110	9	8	362	2	4
600	160	5.9	0.1	74	22	84	6	5	71	2	21
600	180	12.4	0.3	64	23	86	2	6	99	2	5
600	260	15.8	0.2	59	9	103	6	8	19	2	1
600	280	12.2	0.7	65	18	73	3	8	64	2	3
600	300	1.9	0.2	44	10	48	2	3	8	2	2
550	250	5.3	1.3	45	13	58	2	4	57	2	1
500	50	21.7	1.3	72	48	213	6	4	127	2	7
500	150	15.8	0.2	54	25	103	2	7	72	3	3
450	250	13.8	0.7	107	27	135	2	12	93	3	3
450	300	3.8	0.2	84	22	62	10	5	59	2	4
400	20	17.1	0.5	54	33	101	3	6	70	2	5
400	60	19.8	0.4	103	28	131	9	12	55	2	5
400	100	56.8	0.9	68	33	76	2	5	272	3	2
400	180	24.8	0.3	123	30	141	8	24	113	2	2
400	280	8.8	0.4	85	25	114	7	11	60	2	2
400	300	13.6	0.5	91	9	46	2	2	72	5	8
950	-400	13.6	0.1	31	31	56	2	9	72	10	12
950	-320	14.3	0.1	94	31	230	14	9	54	2	4
950	-240	5.9	0.4	22	33	158	7	9	36	2	3
950	-220	4.1	0.1	50	22	131	7	25	50	2	4
950	-200	6.3	0.1	51	24	103	12	15	47	5	3

NORTHING metres	EASTING metres	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Co ppm	As ppm	Bi ppm	Mo ppm
950	-180	13.6	0.1	47	29	67	9	8	47	5	9
950	-160	22.5	0.4	98	35	212	9	20	63	6	6
950	-140	14.7	0.7	56	31	104	2	16	70	7	6
950	-120	7.7	2	43	50	106	9	48	52	6	7
950	-100	15.2	0.4	43	31	94	2	13	52	2	7
950	-80	7.6	0.1	43	29	89	3	9	53	6	5
950	-60	11.0	0.1	34	30	68	10	8	45	3	5
950	0	12.5	0.9	48	24	75	3	6	28	2	6
900	-260	11.5	0.1	88	27	93	11	21	49	2	3
900	-220	13.2	0.4	63	40	272	12	25	72	2	6
900	-180	16.9	0.1	54	33	83	8	11	58	3	5
900	-160	13.9	0.1	53	44	85	10	9	130	2	5
900	-140	170.0	0.1	66	40	157	5	12	108	6	7
900	-120	11.3	0.5	84	40	110	16	16	54	2	5
900	-80	7.8	0.1	33	30	105	5	9	40	2	7
850	-280	35.1	0.1	79	30	443	16	20	62	2	5
850	-260	9.0	0.3	70	31	199	10	13	54	5	6
850	-220	5.6	0.2	49	32	134	17	11	50	2	5
850	-200	25.9	0.6	143	53	127	27	15	150	2	5
850	-90	22.5	0.1	97	43	150	17	22	55	6	7
850	-80	19.8	0.1	49	23	98	7	11	346	2	6
800	-260	16.3	0.1	40	35	105	4	10	113	5	10
800	-105	10.4	0.1	37	42	76	7	11	48	5	13
750	-330	7.0	0.4	36	33	91	5	13	48	3	7
750	-293	18.7	1.6	98	62	102	35	31	65	2	12
750	-220	13.3	0.1	30	36	233	11	10	44	2	5
700	-260	27.0	0.1	29	34	72	3	11	257	2	9
700	-200	33.9	0.1	132	50	169	7	35	69	4	14
700	-160	36.8	0.1	72	41	114	16	9	378	4	7
700	-40	10.8	0.8	126	32	54	9	10	129	2	4
650	-290	42.7	0.7	63	46	153	10	6	367	4	10
650	-150	78.9	0.8	160	22	148	2	60	303	4	6
650	-110	33.3	2	175	9	53	2	4	367	3	2
600	-137	38.9	0.3	136	37	147	2	11	184	5	13
600	-80	241.5	0.6	122	55	70	2	2	525	5	7
550	-20	23.6	0.4	32	45	80	2	3	372	2	4
500	-200	22.3	0.8	60	105	85	2	8	56	2	3
500	-50	21.9	0.3	36	46	46	2	2	50	2	6
450	-260	21.2	2	64	37	94	2	48	79	2	3
450	-200	18.3	1.1	99	21	88	2	6	41	2	2
450	-110	22.1	0.2	38	19	63	2	2	131	2	8
450	-80	27.8	0.6	31	32	51	2	6	423	2	5
450	-60	7.8	1.2	54	43	84	3	5	21	2	6
450	-40	19.9	0.4	49	27	74	5	4	61	2	6
400	-250	29.2	0.2	41	22	48	2	4	49	2	6
400	-220	6.6	0.7	41	25	61	3	8	32	2	2
400	-140	15.0	1.4	56	24	129	2	7	59	2	7
400	-100	18.7	0.2	55	23	138	2	7	42	2	3
400	-30	11.2	1.1	72	18	59	2	4	22	2	2
300	-220	12.6	0.7	80	34	138	2	10	41	2	5
300	-160	13.8	0.3	18	26	63	2	5	26	2	5
300	-140	7.9	1	47	22	71	2	6	35	2	5
300	-25	17.7	0.5	26	29	50	2	4	61	2	5
300	0	11.4	0.2	26	15	56	2	5	54	2	6
200	-80	3.4	0.8	35	13	54	2	5	47	2	2
200	-60	24.5	0.3	45	22	66	2	5	52	2	1
100	-100	11.2	0.1	66	19	162	4	7	453	2	4
100	-60	11.5	0.7	42	18	95	2	4	180	2	17
0	-160	15.9	0.5	32	56	309	2	83	200	2	28
950	20	49.6	0.1	132	13	209	4	22	15	2	2
950	40	11.9	0.7	15	19	62	2	4	14	5	3
950	60	8.1	2.3	48	26	78	2	5	29	3	3
950	80	6.7	1.8	99	10	102	2	8	37	2	3
950	100	7.2	0.7	41	14	87	2	14	92	3	1
950	120	8.7	0.3	41	19	102	2	8	26	6	3
950	140	6.1	0.3	38	13	49	2	6	25	4	5
950	260	37.8	1.1	40	16	81	2	6	10	5	1
950	300	5.0	0.2	36	17	72	2	9	3	3	1
900	320	6.4	0.5	36	20	67	2	8	44	4	1
900	340	5.2	1.3	54	14	61	2	7	8	5	2
900	380	6.7	0.1	83	29	109	2	16	126	3	7
900	420	5.4	1	220	18	102	2	9	36	5	15
900	460	17.7	2.3	328	721	218	3	9	64	3	3
800	320	7.1	0.1	66	21	157	2	13	92	4	1
800	360	13.4	1.9	206	28	374	3	34	321	4	15
800	400	3.4	0.3	156	18	197	2	12	60	6	3

NORTHING metres	EASTING metres	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Co ppm	As ppm	Bi ppm	Mo ppm
800	420	1.7	0.5	58	11	85	2	9	47	5	6
800	440	3.4	0.2	351	9	74	2	47	13	4	9
800	480	6.3	0.2	321	17	112	2	16	62	3	3
700	320	13.9	0.5	32	16	94	2	15	173	4	4
700	380	10.6	0.2	84	23	88	2	8	82	4	12
700	420	3.8	0.2	235	7	82	2	12	19	4	5
700	440	5.5	0.4	33	10	43	2	4	18	6	10
700	460	3.2	0.2	74	13	117	2	22	37	4	1
700	490	2.7	0.2	102	8	68	2	13	12	3	1
700	500	3.3	0.1	71	10	56	2	5	10	3	6
600	360	18.8	0.3	69	23	105	2	12	82	2	2
600	420	0.9	0.4	100	22	150	2	17	4	4	4
600	440	7.9	0.3	55	37	77	2	6	47	5	8
600	460	2.5	0.4	98	13	62	2	6	16	3	5
600	480	6.5	0.4	93	23	88	2	8	26	5	2
600	500	11.4	0.5	238	7	67	3	20	9	5	4
500	340	6.4	0.3	73	14	89	2	7	60	4	3
500	470	3.0	0.4	150	6	59	2	7	6	4	4
500	480	4.3	0.9	119	12	55	2	6	4	6	3
500	500	5.9	0.7	115	98	193	2	14	12	2	2
500	520	6.1	2.9	86	11	90	2	10	8	2	1
400	340	1.0	0.1	59	11	118	2	7	293	2	1
400	380	9.3	0.1	68	15	102	2	10	129	2	2
400	400	3.9	0.2	60	15	345	2	12	36	8	1
300	20	7.1	0.1	40	18	69	2	4	67	2	5
300	100	8.2	0.3	52	35	81	2	4	41	2	10
300	140	7.8	0.2	33	22	96	2	14	2131	2	12
300	240	22.6	0.7	60	25	93	2	9	242	2	3
300	350	14.6	0.1	61	21	82	2	7	103	4	3
300	380	10.0	0.1	54	15	79	2	7	66	5	6
300	390	12.0	0.1	105	10	72	2	7	144	2	129
200	40	16.0	0.6	60	50	284	2	7	82	2	19
200	60	16.2	0.7	56	30	151	2	7	59	4	16
200	80	14.2	0.2	60	17	102	2	8	63	2	6
100	40	11.5	1.4	65	50	71	2	9	119	2	6
100	60	7.4	0.1	22	14	75	2	1	12	2	1
100	80	8.4	0.9	61	24	86	2	1	11	2	1
1600	140	11.0	0.9	70	16	60	2	7	38	2	13
1500	BL	7.6	1.2	175	13	126	2	13	24	2	4
1500	80	27.1	1.4	119	25	83	2	9	60	2	4
1500	200	19.2	0.1	108	33	310	2	17	50	2	7
1400	BL	9.5	0.1	44	23	86	2	7	28	2	7
1400	20	36.0	0.1	77	30	136	2	12	40	2	4
1400	120	10.1	0.4	93	32	129	2	14	40	4	4
1400	140	12.6	0.8	63	16	77	2	6	35	2	5
1400	160	11.9	0.4	82	28	176	2	19	39	7	5
1400	200	8.9	1.1	76	13	68	2	7	31	2	2
1400	240	9.4	0.5	58	24	87	2	8	54	2	4
1300	20	14.2	0.7	201	31	372	4	43	55	4	8
1300	40	19.6	0.4	57	30	98	4	10	44	2	9
1300	60	16.0	1	51	30	73	2	6	58	2	6
1300	120	11.7	0.7	57	23	94	2	8	59	2	5
1300	160	14.0	0.7	82	26	101	2	8	51	2	4
1300	180	6.4	0.1	100	39	102	2	8	33	3	3
1300	200	11.3	1.8	48	23	69	2	6	47	2	4
1300	220	10.1	0.3	80	51	199	2	12	57	2	5
1300	240	13.1	0.3	18	25	38	2	6	39	2	4
1300	260	24.0	0.4	185	36	221	2	13	40	4	9
1200	BL	9.2	1	100	32	86	2	11	44	2	9
1200	140	26.4	0.3	70	30	96	2	15	48	2	3
1200	160	6.2	0.4	42	26	70	2	10	46	2	5
1200	180	6.0	0.7	58	31	92	2	12	49	2	13
1200	200	9.5	0.2	80	44	117	2	14	39	2	3
1200	280	10.5	0.4	138	27	99	2	35	31	2	6
1200	340	8.8	0.4	93	29	239	2	9	29	4	7
1100	BL	6.0	3.7	45	23	68	2	9	29	2	12
1100	20	36.7	1.9	257	611	751	2	26	36	2	36
1100	40	24.8	0.4	33	40	68	2	7	39	2	7
1000	20	51.1	0.5	222	22	50	2	14	21	2	5
1000	60	11.6	0.2	36	32	62	2	8	37	2	5
1000	100	8.9	0.2	85	42	129	2	19	48	2	3
1000	120	6.9	0.2	45	24	88	2	15	32	2	6
1000	140	11.4	1.4	162	23	350	2	23	69	2	4
1000	220	17.0	0.4	44	53	150	2	49	92	2	8
1000	300	3.4	0.3	44	23	68	2	12	20	2	2
1000	360	5.3	1.3	38	11	85	2	12	12	2	1

Soil geochemistry

NORTHING metres	EASTING metres	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Co ppm	As ppm	Bi ppm	Mo ppm
1000	380	33.6	0.8	140	11	90	2	17	7	2	5
1100	-560	11.6	1.8	108	30	99	2	15	23	3	3
1100	-520	20.5	1.8	79	37	154	5	13	137	2	8
1100	-380	16.5	0.4	45	18	732	2	13	22	2	3
1100	-360	23.2	0.5	60	29	361	4	29	35	2	3
1100	-340	3.1	2.9	46	19	94	2	14	63	2	4
1100	-180	8.7	2.4	134	21	379	3	24	288	2	17
1100	-160	15.3	1	61	24	179	2	7	21	2	4
1100	-100	17.2	0.6	865	18	690	8	44	221	7	9
1100	-80	18.5	4.3	218	26	113	3	20	47	7	19
1100	-60	9.8	2.4	98	26	71	5	17	28	3	19
1000	-620	11.8	0.7	41	27	65	2	9	36	2	4
1000	-600	14.6	0.2	66	26	92	5	13	53	5	5
1000	-580	10.7	0.2	68	31	71	3	7	38	2	9
1000	-560	13.2	0.2	49	30	108	5	13	49	2	5
900	-600	15.5	0.1	19	11	36	3	6	30	2	5
900	-580	25.8	0.1	42	26	39	2	9	50	2	5
900	-560	23.8	0.3	88	20	117	2	19	43	2	3
900	-520	21.2	0.3	50	26	84	4	13	42	2	3
800	-520	21.2	0.3	42	22	69	2	11	108	2	4
800	-500	11.5	0.1	67	24	94	5	12	60	2	4
800	-480	16.5	0.2	60	22	93	2	10	146	2	2
800	-440	7.8	0.2	37	16	59	5	9	45	2	3
800	-420	36.2	0.1	56	26	85	2	9	59	2	6
980	-500	29.6	0.6	32	23	73	3	10	40	2	5
840	-500	34.1	0.1	66	22	93	2	12	48	2	3
820	-500	10.2	0.3	42	20	70	2	10	42	2	2
760	-500	8.0	0.1	37	20	87	3	18	41	2	4

APPENDIX 3

Analytical certificates
Soil

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
10N 340W	4	133	40	183	.8	44	24	1528	4.84	51	5	ND	1	22	1.3	7	2	69	.33	.096	20	42	1.22	209	.07	5	3.15	.02	.15	2	2
10N 320W	2	53	26	86	.5	17	9	401	4.80	39	5	ND	2	8	.2	2	2	72	.11	.042	11	36	.87	49	.11	2	3.55	.01	.08	1	1
10N 280W	2	53	22	199	.4	36	22	936	8.34	28	5	ND	1	8	.2	2	2	276	.15	.061	3	119	3.83	139	.26	2	5.36	.02	.21	1	6

ACME ANAL AL LABORATORIES LTD. 852 E. HASTINGS ST. VA VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6 53-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-2816 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
10N 500W	3	37	16	93	.8	12	6	299	7.98	39	5	ND	2	10	.2	2	2	142	.17	.043	4	30	.66	56	.14	5	2.54	.02	.05	1	8.4
10N 480W	8	74	29	123	.5	27	19	1243	5.14	71	5	ND	2	7	.7	2	2	148	.06	.070	13	52	.98	55	.12	3	5.65	.01	.06	1	19.2
10N 460W	3	90	6	280	1.3	33	20	2962	6.13	34	5	ND	1	33	1.6	2	2	94	.52	.231	4	58	2.58	94	.10	2	6.81	.02	.20	1	22.1
10N 420W	5	50	22	98	.5	19	9	581	6.08	53	5	ND	1	8	.2	2	2	91	.08	.042	12	32	.80	52	.11	3	2.83	.01	.08	1	13.2
10N 260W	4	29	16	76	.8	10	4	268	8.22	24	5	ND	1	11	.4	2	2	269	.07	.042	6	41	.82	63	.24	2	2.85	.02	.09	1	10.4
10N 240W	1	20	3	212	.3	23	13	1974	6.75	5	5	ND	1	18	.6	2	2	170	.31	.058	2	141	3.95	85	.21	2	6.09	.04	.13	1	25.2
10N 140W	5	45	19	100	.7	16	8	550	7.50	39	5	ND	1	12	.3	2	2	99	.07	.065	9	35	.77	68	.07	2	3.64	.01	.04	1	8.8
10N 080W	5	34	33	57	.6	13	3	145	5.54	23	5	ND	1	16	.2	5	2	86	.03	.047	8	31	.19	57	.09	3	4.08	.02	.06	1	10.5
10N 040W	4	23	23	91	.4	11	7	698	5.89	34	5	ND	1	12	.2	3	2	127	.20	.113	10	26	1.37	45	.08	2	2.46	.02	.07	1	9.7
10N 020W	2	46	31	86	2.2	18	6	282	8.86	45	5	ND	1	7	.2	3	2	107	.04	.053	7	40	.72	67	.07	4	2.91	.01	.04	1	12.7
10N 000BL	4	46	15	78	.7	22	7	296	6.11	36	5	ND	1	6	.2	2	2	90	.04	.044	9	32	.77	56	.08	4	2.60	.01	.05	1	8.6
900N 020E	4	80	25	1282	.3	26	15	1610	7.51	9	5	ND	1	8	2.3	2	3	187	.11	.074	5	197	2.94	22	.14	2	6.48	.01	.03	1	9.2
900N 040E	10	52	21	118	.7	11	4	341	7.35	22	5	ND	1	7	.8	2	2	301	.04	.037	6	68	1.15	45	.18	2	4.06	.01	.06	1	12.2
900N 060E	3	116	26	148	.4	32	23	1082	6.12	38	5	ND	1	9	.5	2	2	77	.09	.081	13	40	.81	63	.08	3	4.55	.01	.05	1	23.2
900N 140E	1	70	10	72	.4	12	8	575	6.20	50	5	ND	1	21	.5	2	2	227	.10	.054	7	40	1.59	71	.23	2	6.32	.02	.17	1	42.8
900N 180E	4	47	33	110	.5	22	11	3530	7.62	37	5	ND	1	9	.5	3	2	84	.06	.104	8	31	.80	71	.07	3	3.51	.01	.04	1	8.3
900N 200E	3	56	24	108	.5	22	9	630	7.19	46	5	ND	1	10	.2	3	2	87	.12	.140	9	32	1.01	58	.07	4	2.83	.01	.11	1	27.3
900N 220E	4	46	23	104	.3	22	8	621	7.24	41	5	ND	1	9	.2	2	2	111	.06	.053	10	33	.85	58	.12	3	2.27	.01	.10	1	17.0
900N 240E	3	61	29	107	.4	25	15	925	6.55	43	5	ND	1	8	.3	3	2	87	.07	.061	10	41	.97	57	.09	3	3.14	.01	.07	1	16.9
900N 260E	3	56	29	115	.3	26	9	497	5.22	45	5	ND	1	10	.5	2	2	67	.11	.060	10	36	1.13	67	.07	3	3.03	.01	.06	1	16.6
900N 280E	2	154	27	281	1.0	48	35	2872	3.96	930	5	ND	1	21	2.4	3	2	45	.37	.309	19	61	.42	66	.06	2	5.98	.01	.05	1	21.0
900N 300E	1	63	7	83	.4	20	15	444	5.74	132	5	ND	1	29	.8	2	2	129	.43	.097	3	90	2.02	52	.26	2	4.45	.02	.16	1	9.9
850N 000BL	4	22	19	79	.2	15	5	218	3.56	28	5	ND	1	9	.2	2	2	76	.06	.031	9	30	.82	50	.07	3	2.33	.01	.06	1	16.5
850N 050E	2	114	18	101	.3	16	7	443	7.19	25	5	ND	2	14	.3	2	2	139	.12	.056	4	69	1.60	37	.22	2	6.04	.02	.06	1	6.1
850N 100E	4	75	19	106	1.0	18	11	864	5.44	44	5	ND	2	6	.3	2	2	87	.04	.065	10	65	.86	70	.09	3	5.29	.01	.06	1	30.9
850N 150E	3	81	18	95	.3	21	8	546	6.60	47	5	ND	1	7	.5	2	2	89	.06	.070	10	36	.74	53	.08	2	2.88	.01	.07	1	21.5
850N 180E	2	57	23	85	.6	20	8	470	6.12	36	5	ND	1	7	.8	2	2	73	.06	.058	10	33	.77	56	.07	3	3.62	.01	.07	1	14.6
850N 250E	1	17	10	71	.2	74	11	411	4.44	93	5	ND	1	10	.3	2	2	86	.19	.042	2	151	2.98	59	.20	2	3.91	.03	.28	1	1.5
850N 300E	2	63	7	71	.3	15	15	1011	5.87	13	5	ND	1	23	.7	2	2	177	.29	.138	5	95	1.82	70	.21	2	3.34	.02	.27	1	10.6
8N 000BL	1	61	17	78	.5	11	5	388	.79	103	5	ND	1	7	.2	2	2	25	.09	.097	8	30	.11	27	.05	2	2.45	.01	.02	1	1.4
8N 050E	4	30	17	69	.2	9	3	192	3.38	25	5	ND	1	12	.2	2	2	104	.09	.035	10	22	.82	47	.17	2	2.87	.02	.04	1	9.8
8N 100E	2	53	8	56	.7	12	5	304	6.66	70	5	ND	1	25	.2	2	2	131	.17	.061	4	132	1.00	46	.20	2	3.51	.02	.10	1	16.4
8N 150E	6	149	16	92	.1	21	12	837	6.24	26	5	ND	1	9	.6	3	2	100	.16	.130	11	25	1.64	54	.08	2	3.31	.01	.14	1	30.3
8N 200E	2	79	15	95	.4	18	8	526	6.70	38	5	ND	2	12	1.0	2	2	144	.15	.071	6	71	2.19	149	.22	2	5.02	.03	.56	1	6.9
8N 250E	2	82	25	132	.3	29	22	2512	5.54	170	5	ND	1	15	.6	2	2	66	.22	.077	8	37	.85	74	.07	2	2.77	.01	.10	1	6.5
750N 090E	2	40	13	69	.4	12	6	474	6.18	33	5	ND	1	23	.5	2	2	135	.28	.091	3	41	1.46	91	.23	2	3.03	.03	.35	1	15.8
STANDARD C/AU-S	19	59	40	134	7.6	71	32	1044	3.92	41	20	8	39	52	17.5	14	20	57	.48	.090	37	58	.87	176	.09	32	1.85	.06	.15	12	54.6

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 24 1991 **DATE REPORT MAILED:** July 27/91 **SIGNED BY** C. Leong .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

KRL Resources Corp. FILE # 91-2816

ACME ANALYTICAL

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
750N 200E	3	42	50	80	.3	17	7	438	6.45	47	5	ND	2	6	.2	4	2	117	.04	.031	8	30	.84	72	.14	5	2.22	.01	.22	2	5.5
750N 250E	2	57	30	104	.3	25	10	767	5.80	37	5	ND	2	7	.2	2	2	91	.06	.039	10	49	.97	56	.09	4	3.83	.01	.10	1	11.5
750N 300E	3	34	19	49	.2	9	4	119	3.72	34	5	ND	1	5	.2	2	7	82	.03	.036	10	26	.26	34	.05	3	2.50	.01	.07	1	6.8
7N 050E	5	48	18	131	.4	15	7	213	4.36	153	5	ND	1	12	.2	3	2	74	.18	.078	12	36	.71	39	.09	4	3.92	.03	.07	2	12.6
7N 200E	3	26	13	44	.2	17	3	183	4.26	44	5	ND	2	3	.2	2	2	136	.07	.029	5	45	.59	23	.21	3	1.08	.01	.09	1	7.1
7N 250E	2	70	24	136	.1	30	22	2115	5.04	748	5	ND	1	12	.2	2	2	60	.18	.089	14	35	.98	65	.05	5	3.65	.02	.11	1	31.2
7N 300E	3	92	11	50	.4	14	5	280	5.39	128	5	ND	2	6	.2	3	2	144	.08	.035	7	53	1.13	45	.19	3	2.67	.03	.14	1	6.1
650N 000BL	3	54	16	55	.3	14	4	213	6.39	130	5	ND	3	20	.2	2	2	172	.20	.042	8	57	1.05	54	.25	3	3.82	.03	.14	1	23.6
650N 050E	5	105	20	176	.3	24	32	3122	4.89	186	5	ND	1	26	.9	4	2	52	.40	.213	10	42	.51	46	.07	3	6.83	.02	.07	1	6.6
650N 060E	4	141	12	56	2.2	6	3	262	6.15	306	5	ND	8	16	.2	2	2	111	.14	.059	11	8	.50	57	.31	4	5.64	.02	.11	1	7.2
650N 100E	1	62	10	71	.2	16	7	542	5.72	93	5	ND	1	11	.2	8	2	128	.08	.033	9	62	.85	49	.22	5	4.30	.04	.16	5	10.3
650N 300E	1	123	6	53	.1	38	8	487	4.03	32	5	ND	1	5	.2	2	2	109	.06	.026	5	72	1.27	27	.14	3	3.63	.03	.05	4	3.6
6N 000BL	3	39	22	62	.8	9	4	175	4.18	234	8	ND	4	8	.6	5	3	91	.06	.035	8	16	.42	30	.14	4	1.49	.03	.08	3	26.5
6N 020E	3	219	19	87	1.4	11	4	215	4.39	170	12	ND	3	11	.6	6	4	66	.10	.055	12	36	.27	26	.11	3	5.73	.02	.07	1	37.5
6N 040E	7	141	18	105	.8	15	6	437	18.02	827	5	ND	2	8	.7	7	2	187	.04	.044	5	57	1.93	47	.23	7	4.33	.02	.28	5	47.6
6N 060E	4	179	35	110	1.0	24	8	403	6.75	362	5	ND	3	13	1.0	9	2	134	.11	.056	5	83	.71	37	.19	4	7.77	.02	.10	7	45.9
6N 160E	21	74	22	84	.1	20	5	244	5.14	71	5	ND	3	7	.2	6	2	176	.05	.032	12	53	.33	25	.22	4	2.84	.02	.05	2	5.9
6N 180E	5	64	23	86	.3	21	6	225	5.20	99	5	ND	1	10	.2	2	2	85	.17	.047	14	43	.73	47	.06	4	3.12	.01	.07	1	12.4
6N 260E	1	59	9	103	.2	13	8	1122	5.34	19	5	ND	3	27	.3	6	2	113	.37	.153	10	49	2.15	50	.14	2	5.81	.05	.26	5	15.8
6N 280E	3	65	18	73	.7	19	8	313	7.48	64	5	ND	2	7	.2	3	2	121	.08	.047	9	39	.73	55	.09	6	3.00	.01	.08	2	12.2
6N 300E	2	44	10	48	.2	16	3	269	4.58	8	5	ND	2	10	.2	2	2	125	.17	.058	6	65	1.43	69	.22	2	2.27	.02	.20	1	1.9
550N 250E	1	45	13	58	1.3	9	4	409	7.38	57	5	ND	5	8	.2	2	2	164	.05	.042	8	72	1.24	34	.26	2	6.17	.02	.11	1	5.3
5N 050E	7	72	48	213	1.3	14	4	287	5.94	127	5	ND	3	5	.3	6	2	125	.05	.026	9	68	.40	41	.12	2	5.92	.01	.05	2	21.7
5N 150E	3	54	25	103	.2	25	7	276	3.53	72	5	ND	2	12	.2	2	3	77	.18	.065	12	38	1.04	54	.08	5	2.64	.02	.09	1	15.8
450N 250E	3	107	27	135	.7	33	12	479	4.77	93	5	ND	2	7	.2	2	3	78	.06	.042	25	30	.82	96	.04	5	3.98	.02	.11	1	13.8
450N 300E	4	84	22	62	.2	16	5	520	6.35	59	5	ND	1	5	.2	10	2	133	.04	.027	14	60	.64	38	.21	6	3.58	.02	.05	5	3.8
4N 020E	5	54	33	101	.5	17	6	205	3.02	70	5	ND	1	7	.2	3	2	62	.08	.048	12	39	.61	38	.08	4	3.97	.01	.07	1	17.1
4N 060E	5	103	28	131	.4	34	12	462	4.11	55	5	ND	1	8	.2	9	2	47	.15	.080	22	29	.52	46	.07	4	4.68	.02	.07	3	19.8
4N 100E	2	68	33	76	.9	11	5	218	4.82	272	5	ND	4	10	.3	2	3	54	.04	.038	8	18	.38	45	.13	2	6.91	.01	.06	1	56.8
4N 180E	2	123	30	141	.3	48	24	1019	4.91	113	5	ND	2	17	1.0	8	2	62	.32	.056	16	37	.99	76	.06	8	3.66	.01	.09	3	24.8
4N 280E	2	85	25	114	.4	28	11	704	5.77	60	5	ND	2	12	.2	7	2	122	.20	.058	7	82	1.87	38	.11	5	3.00	.03	.12	3	8.8
4N 300E	8	91	9	46	.5	12	2	421	6.95	72	5	ND	3	14	.2	2	5	174	.04	.034	6	90	1.14	25	.21	2	5.98	.01	.07	1	13.6
STANDARD C/AU-S	19	61	39	138	7.4	70	34	1066	4.00	43	21	6	40	53	18.6	15	18	56	.48	.092	40	59	.88	181	.09	33	1.95	.08	.15	11	51.2

ACME ANALYTICAL

KRL Resources Corp. FILE # 91-3559

ACME ANALYTICAL

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
L950N 400W	12	31	31	56	.1	12	9	109	9.65	72	5	ND	3	4	1.9	2	10	152	.02	.042	10	19	.26	44	.11	2	2.80	.01	.05	1	13.6
L950N 320W	4	94	31	230	.1	45	9	351	4.23	54	5	ND	2	7	.2	14	2	83	.14	.058	16	48	1.13	55	.10	2	4.83	.01	.08	4	14.3
L950N 240W	3	22	33	158	.4	9	9	557	5.76	36	5	ND	2	4	.2	7	2	85	.03	.029	8	20	.92	50	.16	2	3.60	.01	.12	3	5.9
L950N 220W	4	50	22	131	.1	22	25	1262	8.95	50	5	ND	3	6	1.3	7	2	278	.13	.064	7	166	3.61	59	.26	2	5.59	.01	.19	2	4.1
L950N 200W	3	51	24	103	.1	41	15	643	5.84	47	5	ND	2	11	.2	12	5	132	.22	.084	11	78	2.54	62	.11	2	4.86	.01	.12	2	6.3
L950N 180W	9	47	29	67	.1	11	8	199	6.15	47	5	ND	2	5	.2	9	5	72	.04	.047	17	15	.21	37	.07	2	3.25	.01	.05	1	13.6
L950N 160W	6	90	35	212	.4	34	20	1430	5.80	63	5	ND	4	10	.3	9	6	61	.14	.092	20	27	.47	77	.06	2	3.81	.01	.09	3	22.5
L950N 140W	6	56	31	104	.7	25	16	551	7.42	70	5	ND	2	6	.7	2	7	64	.10	.055	10	17	.84	52	.07	2	2.64	.01	.06	1	14.7
L950N 120W	7	43	50	106	2.0	17	48	8222	6.78	52	5	ND	5	6	1.3	9	6	76	.05	.087	12	27	.49	62	.04	2	3.19	.01	.08	2	7.7
L950N 100W	7	43	31	94	.4	25	13	614	6.86	52	5	ND	2	7	.7	2	2	91	.04	.047	12	26	.85	57	.10	2	2.38	.01	.09	1	15.2
L950N 80W	5	43	29	89	.1	19	9	292	5.79	53	5	ND	1	7	.2	3	6	77	.08	.056	11	26	.88	46	.06	2	2.92	.01	.05	1	7.6
L950N 60W	5	34	30	68	.1	12	8	230	5.13	45	5	ND	4	4	.2	10	3	120	.02	.020	14	20	.38	58	.05	2	3.58	.01	.05	2	11.0
L950N BL	6	40	24	75	.9	10	6	195	3.99	28	5	ND	2	5	.2	3	2	106	.03	.023	11	34	.49	35	.13	2	1.96	.01	.06	1	12.5
L900N 260W	5	88	27	93	.1	28	21	750	7.45	49	5	ND	2	3	.8	11	2	226	.06	.031	8	122	2.64	56	.27	2	5.15	.01	.09	1	11.5
L900N 220W	6	63	40	272	.4	28	25	4036	5.55	72	5	ND	7	8	.2	12	2	74	.09	.128	17	37	.95	84	.11	2	4.15	.10	.21	3	13.2
L900N 180W	5	54	33	83	.1	15	11	720	6.79	58	5	ND	3	6	.7	8	3	97	.10	.064	10	22	1.06	45	.12	2	3.77	.01	.18	2	16.9
L900N 160W	5	53	44	85	.1	17	9	372	5.54	130	5	ND	4	5	.2	10	2	71	.06	.048	12	41	.77	39	.09	2	4.94	.01	.07	1	13.9
L900N 140W	7	66	40	157	.1	26	12	711	7.61	108	5	ND	2	7	1.0	5	6	75	.07	.075	16	27	.85	69	.06	2	3.54	.01	.09	1	170.0
L900N 120W	5	84	40	110	.5	37	16	926	3.83	54	5	ND	4	7	.2	16	2	54	.11	.081	30	37	.78	46	.07	2	4.68	.01	.07	2	11.3
L900N 80W	7	33	30	105	.1	12	9	409	6.04	40	5	ND	1	13	.2	5	2	133	.12	.059	9	58	1.40	199	.15	2	3.24	.01	.10	1	7.8
L850N 280W	5	79	30	443	.1	32	20	950	6.07	62	5	ND	3	14	.9	18	2	180	.23	.075	9	65	2.13	89	.21	2	7.26	.03	.22	6	35.1
L850N 260W	6	70	31	199	.3	33	13	590	4.94	54	5	ND	2	8	.2	10	5	75	.09	.050	13	33	.96	66	.07	2	3.53	.01	.09	2	9.0
RE L900N 220W	7	69	44	293	.2	29	27	4371	5.92	76	5	ND	6	7	.6	14	4	74	.09	.110	18	40	1.03	56	.07	2	4.27	.01	.10	4	10.2
L850N 220W	5	49	32	134	.2	13	11	674	4.22	50	5	ND	2	9	.2	17	2	91	.16	.078	14	19	.79	37	.12	2	5.31	.01	.08	2	5.6
L850N 200W	5	143	53	127	.6	20	15	1203	5.07	150	5	ND	5	7	.2	27	2	37	.12	.084	30	21	.42	55	.07	2	6.55	.04	.08	3	25.9
L850N 90W	7	97	43	150	.1	32	22	1688	6.66	555	5	ND	4	7	.8	17	6	59	.15	.104	19	24	.74	60	.06	2	5.34	.03	.11	3	22.5
L850N 80W	6	49	23	98	.1	26	11	307	5.86	346	5	ND	1	8	.2	7	2	84	.13	.049	13	39	1.03	52	.07	2	3.03	.01	.07	2	19.8
L800N 260W	10	40	35	105	.1	11	10	306	7.69	113	6	ND	2	7	1.0	4	5	118	.08	.048	11	27	.53	47	.15	2	3.08	.01	.05	1	16.3
L800N 105W	13	37	42	76	.1	8	11	1116	7.18	48	5	ND	4	4	.4	7	5	52	.04	.043	25	11	.19	30	.11	2	3.06	.03	.07	1	10.4
L750N 330W	7	36	33	91	.4	9	13	609	6.90	48	5	ND	2	9	.9	5	3	69	.08	.056	14	4	.46	53	.10	2	2.60	.01	.09	1	7.0
L750N 293W	12	98	62	102	1.6	15	31	2082	2.89	65	5	ND	3	7	.2	35	2	51	.11	.176	15	66	.10	36	.01	2	10.26	.01	.03	1	18.7
L750N 220W	5	30	36	233	.1	24	10	370	3.30	44	5	ND	1	23	.2	11	2	79	.44	.039	12	44	1.11	63	.10	2	3.50	.01	.08	4	13.3
L700N 260W	9	29	34	72	.1	7	11	469	6.72	257	5	ND	2	10	.4	3	2	266	.12	.046	6	18	2.14	29	.34	2	3.04	.02	.09	1	27.0
L700N 200W	14	132	50	169	.1	27	35	2038	7.76	69	5	ND	3	8	1.6	7	4	84	.09	.090	22	29	.54	63	.08	2	4.18	.01	.08	2	33.9
L700N 160W	7	72	41	114	.1	18	9	263	5.91	378	5	ND	3	6	.4	16	4	73	.07	.042	14	41	.49	36	.11	2	5.07	.01	.05	2	36.8
L700N 40W	4	126	32	54	.8	23	10	228	5.83	129	7	ND	3	7	.4	9	2	95	.12	.045	11	22	.34	29	.17	2	3.68	.01	.04	1	10.8
STANDARD C/AU-S	20	59	42	132	7.2	70	32	1041	3.96	41	15	6	40	50	18.5	15	22	55	.48	.091	40	58	.88	177	.09	32	1.88	.06	.15	11	46.7

Samples beginning 'RE' are duplicate samples.

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
L650N 290W	10	63	46	153	.7	14	6	581	4.33	367	5	ND	1	20	.3	10	4	127	.32	.039	8	47	1.06	91	.02	3	2.24	.01	.14	1	42.7
L650N 150W	6	160	22	148	.8	22	60	2188	4.05	303	5	ND	1	12	.2	2	4	54	.18	.125	14	49	.34	38	.06	4	6.19	.01	.05	1	78.9
L650N 110W	2	175	9	53	2.0	8	4	365	6.94	367	5	ND	1	8	.2	2	3	150	.09	.054	9	65	1.08	29	.26	2	4.69	.02	.05	2	33.5
L600N 137W	13	136	37	147	.3	43	11	292	3.09	184	5	ND	1	13	.2	2	5	66	.19	.136	17	34	1.08	69	.04	5	4.04	.01	.12	1	38.9
L600N 80W	7	122	55	70	.6	15	2	142	5.46	525	5	ND	1	6	.3	2	5	130	.08	.024	8	54	.33	21	.19	2	3.00	.01	.04	1	241.5
L550N 20W	4	32	45	80	.4	8	3	204	7.27	372	5	ND	1	8	.2	2	2	113	.10	.046	7	34	.35	31	.22	2	2.09	.01	.06	1	23.6
L500N 200W	3	60	105	85	.8	12	8	373	2.00	56	5	ND	1	15	.6	2	2	49	.15	.058	12	37	.64	43	.07	2	2.00	.01	.08	1	22.3
RE L400N 250W	6	40	24	47	.1	8	4	120	6.05	49	5	ND	1	6	.2	2	2	126	.04	.024	12	35	.29	40	.06	4	2.90	.01	.06	1	26.9
L500N 50W	6	36	46	46	.3	8	2	103	.89	50	5	ND	1	7	.2	2	2	45	.06	.028	15	25	.36	50	.10	3	2.19	.01	.06	1	21.9
L450N 260W	3	64	37	94	2.0	14	48	6789	3.58	79	5	ND	1	17	.3	2	2	60	.19	.092	11	30	.28	60	.06	5	3.30	.01	.04	1	21.2
L450N 200W	2	59	21	88	1.1	18	6	545	6.10	41	5	ND	2	13	.2	2	2	119	.18	.032	8	83	.96	46	.19	2	4.93	.02	.08	1	18.3
L450N 100W	8	38	19	63	.2	7	2	145	8.15	131	5	ND	1	4	.2	2	2	145	.05	.022	8	36	.17	23	.25	2	2.26	.01	.03	1	22.1
L450N 80W	5	31	32	51	.6	7	8	241	7.17	423	5	ND	1	5	.2	2	2	66	.05	.047	7	27	.11	24	.09	2	2.85	.01	.03	1	27.8
L450N 60W	6	54	43	84	1.2	9	5	264	7.67	21	5	ND	1	5	.2	3	2	106	.06	.037	8	29	.22	25	.21	3	3.48	.01	.04	1	7.0
L450N 40W	6	49	27	74	.4	15	4	239	10.89	61	5	ND	2	4	.2	5	2	124	.03	.042	7	57	.37	25	.16	2	2.87	.01	.04	1	19.9
L400N 250W	6	41	22	48	.2	9	4	121	6.35	49	5	ND	1	6	.2	2	2	131	.04	.024	11	35	.30	41	.07	4	3.00	.01	.06	1	29.2
L400N 220W	2	41	25	61	.7	12	8	420	7.78	32	5	ND	2	9	.2	3	2	109	.06	.029	8	34	.50	39	.04	5	2.61	.01	.07	1	6.6
L400N 140W	7	56	24	129	1.4	22	7	727	3.42	59	5	ND	1	9	.2	2	2	48	.13	.166	14	34	.47	51	.04	2	5.09	.01	.07	1	15.0
L400N 100W	3	55	23	138	.2	20	7	416	5.28	42	5	ND	1	7	.2	2	2	75	.07	.035	18	32	.55	49	.09	2	3.46	.01	.07	1	18.7
L400N 30W	2	72	18	59	1.1	17	4	278	4.89	22	5	ND	2	4	.2	2	2	61	.06	.042	4	65	.37	9	.12	2	6.48	.01	.02	1	11.2
L300N 220W	5	80	34	138	.7	23	10	231	3.06	41	5	ND	1	17	.2	2	2	61	.27	.067	14	40	.64	64	.05	3	5.15	.01	.08	1	12.6
L300N 160W	5	18	26	63	.3	11	5	154	2.61	26	5	ND	1	7	.2	2	2	107	.06	.022	13	27	.55	67	.05	3	2.55	.01	.09	1	13.8
L300N 140W	5	47	22	71	1.0	10	6	217	4.65	35	5	ND	2	5	.2	2	2	99	.03	.017	13	27	.18	48	.05	4	3.36	.01	.06	1	7.9
L300N 25W	5	26	29	50	.5	7	4	133	7.78	61	5	ND	1	3	.2	2	2	163	.02	.023	9	28	.20	26	.13	2	2.40	.01	.03	1	17.7
L300N BL	6	26	15	58	.2	8	5	159	4.12	54	5	ND	1	6	.2	2	2	143	.03	.024	10	16	.14	54	.08	3	1.70	.01	.05	1	11.4
L200N 80W	2	35	13	54	.8	6	5	140	11.33	47	5	ND	1	3	.2	2	2	167	.02	.020	8	35	.15	33	.09	2	2.93	.01	.03	1	3.4
L200N 60W	1	45	22	66	.3	17	5	218	3.21	52	5	ND	2	13	.2	2	2	52	.13	.050	12	33	.79	50	.07	5	3.42	.01	.06	1	24.5
L100N 100W	4	66	19	162	.1	24	7	247	4.13	453	5	ND	2	5	.2	4	2	66	.05	.022	10	35	.61	36	.05	4	4.17	.01	.06	2	11.2
L100N 60W	17	42	18	95	.7	14	4	307	6.98	180	5	ND	2	8	.2	2	2	233	.08	.021	10	80	.58	39	.25	2	4.95	.02	.07	1	11.5
L0N 160W	28	32	56	309	.5	22	83	9261	6.94	200	5	ND	1	35	1.3	2	2	98	.49	.071	13	35	.45	169	.07	2	3.48	.01	.06	1	15.9
STANDARD C/AU-S	18	57	37	123	6.8	65	31	963	3.86	38	18	6	37	50	18.2	15	17	56	.44	.084	37	57	.81	173	.08	33	1.74	.06	.14	13	47.7

Samples beginning 'RE' are duplicate samples.

ACME ANAL[illegible]L LABORATORIES LTD. 852 E. HASTINGS ST. VA[illegible]VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6[illegible]53-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3859 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
950N 20E	2	132	13	209	.1	43	22	1079	6.28	15	5	ND	1	27	.2	4	2	129	.41	.172	10	142	2.89	60	.14	2	5.04	.02	.17	1	49.6
950N 40E	3	15	19	62	.7	5	4	272	6.87	14	5	ND	2	3	.2	2	5	188	.02	.036	6	25	.54	30	.25	2	2.75	.01	.05	1	11.9
950N 60E	3	48	26	78	2.3	12	5	240	7.08	29	5	ND	2	4	.2	2	3	111	.03	.051	7	42	.47	81	.07	4	3.28	.02	.06	1	8.1
950N 80E	3	99	10	102	1.8	16	8	689	6.09	37	5	ND	1	5	.4	2	2	87	.04	.094	10	41	.96	38	.06	2	3.49	.02	.11	1	6.7
950N 100E	1	41	14	87	.7	34	14	1491	6.41	92	5	ND	1	14	.2	2	3	145	.14	.076	7	76	1.75	97	.22	3	4.37	.04	.39	1	7.2
950N 120E	3	41	19	102	.3	21	8	684	8.58	26	5	ND	1	6	.2	2	6	138	.06	.059	7	62	1.58	49	.19	2	3.45	.02	.09	1	8.7
950N 140E	5	38	13	49	.3	12	6	440	6.07	25	5	ND	1	5	.2	2	4	135	.04	.039	10	36	.85	40	.11	2	2.57	.01	.13	1	6.1
950N 260E	1	40	16	81	1.1	12	6	359	8.92	10	5	ND	1	10	.2	2	5	181	.07	.053	4	133	.97	49	.29	2	3.78	.02	.05	1	37.8
950N 300E	1	36	17	72	.2	14	9	370	8.19	3	5	ND	1	19	.2	2	3	238	.27	.043	2	85	1.41	44	.39	2	2.33	.02	.09	1	5.0
900N 320E	1	36	20	67	.5	16	8	470	6.36	44	5	ND	1	28	.2	2	4	227	.42	.079	3	82	1.46	44	.34	2	2.23	.02	.14	1	6.4
900N 340E	2	54	14	61	1.3	22	7	299	7.57	8	5	ND	1	22	.2	2	5	167	.20	.036	2	154	1.22	62	.35	2	3.32	.02	.08	1	5.2
900N 380E	7	83	29	109	.1	33	16	1067	8.68	126	5	ND	1	6	.2	2	3	111	.06	.058	8	79	1.45	52	.10	2	3.34	.01	.09	1	6.7
900N 420E	15	220	18	102	1.0	64	9	544	8.96	36	5	ND	1	11	.2	2	5	255	.12	.065	5	91	.96	39	.31	2	2.03	.02	.03	1	5.4
900N 460E	3	328	721	218	2.3	22	9	477	6.75	64	5	ND	2	8	.2	3	3	83	.15	.087	9	69	.84	50	.05	8	4.44	.01	.09	2	17.7
800N 320E	1	66	21	157	.1	39	13	776	8.59	92	5	ND	1	18	.2	2	4	171	.40	.023	5	321	3.92	61	.26	2	5.60	.01	.15	1	7.1
800N 360E	15	206	28	374	1.9	90	34	14595	5.22	321	5	ND	2	48	7.6	3	4	43	.82	.771	31	43	.34	141	.09	2	5.36	.02	.09	1	13.4
800N 400E	3	156	18	197	.3	20	12	785	8.19	60	5	ND	1	5	.2	2	6	245	.09	.037	5	147	2.84	64	.33	2	4.56	.02	.27	1	3.4
800N 420E	6	58	11	85	.5	23	9	397	8.18	47	5	ND	1	4	.2	2	5	211	.04	.038	7	139	1.25	28	.22	2	3.56	.01	.06	1	1.7
800N 440E	9	351	9	74	.5	77	47	1100	11.00	13	5	ND	1	10	.2	2	4	215	.29	.105	4	251	3.34	42	.24	2	4.60	.01	.08	1	3.4
800N 480E	3	321	17	112	.2	35	16	786	8.08	62	5	ND	1	4	.2	2	3	188	.12	.075	4	190	2.79	48	.27	2	4.96	.01	.08	1	6.3
700N 320E	4	32	16	94	.5	27	15	818	5.69	173	5	ND	1	21	.2	2	4	95	.46	.055	5	181	1.69	93	.21	4	2.39	.03	.13	1	13.9
700N 380E	12	84	23	88	.2	17	8	416	4.98	82	5	ND	1	7	.2	2	4	127	.11	.038	13	58	.82	45	.18	2	3.44	.01	.09	1	10.6
700N 420E	5	235	7	82	.2	35	12	796	7.57	19	5	ND	1	34	.2	2	4	185	.61	.056	4	117	2.10	50	.24	2	4.30	.02	.09	1	3.8
700N 440E	10	33	10	43	.4	13	4	265	5.13	18	5	ND	1	10	.2	2	6	200	.08	.069	7	58	.54	51	.34	2	1.61	.01	.07	1	5.5
700N 460E	1	74	13	117	.2	29	22	714	5.84	37	5	ND	1	46	.2	2	4	141	.59	.130	4	124	2.54	89	.30	2	4.21	.05	.26	1	3.2
700N 490E	1	102	8	68	.2	22	13	381	9.29	12	5	ND	1	29	.2	2	3	138	.34	.084	3	141	1.67	78	.36	2	4.90	.01	.09	1	2.7
700N 500E	6	71	10	56	.1	11	5	616	6.90	10	5	ND	1	10	.2	2	3	190	.24	.070	6	50	2.42	96	.31	2	3.58	.04	.27	1	3.3
600N 360E	2	69	23	105	.3	24	12	643	6.05	82	5	ND	4	5	.2	2	2	91	.04	.048	9	46	.95	76	.12	2	4.06	.01	.09	1	18.8
600N 420E	4	100	22	150	.4	71	17	607	5.15	4	5	ND	1	21	.2	2	4	95	.53	.115	5	265	2.72	153	.26	2	3.51	.05	.71	1	.9
600N 440E	8	55	37	77	.3	18	6	433	8.84	47	5	ND	2	6	.2	2	5	156	.06	.064	10	50	.64	54	.19	2	2.65	.01	.07	1	7.9
600N 460E	5	98	13	62	.4	31	6	500	5.11	16	5	ND	1	19	.2	2	3	162	.08	.043	5	65	1.36	70	.23	2	3.04	.03	.37	1	2.5
600N 480E	2	93	23	88	.4	22	8	496	7.42	26	5	ND	3	5	.2	2	5	126	.06	.054	8	93	1.44	57	.20	2	6.57	.01	.10	1	6.5
RE 600N 360E	2	70	22	104	.2	24	12	647	6.12	80	5	ND	4	5	.2	2	3	90	.04	.048	9	46	.94	76	.12	3	4.13	.01	.08	1	12.5
600N 500E	4	238	7	67	.5	43	20	737	10.24	9	5	ND	1	7	.2	3	5	242	.05	.062	3	274	2.44	38	.33	2	7.37	.01	.09	1	11.4
500N 340E	3	73	14	89	.3	16	7	551	6.68	60	5	ND	1	42	.2	2	4	159	.21	.033	5	68	1.99	38	.26	2	6.80	.06	.19	1	6.4
500N 470E	4	150	6	59	.4	10	7	430	6.83	6	5	ND	1	14	.2	2	4	160	.13	.105	5	61	1.37	65	.22	2	4.84	.03	.15	1	3.0
500N 480E	3	119	12	55	.9	10	6	432	7.23	4	5	ND	1	19	.2	2	6	171	.14	.071	5	56	1.45	64	.25	2	4.35	.04	.16	1	4.3
STANDARD C/AU-S	18	56	38	134	6.8	71	33	1049	4.01	40	20	8	37	53	18.4	16	18	54	.50	.092	37	58	.87	180	.09	32	1.90	.06	.15	11	45.2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG ≥ 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1-P4 SOIL P5 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 26 1991 DATE REPORT MAILED: Sept 4/91 SIGNED BY [signature] .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

ACME ANALYTICAL

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
500N 500E	2	115	98	193	.7	32	14	446	8.03	12	5	ND	4	10	.6	2	2	178	.09	.063	6	109	2.69	97	.24	2	6.66	.03	.40	1	5.9
500N 520E	1	86	11	90	2.3	16	10	205	7.57	8	5	ND	2	16	.7	2	2	204	.26	.049	2	122	1.33	49	.36	2	3.92	.02	.08	1	6.1
400N 340E	1	59	11	181	.1	28	7	535	4.51	293	5	ND	1	17	.2	2	2	72	.38	.076	9	26	2.10	57	.15	4	6.75	.02	.13	1	7.1
400N 380E	2	68	15	102	.1	18	10	592	7.30	129	5	ND	4	8	.9	2	2	126	.09	.063	8	53	1.24	57	.13	4	4.77	.02	.09	1	9.3
400N 400E	1	60	15	345	.2	17	12	295	5.45	36	7	ND	2	8	.3	2	8	104	.09	.041	12	66	1.60	45	.14	3	3.79	.03	.12	1	3.9
300N 20E	5	40	18	69	.1	5	4	54	12.89	67	5	ND	3	4	.7	2	2	173	.01	.040	9	33	.09	33	.12	3	3.85	.01	.04	1	7.1
300N 100E	10	52	35	81	.3	11	4	153	3.09	41	5	ND	1	15	.2	2	2	71	.24	.040	21	22	.31	76	.10	3	3.32	.02	.06	1	8.2
300N 140E	12	33	22	96	.2	3	14	2157	29.01	2131	5	ND	1	11	1.2	2	2	82	.08	.116	5	5	.02	45	.02	2	1.83	.01	.02	1	7.8
300N 240E	3	60	25	93	.7	16	9	428	6.59	242	5	ND	4	7	.2	2	2	93	.08	.049	12	36	.79	56	.09	5	4.22	.01	.08	1	22.6
300N 350E	3	61	21	82	.1	15	7	306	5.85	103	5	ND	3	5	.2	2	4	96	.03	.033	8	48	.67	51	.09	2	4.87	.01	.07	1	14.6
300N 380E	6	54	15	79	.1	19	7	299	6.02	66	5	ND	3	7	.6	2	5	98	.06	.029	12	34	.86	45	.11	3	3.68	.01	.10	1	10.0
300N 390E	129	105	10	72	.1	53	7	415	8.11	144	5	ND	2	17	.3	2	2	1033	.18	.049	5	76	1.67	32	.21	2	4.78	.02	.18	1	12.0
200N 40E	19	60	50	284	.6	26	7	318	4.72	82	5	ND	2	11	.2	2	2	94	.11	.050	14	35	1.11	59	.10	4	3.60	.01	.08	1	16.0
200N 60E	16	56	30	151	.7	21	7	353	5.07	59	5	ND	2	8	.2	2	4	87	.06	.032	13	33	1.07	53	.09	3	2.98	.01	.08	1	16.2
200N 80E	6	60	17	102	.2	23	8	444	4.57	63	5	ND	1	9	.2	2	2	90	.07	.051	15	41	1.15	48	.10	9	3.47	.02	.07	1	14.2
100N 40E	6	65	50	71	1.4	9	9	184	3.51	119	5	ND	1	11	.2	2	2	101	.10	.182	16	42	.28	52	.07	2	4.96	.02	.05	1	11.5
100N 60E	1	22	15	75	.1	3	1	55	.72	12	5	ND	1	10	.2	2	2	17	.12	.087	5	12	.04	42	.02	4	1.06	.02	.04	1	7.4
100N 80E	1	61	24	86	.9	4	1	122	.16	11	5	ND	1	9	.2	2	2	45	.10	.106	6	20	.02	29	.02	2	1.85	.02	.03	1	8.4
16N 140E	13	70	16	60	.9	9	7	151	12.90	38	5	ND	3	9	1.0	2	2	494	.06	.053	5	43	.26	61	.32	2	3.33	.01	.04	1	11.0
15N B.L.	4	175	13	126	1.2	23	13	629	7.87	24	5	ND	2	19	.6	2	2	199	.15	.043	2	134	1.60	42	.34	2	5.14	.01	.05	1	7.6
15N 80E	4	119	25	83	1.4	13	9	245	14.19	60	5	ND	3	10	.8	2	2	296	.07	.059	2	178	.74	43	.48	2	4.55	.01	.03	1	27.1
15N 200E	7	108	33	310	.1	37	17	1401	6.59	50	5	ND	1	10	.6	2	2	77	.12	.107	17	35	1.02	78	.07	2	3.62	.01	.09	1	19.2
14N B.L.	7	44	23	86	.1	11	7	649	7.27	28	5	ND	1	8	.4	2	2	123	.06	.056	17	32	.35	41	.25	3	3.13	.01	.09	1	9.5
14N 20E	4	77	30	136	.1	22	12	691	4.99	40	5	ND	1	8	.3	2	2	67	.10	.080	14	33	.77	67	.07	2	4.22	.01	.08	1	36.0
14N 120E	4	93	32	129	.4	28	14	709	5.81	40	5	ND	4	7	.2	4	4	114	.10	.062	14	61	1.15	55	.09	3	4.26	.01	.08	2	10.1
14N 140E	5	63	16	77	.8	15	6	293	6.26	35	5	ND	1	7	.5	2	2	135	.06	.064	11	44	.36	40	.08	2	2.81	.01	.04	1	12.6
14N 160E	5	82	28	176	.4	37	19	1806	5.04	39	5	ND	1	10	.6	2	7	74	.14	.149	14	50	1.25	56	.06	5	3.75	.01	.10	1	11.9
14N 200E	2	76	13	68	1.1	11	7	356	8.97	31	5	ND	3	9	1.0	2	2	222	.10	.075	5	70	.67	63	.19	2	4.14	.01	.06	2	8.9
14N 240E	4	58	24	87	.5	16	8	477	6.41	54	5	ND	5	5	.5	4	2	91	.04	.076	12	41	.65	45	.08	3	5.00	.01	.05	1	9.4
13N 20E	8	201	31	372	.7	44	43	1550	5.15	55	7	ND	1	20	1.5	4	4	77	.33	.157	20	48	1.09	85	.07	3	4.60	.03	.11	2	14.2
13N 40E	9	57	30	98	.4	14	10	639	7.44	44	5	ND	2	8	1.1	2	2	141	.21	.080	9	29	1.20	42	.18	2	3.52	.01	.06	1	19.6
13N 60E	6	51	30	73	1.0	11	6	287	11.22	58	5	ND	4	5	1.1	2	2	240	.02	.048	9	34	.33	50	.21	2	4.58	.01	.05	1	16.0
13N 120E	5	57	23	95	.7	17	8	337	6.57	59	5	ND	1	6	.9	2	2	162	.05	.040	10	28	.69	60	.14	2	2.57	.01	.11	1	11.7
RE 13N 20E	8	200	32	373	.5	43	43	1542	5.20	55	5	ND	1	21	1.5	2	4	78	.33	.154	19	47	1.08	84	.07	7	4.58	.04	.10	1	9.3
13N 160E	4	82	26	101	.7	18	8	261	7.15	51	5	ND	3	5	.9	2	2	115	.03	.049	11	54	.61	54	.07	2	4.82	.01	.07	1	14.0
13N 180E	3	100	39	102	.1	14	8	432	5.92	33	5	ND	1	6	.8	2	3	88	.04	.051	11	46	.33	40	.07	2	3.96	.01	.05	1	6.4
13N 200E	4	48	23	69	1.8	13	6	267	5.49	47	5	ND	1	9	.5	2	2	110	.06	.032	9	22	.32	55	.07	2	1.86	.01	.10	1	11.3
STANDARD C/AU-S	19	62	38	133	7.3	68	34	1035	3.91	42	18	7	41	51	17.5	18	22	59	.49	.095	39	56	.88	175	.08	34	1.91	.06	.15	11	46.3

<u>Samples beginning 'RE' are duplicate samples.</u>

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
13N 220E	5	80	51	199	.3	22	12	486	6.70	57	5	ND	2	7	.4	2	2	76	.05	.049	11	43	.76	42	.06	3	3.53	.01	.06	1	10.1
13N 240E	4	18	25	38	.3	9	6	92	4.98	39	5	ND	2	5	.2	2	2	116	.02	.026	10	19	.17	43	.05	3	1.74	.01	.03	1	13.1
13N 260E	9	185	36	221	.4	39	13	824	6.43	40	5	ND	3	8	.4	2	4	54	.10	.158	24	34	.85	99	.04	4	4.94	.02	.12	1	24.0
12N B.L.	9	100	32	86	1.0	14	11	380	10.25	44	5	ND	1	7	.6	2	2	102	.02	.064	8	62	.46	48	.06	2	3.07	.01	.03	1	9.2
12N 140E	3	70	30	96	.3	22	15	701	6.54	48	5	ND	1	7	.4	2	2	86	.11	.058	10	36	.94	59	.08	8	2.50	.01	.10	1	26.4
12N 160E	5	42	26	70	.4	13	10	224	8.06	46	5	ND	2	4	.6	2	2	144	.03	.041	8	35	.40	36	.07	2	2.45	.01	.05	1	6.2
12N 180E	13	58	31	92	.7	18	12	503	6.88	49	5	ND	2	4	.2	2	2	116	.03	.044	12	28	.28	46	.10	2	3.28	.01	.05	1	6.0
RE 11N 20E	38	265	609	770	2.1	99	27	4643	13.51	32	5	ND	4	4	3.2	2	2	342	.11	.267	25	113	3.02	28	.06	2	3.80	.01	.01	1	34.6
12N 200E	3	80	44	117	.2	22	14	832	4.88	39	5	ND	3	5	.2	2	2	65	.05	.073	8	37	.91	39	.08	3	3.88	.01	.06	1	9.5
12N 280E	6	138	27	99	.4	25	35	1292	12.81	31	5	ND	2	3	.6	2	2	184	.09	.072	6	91	2.08	23	.20	2	3.74	.01	.04	1	10.5
12N 340E	7	93	29	239	.4	25	9	276	6.78	29	5	ND	1	20	.6	2	4	77	.39	.045	11	27	.51	59	.09	2	4.03	.01	.05	1	8.8
11N B.L.	12	45	23	68	3.7	9	9	151	7.20	29	6	ND	1	4	.2	2	2	260	.02	.056	9	32	.43	43	.03	2	2.47	.01	.03	1	6.0
11N 20E	36	257	611	751	1.9	96	26	4608	13.14	36	5	ND	4	4	2.9	2	2	334	.11	.270	25	111	2.92	27	.05	2	3.61	.01	.01	1	36.7
11N 40E	7	33	40	68	.4	9	7	315	6.96	39	5	ND	1	4	.3	2	2	166	.02	.054	11	28	.28	46	.11	2	2.58	.01	.04	1	24.8
10N 20E	5	222	22	50	.5	19	14	243	8.70	21	5	ND	1	3	.2	2	2	100	.03	.050	8	28	.37	30	.04	2	2.15	.01	.03	9	51.1
10N 60E	5	36	31	62	.2	12	8	179	7.98	37	8	ND	1	4	.3	2	2	132	.02	.054	7	31	.24	42	.07	2	2.15	.01	.03	1	11.6
10N 100E	3	85	41	129	.2	27	19	1535	7.76	48	5	ND	1	9	.5	2	2	86	.10	.065	12	48	.95	97	.06	5	3.83	.01	.09	1	8.9
10N 120E	6	45	24	88	.2	25	15	587	5.03	32	5	ND	1	6	.4	2	2	93	.06	.053	12	35	.45	55	.04	3	2.78	.01	.06	1	6.9
10N 140E	4	162	23	350	1.4	58	23	2094	5.20	69	5	ND	1	38	1.7	2	2	61	.60	.116	18	30	.72	93	.06	2	3.61	.02	.12	1	11.4
10N 220E	8	44	53	110	.4	21	49	3061	8.36	92	5	ND	1	18	1.2	2	2	148	.33	.074	8	87	.93	85	.12	2	2.42	.01	.12	1	17.0
10N 300E	2	44	23	68	.3	6	12	322	13.36	20	5	ND	2	3	1.0	2	2	296	.02	.043	4	54	.95	38	.33	2	3.14	.01	.03	1	3.4
10N 360E	1	38	11	85	1.3	16	12	286	7.89	12	5	ND	1	12	1.1	2	2	227	.11	.039	2	123	1.04	31	.28	2	2.68	.01	.04	1	5.3
10N 380E	5	140	11	90	.8	24	17	568	4.57	7	5	ND	1	21	.4	2	2	100	.41	.067	8	51	.63	72	.03	2	1.93	.01	.06	1	33.6
STANDARD C/AU-S	19	57	43	132	7.2	70	31	1050	3.97	41	22	7	39	52	18.7	16	23	55	.48	.090	39	58	.88	178	.09	33	1.88	.06	.15	11	51.3

<u>Samples beginning 'RE' are duplicate samples.</u>

KRL Resources Corp. FILE # 91-3859

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
11N 560W	3	108	30	99	1.8	32	15	581	7.33	23	5	ND	1	48	.6	2	3	142	.31	.081	7	105	2.09	187	.16	2	4.98	.07	.29	1	11.6
11N 520W	8	79	37	154	1.8	21	13	611	9.09	137	5	ND	3	5	.6	5	2	146	.04	.053	7	88	1.22	55	.16	2	4.70	.01	.08	1	20.5
11N 380W	3	45	18	732	.4	35	13	550	5.88	22	5	ND	1	6	.4	2	2	118	.07	.033	7	108	2.24	57	.08	2	4.01	.01	.08	1	16.5
11N 360W	3	60	29	361	.5	31	29	1869	6.95	35	5	ND	1	11	.7	4	2	104	.17	.078	11	45	1.53	63	.07	2	4.16	.01	.08	1	23.2
11N 340W	4	46	19	94	2.9	12	14	391	13.19	63	5	ND	2	4	.2	2	2	98	.02	.054	4	40	.27	64	.05	2	3.86	.01	.03	1	3.1
11N 180W	17	134	21	379	2.4	35	24	4125	4.97	288	9	ND	1	86	5.6	3	2	39	1.56	.168	29	26	.26	116	.06	2	5.02	.03	.05	1	8.7
11N 160W	4	61	24	179	1.0	23	7	268	3.08	21	5	ND	1	11	.2	2	2	60	.14	.056	15	30	.99	68	.06	3	2.38	.01	.08	1	15.3
11N 100W	9	865	18	690	.6	135	44	2974	9.03	221	5	ND	1	33	3.3	8	7	128	.63	.086	55	98	2.48	89	.06	2	3.53	.01	.04	1	17.2
11N 80W	19	218	26	113	4.3	31	20	1882	13.95	47	5	ND	1	15	1.2	3	7	177	.24	.102	13	51	.49	22	.03	2	2.57	.01	.01	1	18.5
11N 60W	19	98	26	71	2.4	29	17	350	14.96	28	5	ND	1	3	.5	5	3	192	.02	.100	5	75	.42	23	.04	2	4.39	.01	.02	1	9.8
10N 620W	4	41	27	65	.7	11	9	225	6.16	36	5	ND	2	3	.3	2	2	113	.02	.026	9	32	.30	42	.04	2	2.69	.01	.04	1	11.8
10N 600W	5	66	26	92	.2	19	13	628	6.85	53	5	ND	1	6	.3	5	5	73	.04	.035	12	34	.73	56	.06	4	3.19	.01	.06	1	14.6
10N 580W	9	68	31	71	.2	11	7	213	5.39	38	5	ND	1	6	.2	3	2	60	.09	.067	21	37	.32	44	.09	2	4.32	.02	.07	1	10.7
10N 560W	5	49	30	108	.2	22	13	456	8.00	49	5	ND	3	6	.4	5	2	96	.05	.043	8	44	.79	48	.09	6	2.86	.01	.06	1	13.2
9N 600W	5	19	11	36	.1	7	6	117	4.65	30	5	ND	1	5	.4	2	2	142	.02	.026	10	17	.11	50	.07	3	1.75	.01	.04	1	15.5
9N 580W	5	42	26	69	.1	14	9	233	7.27	50	5	ND	1	5	.4	2	2	134	.06	.029	9	41	.49	43	.10	2	2.57	.01	.05	1	25.8
9N 560W	3	88	20	117	.3	25	19	553	4.97	43	5	ND	2	6	.2	4	2	64	.07	.056	13	39	.92	73	.09	4	5.40	.01	.05	1	23.8
9N 520W	3	50	26	84	.3	18	13	532	5.92	42	5	ND	1	7	.2	2	2	72	.11	.053	9	32	.89	44	.08	4	2.56	.01	.05	1	21.2
8N 520W	4	42	22	69	.3	11	11	890	6.32	108	5	ND	1	8	.2	5	2	103	.08	.043	11	40	.37	53	.08	2	3.65	.01	.04	1	21.2
8N 500W	4	67	24	94	.1	17	12	405	7.03	60	5	ND	2	5	.2	2	2	121	.03	.032	10	47	.64	65	.10	2	4.37	.01	.06	1	11.5
8N 480W	2	60	22	93	.2	20	10	311	6.81	146	5	ND	3	5	.2	5	2	93	.03	.028	8	55	.85	49	.09	3	5.44	.01	.06	1	16.5
RE 9N 560W	3	86	17	114	.2	25	18	537	4.83	46	5	ND	2	6	.3	2	2	61	.06	.054	12	37	.91	70	.09	2	5.16	.01	.05	1	16.6
8N 440W	3	37	16	59	.2	14	9	194	8.47	45	5	ND	2	5	.2	2	2	108	.02	.023	8	31	.41	40	.08	2	2.66	.01	.05	1	7.8
8N 420W	6	56	26	85	.1	18	9	254	6.24	59	5	ND	3	4	.2	3	2	92	.03	.024	9	45	.70	48	.08	3	5.69	.01	.05	1	36.2
T.L.5W 980N	5	32	23	73	.6	12	10	324	7.85	40	5	ND	3	6	.7	2	2	115	.05	.030	8	33	.58	42	.12	2	3.34	.01	.04	1	29.6
T.L.5W 840N	3	66	22	93	.1	23	12	438	5.29	48	5	ND	2	6	.2	2	2	76	.06	.037	20	39	.88	57	.08	2	3.72	.01	.05	1	34.1
T.L.5W 820N	2	42	20	70	.3	13	10	253	7.14	42	5	ND	3	5	.2	3	2	104	.03	.037	6	53	.59	43	.11	2	5.97	.01	.04	1	10.2
T.L.5W 760N	4	37	20	87	.1	12	18	979	7.45	41	5	ND	1	5	.5	2	2	86	.05	.035	12	48	.49	50	.11	2	3.37	.01	.06	1	8.0
STANDARD C/AU-S	18	57	37	129	6.9	70	34	1025	3.89	42	18	7	38	54	18.4	17	19	57	.48	.088	38	56	.85	174	.09	34	1.84	.06	.15	11	45.4

<u>Samples beginning 'RE' are duplicate samples.</u>

APPENDIX 4

Table of analytical results
Surface rock

SAMPLE NO.	Au opt/ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	As ppm	Bi ppm	Ni ppm	Co ppm	Mo ppm	W ppm
826	0.001	0.3	77	12	24	2	63	2	68	8	1	4
827	0.001	0.5	100	7	27	2	5	2	56	13	2	1
828	0.007	1.0	58	25	39	2	8288	6	10	12	1	2
829	0.005	1.0	200	84	109	2	42571	33	5	124	1	1
830	0.001	0.5	112	12	38	2	878	2	75	28	1	1
831	0.002	0.5	83	6	28	2	50	2	53	10	2	1
832	0.001	0.9	395	150	363	4	18	2	88	23	15	1
833	0.003	1.0	116	53	140	2	1863	2	14	24	1	3
834	0.001	0.5	174	8	44	2	79	2	83	26	3	3
835	0.041	0.6	10	20	46	2	99999	28	89	136	2	1
836	0.001	0.3	118	5	28	2	551	2	112	16	2	1
837	0.001	0.2	40	4	65	2	63	2	6	9	1	2
838	0.001	0.9	135	15	163	2	30	2	48	12	1	1
839	0.001	1.1	356	10	61	2	438	2	43	13	2	1
840	0.294	147.4	47	1790	207	5	1962	212	12	27	4	2
841	0.002	1.1	91	49	55	2	68	2	26	9	1	1
842	0.001	1.5	247	56	348	2	138	2	9	11	2	1
843	0.001	0.2	20	2	56	2	64	2	55	20	1	1
844	0.001	0.3	12	17	28	2	126	2	6	2	1	1
845	0.002	1.4	117	26	28	3	25	2	41	13	3	1
846	0.001	0.9	116	19	58	2	40	2	28	12	5	3
847	11	0.7	233	3	31	2	13	2	82	22	6	2
848	8	1.3	139	29	126	2	39	2	46	24	2	1
849	14	1.0	91	4	62	2	6	2	33	33	1	1
850	3	0.3	87	6	81	2	2	2	15	15	1	1
851	30	3.5	176	2	32	2	11	2	34	34	3	-1
852	8	0.4	40	5	38	2	9	2	36	36	1	1
853	49	0.4	243	3	35	2	154	4	32	32	3	1
854	2	1.5	185	43	80	2	5	3	37	37	3	1
855	28	1.5	486	7	48	2	3	2	35	35	3	1
856	8	0.9	201	6	43	2	3	2	42	42	21	1
857	7	0.6	487	4	35	2	5	2	82	82	6	1
858	12	0.6	75	2	59	2	10	2	31	31	2	1
859	15	1.0	104	3	71	2	11	5	44	44	2	1
860	3	1.0	90	19	76	2	2	2	30	30	36	1
861	6	0.5	109	4	28	2	2	2	37	37	2	1
862	14	0.5	105	4	21	2	14	2	59	59	2	1
863	5	0.6	70	22	39	2	10	2	24	24	1	1
864	8	0.4	60	4	61	2	6	2	51	51	3	1
865	5	0.3	118	3	75	2	2	2	42	42	1	1
866	23	0.9	162	4	49	2	5	2	41	41	2	2
867	15	0.6	168	7	90	2	48	2	92	92	3	1
868	3	0.7	129	12	60	2	6	2	60	60	5	1
869	7	0.3	23	2	103	3	16	9	18	18	6	1
870	6	0.3	12	2	62	3	2	2	29	12	1	1
871	9	0.7	133	2	66	2	17	2	81	16	5	2
872	5	0.8	110	2	46	2	2	2	41	18	1	1
873	451	1.7	333	10	29	3	26551	11	5	58	4	2
874	22	0.8	309	2	38	2	118	2	29	11	1	1
875	30	0.5	125	3	24	2	490	2	51	13	5	1
876	7	0.5	67	5	34	7	17	2	63	12	8	1
877	3	0.8	119	5	35	2	8	2	88	15	18	1
878	2289	35.9	16020	4849	1369	201	3508	18	21	21	1	1
879	69	1.4	209	82	91	6	47	2	20	18	1	1
880	21	1.0	62	6	99	6	7	2	8	8	2	2
881	6	0.4	73	5	27	2	20	2	72	72	2	1
882	210	6.3	2970	1038	273	27	445	2	72	72	1	1
883	13	0.3	101	17	601	3	45	2	72	72	2	1
884	7	0.5	52	11	132	2	16	2	77	77	6	3
885	87	1.2	459	5	61	7	74	2	9	9	2	1
886	25	1.2	422	15	43	3	20	2	10	10	1	1
887	5	0.4	73	6	34	3	13	2	16	16	1	1
888	13	0.9	145	2	161	3	13	2	40	40	1	4
889	4	1.0	109	12	43	13	15	2	27	27	3	1
890	4	0.9	174	12	55	14	10	2	34	37	2	1
891	2	0.7	113	4	26	4	2	2	46	46	1	1
892	2	0.7	171	7	20	4	3	2	86	86	6	1
893	5	0.5	90	4	28	3	2	2	34	34	1	1
894	88	0.9	116	38	48	5	56	2	68	68	2	1
895	20	5.0	89	5	40	2	6	2	37	37	1	1
896	1	0.3	14	10	38	5	13	2	14	14	2	2
897	1	0.4	49	12	31	4	17	2	57	57	8	1
898	1	0.6	83	12	41	7	25	2	32	32	1	5
899	2	0.9	119	8	50	7	4	3	39	39	1	2
900	1	0.9	180	13	48	5	48	2	22	22	2	1
901	11	0.8	352	5	34	3	10	2	4	4	2	1

SAMPLE NO.	Au opt/ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	As ppm	Bi ppm	Ni ppm	Co ppm	Mo ppm	W ppm
902	682	0.8	234	3	63	7	177	2	31	31	1	2
903	2	0.4	17	2	72	9	8	2	6	6	2	3
904	42	0.3	60	5	25	2	6669	2	66	66	22	3
905	123	0.2	51	51	86	6	752	2	6	16	1	3
906	42	0.5	91	91	37	8	663	2	30	10	1	3
907	29	0.8	178	178	18	2	1219	2	42	28	1	1
908	10	0.3	41	41	24	2	202	2	16	6	2	1
909	13	0.7	108	108	20	2	155	2	67	27	22	1
910	15	0.4	12	12	7	2	168	2	7	2	2	3
911	22	1.7	390	11	61	2	204	4	7	14	2	1
912	2620	3.7	662	42	46	2	323	31	4	22	3	1
913	17	0.4	144	10	29	2	22	4	12	7	3	1
914	6	0.6	121	7	27	2	51	2	67	15	8	1
915	6	0.6	225	5	27	2	292	2	70	13	2	1
916	3	0.8	24	25	136	2	24	2	4	5	1	1
917	12	0.4	130	5	40	2	28	2	20	9	6	1
918	1239	8.2	454	98	42	11	6656	60	6	23	18	1
919	34	0.6	124	6	39	2	80	2	23	16	4	1
920	3170	28.9	68	458	594	8	561	7	45	37	15	1
921	23	0.9	46	97	32	2	30	59	38	16	18	1
922	7	1.0	109	20	29	2	64	2	59	12	2	1
923	2	1.3	94	11	62	13	28	2	129	14	6	1
924	4	0.2	6	11	104	11	4	2	7	8	20	1
975	341	19.1	547	384	4.09%	2	4908	16	13	18	1	1
976	7	0.2	13	9	456	2	78	2	13	4	2	1
977	11	2.7	78	33	590	48	161	2	27	5	12	1
978	70	5.9	99	2299	1262	11	105	2	25	7	17	1
979	1375	65.4	496	1857	35932	118	8062	30	25	15	4	1
980	429	8.1	168	298	3702	103	13513	4	19	8	2	1
981	1122	115.1	1373	3060	704	83	1779	43	20	8	5	1
982	2112	38.0	478	2045	24168	595	99958	44	27	67	3	1
983	451	44.9	257	1687	11693	56	2048	7	47	4	33	1
984	1045	71.3	99	12633	0.56%	115	10756	12	25	27	5	1
985	1749	52.1	410	9084	7.56%	136	3243	28	18	11	2	1

APPENDIX 5

Analytical certificates
Surface rock

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL/ASSAY CERTIFICATE

KRL Resources Corp. File # 91-2228
1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN WATKINS

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** oz/t
826	1	77	12	24	.3	68	8	190	1.27	63	5	ND	1	157	.9	2	2	27	1.80	.070	3	20	.23	14	.09	2	2.24	.21	.02	4	.001
827	2	100	7	27	.5	56	13	171	2.62	5	5	ND	1	113	.9	2	2	38	1.24	.047	3	24	.45	24	.11	2	1.98	.30	.10	1	.001
828	1	58	25	39	1.0	10	12	340	3.29	8288	5	ND	1	98	1.2	2	6	45	.82	.078	3	21	1.08	48	.06	2	2.15	.20	.24	2	.007
829	1	200	84	109	1.0	5	124	168	5.39	42571	5	2	4	45	2.4	2	33	53	.68	.146	6	4	.79	21	.04	2	1.31	.09	.08	1	.005
830	1	112	12	38	.5	75	28	243	3.49	878	5	ND	1	220	1.5	2	2	44	1.88	.144	2	62	.73	40	.09	2	3.01	.40	.10	1	.001
831	2	83	6	28	.5	53	10	366	2.25	50	5	ND	1	30	.5	2	2	52	.75	.038	2	30	.69	22	.12	2	1.04	.08	.13	1	.002
832	15	395	150	363	.9	88	23	483	4.94	18	5	ND	1	28	4.3	4	2	207	.65	.087	5	79	1.62	73	.24	2	1.59	.06	.94	1	.001
833	1	116	53	140	1.0	14	24	605	4.77	1863	5	ND	2	167	2.3	2	2	97	1.22	.214	7	17	1.43	55	.11	2	2.52	.16	.16	3	.003
834	3	174	8	44	.5	83	26	421	5.22	79	5	ND	1	214	2.1	2	2	138	1.23	.134	2	31	1.63	47	.17	2	3.49	.33	1.12	3	.001
835	2	10	20	46	.6	89	136	181	12.15	99999	5	2	1	27	2.5	2	28	33	.24	.021	2	11	.65	12	.01	2	.98	.02	.07	1	.041
836	2	118	5	28	.3	112	16	262	2.01	551	5	ND	1	31	.8	2	2	49	.43	.035	3	35	.59	12	.07	2	.91	.09	.15	1	.001
837	1	40	4	65	.2	6	9	848	4.31	63	5	ND	10	102	1.4	2	2	97	1.15	.230	19	4	1.28	64	.27	2	2.54	.15	.17	2	.001
838	1	135	15	163	.9	48	12	517	4.33	30	5	ND	1	144	3.6	2	2	76	1.93	.105	2	40	1.04	45	.14	2	3.41	.40	.32	1	.001
839	2	356	10	61	1.1	43	13	228	3.96	438	5	ND	1	73	1.9	2	2	57	.96	.133	3	69	.94	44	.11	2	1.78	.13	.10	1	.001
840	4	47	1790	207	147.4	12	27	724	2.39	1962	5	13	3	126	5.5	5	212	57	3.02	.112	5	19	1.21	35	.02	2	1.29	.03	.16	2	.294
841	1	91	49	55	1.1	26	9	348	2.78	68	5	ND	2	16	.6	2	2	73	.25	.047	3	34	1.49	23	.12	2	1.32	.03	.07	1	.002
842	2	247	56	348	1.5	9	11	606	4.30	138	5	ND	1	103	5.0	2	2	62	1.44	.108	5	9	1.36	38	.21	2	1.81	.11	.07	1	.001
843	1	20	2	56	.2	55	20	512	3.65	64	5	ND	1	262	1.6	2	2	85	1.12	.104	2	188	2.01	161	.18	2	3.15	.16	1.28	1	.001
844	1	12	17	28	.3	6	2	139	.63	126	5	ND	1	14	.8	2	2	4	.21	.013	2	8	.12	6	.02	2	.24	.03	.03	1	.001
845	3	117	26	28	1.4	41	13	458	3.69	25	5	ND	1	43	1.5	3	2	107	.84	.060	2	43	1.51	71	.16	2	2.71	.26	.99	1	.002
846	5	116	19	58	.9	28	12	356	3.02	40	5	ND	1	132	1.4	2	2	107	1.28	.109	2	31	.87	22	.11	2	2.37	.29	.13	3	.001
STANDARD C/AU-1	18	60	41	132	7.3	73	33	1051	3.97	38	15	7	40	52	18.9	15	19	55	.48	.089	39	60	.88	176	.09	32	1.94	.06	.15	11	.096

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

DATE RECEIVED: JUL 3 1991 **DATE REPORT MAILED:** July 8/91. **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

ACME ANALYTICAL LABORATORIES LTD.   852 E. HASTINGS ST. VANCOUVER B.C.   V6A 1R6   PHONE(604)253-3158   FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp.   File # 91-2421
1022 - 470 Granville St., Vancouver BC V6C 1V5   Submitted by: JOHN J. WATKINS

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
847	6	233	3	31	.7	82	22	227	3.86	13	5	ND	1	112	.8	2	2	120	2.22	.081	2	45	.89	48	.15	2	3.35	.29	.49	2	11
848	2	139	29	126	1.3	46	24	260	4.34	39	5	ND	1	226	1.0	2	2	52	2.04	.153	2	21	.43	29	.08	2	2.47	.33	.13	1	8
849	1	91	4	62	1.0	33	20	662	4.29	6	5	ND	1	111	1.1	2	2	125	1.39	.212	2	43	1.57	66	.16	2	2.49	.28	.35	1	14
850	1	87	6	81	.3	15	13	503	3.32	2	5	ND	1	195	1.4	2	2	61	2.73	.178	2	18	.61	59	.11	3	3.85	.58	.19	1	3
851	3	176	2	32	3.5	34	12	223	3.44	11	5	ND	1	189	1.0	2	2	73	2.48	.115	2	21	.65	57	.12	2	3.34	.39	.49	1	30
852	1	40	5	38	.4	36	16	211	2.39	9	5	ND	1	185	.8	2	2	46	2.40	.124	3	35	.38	33	.11	3	2.93	.43	.12	1	8
853	3	243	3	35	.4	32	8	204	3.11	154	5	ND	1	49	.6	2	4	58	.66	.061	2	28	.87	71	.17	2	1.48	.13	.23	1	49
854	3	185	43	80	1.5	37	12	542	3.85	5	5	ND	1	38	1.3	2	3	92	.51	.182	3	39	1.31	50	.10	2	1.48	.09	.21	1	2
855	3	486	7	48	1.5	35	47	390	7.67	3	5	ND	1	77	.4	2	2	94	.80	.099	2	34	.89	66	.15	2	1.99	.21	.24	1	28
856	21	201	6	43	.9	42	17	384	3.65	3	5	ND	1	30	.3	2	2	109	.31	.077	4	34	1.51	54	.20	3	1.45	.08	.15	1	8
857	6	487	4	35	.6	82	24	497	4.58	5	5	ND	1	43	.8	2	2	99	.72	.117	3	88	1.97	66	.19	3	1.55	.10	.19	1	7
858	2	75	2	59	.6	31	10	684	4.27	10	5	ND	1	22	.6	2	2	73	.23	.069	3	38	3.07	115	.10	2	2.82	.06	.50	1	12
859	2	104	3	71	1.0	44	17	322	3.89	11	5	ND	1	224	.8	2	5	65	2.86	.159	2	48	.64	62	.12	3	3.63	.45	.35	1	15
860	36	90	19	76	1.0	30	15	570	4.14	2	5	ND	1	118	.7	2	2	66	1.41	.135	2	27	.95	45	.10	2	2.56	.27	.12	1	3
861	2	109	4	28	.5	37	20	332	4.57	2	5	ND	1	148	1.2	2	2	96	1.94	.226	2	40	.86	29	.16	2	2.38	.27	.10	1	6
862	2	105	4	21	.5	59	10	251	2.28	14	5	ND	1	117	.2	2	2	29	1.09	.048	2	25	.63	59	.06	3	2.31	.21	.35	1	14
863	1	70	22	39	.6	24	8	247	1.89	10	5	ND	1	59	.3	2	2	38	.56	.048	2	27	.44	53	.08	2	1.36	.14	.32	1	5
864	3	60	4	61	.4	51	12	540	3.52	6	5	ND	1	57	1.1	2	2	128	.61	.076	2	48	1.99	110	.25	2	2.15	.15	.71	1	8
865	1	118	3	75	.3	42	27	536	6.09	2	5	ND	1	165	2.4	2	2	119	1.63	.129	2	95	2.71	184	.26	2	4.14	.34	1.90	1	5
866	2	162	4	49	.9	41	23	511	3.96	5	5	ND	1	183	1.2	2	2	87	2.09	.176	2	70	1.40	53	.15	2	3.23	.43	.20	2	23
867	3	168	7	90	.6	92	12	290	3.48	48	5	ND	1	29	.7	2	2	98	.24	.048	2	54	.91	43	.15	2	1.22	.10	.21	1	15
868	5	129	12	60	.7	60	25	409	3.91	6	5	ND	1	92	1.1	2	2	81	1.04	.123	2	48	1.08	38	.20	11	1.72	.11	.13	1	3
869	6	23	2	103	.3	18	11	812	3.75	16	5	ND	1	139	.8	3	9	78	2.40	.084	5	33	1.96	61	.04	2	2.20	.14	.11	1	7
STANDARD C/AU-R	19	58	38	132	7.4	72	33	1053	4.01	43	23	7	38	52	18.0	15	21	57	.48	.091	38	55	.89	179	.09	32	1.90	.06	.15	12	530

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK   AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 9 1991 **DATE REPORT MAILED:** July 12/91. **SIGNED BY**..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-2514 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
870	1	12	2	62	.3	29	12	1389	4.88	2	5	ND	1	106	.2	3	2	96	.79	.177	4	128	3.11	22	.11	2	3.55	.11	.05	1	6
871	5	133	2	66	.7	81	16	285	2.84	17	5	ND	1	41	.3	2	2	67	.53	.050	2	39	1.08	47	.14	2	1.37	.13	.20	2	9
872	1	110	2	46	.8	41	18	388	3.96	2	5	ND	1	254	.7	2	2	84	1.95	.125	2	76	1.34	122	.14	2	3.87	.50	.52	1	5
873	4	333	10	29	1.7	5	58	188	8.09	26551	6	ND	7	48	.4	3	11	89	.40	.186	16	3	.94	87	.09	2	1.24	.06	.19	2	451
874	1	309	2	38	.8	29	11	330	4.64	118	5	ND	1	217	.8	2	2	128	2.03	.174	2	46	1.51	156	.18	2	4.25	.47	.75	1	22
875	5	125	3	24	.5	51	13	208	2.23	490	5	ND	1	39	.2	2	2	58	.52	.052	2	34	.84	23	.10	3	1.21	.12	.18	1	30
876	8	67	5	34	.5	63	12	429	3.54	17	5	ND	1	15	.2	7	2	186	.40	.073	3	72	1.79	67	.24	2	1.85	.05	.47	1	7
877	18	119	5	35	.8	88	15	284	3.08	8	5	ND	1	60	.2	2	2	105	.83	.103	6	53	.66	31	.13	2	1.17	.12	.07	1	3
878	1	16020	4849	1369	35.9	21	21	1920	24.29	3508	5	2	1	12	31.9	201	18	3	.28	.015	2	18	.33	3	.01	9	.12	.01	.01	1	2289
879	1	209	82	91	1.4	20	18	723	5.07	47	5	ND	1	236	1.6	6	2	153	1.76	.217	6	21	1.83	103	.19	2	3.66	.30	1.01	1	69
880	2	62	6	99	1.0	8	18	500	5.31	7	5	ND	2	102	1.1	6	2	165	1.32	.102	7	23	1.89	74	.24	2	3.52	.34	1.07	2	21
881	2	73	5	27	.4	72	7	166	1.80	20	5	ND	1	68	.2	2	2	29	1.23	.043	3	24	.22	20	.06	2	.93	.08	.10	1	6
882	1	2970	1038	273	6.3	72	12	687	4.82	445	7	ND	1	36	5.4	27	2	47	.55	.037	3	33	.76	24	.11	2	1.11	.11	.20	1	210
883	2	101	17	601	.3	72	6	155	2.06	45	5	ND	1	65	6.0	3	2	49	.73	.056	3	31	.33	22	.07	2	1.20	.17	.16	1	13
884	6	52	11	132	.5	77	5	278	1.16	16	5	ND	1	168	1.2	2	2	11	3.46	.071	6	15	.03	19	.06	3	.96	.06	.02	3	7
885	2	459	5	61	1.2	9	13	332	5.28	74	5	ND	3	63	.7	7	2	165	.69	.078	3	22	1.88	105	.27	2	2.84	.16	1.09	1	87
886	1	422	15	43	1.2	10	11	259	4.30	20	6	ND	4	99	.8	3	2	114	.97	.085	5	14	1.28	103	.27	2	2.39	.18	.63	1	25
887	1	73	6	34	.4	16	5	212	2.36	13	5	ND	2	35	.2	3	2	48	.38	.059	4	14	.88	15	.08	2	1.07	.10	.12	1	5
888	1	145	2	161	.9	40	16	466	4.24	13	5	ND	1	244	1.4	3	2	74	2.84	.180	4	53	1.02	48	.13	2	4.81	.59	.08	4	13
889	3	109	12	43	1.0	27	13	432	3.19	15	5	ND	1	97	.4	13	2	50	.61	.068	3	25	.98	47	.09	3	1.78	.19	.45	1	4
890	2	174	12	55	.9	34	22	487	3.82	10	5	ND	1	138	.4	14	2	123	.99	.102	4	24	1.65	104	.20	2	3.15	.36	1.22	1	4
891	1	113	4	26	.7	46	26	314	3.98	2	5	ND	1	470	.3	4	2	83	2.34	.134	4	21	1.05	129	.14	4	4.17	.57	.71	1	2
892	6	171	7	20	.7	86	15	170	3.56	3	5	ND	1	111	.2	4	2	76	1.06	.048	3	43	.63	67	.09	3	2.28	.24	.26	1	2
893	1	90	4	28	.5	34	10	332	3.04	2	5	ND	1	96	.4	3	2	46	1.08	.038	3	22	.42	26	.11	2	1.90	.12	.10	1	5
894	2	116	38	48	.9	68	23	506	3.30	56	5	ND	2	54	.5	5	2	66	.70	.075	3	27	.89	68	.11	2	2.04	.13	.47	1	88
895	1	89	5	40	1.5	37	11	258	3.20	6	5	ND	1	39	.3	2	2	68	.59	.050	2	30	.85	91	.11	2	1.54	.16	.41	1	20
896	2	14	10	38	.3	14	5	259	1.12	13	5	ND	1	224	.4	5	2	47	1.95	.163	4	16	.49	51	.13	2	2.37	.46	.20	2	1
897	8	49	12	31	.4	57	6	237	1.45	17	5	ND	1	53	.4	4	2	49	1.30	.091	3	35	.17	18	.07	2	.70	.11	.07	1	1
898	1	83	12	41	.6	32	13	367	3.32	25	5	ND	1	132	.5	7	2	74	1.80	.074	2	28	1.09	88	.17	3	3.86	.49	.80	5	1
899	1	119	8	50	.9	39	17	586	4.59	4	5	ND	1	180	.5	7	3	105	1.69	.188	4	42	1.41	40	.11	2	3.15	.29	.09	2	2
900	2	180	13	48	.9	22	7	389	2.94	48	5	ND	1	44	.5	5	2	91	1.10	.107	3	30	1.42	34	.09	2	1.68	.12	.23	1	1
901	2	352	5	34	.8	4	14	310	4.41	10	5	ND	6	56	.5	3	2	77	.88	.218	13	2	.92	88	.21	2	1.45	.13	.39	1	11
902	1	234	3	63	.8	31	12	455	4.70	177	5	ND	1	162	.9	7	2	183	1.49	.190	2	35	1.85	151	.22	2	3.88	.42	1.48	2	682
903	2	17	2	72	.4	6	7	1156	4.94	8	5	ND	8	102	.8	9	2	87	.95	.205	15	6	1.34	88	.24	3	2.42	.13	.32	3	2
904	22	60	5	25	.3	66	15	288	2.15	6669	5	ND	1	39	.2	2	2	87	.83	.072	4	41	.27	27	.08	2	.69	.10	.05	3	42
STANDARD C/AU-R	18	61	39	133	7.3	71	31	1096	4.00	43	18	6	41	53	18.7	15	20	57	.48	.090	40	58	.89	179	.09	34	1.96	.07	.15	11	451

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 ROCK P2 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 14 1991 **DATE REPORT MAILED:** July 17/91 **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

GEOCHEMICAL A[illegible]SIS CERTIFICATE

KRL Resources Corp. File # 91-2815

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
900A	2	93	31	37	4.4	17	183	492	10.75	30971✓	6	4	4	18	.4	7	68	131	.35	.151	8	3	1.90	72	.05	2	1.85	.03	.11	41	3600
900B	3	220	4563	73	232.3✓	41	789	227	19.45	31899✓	12	26	6	13	.9	9	436	25	.24	.092	8	22	.34	30	.04	9	.58	.03	.19	113	19200
900C	3	1559	798	444	68.0✓	22	261	375	9.20	25853✓	5	6	4	23	8.7	8	113	48	.49	.163	8	12	.86	53	.05	3	1.01	.04	.18	3	5900
900D	1	855	6250	9179✓	69.6✓	41	11	1218	5.80	684	5	2	1	118	186.6	41	11	85	7.32	.176	6	75	1.77	34	.06	2	1.93	.05	.26	1	440
900E	2	68	69	40	4.8	113	476	174	17.92	31856✓	9	ND	4	39	.5	226	32	44	.30	.044	2	33	.65	17	.03	8	.88	.09	.28	110	3700
900G	3	291	22	33	2.0	7	56	245	5.17	14056✓	5	ND	7	47	.5	5	15	65	.69	.228	15	4	.87	72	.09	3	1.22	.07	.19	6	560
900H	1	157	85	111	1.7	24	60	224	6.62	30126✓	5	3	2	40	2.0	2	47	48	.45	.071	5	20	.81	59	.03	2	1.13	.10	.16	18	2340
900I	1	430	17	39	1.1	37	14	234	3.85	3330	5	ND	1	58	.6	2	8	76	.64	.086	4	42	1.07	95	.10	2	1.65	.14	.54	4	550
905	1	51	7	86	.2	6	16	1463	3.55	752	5	ND	1	75	.5	6	2	116	1.22	.125	6	21	1.20	94	.15	4	2.50	.16	.20	3	123
906	1	91	12	37	.5	30	10	487	3.21	663	5	ND	1	86	.2	8	2	73	.50	.056	2	40	1.52	46	.08	3	2.24	.14	.47	3	42
907	1	178	8	18	.8	42	28	261	3.31	1219	5	ND	1	172	.4	2	2	58	1.56	.069	2	56	.60	115	.08	2	2.27	.28	.24	1	29
908	2	41	10	24	.3	16	6	359	1.21	202	5	ND	1	48	.6	2	2	12	3.62	.019	2	11	.21	15	.04	2	.45	.05	.06	1	10
909	22	108	10	20	.7	67	27	394	3.08	155	5	ND	1	114	.6	2	2	132	2.99	.086	2	37	.54	21	.08	4	2.99	.17	.41	1	13
910	2	12	8	7	.4	7	2	111	.67	168	5	ND	1	5	.2	2	2	5	.14	.005	2	10	.05	7	.01	3	.10	.01	.02	3	15
STANDARD C/AU-R	19	63	39	131	7.6	69	32	1065	3.92	42	22	6	39	53	17.0	16	18	58	.48	.087	39	57	.88	175	.09	34	1.90	.06	.15	11	450

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 24 1991 DATE REPORT MAILED: July 30/91. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

ACME ANALY L LABORATORIES LTD. 852 E. HASTINGS ST. VAN ER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604 3-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3559 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5

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
911	2	390	11	61	1.7	7	14	292	3.45	204	5	ND	8	43	.9	2	4	54	.71	.174	15	4	.74	35	.21	3	1.15	.07	.13	1	22
912	3	662	42	46	3.7	4	22	300	6.36	323	5	2	5	53	.2	2	31	90	.80	.216	12	5	1.00	66	.21	2	1.45	.09	.24	1	2620
913	3	144	10	29	.4	12	7	251	2.94	22	5	ND	3	75	.2	2	4	72	.36	.117	9	5	1.00	51	.13	4	1.13	.04	.08	1	17
914	8	121	7	27	.6	67	15	328	3.18	51	5	ND	1	76	.2	2	2	99	.88	.082	4	56	1.35	84	.13	2	2.21	.27	.62	1	6
RE 913	3	134	8	27	.3	13	7	244	2.81	25	5	ND	3	73	.2	2	2	70	.35	.114	8	6	.98	46	.13	2	1.10	.04	.07	1	20

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG » 30 PPM & AU » 1000 PPB
- SAMPLE TYPE: P1 ROCK P2-3 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 16 1991 DATE REPORT MAILED: Aug 22/91. SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
915	2	225	5	27	.6	70	13	191	3.06	292	5	ND	2	15	.2	2	2	57	.34	.052	4	41	.66	17	.11	2	.82	.06	.06	1	6
916	1	24	25	136	.8	4	5	762	2.82	24	5	ND	7	55	1.3	2	2	46	.97	.108	20	6	.93	68	.07	2	1.31	.04	.13	1	3
917	6	130	5	40	.4	20	9	372	3.66	28	5	ND	2	8	.2	2	2	47	.15	.040	4	23	.93	16	.06	2	.94	.03	.06	1	12
918	18	454	98	42	8.2	6	23	266	4.68	6656	5	ND	6	18	.6	11	60	40	.31	.108	14	5	.86	53	.04	2	1.01	.05	.09	1	1239
919	4	124	6	39	.6	23	16	645	4.47	80	5	ND	1	54	.7	2	2	32	3.42	.052	8	11	.92	17	.03	2	.81	.04	.09	1	34
920	15	68	458	594	28.9	45	38	100	6.42	561	5	2	1	3	6.1	8	7	15	.09	.006	2	13	.04	14	.01	2	.10	.01	.05	1	3170
RE 918	18	450	97	47	8.1	7	22	267	4.66	6402	5	ND	7	18	.9	12	59	41	.31	.106	14	6	.85	54	.04	2	1.01	.05	.08	1	-
921	2	46	20	32	.9	38	16	364	2.07	30	5	ND	1	25	.2	2	2	72	.58	.068	2	29	.70	67	.08	2	1.23	.12	.34	1	23
922	6	109	11	29	1.0	59	12	601	3.49	64	7	ND	1	95	.6	2	2	46	5.37	.094	2	36	.57	24	.09	2	2.18	.23	.22	1	7
923	20	94	11	62	1.3	129	14	316	2.53	28	5	ND	1	112	.9	13	2	132	2.91	.073	2	41	.56	25	.13	2	3.32	.13	.20	1	2
924	1	6	6	104	.2	7	8	763	3.60	4	5	ND	1	91	.6	11	2	35	3.89	.105	9	5	1.20	102	.03	2	1.93	.03	.22	1	4
STANDARD C/AU-R	18	62	38	130	7.3	70	32	1033	3.93	43	19	6	40	51	18.4	16	19	56	.49	.089	38	58	.86	179	.09	31	1.92	.06	.16	13	460

Samples beginning 'RE' are duplicate samples.

ACME AN[illegible]TICAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]COUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6[illegible]4)253-1716

GEOCHEMICAL/A[illegible]Y CERTIFICATE

KRL Resources Corp. File # 91-4640
1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
975	1	547	384	37397	19.1	13	18	2072	23.31	4908	5	ND	1	17	857.8
RE 979	3	496	1746	35504	63.6	24	15	69	19.32	7920	5	ND	2	6	730.2
976	2	13	9	456	.2	13	4	472	1.84	78	5	ND	1	38	9.1
977	12	78	33	590	2.7	27	5	292	3.00	161	5	ND	1	11	12.0
978	17	99	2299	1262	5.9	25	7	3345	3.67	105	5	ND	1	361	24.5
979	4	496	1857	35932	65.4	25	15	76	19.14	8062	5	ND	1	15	722.4
980	2	168	298	3702	8.1	19	8	266	6.63	13513	5	ND	1	25	89.5
981	5	1373	3060	704	115.1	20	8	34	19.48	1779	5	ND	2	13	12.7
982	3	478	2045	24168	38.0	27	67	178	17.58	99958	5	ND	1	19	615.3
983	33	257	1687	11693	44.9	47	4	170	9.28	2048	5	ND	1	22	274.3
984	8	99	12633	5909	71.3	25	27	199	17.77	10756	6	ND	1	26	138.0
985	2	410	9084	75872	52.1	18	11	4717	24.38	3243	5	ND	1	18	1951.7
STANDARD C/AU-R	19	59	37	135	6.7	72	33	1076	4.00	41	16	6	39	53	17.8

SAMPLE#	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	Zn %
975	2	16	118	.31	.059	2	21	2.96	12	.01	2	4.48	.01	.04	1	341	4.09
RE 979	119	28	10	.04	.006	2	5	.13	5	.01	2	.29	.01	.01	1	1463	-
976	2	2	15	.78	.051	8	14	.42	26	.01	3	.73	.01	.04	1	7	-
977	48	2	80	.17	.054	9	23	.87	42	.01	2	1.37	.01	.14	1	11	-
978	11	2	41	6.44	.044	5	9	.88	29	.01	2	.85	.01	.11	1	70	-
979	118	30	4	.17	.004	2	4	.06	6	.01	2	.15	.01	.01	1	1375	-
980	103	4	36	.48	.138	3	12	.50	42	.01	2	1.37	.01	.18	1	429	-
981	83	43	5	.10	.001	2	8	.04	3	.01	2	.09	.01	.01	1	1122	-
982	595	44	14	.27	.041	3	9	.13	20	.01	2	.57	.01	.11	1	2112	-
983	56	7	20	.30	.019	2	10	.10	17	.01	2	.35	.01	.10	1	451	-
984	115	12	11	.30	.025	4	6	.13	7	.01	2	.26	.01	.07	1	1045	.56
985	136	28	9	.28	.003	2	1	.91	3	.01	2	.34	.01	.01	1	1749	7.56
STANDARD C/AU-R	14	19	57	.46	.086	38	59	.87	183	.08	33	1.92	.06	.14	11	473	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK ZN - REGULAR ASSAY. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 23 1991 DATE REPORT MAILED: Sept 26/91. SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-4712 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1732	3	438	44	64	3.0	30	45	419	5.74	4231	5	ND	1	53	.9	4	8	63	2.36	.081	3	20	1.15	74	.07	4	1.41	.07	.17	1	140
1733	1	335	10	40	1.5	29	13	338	4.32	565	5	ND	1	126	.3	6	4	87	2.74	.210	3	21	1.18	59	.10	3	2.53	.27	.19	1	75
1734	1	100	24	35	1.8	5	25	651	2.40	2886	5	ND	1	98	.3	2	8	44	5.45	.094	4	10	.94	40	.07	4	1.22	.06	.12	1	520
RE 1739	2	103	4	42	.3	3	10	622	4.59	8	5	ND	4	117	.2	3	3	89	3.38	.251	10	7	1.10	210	.27	3	2.38	.23	1.24	1	5
1735	1	244	20	38	1.7	4	6	338	3.10	467	5	ND	1	91	.4	2	5	50	2.45	.105	4	10	1.02	81	.12	3	1.57	.13	.18	1	31
1736	2	222	7	29	.6	3	3	267	2.86	22	5	ND	1	141	.2	2	3	51	1.92	.113	4	10	.92	101	.19	3	1.69	.20	.19	1	128
1737	2	249	7	32	.8	9	7	267	3.61	295	5	ND	1	118	.3	2	4	59	1.44	.102	3	16	1.07	101	.19	3	1.78	.21	.22	1	21
1738	2	647	5	41	1.2	17	12	421	5.09	32	5	ND	3	91	.3	2	6	73	2.53	.231	10	16	.96	89	.21	3	1.73	.22	.31	1	17
1739	2	107	3	42	.3	3	9	624	4.65	6	5	ND	4	120	.2	2	2	90	3.37	.253	11	8	1.10	223	.28	4	2.41	.25	1.26	1	8
1740	2	249	9	43	.6	9	15	466	5.55	32	5	ND	4	101	.2	2	4	82	2.04	.265	10	13	1.10	93	.23	2	2.12	.29	.67	1	22
1741	1	201	5	39	.4	2	14	530	4.92	13	5	ND	4	113	.2	2	3	82	2.66	.281	12	9	.98	109	.21	2	1.86	.19	.37	1	58
1742	1	390	4	38	.7	3	15	443	5.07	3	5	ND	4	95	.2	2	4	81	2.60	.278	11	8	.96	115	.22	2	1.68	.16	.31	1	12
1743	2	367	5	32	.7	8	13	352	5.07	5	5	ND	4	78	.2	2	5	74	2.09	.278	12	8	.88	102	.23	3	1.53	.15	.31	1	10
1744	2	272	6	39	.7	6	11	468	4.51	35	5	ND	5	97	.2	2	4	84	1.96	.285	13	10	1.05	122	.22	2	1.86	.21	.27	1	7
1745	2	578	4	2361	.8	37	31	335	5.50	3705	5	ND	1	55	30.9	8	6	58	1.77	.105	4	30	.81	71	.16	2	1.19	.13	.47	13	148
1746	2	673	3	56	.8	4	17	401	6.30	41	5	ND	3	94	.6	2	7	72	2.66	.252	10	9	.92	105	.25	3	1.69	.16	.33	1	95
1747	2	326	7	38	.6	3	19	367	6.32	42	5	ND	4	101	.2	2	7	84	1.90	.283	11	9	1.01	140	.28	2	1.96	.19	.60	1	34
1748	1	267	7	42	.4	1	14	446	5.83	16	5	ND	3	108	.2	2	6	87	2.35	.270	10	9	1.06	235	.29	3	2.11	.22	.87	1	86
1749	1	296	4	74	.7	1	14	847	6.79	26	5	ND	3	109	.2	2	4	110	2.44	.259	9	5	1.47	435	.31	4	2.90	.21	2.35	1	92
1750	2	130	2	63	.3	2	13	662	5.95	26	5	ND	4	120	.2	2	2	110	1.61	.295	11	6	1.45	430	.33	5	3.00	.24	2.06	1	9
1751	1	204	5	43	.5	1	12	494	5.12	11	5	ND	3	69	.2	2	4	91	1.65	.259	10	6	1.30	159	.26	2	1.98	.11	.73	1	21
1752	1	529	51	39	2.3	2	32	1070	6.75	633	5	ND	2	146	.3	2	7	74	6.56	.202	11	9	1.15	85	.17	2	1.53	.10	.30	1	91
1753	1	546	9	40	1.4	1	14	431	5.85	10	5	ND	3	73	.4	2	6	88	2.50	.266	11	7	1.25	118	.23	2	1.55	.11	.63	1	20
1754	1	676	23	44	2.4	1	20	379	6.70	161	5	ND	2	68	.5	2	9	74	2.32	.257	9	9	.97	99	.21	2	1.45	.15	.34	1	230
1755	2	336	5	41	.8	2	14	358	5.28	107	5	ND	2	66	.2	2	6	98	1.68	.308	10	9	1.31	147	.27	2	1.84	.16	.67	1	41
1756	2	272	8	46	.9	1	9	416	4.66	4	5	ND	3	70	.2	2	5	94	1.67	.296	12	7	1.24	251	.30	3	1.92	.17	1.02	1	44
1757	1	287	5	31	.5	1	10	308	4.67	6	5	ND	2	56	.2	2	5	76	1.71	.273	11	8	.93	140	.28	2	1.47	.15	.56	1	53
1758	3	399	3	87	.8	2	13	354	5.68	14	5	ND	2	68	.3	2	5	88	1.48	.264	10	17	1.25	203	.24	4	1.88	.16	.71	1	32
1759	1	325	2	42	.7	1	12	371	5.14	50	5	ND	3	68	.2	2	4	94	1.71	.269	11	8	1.26	171	.25	4	1.85	.14	.64	1	21
1760	2	178	5	61	.4	2	8	473	5.22	5	5	ND	3	60	.2	2	2	98	1.22	.257	11	4	2.02	327	.31	3	2.59	.16	1.80	1	12
1761	1	144	3	37	.3	64	25	474	3.84	94	5	ND	1	190	.2	2	2	77	3.33	.156	2	113	1.39	133	.19	2	3.68	.48	.75	1	11
1762	1	168	2	37	.5	73	21	351	4.27	176	5	ND	1	121	.2	2	4	85	1.64	.116	2	117	1.58	121	.18	3	2.85	.31	.85	1	36
1763	1	96	3	46	.3	56	15	435	3.64	135	5	ND	1	154	.2	2	4	82	1.91	.157	2	106	2.04	126	.20	3	2.90	.28	1.11	1	45
1764	1	177	2	38	.5	45	20	347	3.68	304	5	ND	1	170	.2	2	4	81	1.95	.188	3	80	1.68	163	.21	3	2.91	.37	1.25	1	69
1765	1	246	3	34	.4	55	19	330	4.42	273	5	ND	1	181	.2	2	6	71	2.13	.184	2	81	1.40	131	.19	2	2.98	.40	85	1	106
1766	1	169	5	33	.4	59	14	352	3.67	291	5	ND	1	101	.2	2	6	88	2.50	.131	2	71	1.44	104	.20	2	2.64	.34	1.26	1	88
1767	7	67	2	15	.1	73	8	351	1.55	84	5	ND	1	43	.2	2	2	51	2.74	.052	3	92	.54	15	.06	2	.98	.10	.20	1	11
STANDARD C/AU-R	18	61	40	133	6.7	70	33	1047	4.00	39	18	6	36	54	18.4	15	19	55	.48	.089	37	59	.89	183	.09	33	1.89	.06	.15	12	450

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 25 1991 **DATE REPORT MAILED:** Sept 27/91. **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

OCT-16-1991 09:23AM FROM 604 689 0288 TO 1-338-7234 P.01

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

KRL Resources Corp. FILE # 91-2514R

SAMPLE#	Ag** oz/t	Au** oz/t
878	1.07	.086
902	.02	.022

AG** AND AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: AUG 12 1991 DATE REPORT MAILED: Aug 15/91.

SIGNED BY............D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX 6

Drill hole log abbreviations
Drill hole logs MM1 to MM14
Tabled analytical results
Selected element distributions

Drill Hole Log
Abbreviations

And	andesite
alt'd	altered
ang	angular
arg	argillite
Asp	arsenopyrite
bd	bedded, banded
biot	biotite
bkn	broken
bl'd	bleached
blk	black
brn	brown
bx	breccia
bxwk	breccia stockwork
calc	calcite
carb	carbonate
cg	coarse grained
ch	chert
chl	chlorite
chty	cherty
crmy	creamy
Cp	chalcopyrite
ct	contact
cts	contacts
Db	diabase
dio	diorite
dk	dark
dy	dike
EOH	end of hole
f	fine
fbx	flow breccia
fds	feldspar
fg	fine grained
fl	flow
flt'd	faulted
fol	foliated
FP	feldspar porphyry
fr	fresh
frac	fractured
frag	fragment
Gd	granodiorite
gdmss	groundmass
go	gouge
grad	gradational
gran	granular
graph	graphite
grn	green
gry	grey
insitu	in-situed
intra	intracalated
inter	intercalated
intr	intrusive
irreg	irregular
lamp	lamporphyre
lc	lower contact
loc	local
@	at
( )	signifies small, minor, weak
//	parallel
magn	magnetite
meta	metamorphic
mg	medium grained
min	mineralized
mod	moderate
mott'd	mottled
MS	massive sulphide
msv	massive
P	porphyry
pat	patchy
perp	perpendicular
phenos	phenocrysts
Po	pyyrhotite
prob	probable
psuedo	psuedomorph
Py	pyrite
pyx	pyroxene
Q	quartz
QC	quartz carbonate
ram'd	ramified
rem	remnant
rk	rock
scatt	scattered
secs	sections
sed	sediment
sh	shear
sh'd	sheared
So	primary foliation
sst	sandstone
strg	strong
strly	strongly
stwk	stockwork
subang	subangular
subrd	subround
sulph	sulphide
T	tuff
tc	top contact
tex	texture
thru	throughout
trac	trachytic
unif	uniform
unmin	unmineralized
v	very
var	variable
vcg	very coarse grained
vf	very fine
vfg	very fine grained
volc	volcanic
vn	vein
vn'd	veined
vnlet	veinlet
w	with
wk	weak
wkly	weakly
xc	cross cut
zeno	zenoliths

Drill Hole No. MM-1

Location: 609m North
044m East
790m Elevation

Azimuth: 165°
Dip: -55°
Length: 110.60 m

Started: July 20,1991
Finished: July 21, 1991

Logged by: J J Watkins
July 22 &23, 1991

Contractor: J T Thomas

0-3.03	Casing
3.03-4.45	**Diorite**: fresh, massive, fg, gradational to mineralation 2 % Py,quaryz veined with bleached halos.
4.45-4.85	**Quartz vein**: 70% bull Q w pat bl'd host, 7% Po, c'ts sharp @ 45°-50°.
4.85-5.70 lc sharp sh	**Altered sediment**: sil'd on 70% dk gry host, v f grained f vning w Py, @ 25°.
5.70-6.15	**Sheared vein**: strong Q vein grading to bleached diorite with sharp lower bleaced contact at 45°, boxwork of narrow chlorite, 3% Py.
6.15- 7.10	**Diorite**: fr, fg, (Py), lc grad to alt'd dio.
7.10-11.80	**Altered Intrusive:** 7.10-7.88: strg sil'd w f sulp stwk, narrow bl'd halos @ 45°-60°, lc bkn @ 60° 7.88-9.65: intense sil'd to chert, crmy gry, 3% pat fg Py. 9.65 -11.80: sil'd & loc bl'd, bleached areas centred on sulp+chl pat & vns, lc sharp w intense sil.
11.80-12.73	**Chert vein** to 12.30, crmy gry w 10 cm Q vn @ lc w 2% Po, sh'd ser cts @ 35°. 12.30-12.73: vn related alt'n, 50% bl'd haloed w 5% nsulph vnlets and xc calc vnlets & grad to less alt'd fg dio.
12.73-15.65	**Altered diorite**: Strg skwk related bleaching w 10% remnant wkly alt'd dio, loc insitu frac w sulph+QC & scatt vnlet swarms sulph+QC, sulph 5%.
15.65-20.60	**Sheared sediment**: bkn fg w strg sil'd sections to chert, prob centred on 3cm calc box vn @ 30°, all imposed on f insitu stwk of dk gry vnlets, lc sharp, bkn.

20.60-34.90	**Diorite altered and mineralized diorite** 20.60-20.95: Db dy? w some bl'd halos, 5% Py vnlets. 20.95-21.05: QC Asp w 20% chl pates, 10% sulph vnlets. At 21.3: 5cm QC+Asp vn at 60° w 0.5cm msv cg Asp. To 21.50: Bl'd and vf vn'd Asp. 21.5-24.45: mg-cg dio wk mod bl'd xc by scatt Q+Asp & Py+chl vnlets. 24.45-26.00: Strg bl'd & sulph vn'd at top 0.5m and bottom 0.5m. 10% chl vns all xc by chl+sulph vnlets, 5% total sulph. 26.00-32.80 mg-cg dio w 10-20% vnlets w bl'd halos w 10% Py+chl+/-magn vnlets. At 32.80: 5cm QC+Po(5%)(Cp) vns, 10cm bl'd halo at 30°. At 33.05: 3cm vn w 60% Po(Cp), 20%QC w some chl @ 45° w related vnlets to 34.90. 33.05-34.90: Alt'd dio w 30% bl'd Po(Cp) +chl vnlets @ 45°-60°, lc bkn.
34.90-35.10	**Chert**: sil'd sed, f bd perp to intr ct, 3% f vnlets Q+Po(Cp), lc sh'd @ 60°.
35.10-35.75	**Diabase dike**: chilled cts @ 60°.
35.75-36.20	**Altered sediment?**: fg, sil'd, (bd) @ 60° w diss Py, lc bkn.
36.20-36.90	**Altered mafic dike**: lamp? fg w chl psuedo maf phenos (bio?), f chl vnlets, lc bkn.
36.90-39.10	**Altered sediment**: var So to 38.00, 10% Po(Cp) // to So, xc 1% Q+Py vnlets, 5%cg Asp best near other sulp. 38.00-39.10: sed? but v grad ct to intr, v sil'd, 5% Po(Cp) w wide bl'd halos, scatt Q+Po(Cp) vns to 1cm.
39.10-41.80	**Altered intrusive**: sed?, v bl'd w 10% Po(Q)(Cp) vnlets, diss Asp.
41.80-43.20	**Diabase dike**: fg, msv, 1% f vnlets Py, cts @ 60°.
43.20-45.60	**Mafic dike?**: alt'd db?, 1mm alt'd maf phenos in fg gdmss, xc by 10% Po(Cp)+QC+Asp vnlets w narrow bl'd haloes, biot? alt'd, lc sharp @ 30°.
45.60-46.10	**Altered sediment**: sil'd, bl'd, strg carb, scatt 1cm Q(C) Py Asp(Cp) vning @ 45°, lc bk'n.
46.10-47.55:	**Altered diabase**: as before, lc sharp @ 30°.

47.55-49.90: **Altered sediment**: sil'd but med gry, fg, msv, bl'd, fabric @ 20°-30°, lc sharp 60°.
47.55-48.40: chty w 5% Po(Cp)+(Asp) best to tc.
48.80-49.90: <1% diss Po.

49.90-51.45: **Altered diabase dike**: wk bl'd (calc) vnlets, lc sharp @ 60°.

51.45-53.95: **Cherty sediment**: (ser), scatt QC vns to 1cm w Po(Cp), lc sharp ragged @ 70°-80°.

53.95-54.85: **Altered diabase**: loc bl'd.
At 54.35: 5cm 50% Po(Cp)+Q vn @ 70°, lc sharp 80°.

54.85-56.20: **Altered sediment**: sil'd to crmy ch, So @ 75 to 55.15, 5% Po(Cp) to tc.
At 55.15: 10cm bd dy @ 80°.
lc sharp @ 45°.

56.20-81.20 **Altered graniodiorite**: tc 10cm chill.
56.30-57.50: mod alt'd w 10% Po(Cp)(Q)(chl) vnlets to 0.2cm most @ 70°-80°.
57.50-58.50: strg bl'd w 15% Po(Cp)(Asp)(Q)(chl) stwk vnlets.
58.50-59.50: mod bl'd w 10% Po(Cp) vnlets.
59.50-66.00: mod to strg bl'd 10-15% Po(Cp) w Asp vnlets, (diss Asp) most @ 70°-80°, 5% pat Q vn to 5cm.
66.00-69.60: mod grad to strg bl'd, 10-15% Po(Asp) vnlets to stwk.
69.60-80.00: 20% Po(Cp) vn'd to 3cm, host in cg Gd, widest vns @ 30°-40°.
80.00-81.20: fg chill, 5% vnlets Po(Cp) most @ 75°.
lc sharp vfg chill.

81.20-82.00: **Cherty sediment** So @ 60°, < 1% sulp, lc sharp @ 45°.

82.00-89.00: **Altered granodiorite**: cg, msv, 20% Asp+bl'd haloes to 1cm most @ 80°-90°, lc chilled over 30cm & sh'd @ 30°.

89.00-94.40: **Altered granodiorite**: no chill at tc, cg to 93.00
93.00-94.40: fg chill, 5% vnlets+bl'd haloes w Po(Asp), lc sharp sh'd w calc @ 30°.

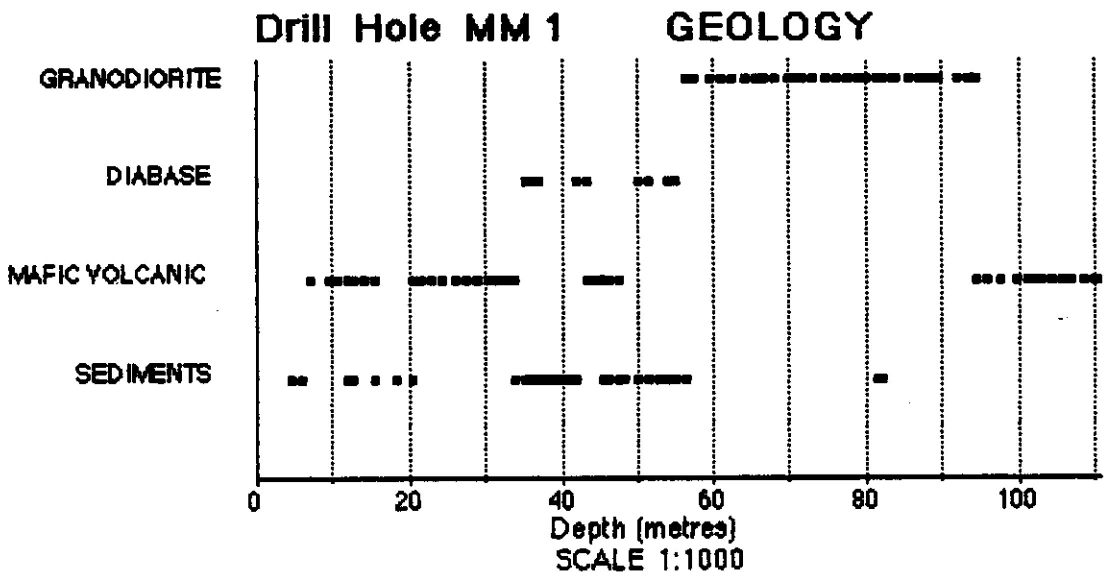
94.40-99.90: **Altered pyroxene porphyry**: mod to loc strg bl'd w chunky 2mm mafic phenos now chl or biot, 10% Po(Cp) vning to 1cm most @ 30°-45°, lc sharp & calc rich @ 20°.

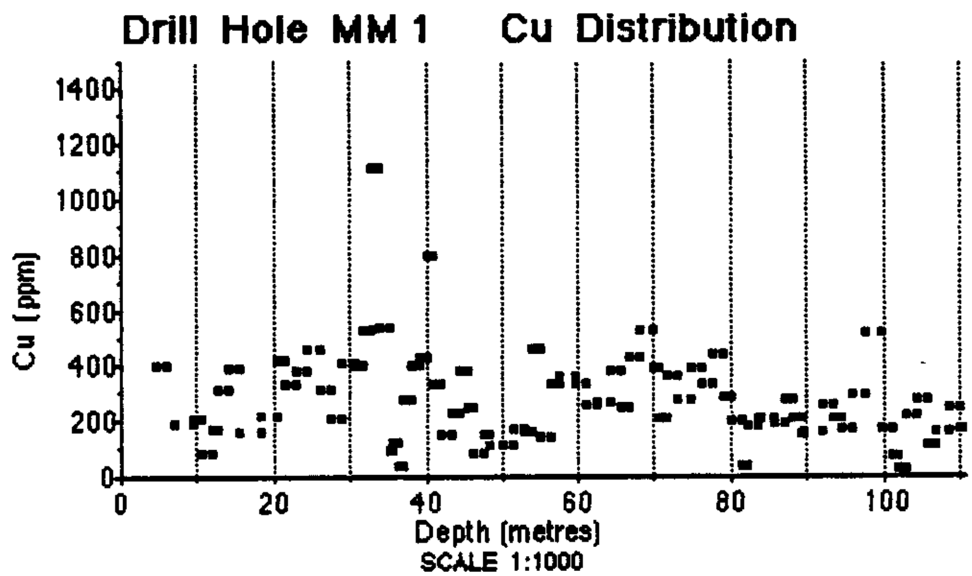
99.90-101.10: **Diabase dike**: f fds phenos, chilled cts, calc vnlets w bl'd haloes w (diss Asp) over 20cm, lc sharp @ 40°.

101.10-110.60: **Altered feldspar porphyry with cherty intervals**: scatt Db to 20cm, hl'd wk fabric @ 40°.
101.10-101.80: sil'd FP? w 20% crmy ch flooding best to cts, (Asp) to tc, lc sharp sh @ 35°.
101.80-104.30: bl'd FP, strg calc alt'd, wk hl'd faric @ 35°, 5% Po(Cp) pat w (vnlets), lc sharp sh @ 45°.
104.30-106.80: chty FP, ch grad to alt'd FP as before, 5% Po(Cp) most in vnlets, some bl'd haloes to vnlets.
106.80-109.80: alt'd FP w chty intervals to .5m, bk'n w calc vnlets @ 40°, 5% Po(Cp) vnlets & pats.

110.60 **END**

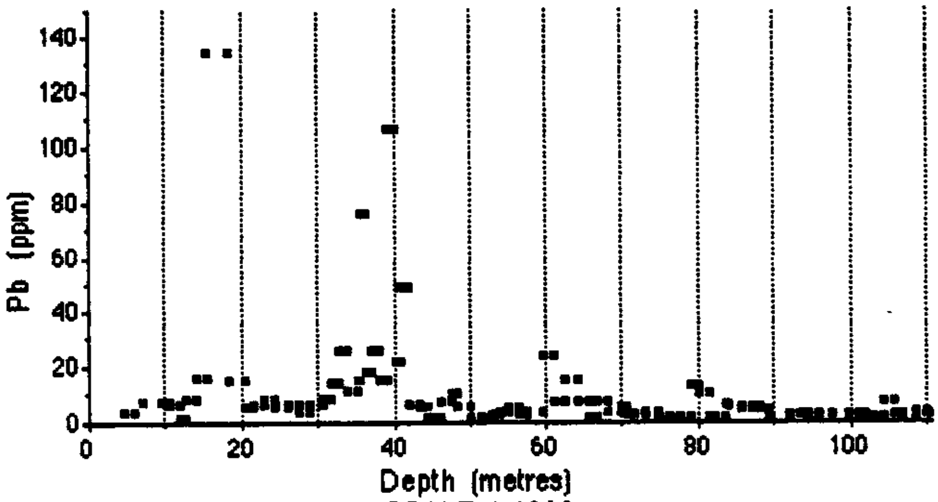
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1077	104.30	105.70	1.40	12	0.5	280	8	28	2	350	4	80	25	4	1
1078	105.70	106.80	1.10	3	0.2	112	3	39	2	151	2	30	8	2	1
1079	106.80	108.40	1.60	27	0.5	163	2	45	2	736	2	77	17	3	1
1080	108.40	109.80	1.40	40	0.2	247	4	39	2	**2093**	4	57	19	1	1
1081	109.80	110.60	0.80	7	0.4	170	3	29	2	66	2	101	14	4	1


Drill Hole MM 1 GEOLOGY
GRANODIORITE
DIABASE
MAFIC VOLCANIC
SEDIMENTS
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000

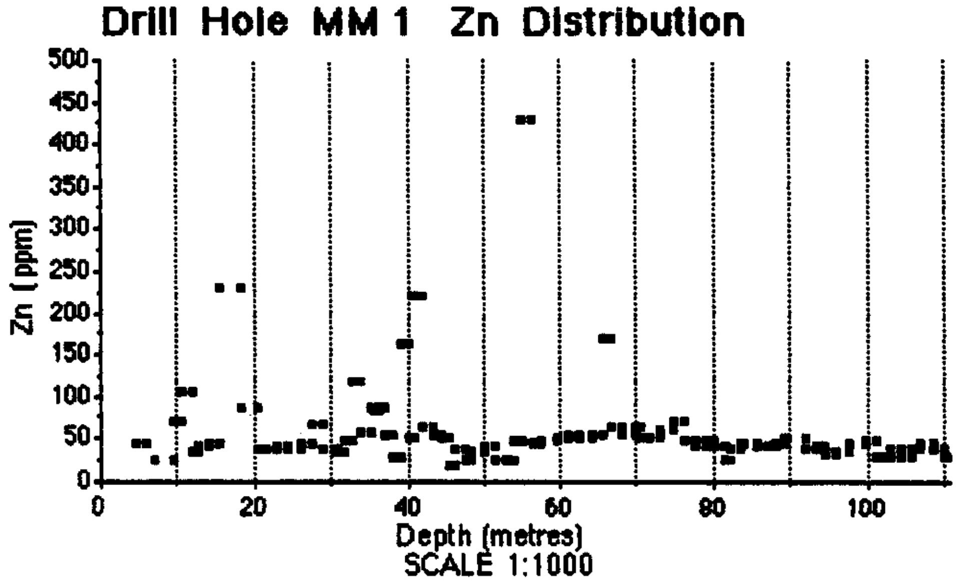


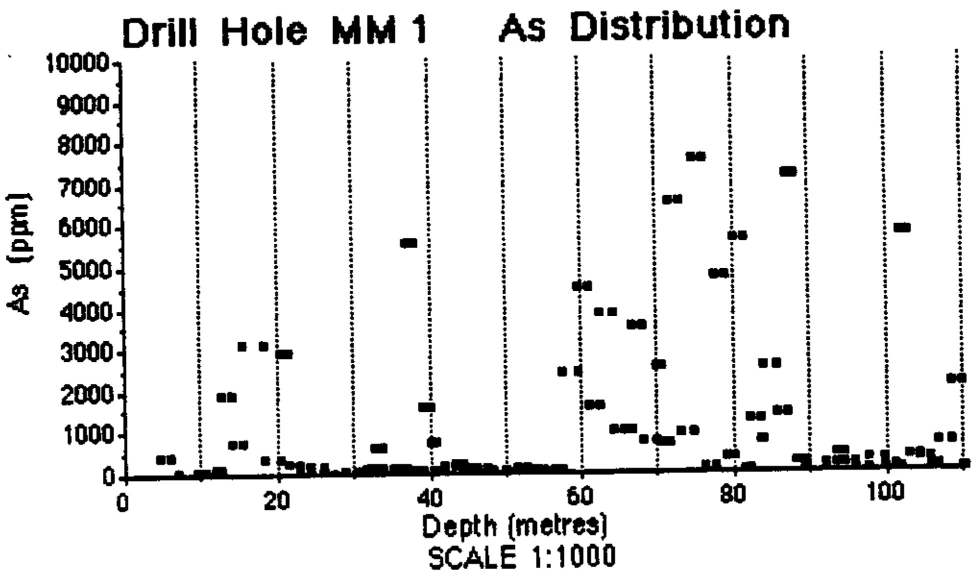
Drill Hole MM 1 Cu Distribution
Cu (ppm)
0
200
400
600
800
1000
1200
1400
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000

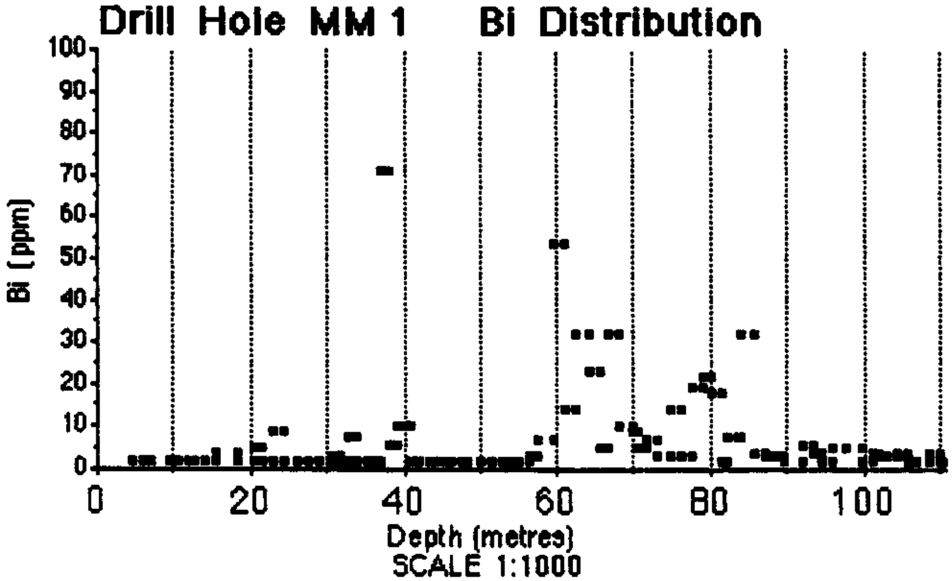
Drill Hole MM 1 Pb Distribution

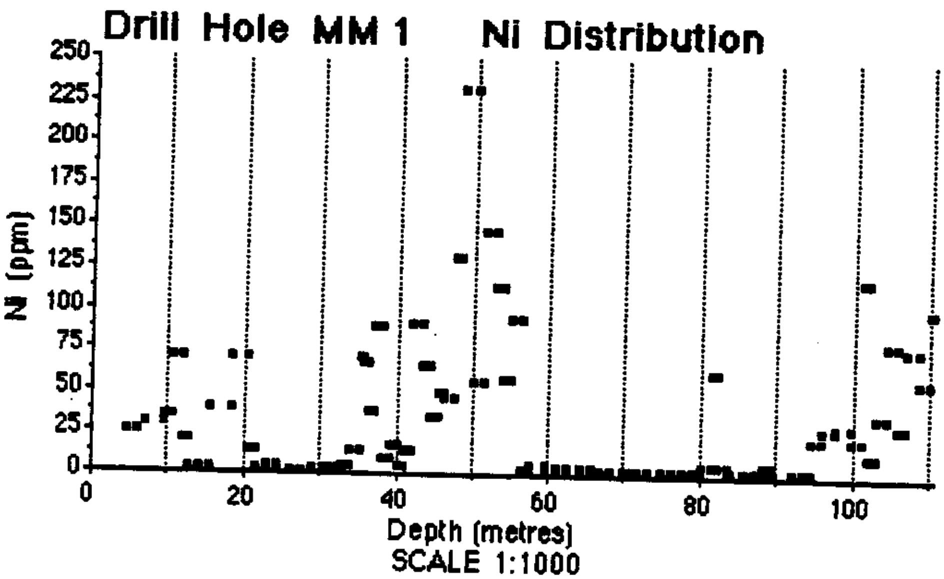


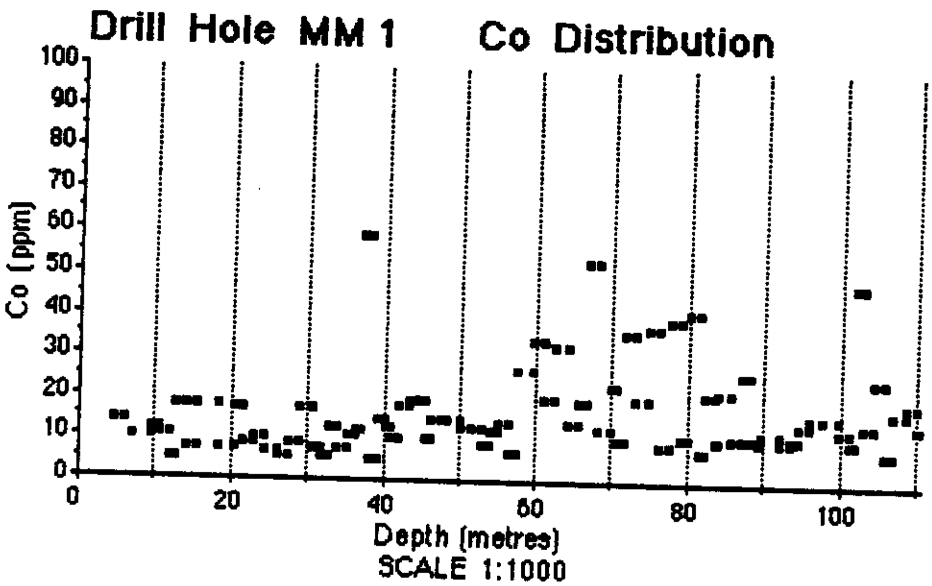
SCALE 1:1000


Drill Hole MM 1 Zn Distribution
Zn (ppm)
500
450
400
350
300
250
200
150
100
50
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000


Drill Hole MM 1 As Distribution
As (ppm)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000

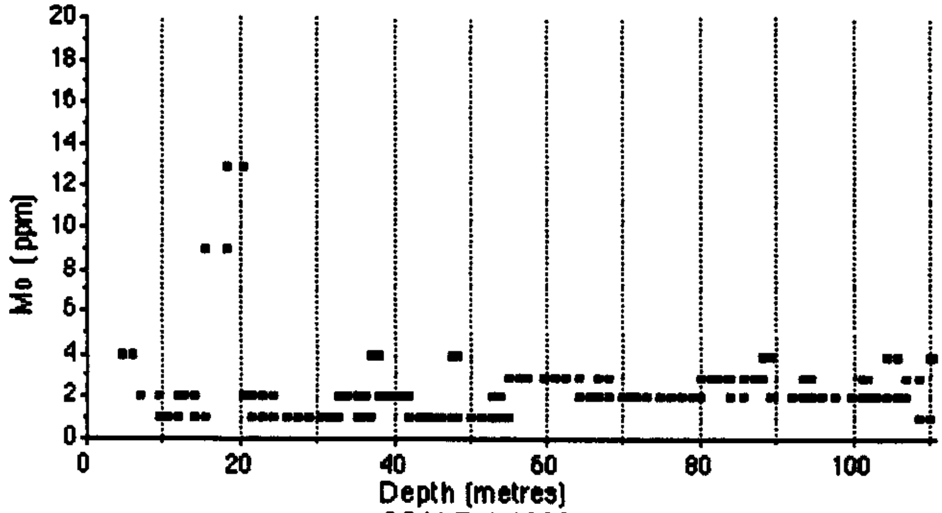

Drill Hole MM 1 Bi Distribution
Bi (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000


Drill Hole MM 1 Ni Distribution
Ni (ppm)
250
225
200
175
150
125
100
75
50
25
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000



Drill Hole MM 1 Co Distribution
Co (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000

Drill Hole MM 1 Mo Disribution



SCALE 1:1000

Drill Hole No. MM-2

Location: 611m North
040m East
790m Elevation

Azimuth: 315°
Dip: -55°
Length: 121.50 m

Started: July 21,1991
Finished: July 23, 1991

Logged by: JJ Watkins
July 24, 1991

Contractor: J T Thomas

0-0.7 Casing

0.70-6.30: **Altered sediment**: v strg pat sil, strg sil'd thru, bl'd w carb alt'd, 10% diss & vn'd sulp Po(Cp)+Asp, scatt 1-2 cm Q vns in poss sh's @ 30°-40°, lc bkn.

6.30-8.45: **Altered diorite**: db? chilled cts, fg thru, 10% bl'd to scatt vnlet stwk, 5% Po(Cp), lc sharp @ 50° against chill.

8.45-14.10: **Altered pyrxene porphyry to coarse grnodiorite breccia**: subrd frags of var sizes & tex w zenos of host?, some frags mineralized w Po(Cp) in unmin host, 10% Po(Cp)+Asp most in bl'd vnlets @ 50°-60°, lc sharp sh @ 20°.

14.10-14.30: **Chert**: sil'd sed? w 20% Po(Cp), lc sharp sh @ 30°.

14.30-16.55: **Altered pyroxene porphyry**: as before, 70% bl'd, 10% Po(Cp) most in vnlets @ 30° & 60°, lc sharp @ 60°.

16.55-38.60: **Altered sediment**:
16.55-20.20: strg bl'd thru & sil'd crmy gry, wk hl'd insitu frac, ser? stwk, 5% sulp(Cp) vnlets & diss, lc sh'd @ 20°.
20.20-21.20: 60% bl'd w rem gry sil arg,. <5% sulp(Cp) in vnlets & diss.
21.20-22.80: bl'd & hl'd wk sh'd thru @ 40°, 3% diss & (vn'd) sulp, lc sh'd @ 40°.
22.80-31.80: 50% bl'd on wk to mod bl'd med to dk gry sil'd arg, 5% diss sulp & vnlets, rare thru vns, lc on flt go.
31.80-32.05: flt bx tc 2cm go @ 45°, ang crmy gry bl'd sil'd frags in 20% calc gdmss, lc sharp @ 45°.
32.05-38.60: 80% crmy gry sil'd arg w 20% pat rem blk arg, wk fabric @ 30°, not bl'd, < 1% vfg sulp, lc bkn sharp.

38.60-39.55: **Altered diabase**: Dio?, mod carb alt'd, (sulph vnlets) w narrow bl'd haloes, lc 2cm chill @ 70°.

39.55-40.80: **Altered sediment**: 80% sil'd sed, 20% blk sil'd arg, vn stwk w 5% vfg Asp, 40.20-40.80, wk sh'd thru hl'd @ 40°, lc sharp @ 20°.

40.80-41.5 0: **Altered diabase**: Dio?, as before, strg carb alt'd, <1% sulph in vnlets, lc vaque.

41.50-45.55: **Altered**:
To 42.15: 60% sil'd crmy, 40% rem blk, 1% diss sulp.
42.15-42.95: strg QC alt'd, vn(s)?, 5% diss & pat sulp, lc sharp 1cm white Q vn @ 40°.
42.95-45.55: 50% sil'd crmy, 50% med grey sil'd arg, vn'd @ 70°-80°, 5% bl'd vnlets w diss sulph, lc vaque.

45.55-46.50: **Diorite dike**: fg, msv, f fds laths, sil'd hard, cts sharp @ 45°.

46.50-46.70: **Quartz vein?** or sil'd Sed: crmy w 5% fg sulph, cts 45°.

46.70-47.35: **Diorite dike**: as before, @ 45°.

47.35-47.65: **Quartz vein** or sil'd Sed: crmy w 5% fg sulph, cts 45°.

46.75-48.20: **Diorite dike**: as before, @ 45°.

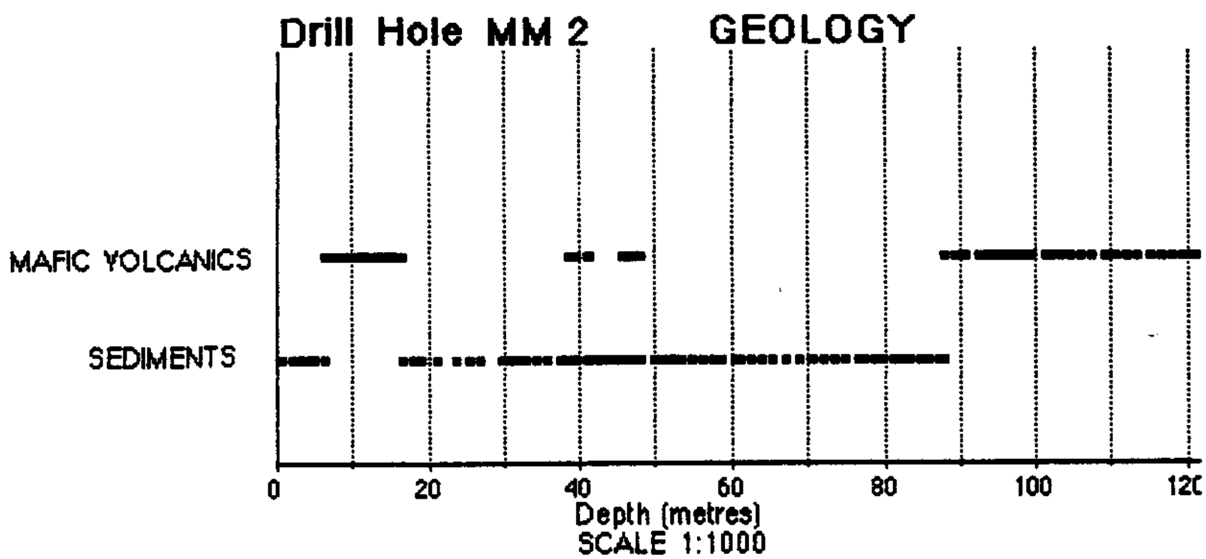
48.20-87.90: **Altered sediment**: crmy gry sil'd sections to 1.5m decreasing & med gry to blk fg sil'd.
48.20-49.65: crmy sil'd, 3-5% diss sulph, wk fabric @ 45°.
51.95-52.20: vn? white & crmy hard vfg Q, 5% sulph.
52.20-58.80: 60% bl'd calc alt'd, 40% blk chty sed, bd @ 45°.
58.80-60.30: blk sil'd arg, carb alt'd thru, 5% fg sulph, some carb vns to 1cm @ 45°.
60.30-61.15: alt'd dy? or one bed of clastic, mg grad to fg, strg carb alt'd, crmy, vfg sulphs.
61.15-62.65: 50% blk chty & 50% carb alt'd clastic beds, bd @ 45°, 1% diss sulp.
62.65-63.95: blk chty, 3% diss Py?
63.95-68.70: sil'd & vn'd thru, 30% crmy sil vn'd w 5% Py thru, bd w med gry @ 45°, poss 10% alt'd mafic dykes to 10cm thru.
68.70-70.60: unif tex, crmy gry w f irreg vning, 2% sulp, lc sharp ragged.
70.60-78.90: 50% crmy sil'd w f irreg vnlets, 5% dk gry sil'd sed, some poss narrow mafic dykelets, more unif down hole, 3-5% Po(Cp)+f Asp?
78.90-79.85: strg sil'd & bl'd=carb alt'd,w 10% pat & vn'd sulp, lc sharp @ 60°.
79.85-81.20: mixed w bds of crmy ch, blk arg, alt'd mafic dykes?, all @ 60°.
81.20-83.40: sil'd & bl'd w 5% fg Asp in vnlets, lc 1cm carb sh @ 85°.
83.40-85.70: alt'd mafic dy?, strg carb alt'd, fg gran, sed?, 5% f vnlets w Asp?
85.70-87.90: crmy sil'd, chty, unif text, msv, 3% sulp in f vnlets lc vaque.

87.90-121.50: **Altered diorite**: fg, 60-80% chty crmy sil'd but w rem fg mafic, 3% Asp as diss & vnlets, 3% Py better to depth.
At 91.40: 3cm vn w 50% cg Asp & cored w white Q, @ 30°.
At 101.70: 5cm ser sh @ 60°.
117.00-121.50: scatt narrow shs @ 20°-30°.

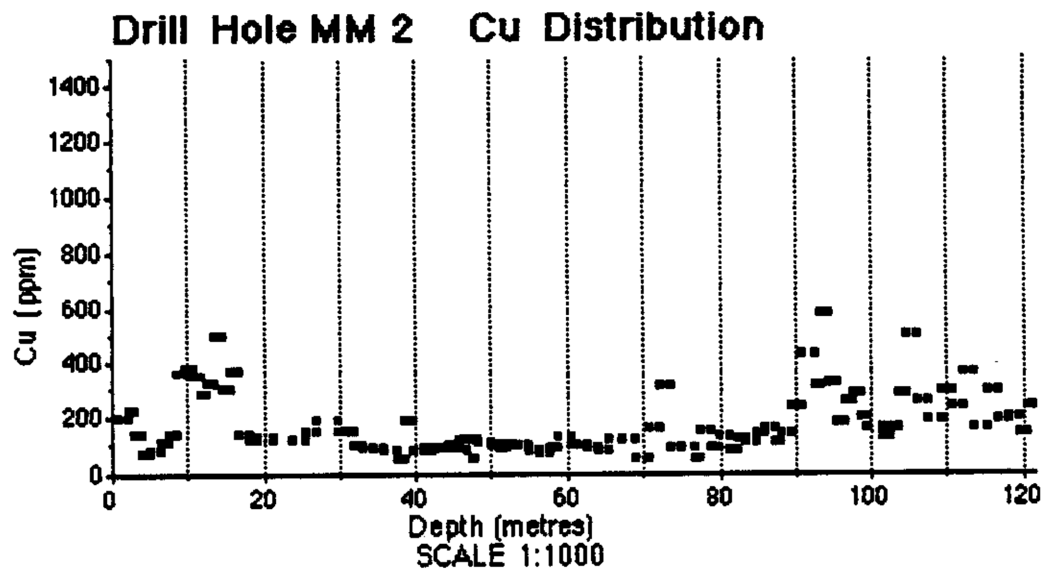
121.50 **END**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1082	0.70	2.00	1.30	7	0.4	200	2	31	2	111	4	52	9	7	1
1083	2.00	3.00	1.00	4	0.5	233	3	54	2	6	2	45	12	7	1
1084	3.00	4.00	1.00	5	0.7	141	11	140	2	11	2	68	10	8	1
1085	4.00	5.00	1.00	5	0.4	81	8	81	2	9	2	61	10	3	1
1086	5.00	6.30	1.30	8	0.5	85	8	27	2	8	3	70	9	2	1
1087	6.30	7.30	1.00	6	0.5	115	2	58	2	6	2	62	19	2	1
1088	7.30	8.45	1.15	5	0.5	144	6	52	2	29	5	56	20	2	1
1089	8.45	9.50	1.05	14	0.7	368	2	35	2	22	2	44	13	2	1
1090	9.50	10.50	1.00	51	0.6	380	6	37	2	48	2	36	12	1	2
1091	10.50	11.50	1.00	33	0.5	360	3	47	2	258	2	142	27	11	2
1092	11.50	12.50	1.00	20	0.5	287	4	43	2	22	2	41	14	1	1
1093	12.50	13.50	1.00	31	0.6	327	5	35	2	8	2	26	11	1	1
1094	13.50	14.50	1.00	**242**	0.9	**503**	4	49	2	450	5	43	19	5	1
1095	14.50	15.50	1.00	40	0.7	307	4	39	2	19	2	22	12	2	1
1096	15.50	16.55	1.05	**231**	0.8	373	4	26	2	78	2	26	15	3	1
1097	16.55	18.10	1.55	17	0.4	148	3	108	2	11	2	100	10	22	1
1098	18.10	19.00	0.90	16	0.4	122	5	99	2	4	2	89	11	3	1
1099	19.00	21.20	2.20	22	0.5	132	5	38	2	13	2	116	16	4	1
1100	21.20	22.80	1.60	12	0.4	123	2	23	2	5	2	88	13	9	1
1101	22.80	23.80	1.00												
1102	23.80	25.30	1.50	16	0.5	122	8	26	2	7	2	85	16	2	1
1103	25.30	26.80	1.50	19	0.6	155	5	30	2	2	2	115	16	4	1
1104	26.80	29.80	3.00	9	0.5	190	3	28	2	6	2	108	12	4	1
1105	29.80	30.80	1.00	13	0.4	156	2	31	2	2	2	85	10	3	1
1106	30.80	31.80	1.00	14	0.5	151	6	29	2	8	2	99	10	2	1
1107	31.80	32.80	1.00	18	0.3	108	2	18	2	5	2	88	10	2	1
1108	32.80	34.30	1.50	12	0.2	97	2	26	2	8	2	97	11	2	1
1109	34.30	35.80	1.50	14	0.2	96	2	27	2	18	2	103	13	2	1
1110	35.80	37.30	1.50	13	0.2	86	2	26	2	16	2	108	13	2	1
1111	37.30	38.60	1.30	51	0.3	62	3	30	2	8	2	66	10	2	1
1112	38.60	39.55	0.95	17	0.4	197	2	27	2	3	2	47	20	1	1
1113	39.55	40.80	1.25	18	0.2	90	6	19	2	8	2	56	10	3	1
1114	40.80	41.50	0.70	20	0.4	100	2	17	2	3	2	57	11	2	1
1115	41.50	42.15	0.65	29	0.3	83	2	31	2	28	2	72	10	2	1
1116	42.15	42.95	0.80	8	0.3	98	3	22	2	12	2	88	13	3	1
1117	42.95	44.00	1.05	8	0.5	95	3	26	2	7	2	92	11	5	1
1118	44.00	44.75	0.75	12	0.4	103	2	25	2	4	2	105	11	4	1
1119	44.75	45.55	0.80	15	0.3	95	2	27	2	6	2	83	11	2	1
1120	45.55	46.50	0.95	9	0.3	128	3	22	2	3	2	44	18	2	1
1121	46.50	46.70	0.20	8	0.4	84	2	20	2	7	2	56	15	3	1
1122	46.70	47.35	0.65	7	0.5	121	2	13	2	2	2	51	21	2	1
1123	47.35	47.65	0.30	9	0.3	55	7	27	2	7	2	73	12	3	1
1124	47.65	48.20	0.55	12	0.4	128	2	25	2	2	2	76	16	1	1
1125	48.20	49.65	1.45	11	0.5	117	5	24	2	14	2	90	10	3	1
1126	49.65	50.90	1.25	20	0.4	107	2	39	2	12	2	108	14	3	1
1127	50.90	51.95	1.05	15	0.2	95	2	24	2	6	2	69	12	3	1
1128	51.95	52.20	0.25	14	0.5	103	2	35	2	14	2	90	17	3	1
1129	52.20	53.20	1.00	11	0.3	108	2	31	2	18	2	99	14	4	1
1130	53.20	54.70	1.50	13	0.4	104	2	29	2	8	2	79	12	3	1
1131	54.70	56.20	1.50	15	0.5	91	2	29	2	12	2	94	12	3	1
1132	56.20	57.70	1.50	12	0.3	76	2	28	2	7	2	63	10	3	1
1133	57.70	58.80	1.10	7	0.3	93	2	35	2	28	2	104	10	6	1
1134	58.80	60.30	1.50	32	1.0	133	2	254	2	13	2	94	13	5	1
1135	60.30	61.15	0.85	16	1.1	102	2	110	2	6	2	53	14	3	1
1136	61.15	62.65	1.50	16	0.8	101	2	62	2	4	2	72	14	4	1
1137	62.65	63.95	1.30	13	0.5	93	2	106	2	9	2	77	13	5	1
1138	63.95	65.50	1.55	10	0.6	84	2	30	2	5	2	84	15	4	1
1139	65.50	67.00	1.50	10	0.8	123	2	37	2	3	2	64	14	3	1
1140	67.00	68.70	1.70	1	0.6	123	4	22	2	5	2	75	13	3	1
1141	68.70	70.60	1.90	**264**	0.3	62	5	10	3	163	2	54	11	3	1
1142	70.60	72.00	1.40	7	0.6	164	4	25	2	326	2	52	21	3	1
1143	72.00	73.50	1.50	3	0.9	314	4	22	2	7	2	30	23	1	1
1144	73.50	75.00	1.50	13	0.5	93	2	25	3	9	2	33	18	2	1
1145	75.00	76.50	1.50	11	0.5	98	6	21	4	44	2	51	11	3	1
1146	76.50	77.50	1.00	15	0.4	62	4	17	2	29	2	74	9	4	1
1147	77.50	78.90	1.40	7	0.6	153	4	31	3	5	2	94	20	3	1
1148	78.90	79.85	0.95	9	0.4	99	4	27	2	19	2	47	15	3	1
1149	79.85	81.20	1.35	5	0.5	130	4	37	2	24	3	113	21	3	1
1150	81.20	82.40	1.20	1	0.4	83	2	23	3	9	2	50	12	3	1
1151	82.40	83.40	1.00	**106**	0.4	129	2	21	2	**3150**	2	65	28	4	1
1152	83.40	84.60	1.20	35	0.3	116	3	15	2	69	2	74	7	4	1
1153	84.60	85.70	1.10	15	0.2	142	2	5	2	34	2	48	8	2	1
1154	85.70	87.20	1.50	1	0.4	159	2	18	2	95	2	80	13	5	1
1155	87.20	87.90	0.70	1	0.3	111	2	19	2	257	3	72	12	4	1
1156	87.90	89.40	1.50	2	0.3	143	5	15	3	309	2	65	16	2	1
1157	89.40	90.90	1.50	21	0.6	238	2	27	2	142	2	60	18	3	1

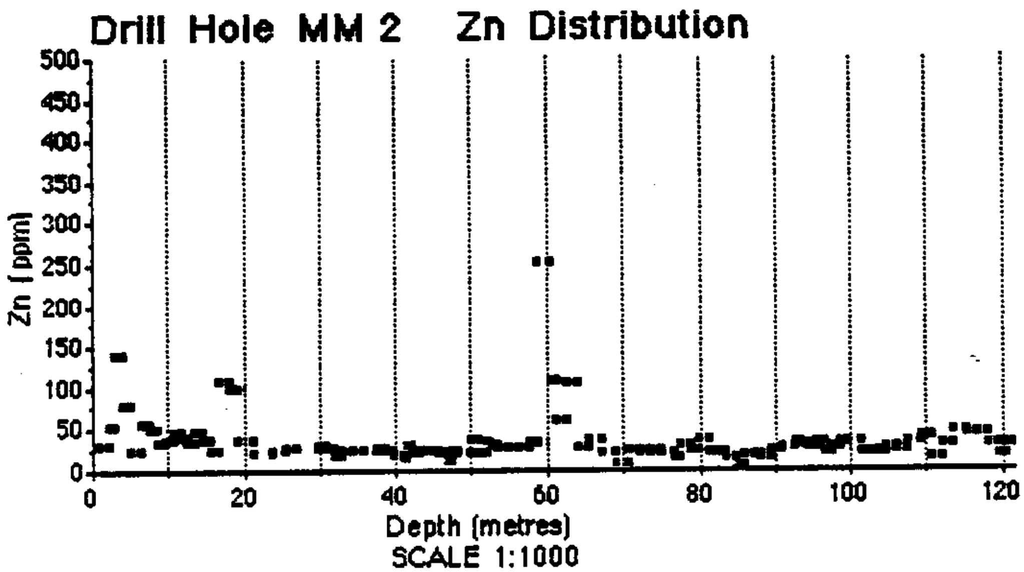
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1158	90.90	92.40	1.50	**891**	0.8	434	8	29	27	**19312**	12	52	59	2	1
1159	92.40	93.40	1.00	4	0.7	316	6	35	2	187	2	28	13	2	1
1160	93.40	94.40	1.00	**264**	1.0	**577**	6	32	3	**2615**	4	38	47	3	1
1161	94.40	95.40	1.00	9	0.6	326	5	30	3	169	2	39	17	3	1
1162	95.40	96.40	1.00	16	0.5	185	4	36	2	114	2	31	14	3	1
1163	96.40	97.40	1.00	5	0.4	256	2	24	3	272	2	34	19	2	1
1164	97.40	98.40	1.00	**220**	0.6	286	4	29	3	**909**	5	35	31	5	1
1165	98.40	99.40	1.00	32	0.4	198	5	34	3	107	3	31	14	1	1
1166	99.40	101.40	2.00	10	0.3	161	2	34	2	153	2	32	14	2	1
1167	101.40	102.40	1.00	15	0.5	132	2	23	3	206	2	83	12	9	1
1168	102.40	103.40	1.00	50	0.5	168	2	24	2	109	3	50	16	4	1
1169	103.40	104.40	1.00	5	0.5	289	4	21	3	69	3	39	18	4	1
1170	104.40	106.00	1.60	11	0.8	498	2	30	3	51	3	68	24	4	1
1171	106.00	107.50	1.50	11	0.6	259	3	26	2	17	2	49	23	3	1
1172	107.50	109.00	1.50	**671**	0.4	192	6	34	16	**8109**	9	29	36	2	1
1173	109.00	110.50	1.50	24	0.5	298	2	42	2	206	2	24	15	2	1
1174	110.50	112.00	1.50	21	0.3	239	2	17	2	51	2	31	21	2	1
1175	112.00	113.50	1.50	23	0.8	369	3	33	3	35	2	33	14	1	1
1176	113.50	115.00	1.50	46	0.7	162	4	49	4	320	3	22	9	1	1
1177	115.00	116.50	1.50	28	0.9	302	5	45	2	72	2	30	11	1	1
1178	116.50	118.00	1.50	36	0.6	196	2	45	6	259	2	24	14	1	1
1179	118.00	119.50	1.50	16	0.5	202	5	33	3	45	2	18	8	1	1
1180	119.50	120.50	1.00	89	0.4	149	2	19	2	85	2	12	8	1	1
1181	120.50	121.50	1.00	60	0.7	242	2	31	2	66	2	14	10	1	1

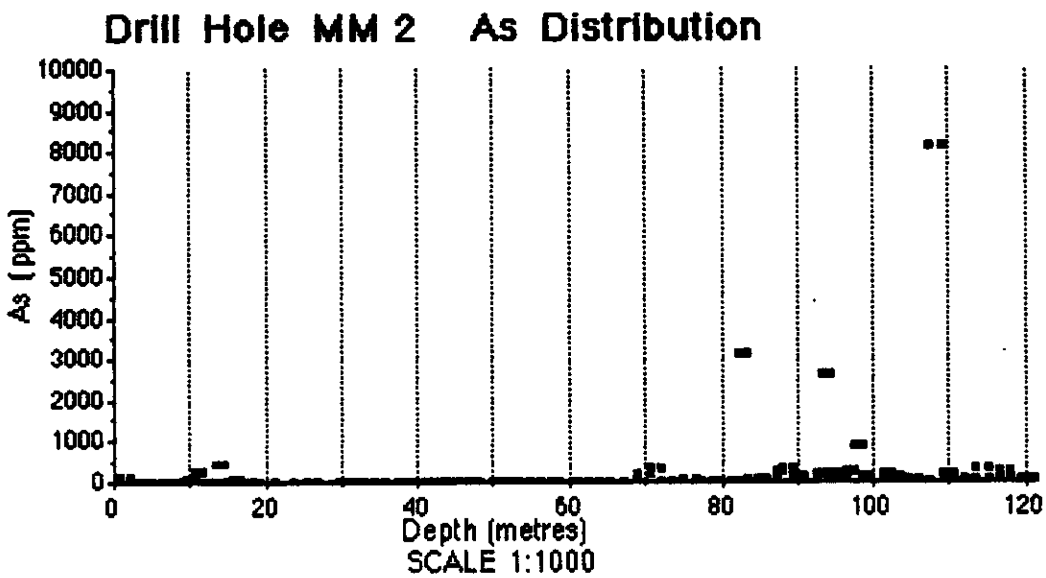


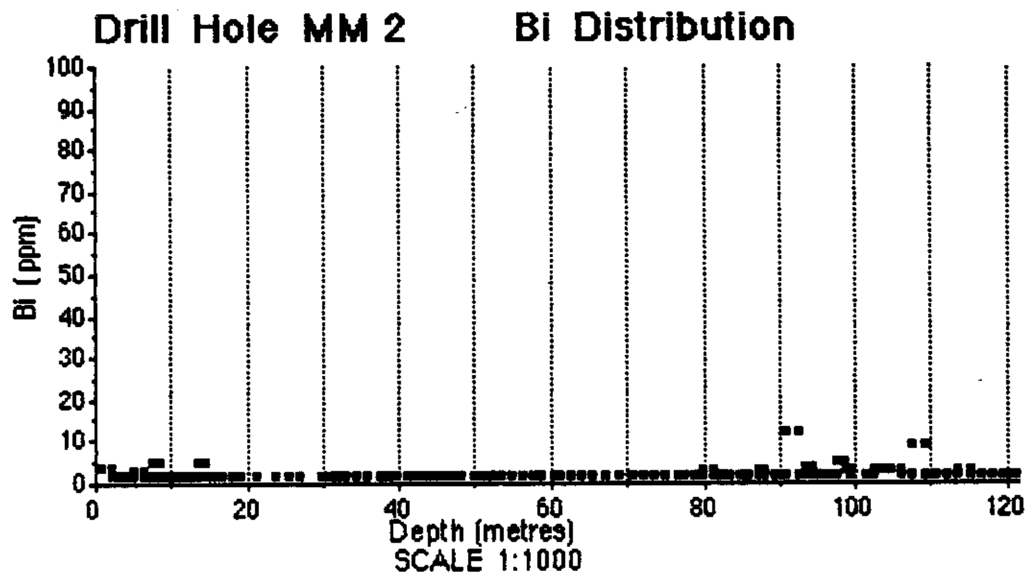
Drill Hole MM 2
GEOLOGY
MAFIC VOLCANICS
SEDIMENTS
0
20
40
60
80
100
12C
Depth (metres)
SCALE 1:1000



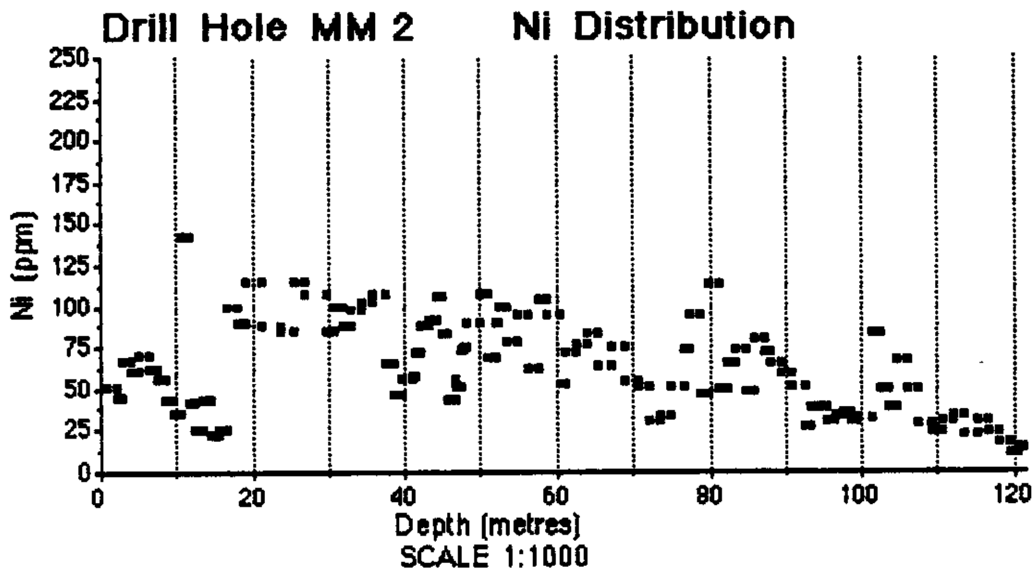
Drill Hole MM 2 Cu Distribution
1400
1200
1000
800
600
400
200
0
Cu (ppm)
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

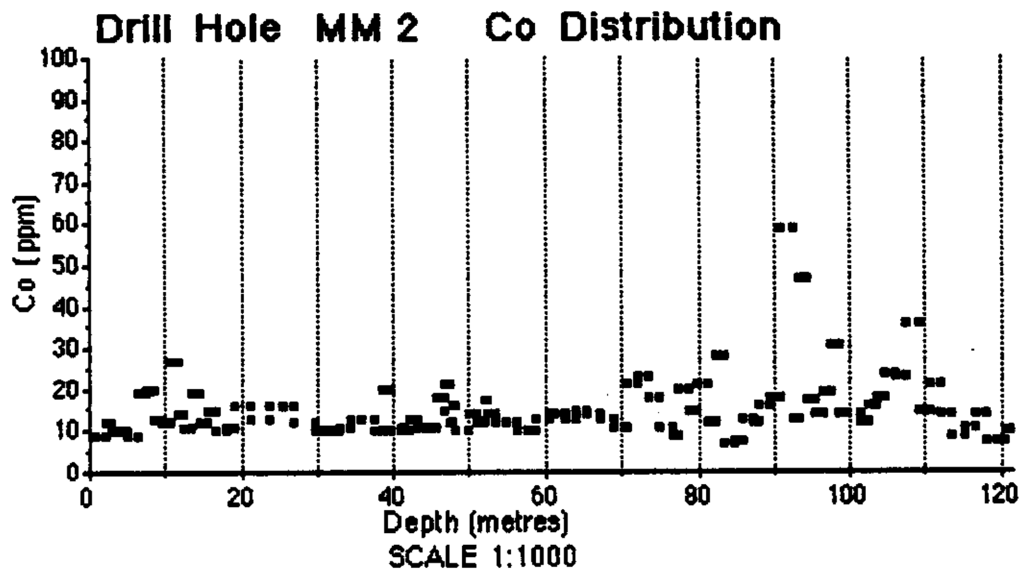

Drill Hole MM 2 Zn Distribution
Zn (ppm)
0
50
100
150
200
250
300
350
400
450
500
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000


Drill Hole MM 2 As Distribution
As (ppm)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

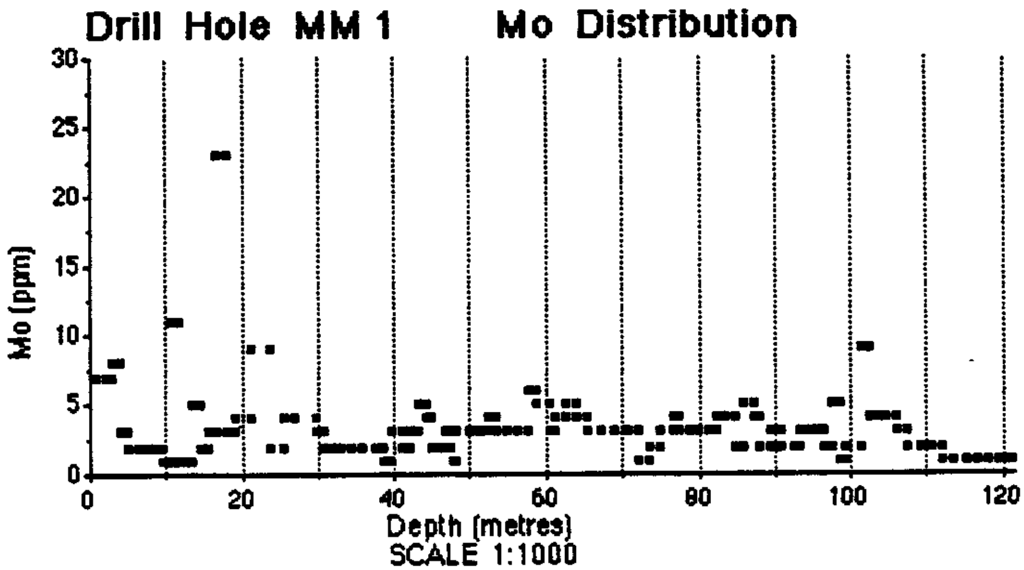


Drill Hole MM 2 Bi Distribution
Bi (ppm)
Depth (metres)
SCALE 1:1000


Drill Hole MM 2 Ni Distribution
Ni (ppm)
250
225
200
175
150
125
100
75
50
25
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000



Drill Hole MM 2 Co Distribution
Co (ppm)
Depth (metres)
SCALE 1:1000



Drill Hole MM 1 Mo Distribution
Mo (ppm)
0
5
10
15
20
25
30
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

Drill Hole No. MM-3

Location: 671m North
087m East
810m Elevation

Azimuth: 315°
Dip: -65°
Length: 120.90 m

Started: July 23,1991
Finished: July 24, 1991

Logged by: J J Watkins
July 25, 1991

Contractor: J T Thomas

0-2.12: Casing

2.12-2.60: **Diabase**: fr, mg-fg, lc w bl'd chill.

2.60-5.20: **Pyroxene porphyry**: pyx phenos=chl (biot), fbx?, lc vaque.

5.20-7.50: **Granodiorite**: mg, bl'd but not calc alt'd.
5.20-5.50: 70% Q w large angular shards of host, 3% sulph.
5.50-7.50: 3% scatt vnlets @ 20° of Py+Asp, lc bkn.

7.50-16.00: **Andesite?**: fg, flow? w bl'd (sil'd) chilled flow cts, scatt diss Asp & pat Po(Cp) in sil'd intervals
8.55-9.55: bkn thru by 20° fracs & centered on 10cm Q vn @ 10°, 5% diss Asp best to tc.
At 14.85: 1cm Q vn w 10% cg Asp @ 30°.
lc bkn sh @ +/-10°.

16.00-16.55: **Altered granodiorite**: light gry, no carb, 10% Q vn'd w diss blk (tourmaline?) haloing vns, 3% f diss Asp, lc sharp @ 45°.

16.55-17.15: **Andesite**: scatt alt'd pyx phenos, some bling (flow cts) w diss Asp, lc sh'd @ 25°.

17.15-17.90: **Andesite?**: sil'd, poss Q vn to 17.45, lc sharp sh @ 60°.

17.90-18.45: **Altered granodiorite**: as before, light gry w blk spots, bkn @ 40°, lc vaque.

18.45-19.50: **Mafic volcanic (intrusive?)**: sil fl'd w rem host, prob w alt'd mafic phenos, 3% diss & pat sulp, lc narrow sh @ 45°.

19.50-20.40: **Altered intrusive:** cg salt & pep tex'd w alt'd shards or mafic phenos in light gry gran host, 1% vf sulph vnlets, lc sharp carb sh @ 20°.

20.40-22.00: **Argillite + sandstone**: sil'd: bd @ 40°, 5% py vnlets, 10% calc filled fracs, lc sharp @ 80°.

22.00-23.65: **Altered mafic**: flow?, clasts?, wk-mod bl'd, carb alt'd, more sil to lc w poss chill, lc sharp ragged @ 80°, <1% diss sulph.

23.65-26.30: **Altered granodiorite**: crmy gry, no carb, gran tex, 3% vfg sulph thru, some f Q vnlets @ 30°, lc flt'd @ 30°.

26.30-37.90: **Argillite**: graphitic, bkn.
26.30-28.00: badly bkn w flt bound tc, scatt vuggy Q(C) vns @ 10°, (bd) fg sst @ 75°.
32.80-33.90: maf dy, peppered w f maf phenos, grn-dk grn, tc chilled & bkn, lc bkn.
33.90-37.90: mafic?, bkn thru @ 40°-60°, 10-20% carb vn'd.

37.90-41.80: **Altered intrusive**: FP? Gd? mod sil'd, (carb alt'd) w some calc vning, scatt wk sh @ 30°-40°, 1% vfg Asp?

41.80-43.40: **Altered andesite**: int? fg, dk brn, loc sh'd & sil'd (sulph), lc vaque.

43.40-58.30: **Intercalated mafic flows & siliceous sediment**: w sil graph arg, mafic sections to dk grn w sharp c's to 50cm.
45.50-45.70: flt bx?, ang arg+maf frags in 60% Q gdmss.
51.30-55.00: mafic.
55.00-56.20: graph arg.
56.20-56.90: bl'd carb alt'd mafic w 5% pat+(vnlet) sulph, cts sharp @ 80°-90°.
56.90-58.30: graph arg to more sil to lc.

58.30-63.95: **Andesite + argillite**: intracal, 60% sil arg, 40% mafic most to tc, 3% sulp vnlets best in sil sed, lc vaque.
59.25-59.95: bull Q vn @ 60°.

63.95-70.75: **Altered diorite**: mod carb, fg-mg, w vaque mafic phenos, 3-5% diss+vnlet sulp thru.
At 65.10: strg 5cm sh @ 40°.

70.75-73.40: **Sediment**: sil chty, (bd) var, to 10% Py in scatt vnlets, lc sharp 45°.

73.40-74.40: **Andesite**: flow?, dk grn, mod carb w 5% vfg Py.
At 74.00: 5cm sh @ 45°.

74.40-77.55: **Sediment**: sil'd, bd @ 40°-60°, 1-2% vfg sulph.
At 77.00: 15cm QC vn @ 40° w 1-2% diss Py.

77.55-82.40: **Mafic flow?**: dk grn, mod carb, vfg sulp, scatt calc vnlets @ 60°, carb alt'd.
78.15-78.50: vfg sil w tc carb sh @ 45°, lc sh'd @ 45°, 5% Asp w xc Po vnlets.
80.30-80.90: as above w (sulp), ct sh'd @ 45°.
lc carb sh @ 80°.

82.40-88.70: **Sediment?** mafic tuff? sil'd, fg, med gry grn to light gry, <1% to 3% diss+vf vnlet sulp best to lc.

88.70-93.90: **Altered mafic flow?**: dk grn to 91.00
91.00-93.90: carb alt'd w loc meely tex.
At 90.20: 1cm Q+ 50% cg Asp vn @ 5°.
lc sharp sh @ 40°.

93.90-95.90: **Sediment**: chty, crmy, 3-5% fg sulp, lc sharp @ 80°.

95.90-98.10: **Mafic flow?**: mod sh'd w scatt crmy ch to 20cm.
97.50-98.10: strg sh w 50% calc @ 45° w narrow go.

98.10-111.70 **Granodiorite?**: msv, fg w meely tex sections, carb alt'd thru, 10% sulp vnlets w bl'd haloes.
106.05-106.95: crmy sil.
110.10-110.75: as above but w sharp cts @ 80°.
lc bkn w 10cm Q vn w 20% vcg Asp @ 40°.

111.70-113.70: **Altered sediment?**: fg med gry w distinct cts @ 70°, strg carb alt'd.

113.70-115.10: **Altered mafic flow?**: mafic phenos, strg carb, fg sulph.

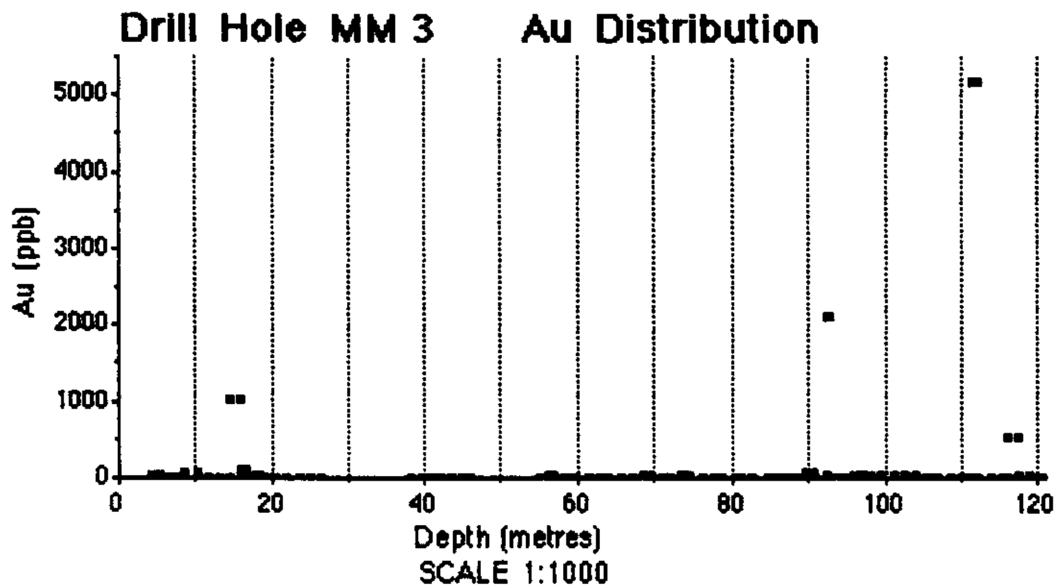
115.10-115.90: **Altered sediment** as before, lc sh'd? @ 20°.

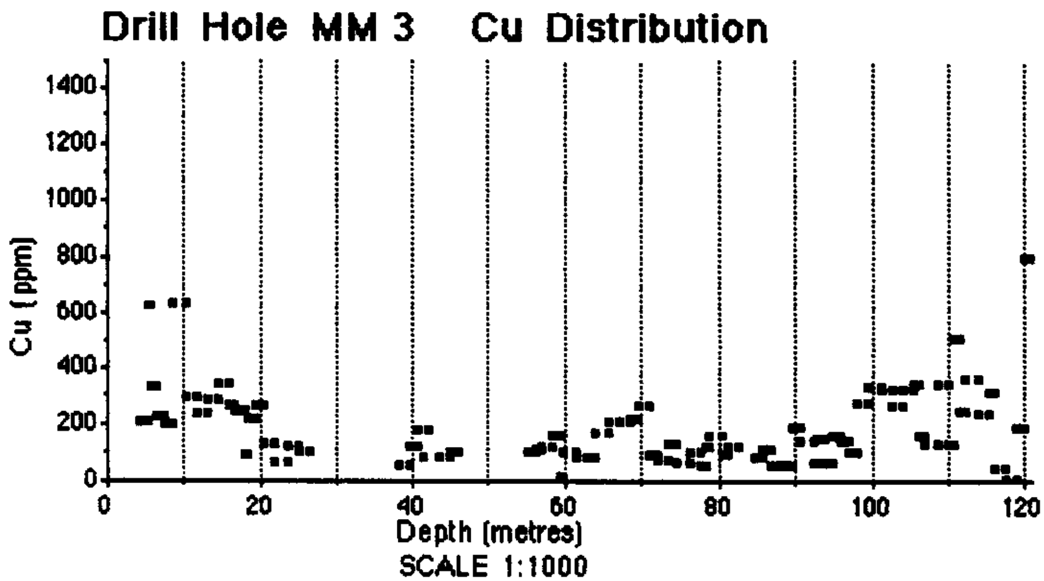
115.90-120.90: **Granodiorite**: w sil'd intervals & meely tex, 1% diss sulp.

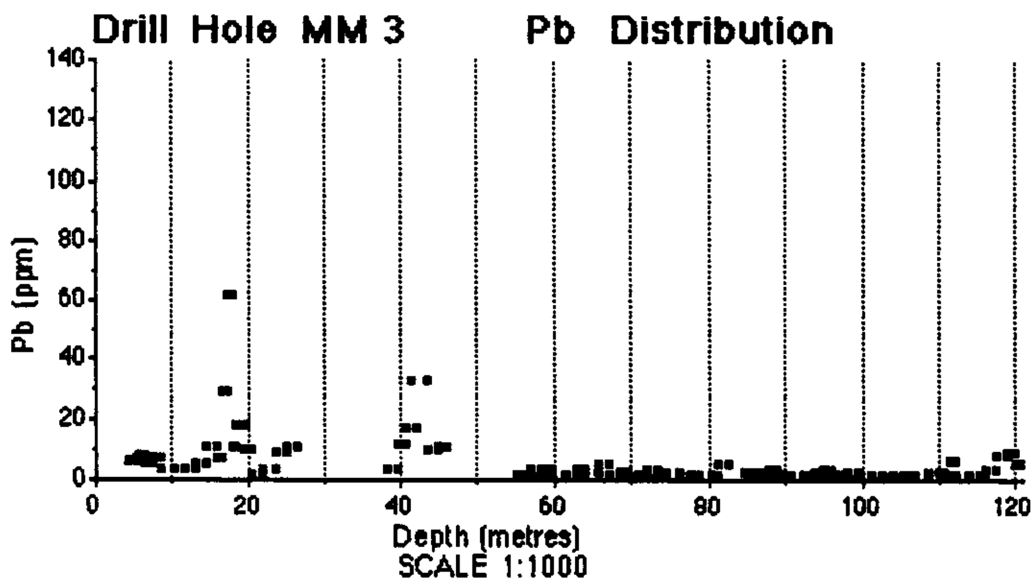
120.90 **END**

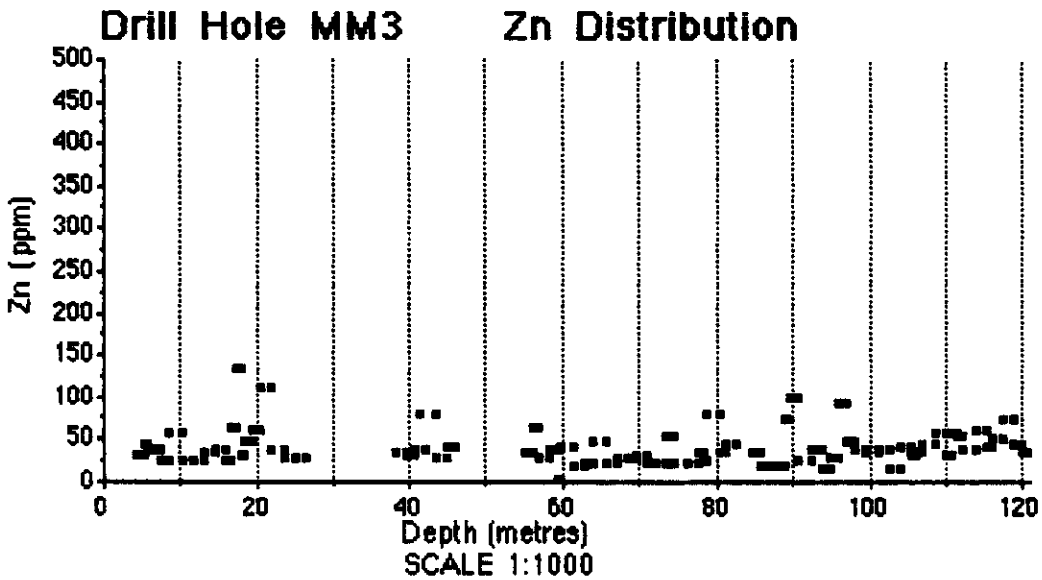
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1182	4.20	5.20	1.00	20	0.7	212	6	32	2	99	3	69	21	1	1
1183	5.20	5.50	0.30	14	3.6	621	7	44	3	125	3	6	12	1	1
1184	5.50	6.50	1.00	9	2.6	333	8	40	3	20	4	4	7	2	1
1185	6.50	7.50	1.00	2	0.7	226	5	39	3	22	2	18	8	3	1
1186	7.50	8.55	1.05	12	0.6	199	7	25	2	78	4	138	14	32	1
1187	8.55	10.05	1.50	76	1.0	636	4	58	3	782	3	145	29	31	1
1188	10.05	11.55	1.50	2	0.8	297	4	25	2	71	4	118	13	24	1
1189	11.55	13.05	1.50	8	0.5	238	4	26	2	95	4	127	12	26	1
1190	13.05	14.55	1.50	10	0.6	285	5	35	2	209	4	99	14	21	1
1191	14.55	16.00	1.45	1010	1.2	343	11	40	3	564	10	93	14	24	1
1192	16.00	16.55	0.55	119	0.9	265	7	27	2	55	2	36	8	4	1
1193	16.55	17.15	0.60	4	1.4	247	30	63	3	9	4	32	9	2	1
1194	17.15	17.90	0.75	1	1.6	254	62	134	6	13	5	32	8	6	1
1195	17.90	18.45	0.55	34	0.7	93	11	33	2	22	3	16	6	2	1
1196	18.45	19.50	1.05	1	0.9	217	18	47	7	47	4	52	11	2	1
1197	19.50	20.40	0.90	5	1.1	274	10	61	7	38	2	38	10	2	1
1198	20.40	22.00	1.60	2	0.4	135	2	112	2	11	2	63	11	11	1
1199	22.00	23.65	1.65	2	0.3	64	4	37	2	40	2	30	9	5	1
1200	23.65	25.00	1.35	2	0.4	124	9	28	2	7	2	11	7	2	1
1201	25.00	26.30	1.30	1	0.4	103	11	30	2	13	2	11	5	2	1
1202	37.90	39.40	1.50	1	0.2	62	4	34	2	5	2	12	5	2	1
1203	39.40	40.40	1.00	7	0.4	122	12	31	2	23	2	9	5	1	1
1204	40.40	41.80	1.40	10	0.8	182	17	37	2	78	2	16	6	1	1
1205	41.40	43.40	2.00	3	0.5	90	33	81	3	44	2	57	10	3	1
1206	43.40	44.80	1.40	4	0.5	90	10	28	2	88	2	67	7	5	1
1207	44.80	45.70	0.90	6	0.6	107	11	41	3	87	2	73	11	2	1
1208	55.00	56.20	1.20	1	0.4	105	2	36	2	150	2	86	10	19	1
1209	56.20	56.90	0.70	20	0.4	112	2	64	2	7	2	60	20	2	1
1210	56.90	58.30	1.40	1	0.5	124	4	30	2	97	2	111	14	26	1
1211	58.30	59.25	0.95	1	0.6	161	2	38	3	813	2	89	23	12	1
1212	59.25	59.70	0.45	4	0.1	21	4	3	2	58	2	8	2	1	1
1213	59.70	61.20	1.50	10	0.2	109	2	41	2	67	2	85	18	1	1
1214	61.20	62.70	1.50	7	0.3	91	2	18	2	51	2	91	13	2	1
1215	62.70	63.95	1.25	11	0.2	82	4	21	2	29	2	64	9	1	1
1216	63.95	65.50	1.55	10	0.3	177	3	47	2	199	2	47	18	1	1
1217	65.50	67.00	1.50	8	0.3	207	5	24	2	106	2	46	17	1	1
1218	67.00	68.50	1.50	11	0.3	207	2	29	2	103	2	41	16	1	1
1219	68.50	69.50	1.00	19	0.3	218	3	28	2	114	2	45	19	1	1
1220	69.50	70.75	1.25	13	0.4	273	2	33	2	208	2	48	26	1	1
1221	70.75	72.00	1.25	6	0.1	97	2	22	2	30	2	37	9	1	1
1222	72.00	73.40	1.40	5	0.1	80	4	23	2	23	2	43	8	1	1
1223	73.40	74.40	1.00	31	0.1	139	2	53	2	1012	2	49	32	1	1
1224	74.40	76.00	1.60	11	0.1	65	3	24	2	81	2	58	10	1	1
1225	76.00	77.50	1.50	7	0.3	103	2	24	2	66	2	114	16	2	1
1226	77.55	78.15	0.60	6	0.2	62	2	36	2	27	2	55	18	1	1
1227	78.15	78.50	0.35	7	0.2	126	2	26	2	49	2	92	16	2	1
1228	78.50	80.30	1.80	4	0.3	160	2	79	2	20	2	67	24	1	1
1229	80.30	80.90	0.60	4	0.1	99	2	35	2	19	2	110	13	2	1
1230	80.90	82.40	1.50	4	0.2	121	5	44	2	13	2	79	13	1	1
1231	84.70	85.70	1.00	2	0.2	91	3	35	2	40	2	135	10	1	1
1232	85.70	86.70	1.00	2	0.2	111	3	20	2	20	2	97	10	2	1
1233	86.70	87.70	1.00	3	0.1	60	2	18	2	31	2	80	8	1	1
1234	87.70	88.70	1.00	4	0.1	54	4	20	2	18	2	63	7	1	1
1235	88.70	89.70	1.00	5	0.1	57	2	75	2	3	2	27	17	1	1
1235A	89.70	90.70	1.00	88	0.5	188	2	99	2	2107	6	28	16	1	1
1236	90.70	92.30	1.60	27	0.3	142	2	27	2	41	3	30	10	1	1
1237	92.30	92.80	0.50	2120	0.7	72	2	38	2	36941	56	38	57	1	1
1238	92.80	93.90	1.10	16	0.2	151	2	38	2	184	2	32	7	1	1
1239	93.90	94.90	1.00	3	0.4	68	3	17	2	30	2	43	7	3	1
1240	94.90	95.90	1.00	9	0.5	161	4	30	2	35	2	52	9	2	1
1241	95.90	97.00	1.10	27	0.3	144	2	92	2	295	2	60	17	1	1
1242	97.00	98.10	1.10	6	0.3	110	2	47	2	113	2	61	14	2	1
1243	98.10	99.50	1.40	34	0.3	278	3	39	2	23	2	29	15	1	1
1244	99.50	101.00	1.50	33	0.4	332	2	36	2	56	2	34	18	1	1
1245	101.00	102.50	1.50	19	0.4	330	2	37	2	4	2	26	19	2	1
1246	102.50	104.00	1.50	23	0.4	268	2	15	2	4	2	82	17	11	1
1247	104.00	105.50	1.50	17	0.5	328	2	43	2	144	2	69	24	12	1
1248	105.50	106.05	0.55	13	0.6	343	2	33	2	2	4	69	22	20	1
1249	106.05	106.95	0.90	11	0.5	164	2	35	2	21	2	17	11	3	1

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1250	106.95	108.50	1.55	2	0.2	139	2	44	2	49	2	12	10	1	2
1251	108.50	110.10	1.60	10	0.5	344	3	59	2	260	4	20	16	1	1
1252	110.10	110.75	0.65	2	0.4	134	3	33	2	3	3	17	6	2	1
1253	110.75	111.50	0.75	12	0.8	**508**	2	59	2	16	4	62	18	8	1
1254	111.50	112.00	0.50	**5200**	1.3	248	6	53	5	**15274**	**75**	58	15	13	1
1255	112.00	113.70	1.70	12	0.7	362	2	39	2	23	10	115	18	26	1
1256	113.70	115.10	1.40	9	0.4	240	2	60	2	9	2	25	19	4	1
1257	115.10	115.90	0.80	8	0.6	320	2	42	2	3	2	119	19	26	1
1258	115.90	117.40	1.50	**520**	0.2	46	4	50	5	**11136**	3	23	18	7	3
1259	117.40	118.90	1.50	18	0.1	13	8	73	2	**582**	2	8	4	1	1
1260	118.90	119.90	1.00	5	0.3	196	9	45	2	15	2	11	9	1	1
1261	119.90	120.90	1.00	8	0.3	**796**	5	36	2	104	6	9	8	1	1

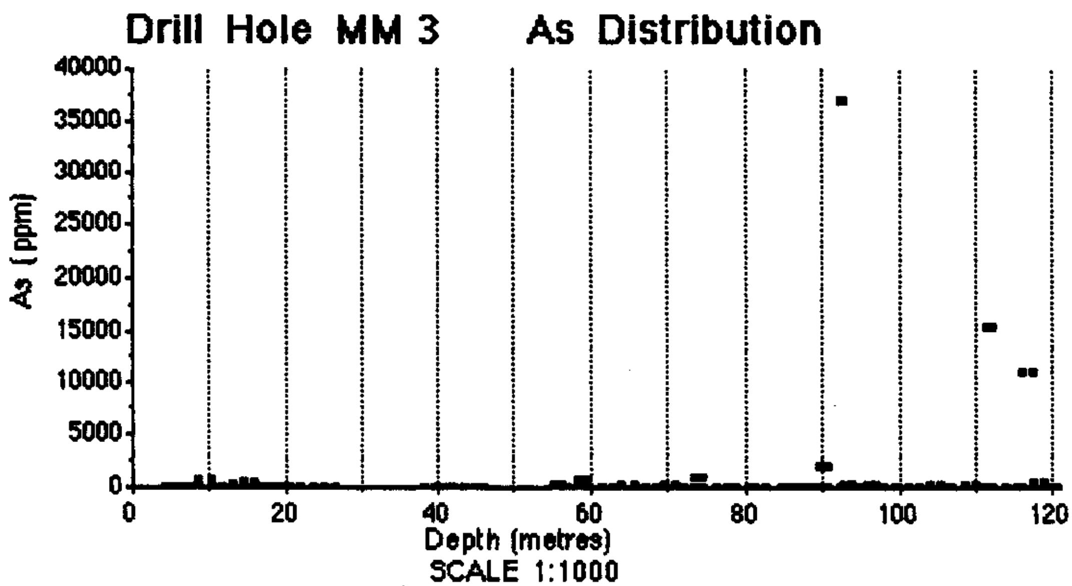

Drill Hole MM 3 Au Distribution
Au (ppb)
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

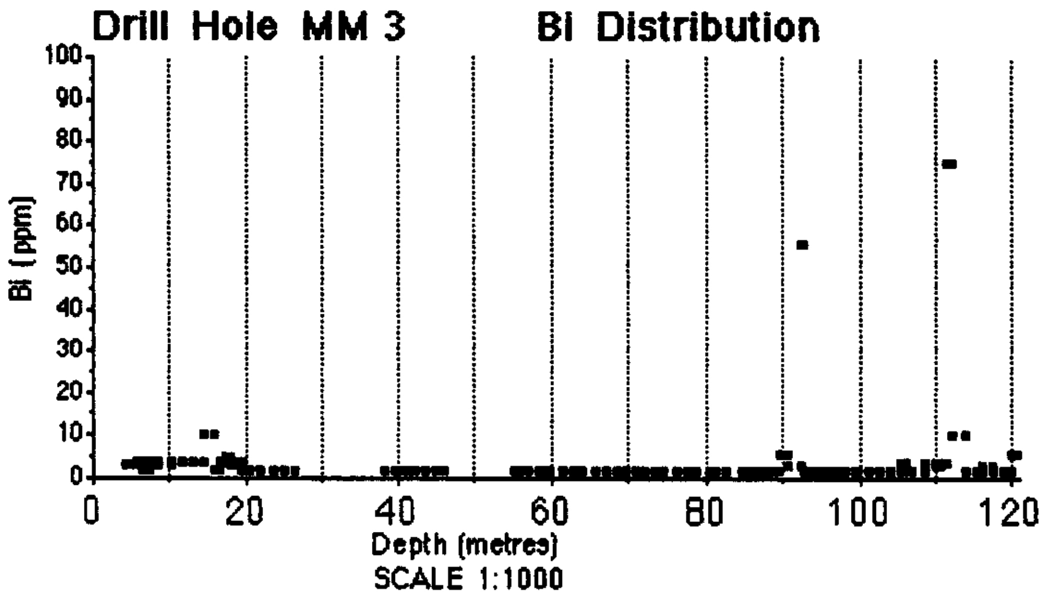

Drill Hole MM 3 Cu Distribution
Cu (ppm)
1400
1200
1000
800
600
400
200
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

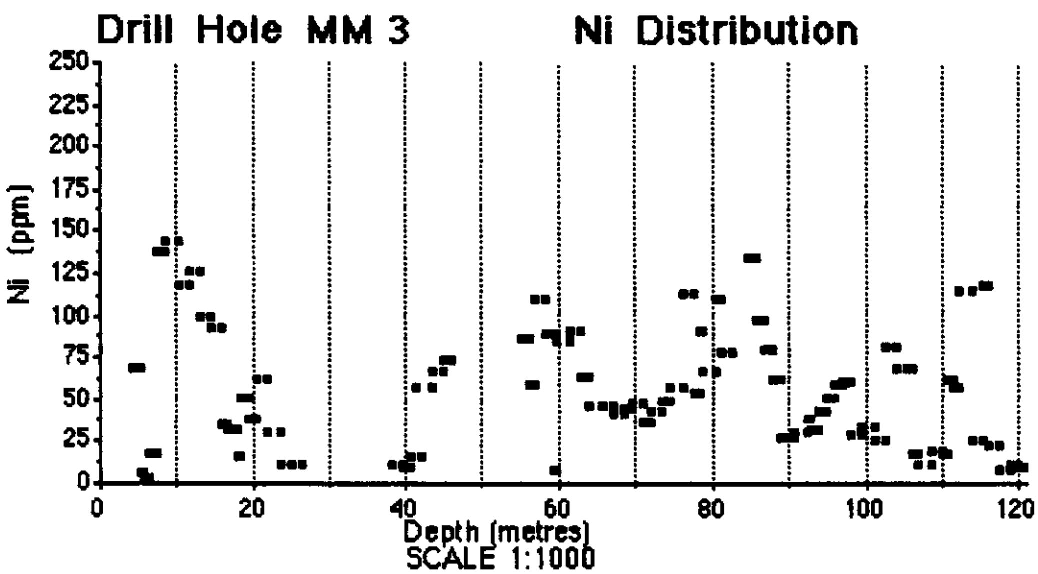

Drill Hole MM 3 Pb Distribution
Pb (ppm)
140
120
100
80
60
40
20
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

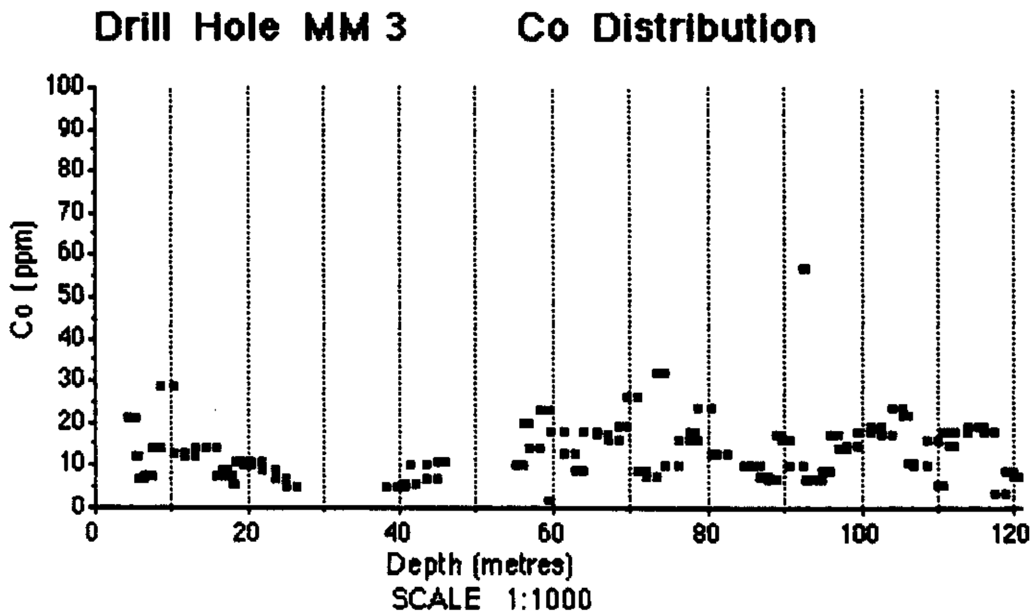


Drill Hole MM3 Zn Distribution
Zn (ppm)
500
450
400
350
300
250
200
150
100
50
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000


Drill Hole MM 3 As Distribution
As (ppm)
40000
35000
30000
25000
20000
15000
10000
5000
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000


Drill Hole MM 3
Bi Distribution
Bi (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000


Drill Hole MM 3
Ni Distribution
Ni (ppm)
250
225
200
175
150
125
100
75
50
25
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000



Drill Hole MM 3 Co Distribution
Co (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

Drill Hole No. MM-4

Location: 670m North
090m East
810m Elevation

Azimuth: 135°
Dip: -60°
Length: 130.50 m

Started: July 24,1991
Finished: July 25, 1991

Logged by: J J Watkins
July 26, 1991

Contractor: J T Thomas

0-3.33: Casing

3.33-27.80: **Mafic flows**: w intra sed?, pillowed? w strg bling+sil'd pillow margins, scatt shs thru @ 30°.
3.33-4.45: fg mafic.
4.45-7.50: 80% dk grn-blk chty sed w 20% mafic (tuff?) @ 45°.
7.50-11.30: 90% mafic w 10% crmy ch, mod sil'd, not carb alt'd, 3% pat Po.
At 11.30: 10cm vuggy bkn Q,sh? @ 30°.
11.30-13.80: sil'd mafic? w shs @ 11.30, 12.40, 12.80, 13.20, 13.80 all @ 30°-40° w ser haloes.
At 11.50: 5cm bx vn w ang sil frags @ 75°.
13.80-16.30: mafic w 10% bl'd sections.
16.30-16.60: crmy sil;'d w vfg sulp.
16.60-17.60: 70% crmy sil, 30% mafic.
17.60-18.70: mafic (sil'd).
18.70-24.25: 70% mafic, 20% sil'd, 10% blk chty.
24.25-27.80: sil'd & bl'd (carb) mafic w 5% Po (Asp).

27.80-31.80: **Argillite**: blk, sil, graphitic, strg carb alt'd, 10% calc vnlets, to 5% diss Py, lc grad.

31.80-35.30: **Sedement**: sil'd chty, light to med gry w (rem dk gry), vfg sulp, lc indistinct against chilled intr.

35.30-57.00: **Granodiorite**: mg-cg, msv w bl'd sects, scatt Po vnlets most @ 60°-70°.
35.30-36.40: chilled fg, sil'd, (calc), 10% Po vnlets w haloes.
38.70-39.40: 50% QC @ 45°, alt'd white, poss go @ lc.
45.90-46.50: bl'd w 10% chl seams to 1mm.
52.80-57.00: mg-fg FP?, (sil'd).
At 55.20: 10cm Q vn w 50% cg Asp w 5cm bl'd+diss Asp haloes @ 80°.
At 53.90: 5cm 30% Asp+ Po @ 80°.

57.00-75.40: **Altered mafic flow?**: w sil'd & chty intra.
57.00-60.40: 80% mafic, 20% sil'd.
60.40-62.15: 100% sil'd crmy w vfg sulph.
62.15-75.40: mod-strg sil'd w some crmy chty inter, (alt'd mafic), 2% sulp.

75.40-92.50: **Granodiorite**: mg-cg w scatt bl'd intra, msv, scatt chl seams thru.
75.40-76.00: fg chill & sil'd w 3% diss+vnlet Po.
88.30-85.50: 60% bl'd w wk carb alt'd, 5% Po vnlets.
91.70-92.50: chilled to fg w vfg sulph.

92.50-99.45: **Mafic flow?**: w sil & chty intra, ch poor to lc, 5% diss+pat Po(Asp), lc sharp @ 80°.

99.45-104.00: **Mafic Flow?**: dk grn w chl spots after mafic phenos, carb alt'd w 10% alc vn'd.
At lc chl sh @ 30°.

104.00-109.10: **Granodiorite**: as before w scatt calc vnlets.
104.00-105.10: fg chill, sil'd crmy w 2-1cm Q+cg Asp @ 60°, 5% Asp, 5% Po.
105.10-108.00: cg gd w 5% Asp pat+vnlets most @ 45°-60°.
108.00-109.10: fg gd, 5% Asp as diss+vnlets @ 60°.
lc carb sh @ 60°.

109.10-116.10: **Mafic volcanic**: 50% carb alt'd pat thru, 3% vfg Asp, lc bkn.

116.10-117.65: **Altered**: sil'd crmy w 10% mafic, 1% diss Asp, 3% Po, lc sharp @ 70°.

117.65-118.60: **Mafic flow?**: carb alt'd, 3% vfg sulph, lc sharp @ 70°.

118.60-119.85: **Altered:** sil'd crmy, f hairline fracs thru, 3% vfg sulph, lc sh'd 60°.

119.85-121.30: **Mafic flow**: micro FP, carb alt'd, f mafic phenos, 3% fg sulp, lc sharp 45°

121.30-124.85: **Altered:** crmy sil as before, 3% vfg sulp, lc sharp sh @ 70°.

124.85-128.90: **Mafic flow:** 70% carb alt'd, 30% crmy sil, lc sharp sh @ 70°, vfg sulp.

128.90-130.00: **Altered**:80% crmy sil bx w 20% carb alt'd mafic, lc sharp @ 70°, vfg sulp.

130.00-133.60: **Mafic flow?**: carb alt'd, hazy chl stwk, 10% crmy sil, lc sharp sh 45°, vfg sulp.

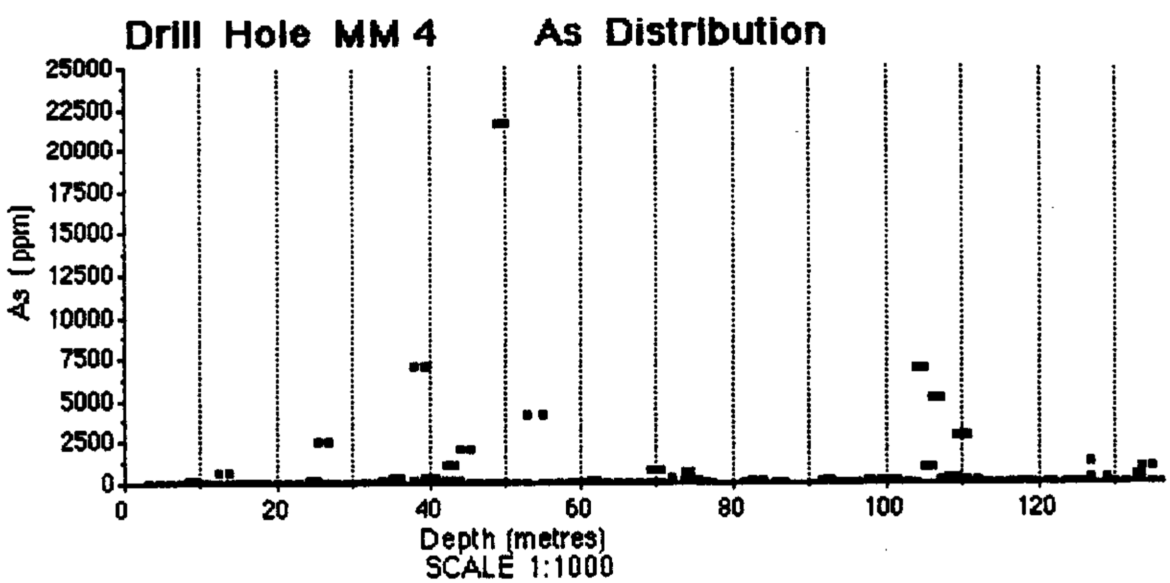
133.60-134.30: **Altered**: crmy sil w 10% mafic, 5% diss Asp best to tc, lc sharp 60°.

134.30-136.35: **Mafic flow?**: msv, (carb alt'd), 3% Po pat+ vfg sulp.

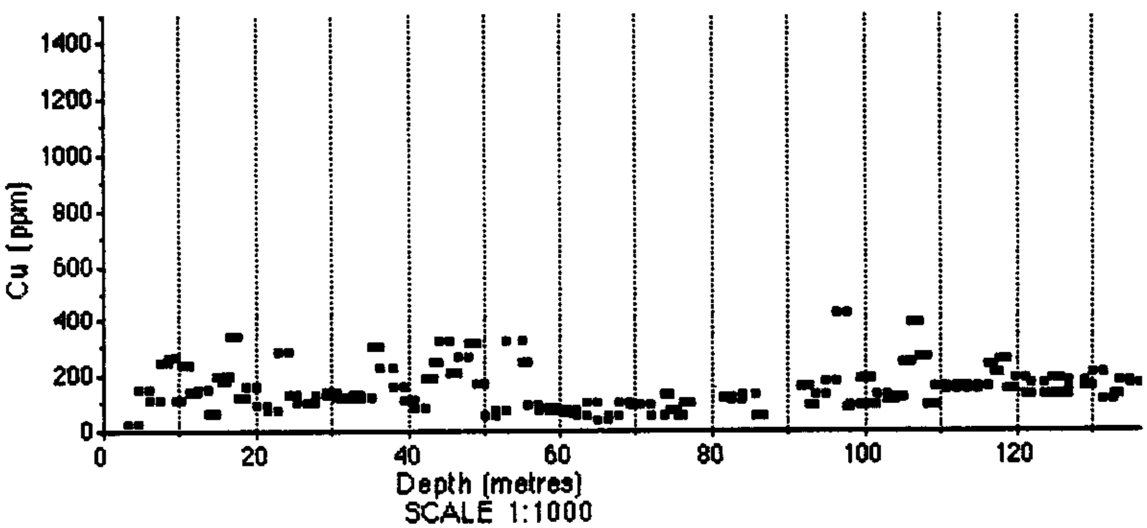
136.35 **END**

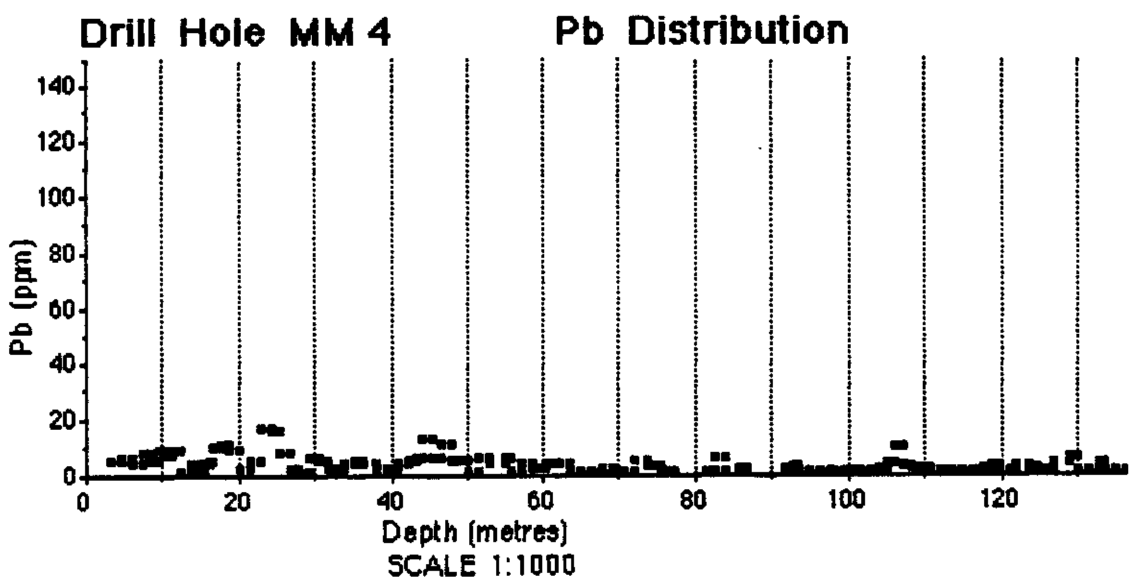
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1262	3.33	4.45	1.12	10	0.1	27	6	95	2	57	2	5	15	2	1
1263	4.45	6.00	1.55	8	0.6	157	7	76	2	32	2	101	17	2	1
1264	6.00	7.50	1.50	11	0.3	115	5	78	2	23	2	132	16	4	1
1265	7.50	8.50	1.00	16	0.7	253	9	65	2	49	2	56	22	1	1
1266	8.50	9.50	1.00	12	0.7	269	6	52	2	155	2	44	20	2	1
1267	9.50	10.30	0.80	3	0.3	117	10	58	2	16	2	33	14	1	1
1268	10.30	11.30	1.00	1	1.0	245	8	51	2	4	2	19	10	1	1
1269	11.30	12.40	1.10	1	0.4	143	10	44	2	4	2	13	10	1	1
1270	12.40	13.80	1.40	45	0.4	155	2	43	2	**573**	2	33	17	2	1
1271	13.80	14.80	1.00	5	0.2	66	5	82	2	38	2	14	19	2	1
1272	14.80	15.60	0.80	25	0.4	200	2	43	2	18	2	5	9	2	1
1273	15.60	16.30	0.70	6	0.4	182	5	58	2	19	2	15	14	1	1
1274	16.30	16.60	0.30	3	0.5	200	6	36	2	5	2	6	8	3	1
1275	16.60	17.60	1.00	8	1.2	350	11	84	2	6	2	29	20	2	1
1276	17.60	18.70	1.10	6	0.7	124	12	58	2	3	3	56	16	3	1
1277	18.70	20.00	1.30	9	0.6	165	10	91	2	43	2	55	17	3	1
1278	20.00	21.50	1.50	5	0.3	95	3	94	2	21	2	56	15	2	1
1279	21.50	23.00	1.50	6	0.5	81	6	43	2	19	2	43	15	3	1
1280	23.00	24.25	1.25	23	1.2	292	17	22	2	13	2	51	25	7	1
1281	24.25	25.50	1.25	6	0.6	136	16	58	2	101	2	37	9	8	1
1282	25.50	26.80	1.30	6	0.5	102	9	26	2	**2614**	2	14	37	1	1
1283	26.80	27.80	1.00	5	0.2	103	3	24	2	10	2	36	7	5	1
1284	27.80	29.30	1.50	1	0.4	137	2	144	2	6	2	102	13	20	1
1285	29.30	30.80	1.50	5	0.6	143	7	**711**	2	2	2	124	12	27	3
1286	30.80	31.80	1.00	2	0.4	122	6	**546**	2	19	2	117	11	26	2
1287	31.80	32.80	1.00	6	0.4	122	3	56	2	21	2	124	15	4	1
1288	32.80	33.80	1.00	19	0.5	136	3	72	2	18	2	107	15	2	1
1289	33.80	35.30	1.50	17	0.3	123	5	54	2	85	2	91	13	5	1
1290	35.30	36.40	1.10	5	0.9	311	6	36	2	389	3	14	10	3	1
1291	36.40	37.90	1.50	2	0.8	232	5	38	2	89	2	2	7	2	1
1292	37.90	39.40	1.50	87	0.7	166	2	39	2	**7074**	2	9	32	2	1
1293	39.40	40.90	1.50	9	0.3	114	3	59	2	333	2	2	11	2	1
1294	40.90	42.40	1.50	6	0.3	83	5	82	2	177	2	2	15	2	1
1295	42.40	43.40	1.00	13	0.4	192	6	43	2	1096	2	3	16	2	1
1296	43.40	43.90	0.50	50	1.0	251	7	36	2	239	4	5	14	2	1
1297	43.90	45.40	1.50	27	1.0	329	13	67	2	**2032**	3	3	15	1	1
1298	45.40	46.50	1.10	8	0.7	211	7	49	2	49	2	2	11	1	1
1299	46.50	48.00	1.50	2	0.9	273	12	49	2	17	2	2	12	1	1
1300	48.00	49.00	1.00	93	1.1	313	6	50	2	67	2	1	5	1	1
1301	49.00	50.00	1.00	**1540**	1.0	175	6	43	10	**21707**	23	3	49	2	1
1302	50.00	51.50	1.50	11	0.2	60	2	70	2	31	2	1	12	1	1
1303	51.50	52.80	1.30	4	0.3	81	7	70	4	17	2	2	12	2	1
1304	52.80	54.90	2.10	68	1.4	331	5	44	2	**4136**	3	2	17	2	1
1305	54.90	55.50	0.60	2	0.5	250	7	35	4	21	2	13	12	2	1
1306	55.50	57.00	1.50	10	0.3	99	2	47	2	75	2	5	12	2	1
1307	57.00	58.50	1.50	4	0.4	81	5	37	3	49	2	87	12	2	1
1308	58.50	59.50	1.00	6	0.5	84	3	52	4	32	2	82	16	1	1
1309	59.50	60.40	0.90	6	0.3	73	3	34	2	19	2	76	11	1	1
1310	60.40	61.40	1.00	9	0.3	66	5	22	2	24	2	74	9	3	1
1311	61.40	62.15	0.75	8	0.3	79	5	33	2	221	2	75	10	3	1
1312	62.15	63.50	1.35	7	0.2	61	5	34	2	46	2	64	6	3	1
1313	63.50	65.00	1.50	31	0.5	104	2	32	2	19	4	71	14	2	1
1314	65.00	66.20	1.20	13	0.2	38	2	31	2	17	2	56	7	2	1
1315	66.20	67.70	1.50	7	0.2	61	2	31	2	50	3	62	16	2	1
1316	67.70	69.00	1.30	5	0.2	101	3	29	2	32	2	84	13	3	1
1317	69.00	70.50	1.50	17	0.3	98	2	24	2	**755**	2	90	11	3	1
1319	70.50	72.00	1.50	7	0.1	93	2	33	2	62	2	99	9	2	1
1320	72.00	73.50	1.50	5	0.1	62	6	39	2	274	2	28	6	2	1
1321	73.50	74.50	1.00	16	0.2	131	4	54	2	**628**	2	43	11	1	1
1322	74.50	75.40	0.90	3	0.3	79	4	52	2	102	2	4	11	2	1
1323	75.40	76.00	0.60	6	0.3	56	2	72	2	9	2	2	11	2	1
1324	76.00	77.00	1.00	7	0.2	108	2	35	3	52	2	103	11	2	1
															1
1325	81.50	82.50	1.00	5	0.3	129	2	44	2	56	2	4	8	2	1
1326	82.50	84.00	1.50	8	0.3	114	7	52	2	151	3	2	14	2	1
1327	84.00	85.50	1.50	3	0.4	139	2	52	2	17	2	1	9	1	1
1328	85.50	86.50	1.00	3	0.2	62	3	94	4	12	3	2	11	3	1
1329	91.70	92.50	0.80	14	0.4	165	3	51	5	203	2	10	13	5	1
1330	92.50	93.50	1.00	6	0.2	97	4	39	2	48	4	76	14	20	1
1331	93.50	94.60	1.10	12	0.2	134	2	50	2	33	2	66	13	15	1
1332	94.60	96.10	1.50	12	0.3	184	2	31	3	30	2	115	16	7	1
1333	96.10	97.60	1.50	6	1.0	431	2	22	4	8	2	99	37	3	1
1334	97.60	98.10	0.50	6	0.3	84	2	41	2	173	2	78	17	3	1
1335	98.10	99.45	1.35	12	0.4	95	2	24	2	121	2	95	16	7	1
1336	99.45	100.60	1.15	11	0.3	193	2	78	3	89	2	86	24	11	1

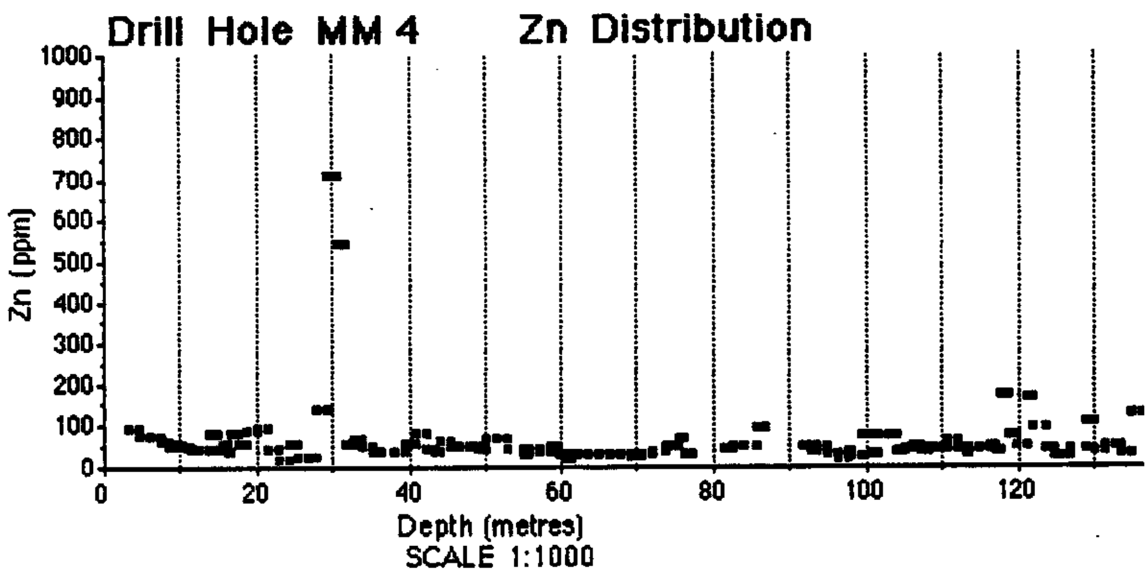
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1337	100.60	101.40	0.80	18	0.2	100	2	35	2	99	2	73	12	6	1
1338	101.40	103.00	1.60	15	0.4	133	2	76	4	27	2	65	19	1	1
1339	103.00	104.00	1.00	17	0.3	119	2	74	5	63	2	79	24	2	1
1340	104.00	105.10	1.10	**102**	0.6	127	3	38	2	**6831**	2	5	13	2	1
1341	105.10	106.00	0.90	13	0.9	246	5	44	3	**896**	2	2	11	2	1
1342	106.00	107.00	1.00	78	1.2	397	11	51	2	**5151**	2	4	18	1	1
1343	107.00	108.00	1.00	9	0.8	269	4	41	4	113	2	3	9	1	1
1344	108.00	109.10	1.10	8	0.4	99	3	42	4	386	2	6	5	1	1
1345	109.10	110.50	1.40	71	0.4	168	3	48	2	**2916**	2	40	18	1	1
1346	110.50	112.00	1.50	15	0.3	156	2	62	2	195	2	57	23	1	1
1347	112.00	113.10	1.10	22	0.2	161	2	44	3	19	2	55	15	1	1
1348	113.10	113.40	0.30	10	0.3	166	2	34	3	4	2	21	18	1	1
1349	113.40	114.90	1.50	17	0.0	152	2	45	3	66	2	50	20	1	1
1350	114.90	116.10	1.20	17	0.1	161	2	47	2	13	2	58	18	1	2
1351	116.10	117.00	0.90	16	0.2	239	2	50	2	35	2	32	13	3	1
1352	117.00	117.65	0.65	11	0.3	208	2	36	2	54	2	38	12	4	3
1353	117.65	118.60	0.95	7	0.5	264	3	170	2	2	2	25	23	1	1
1354	118.60	119.85	1.25	6	0.5	155	4	77	2	2	2	59	14	3	3
1355	119.85	121.30	1.45	5	0.4	189	2	50	2	2	2	39	18	1	1
1356	121.30	122.00	0.70	7	0.3	133	2	165	2	2	2	66	13	1	1
1357	122.00	123.80	1.80	4	0.3	175	4	99	2	2	2	70	13	3	1
1358	123.80	124.85	1.05	9	0.4	133	3	45	2	2	2	50	9	3	1
1359	124.85	125.80	0.95	10	0.4	191	2	25	2	2	2	15	11	2	3
1360	125.80	126.90	1.10	8	0.3	135	2	28	2	2	2	29	9	1	2
1361	126.90	127.00	0.10	55	0.1	158	2	45	2	**1313**	2	32	30	1	1
1362	127.00	128.90	1.90	18	0.2	185	5	45	2	319	2	46	18	1	1
1363	128.90	130.00	1.10	9	0.5	161	7	107	4	11	2	68	16	2	1
1364	130.00	131.50	1.50	16	0.2	212	2	40	2	35	2	51	19	2	2
1365	131.50	133.00	1.50	24	1.0	116	2	49	2	78	2	39	9	1	1
1366	133.00	133.60	0.60	**178**	0.2	135	5	53	2	450	2	42	14	1	1
1367	133.60	135.00	1.40	35	0.1	181	2	30	2	**989**	2	74	21	3	2
1368	135.00	136.50	1.50	10	0.1	174	2	126	2	16	2	38	20	1	1

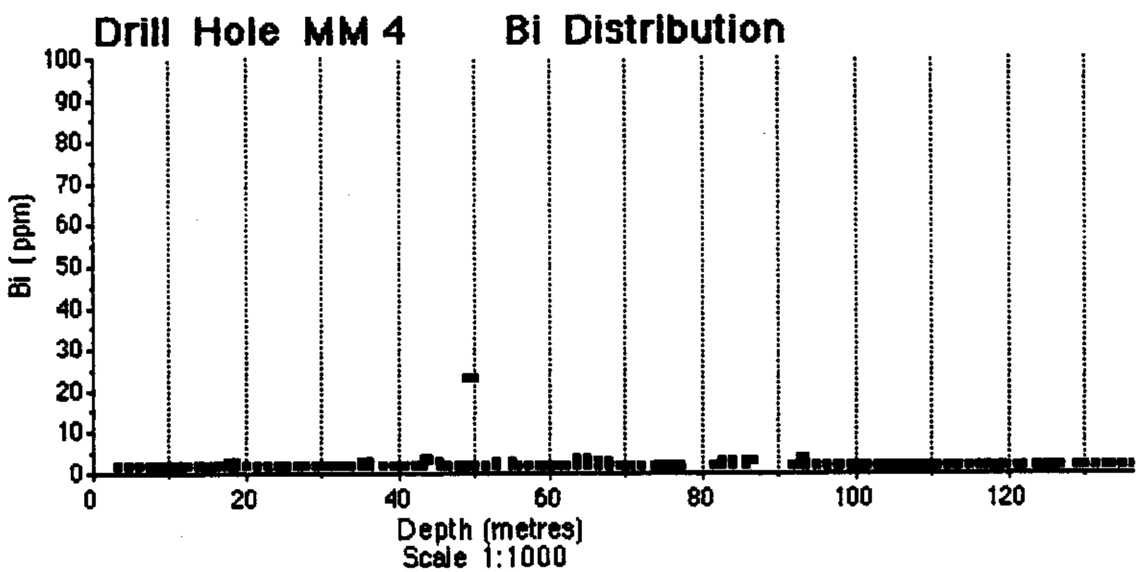

Drill Hole MM 4 As Distribution
As (ppm)
25000
22500
20000
17500
15000
12500
10000
7500
5000
2500
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

Drill Hole MM 4 Cu Distribution

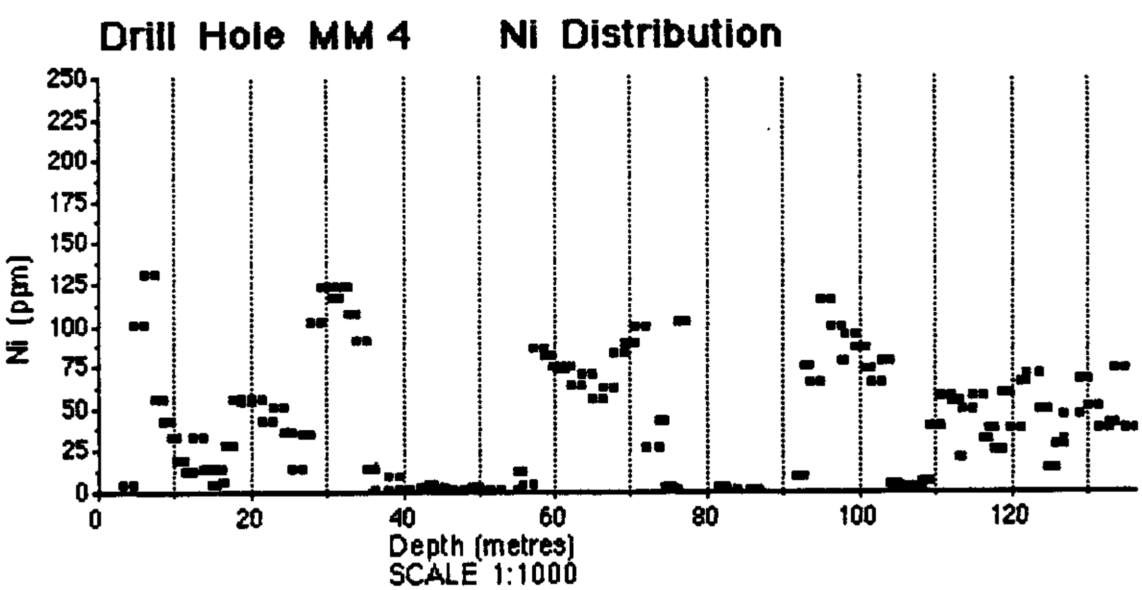


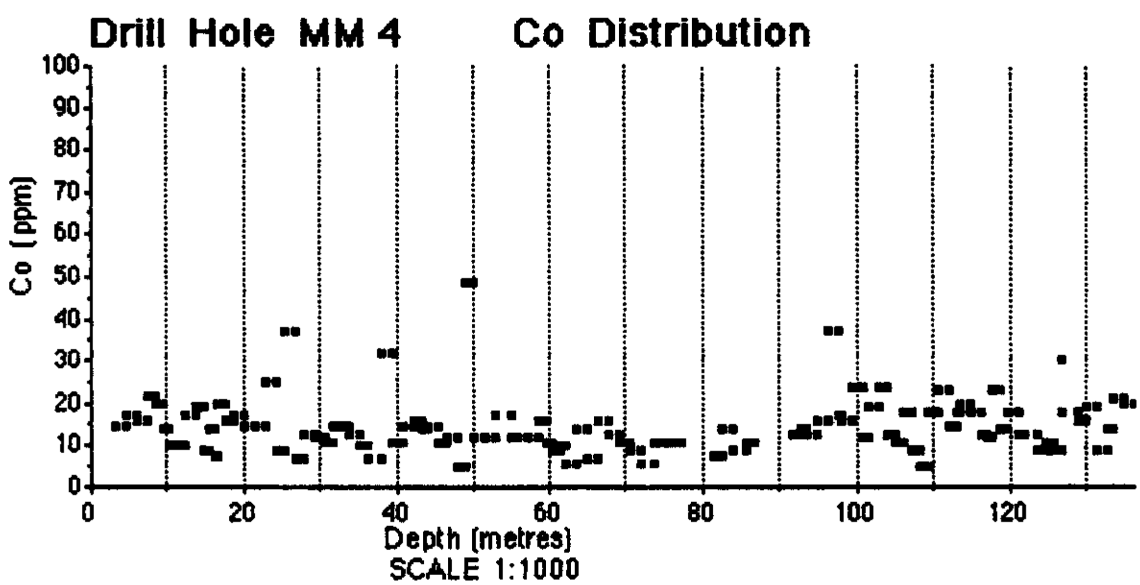

Drill Hole MM 4
Pb Distribution
Pb (ppm)
140
120
100
80
60
40
20
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000


Drill Hole MM 4 Zn Distribution
Zn (ppm)
1000
900
800
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

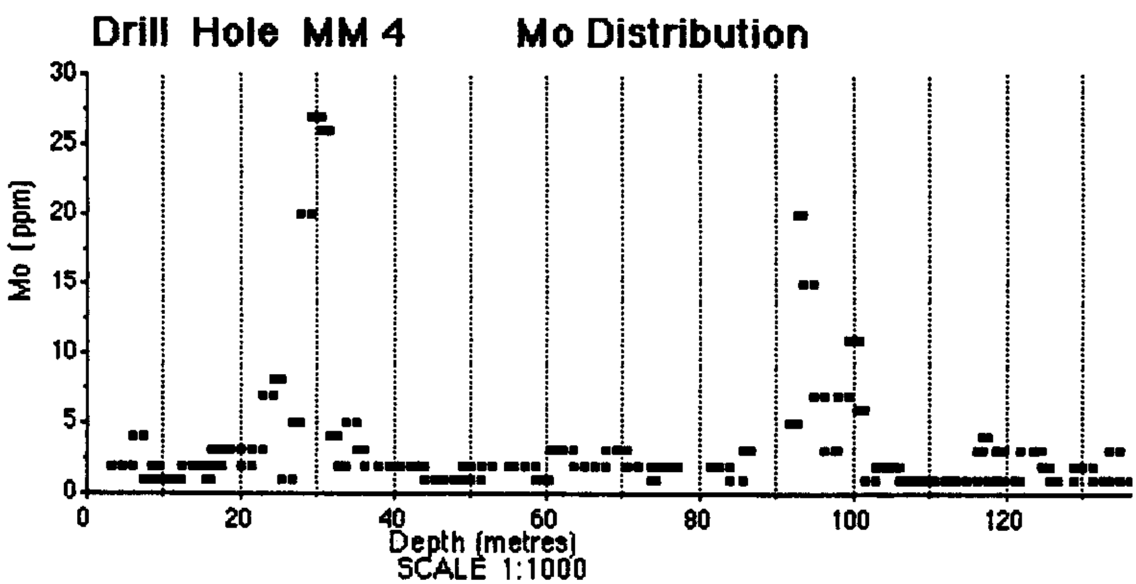


Drill Hole MM 4 Bi Distribution
Bi (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
120
Depth (metres)
Scale 1:1000


Drill Hole MM 4 Ni Distribution
Ni (ppm)
250
225
200
175
150
125
100
75
50
25
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000



Drill Hole MM 4 Co Distribution
Co (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000


Drill Hole MM 4
Mo Distribution
Mo (ppm)
30
25
20
15
10
5
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

Drill Hole No. MM-5

Location: 748m North
053m East
825m Elevation

Azimuth: 135°
Dip: -60°
Length: 136.35 m

Started: July 25,1991
Finished: July 26, 1991

Logged by: J J Watkins
July 28, 1991

Contractor: J T Thomas

0-1.80 Casing

1.80-2.05: **Pyroxene feldspar porphyry dike**: msv, 5% bl'd haloes +vnlets, lc no chill sharp @ 80°.

2.05-10.20: **Mafic volcanic**: sil'd, fg, msv, 3% scatt Asp+Q vnlets.
At 4.85: 10cm QC sh @ 60°, lc @75°

10.20-11.50: **Granular dike**: lamp? meely tex, carb alt'd, mot'd dk gry pats, 3% vfg sulp, cts sharp, lc @ 85°.

11.50-34.10: **Mafic volc:anic**: as before w bl'd+Asp+Q vnlets.
11.50-16.50: to 5% Asp in vn stwk.
16.20-17.55: 10% Asp in bl'd sec as stwk, 3% Po(Cp).

34.10-43.20: **Sedement**: sil'd, blk, msv, vaque bd w rip-up clasts, to 5% Py.
35.50-35.70: trac tex dy? flow?
At 42.45: 1cm carb sh @ 70°.
42.70-43.20: crmy sil'd w carb vning @ 60°, 5% Po(Asp), lc sharp (carb sh?) @ 70°.

43.20-44.40: **Trachyte dike?**: w scatt calc vnlets, lc sh'd w QC vnlets, 3% diss sulph,lc sh'd w QC over 10cm.

44.40-48.80: **Sediment?**: blk sil, as before w sil'd secs.
44.40-45.00: strg carb alt'd.
45.00-45.90: blk sil sed w 40% f Q stwk, 3% sulp.
45.90-48.80: blk sil sed w bl'd secs 7 10% f QC vns, 5% diss Py w pat Po(Cp), lc sharp 70°.

48.80-49.60: **Granular dike** : meely tex, wk carb, 3% diss+vnlet Po(Cp), lc sharp 70°.

49.60-66.20: **Sediment**: sil'd, fg, msv, med gry w some rem dk gry.
49.60-53.30: 2% Po?, 2% Asp in 5cm vn @ 85°.
53.30-53.70: Q(C) vn @ 80° w 1% diss Asp+Cp.
58.70-58.00: dk gry, msv, wk sil'd w 1-2% diss Py.
58.00-62.20: mod-strg sil'd, 10% calc vn'd, 3% diss sulp better to lc.
lc vaque.

66.20-68.50: **Mafic flow?**: pat carb, 2% Py, lc sharp @ 75°.

68.50-74.50: **Mafic flow**: bl'd carb alt'd, 3% fg sulph thru.

74.50-96.20: **Mafic dike?**: w scatt bl'd secs, 3% fg diss sulph & Q vnlets.
83.00-84.50: bl'd, 20% QC vns @ 75°, 5% cg Asp, 3% Po.
At 88.85: 10cm QC+chl w 50% Po(Cp) sh vn @ 40° w 10cm bl'd lc.
92.70-96.20: carb alt'd w meely gran tex, 5% vfg sulp, lc poss sh @ 45°.

96.20-103.30: **Sediment**: crmy sil'd w some mafic intra to tc, 1-2% v fg sulp, lc sharp @ 45°.

103.30-110.30: **Mafic dike?? Flow?**: w f mafic phenos, some f fds phenos, loc mod carb alt'd, 3% diss Py, 10% calc vn'd, lc sharp bkn.v

110.30-115.25: **Mafic volcanic**: sil'd w scatt 10cm mafic dykes? of pyx P as above, lc grad.

115.25-117.40: **Mafic dike**: as before w pyx P, carb alt'd, 2% diss Py.

117.40-119.90: **Mafic volcanic**: sil'd as before, 3% Po(Cp), lc sharp @ 60°.

119.90-124.15: **Mafic flow:** 10% crmy ch bds, 20% carb, 2% diss sulp.

124.15-124.90: **Chert**: crmy, 2% diss sulp, lc sharp @ 80°.

124.90-125.75: **Chert:** 70% crmy ch, 30% mafic, 3% Po(Cp), lc sharp 80°.

125.75-126.40: **Mafic flow**: as before, lc sharp @ 80°.

126.40-128.90: **Chert**: crmy w hetrolithic chty bx, ang, clast supported, prob insitu bx, 3% vfg sulp, lc sharp @ 80°.

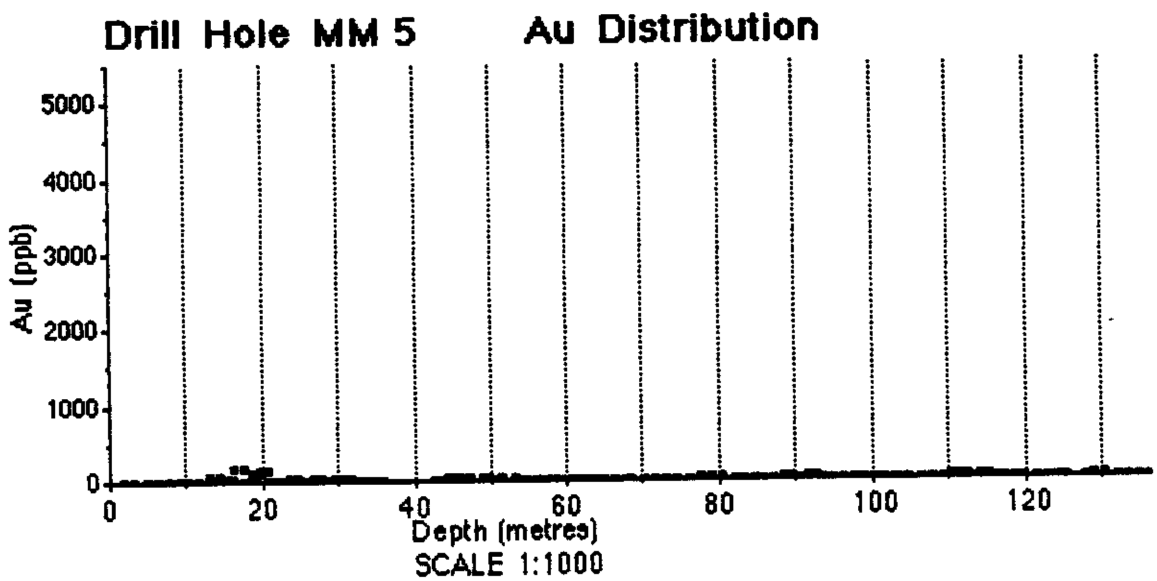
128.90-130.40: **Mafic flow**: w 25cm QC vn @ 45°, lc bkn sh'd @ 60°.

130.40-136.35: **Chert**: 80% crmy ch, 20% intra mafic, (bd) @ 60°, 2% Po(Cp).

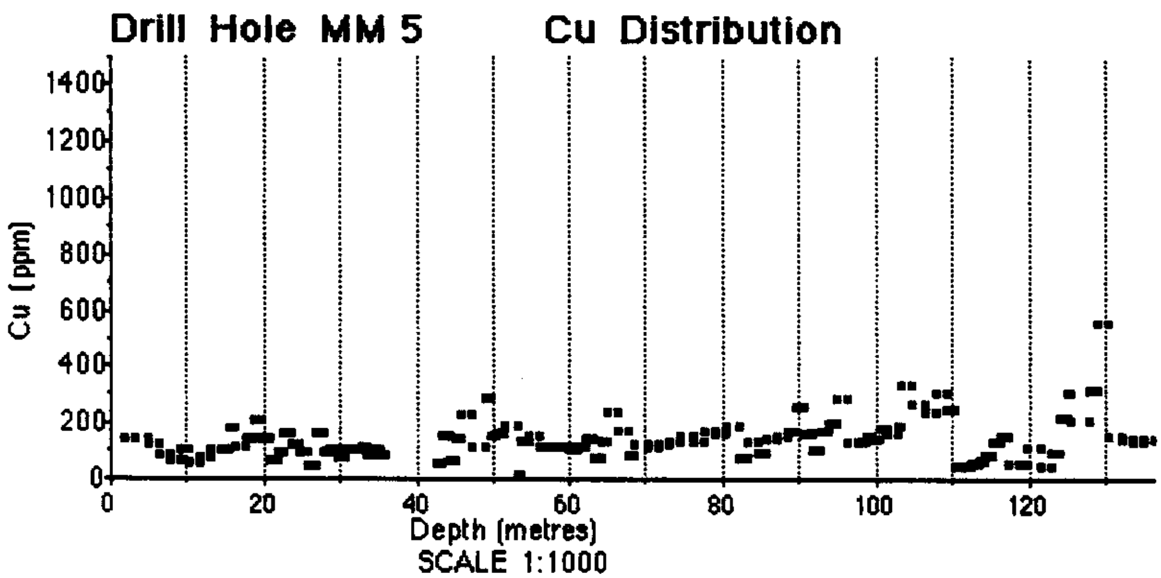
136.35 **END**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1369	1.80	3.30	1.50	12	0.3	144	2	45	2	2	2	55	21	2	1
1370	3.30	4.80	1.50	12	0.5	146	5	142	2	2	6	33	20	1	1
1371	4.80	6.30	1.50	9	0.2	123	2	102	2	2	2	41	15	1	1
1372	6.30	7.80	1.50	13	0.5	82	3	75	2	2	6	23	14	1	1
1373	7.80	9.30	1.50	12	0.1	71	2	156	2	3	2	28	16	1	1
1374	9.30	10.20	0.90	10	0.2	106	3	342	2	17	2	28	16	1	1
1375	10.20	11.50	1.30	14	0.1	58	3	42	2	3	2	9	8	1	1
1376	11.50	13.00	1.50	17	0.2	75	9	69	3	3	2	24	15	1	2
1377	13.00	14.50	1.50	60	0.3	106	3	**897**	2	7	4	35	17	2	1
1378	14.50	15.50	1.00	13	0.4	110	2	91	4	5	2	44	15	2	1
1379	15.50	16.20	0.70	20	0.3	178	2	31	2	16	2	15	14	1	1
1380	16.20	17.55	1.35	**185**	0.4	119	5	39	2	**35333**	2	18	67	1	1
1381	17.55	18.70	1.15	13	0.2	142	5	52	4	96	2	14	9	1	1
1382	18.70	19.70	1.00	94	0.3	209	5	39	2	**5602**	2	21	19	1	1
1383	19.70	20.70	1.00	**124**	0.3	143	2	43	2	**6555**	3	21	20	1	1
1384	20.70	21.70	1.00	16	0.1	64	3	39	2	48	8	24	12	2	1
1385	21.70	22.70	1.00	16	0.1	95	2	41	2	58	2	35	14	1	1
1386	22.70	23.70	1.00	15	0.4	163	3	70	2	39	2	32	18	2	3
1387	23.70	24.70	1.00	27	0.3	124	3	66	2	33	3	36	18	1	1
1388	24.70	25.70	1.00	13	0.4	93	2	59	2	13	2	24	17	1	2
1389	25.70	26.70	1.00	13	0.1	50	2	70	2	29	3	19	16	1	5
1390	26.70	27.70	1.00	47	0.3	159	3	44	2	60	2	29	18	1	2
1391	27.70	28.70	1.00	13	0.1	93	2	46	2	34	2	23	11	1	4
1392	28.70	29.70	1.00	13	0.3	107	4	54	2	53	2	19	13	1	1
1393	29.70	30.70	1.00	25	0.2	79	3	60	2	65	2	19	14	1	1
1394	30.70	31.70	1.00	43	0.7	108	19	78	2	**3342**	2	44	13	1	2
1395	31.70	32.70	1.00	10	0.3	110	4	37	2	13	2	39	14	2	1
1396	32.70	33.40	0.70	11	0.3	114	3	36	2	38	2	42	15	1	3
1397	33.40	34.10	0.70	17	0.1	89	2	49	2	118	2	64	15	1	3
1398	34.10	35.10	1.00	10	0.1	102	4	48	2	80	8	38	11	4	5
1399	35.10	36.10	1.00	9	0.2	88	2	60	7	17	2	29	10	1	3
1400	42.70	43.20	0.50	11	0.2	56	2	40	2	74	2	31	8	1	2
1401	43.20	44.40	1.20	12	0.6	150	3	62	2	40	2	61	19	1	1
1402	44.40	45.00	0.60	22	0.2	71	3	12	2	122	2	85	9	7	1
1403	45.00	45.90	0.90	21	0.5	142	3	39	7	105	2	97	24	1	2
1404	45.90	47.30	1.40	24	0.9	234	5	**527**	3	15	2	153	17	35	1
1405	47.30	48.80	1.50	20	0.2	118	2	40	2	13	2	123	12	1	2
1406	48.80	49.60	0.80	48	0.4	285	2	45	3	37	2	51	20	1	4
1407	49.60	50.50	0.90	16	0.5	154	5	28	5	31	2	92	14	1	1
1408	50.50	51.50	1.00	10	0.9	162	19	61	7	19	2	102	13	2	2
1409	51.50	53.30	1.80	20	0.6	191	6	41	7	178	2	115	15	7	2
1410	53.30	53.70	0.40	7	0.1	15	2	3	2	10	2	8	1	1	2
1411	53.70	54.50	0.80	14	0.3	134	2	55	3	23	2	55	16	1	4
1412	54.50	56.00	1.50	9	0.7	157	32	63	2	10	2	103	14	2	1
1413	56.00	57.00	1.00	12	0.6	120	9	27	2	5	2	113	13	1	1
1414	57.00	58.00	1.00	8	0.4	116	14	24	5	8	2	125	13	2	1
1415	58.00	59.00	1.00	11	0.4	120	2	11	2	16	2	89	13	2	1
1416	59.00	60.00	1.00	17	0.1	112	2	17	2	17	2	136	12	2	4
1417	60.00	61.00	1.00	16	0.2	108	2	18	2	47	2	102	10	1	2
1418	61.00	62.00	1.00	11	0.3	113	3	20	2	42	2	105	12	1	1
1419	62.00	63.00	1.00	9	0.4	143	11	19	2	74	2	187	17	1	1
1420	63.00	64.00	1.00	10	0.3	73	9	21	2	25	2	86	8	1	2
1421	64.00	65.00	1.00	8	0.5	135	6	22	4	14	2	90	16	2	2
1422	65.00	66.20	1.20	9	0.4	236	2	26	2	**606**	3	131	14	30	1
1423	66.20	67.50	1.30	9	0.4	170	2	36	2	135	2	71	16	7	1
1424	67.50	68.50	1.00	4	0.2	89	2	47	2	6	2	31	10	1	1
1425	68.50	70.00	1.50	3	0.2	123	2	20	2	13	3	88	13	3	1
1426	70.00	71.50	1.50	7	0.2	113	2	14	2	65	2	95	10	5	1
1427	71.50	73.00	1.50	11	0.2	126	2	36	2	47	2	90	12	4	1
1428	73.00	74.50	1.50	6	0.3	133	3	32	2	176	2	98	13	2	1
1429	74.50	76.00	1.50	4	0.3	158	2	41	2	49	2	19	9	1	1
1430	76.00	77.50	1.50	8	0.4	135	6	56	2	**530**	2	16	13	1	1
1431	77.50	79.00	1.50	34	0.3	175	3	52	2	**4652**	2	20	14	1	1
1432	79.00	80.50	1.50	26	0.2	168	2	41	2	**781**	2	19	12	1	1
1433	80.50	82.00	1.50	13	0.2	190	2	37	2	214	2	44	16	2	1
1434	82.00	83.00	1.00	6	0.1	81	2	24	2	55	2	117	10	3	1
1435	83.00	84.50	1.50	15	0.2	131	2	31	2	474	2	35	11	2	1
1436	84.50	85.50	1.00	9	0.2	92	2	31	2	54	2	18	7	2	1
1437	85.50	87.00	1.50	9	0.2	143	2	42	2	19	2	18	10	1	1
1438	87.00	88.55	1.55	9	0.3	150	2	40	2	7	2	15	13	1	1
1439	88.55	89.55	1.00	18	0.3	174	4	45	2	**845**	2	64	31	2	1
1440	89.55	90.55	1.00	15	0.4	257	4	52	2	47	2	23	30	1	1
1441	90.55	91.50	0.95	13	0.5	165	2	58	2	5	2	27	20	1	1
1442	91.50	92.70	1.20	19	0.0	106	2	64	2	6	2	28	16	1	1
1443	92.70	93.70	1.00	15	0.2	169	2	47	3	34	2	71	23	3	1

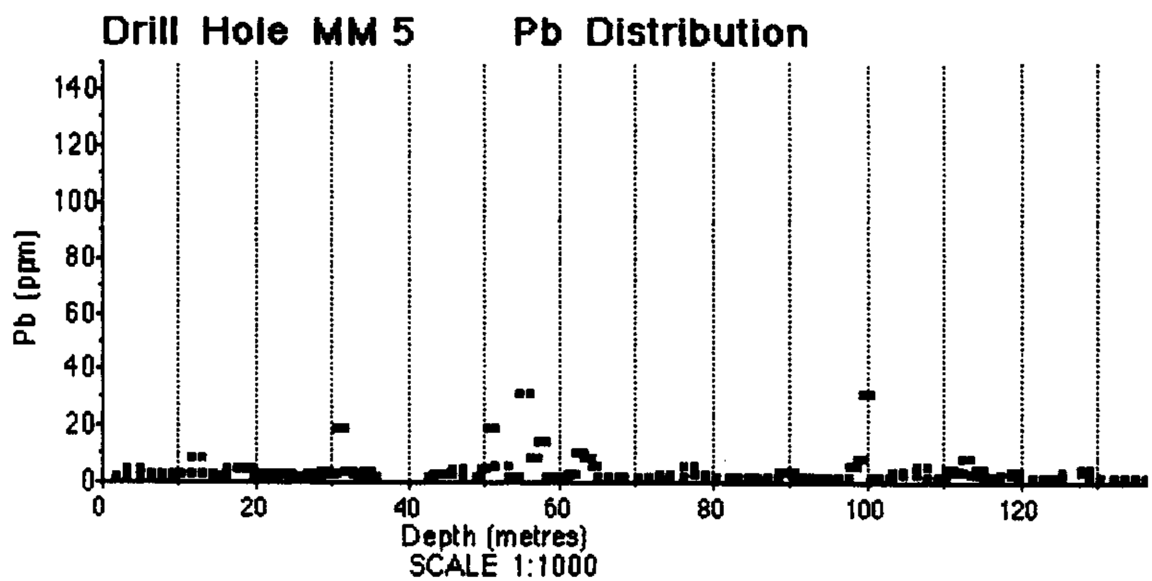
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1444	93.70	94.70	1.00	17	0.2	201	2	52	2	21	2	76	21	2	1
1445	94.70	96.20	1.50	15	0.3	287	2	47	2	27	2	103	21	3	1
1446	96.20	97.50	1.30	6	0.2	132	2	47	2	34	2	79	15	7	1
1447	97.50	98.50	1.00	7	0.3	132	6	49	2	15	2	97	13	8	1
1448	98.50	99.50	1.00	5	0.4	157	9	48	2	4	2	80	15	7	1
1449	99.50	100.50	1.00	9	0.8	148	32	78	2	21	3	62	11	7	1
1450	100.50	101.50	1.00	9	0.3	178	2	31	2	4	2	57	11	12	1
1451	101.50	102.75	1.25	8	0.2	166	2	37	2	2	4	72	13	4	1
1452	102.75	103.30	0.55	7	0.4	195	2	73	2	2	2	38	18	2	1
1453	103.30	104.80	1.50	7	0.6	341	4	71	2	2	2	54	30	2	1
1454	104.80	106.30	1.50	9	0.6	265	3	54	2	2	2	39	29	2	1
1455	106.30	107.80	1.50	9	0.4	241	6	68	2	2	2	60	25	3	1
1456	107.80	109.30	1.50	9	0.3	309	2	59	2	4	4	100	27	3	1
1457	109.30	110.30	1.00	17	0.1	249	2	49	2	3	2	49	17	5	1
1458	110.30	111.30	1.00	18	0.1	51	5	28	2	7	2	10	7	1	2
1459	111.30	112.30	1.00	28	0.1	48	4	36	2	6	2	21	8	1	1
1460	112.30	113.30	1.00	12	0.1	56	9	33	2	2	2	19	9	1	1
1461	113.30	114.30	1.00	14	0.2	69	3	39	2	3	2	25	9	1	1
1462	114.30	115.25	0.95	19	0.4	90	5	133	2	5	2	39	10	1	1
1463	115.25	116.25	1.00	17	0.4	139	2	63	2	38	2	111	22	1	1
1464	116.25	117.40	1.15	10	0.3	152	2	48	2	67	2	186	29	2	1
1465	117.40	118.60	1.20	9	0.1	59	3	43	2	3	2	26	7	1	1
1466	118.60	119.90	1.30	10	0.2	54	4	28	2	3	2	13	5	1	1
1467	119.90	121.40	1.50	13	0.2	118	2	56	2	83	2	100	27	1	1
1468	121.40	122.90	1.50	16	0.1	45	2	42	2	136	2	135	18	1	1
1469	122.90	124.15	1.25	16	0.1	94	2	81	2	194	2	155	23	1	1
1470	124.15	124.90	0.75	13	0.4	220	2	42	2	2	2	88	18	4	1
1471	124.90	125.50	0.60	10	0.3	312	2	68	2	5	2	35	21	4	1
1472	125.50	127.80	2.30	9	0.6	211	4	100	2	2	2	60	17	6	1
1473	127.80	128.90	1.10	8	0.6	315	5	**939**	2	5	2	53	18	6	1
1474	128.90	130.40	1.50	29	1.7	**555**	2	**580**	2	6	2	48	18	2	1
1475	130.40	132.10	1.70	9	0.3	154	2	33	2	5	2	10	8	1	1
1476	132.10	133.60	1.50	16	0.2	147	2	47	2	7	2	46	8	5	1
1477	133.60	135.10	1.50	11	0.2	134	2	47	2	14	2	50	8	5	1
1478	135.10	136.35	1.25	11	0.1	144	2	57	2	35	2	70	17	6	1



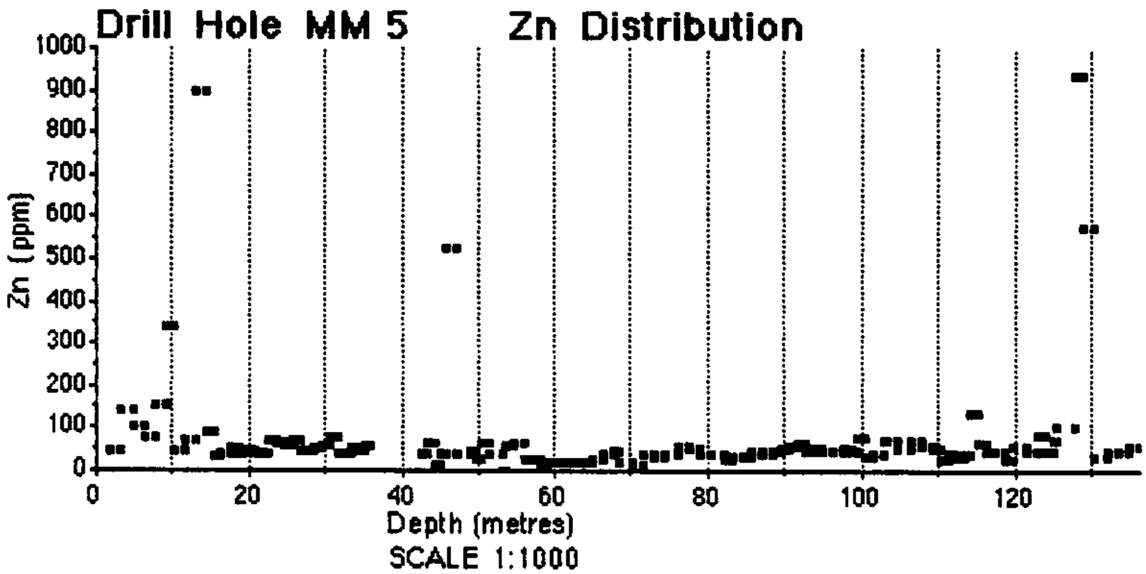
Drill Hole MM 5 Au Distribution
Au (ppb)
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

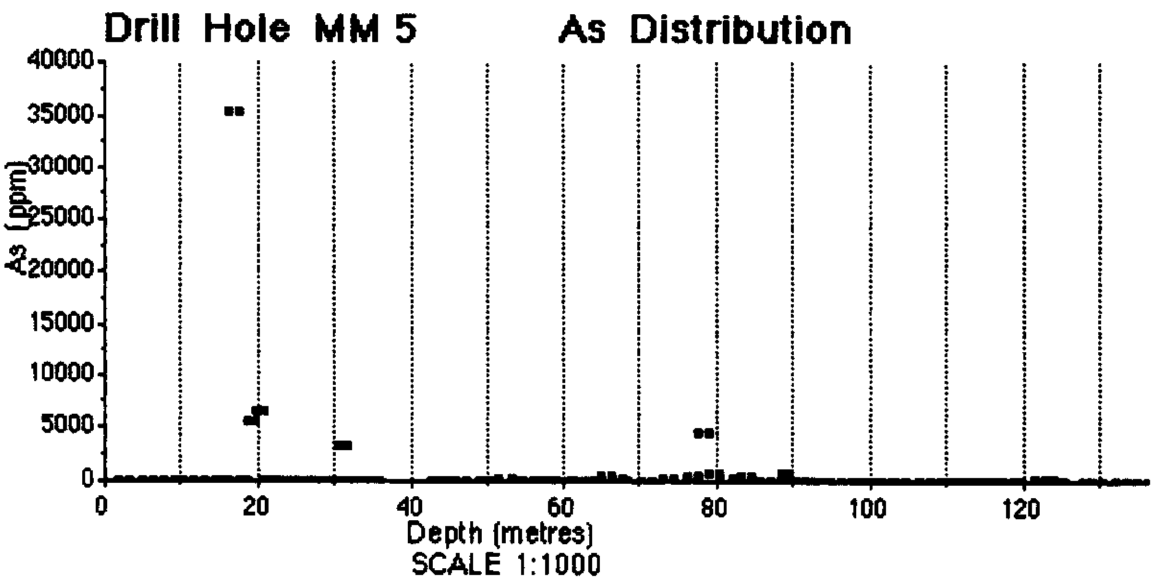


Drill Hole MM 5 Cu Distribution
1400
1200
1000
800
600
400
200
0
Cu (ppm)
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

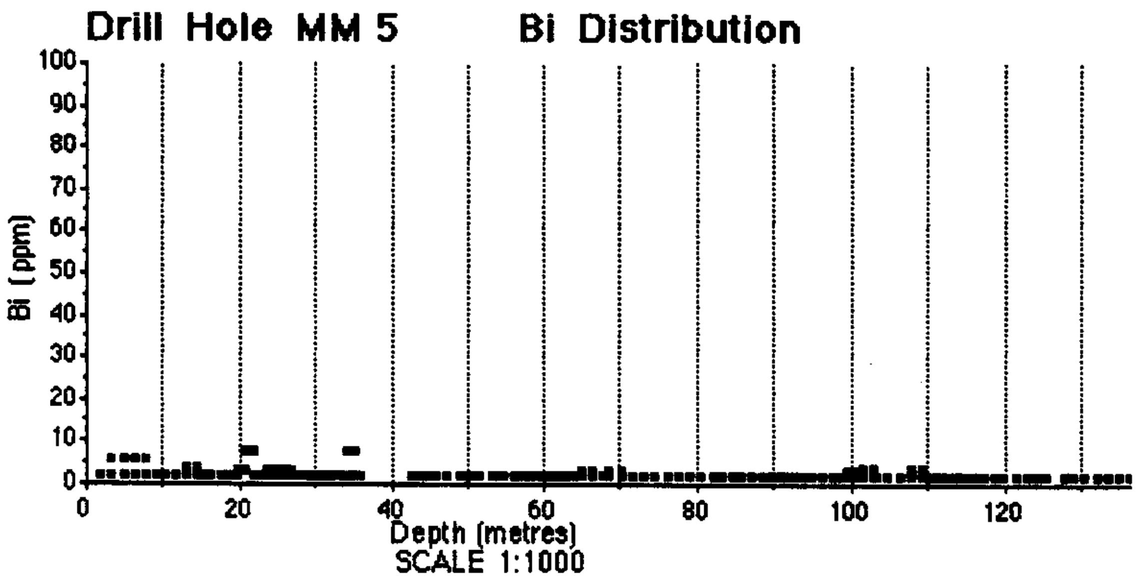


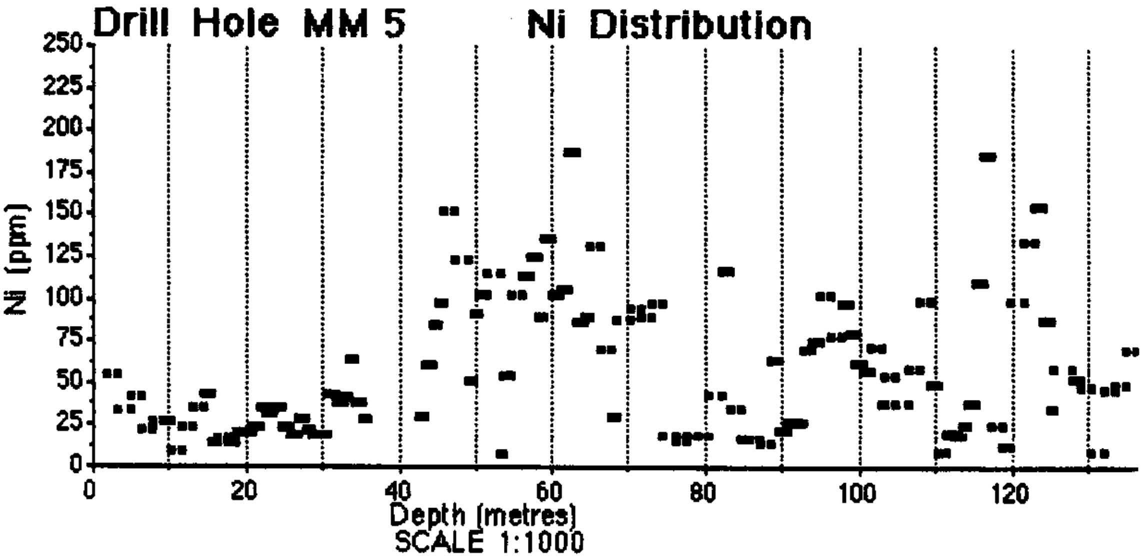
Drill Hole MM 5 Pb Distribution
Pb (ppm)
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000


Drill Hole MM 5 Zn Distribution
Zn (ppm)
1000
900
800
700
600
500
400
300
200
100
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

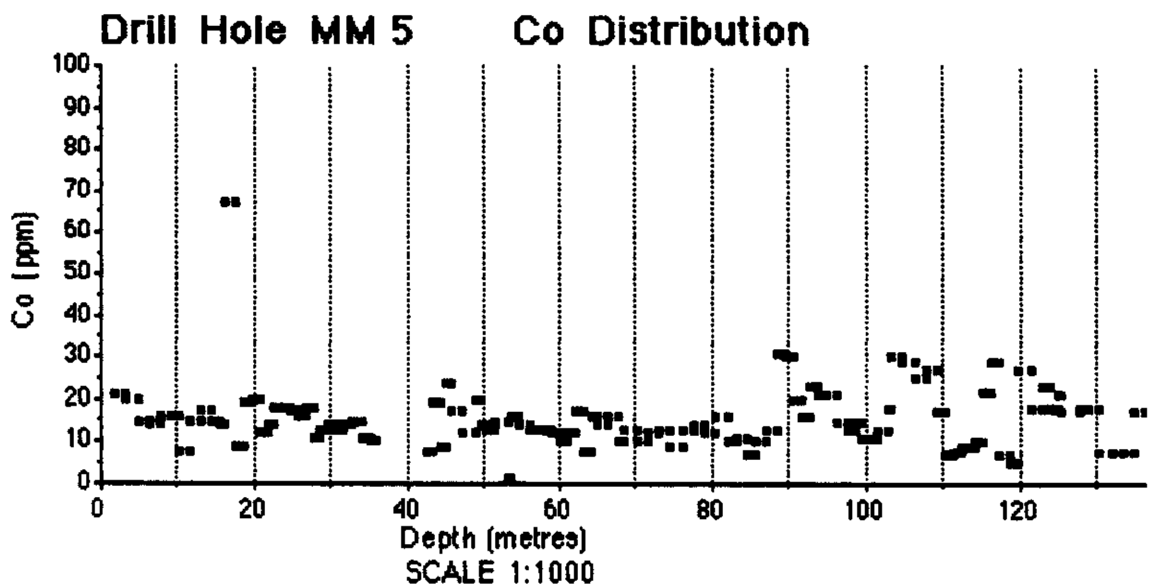


Drill Hole MM 5
As Distribution
40000
35000
30000
25000
20000
15000
10000
5000
0
As (ppm)
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

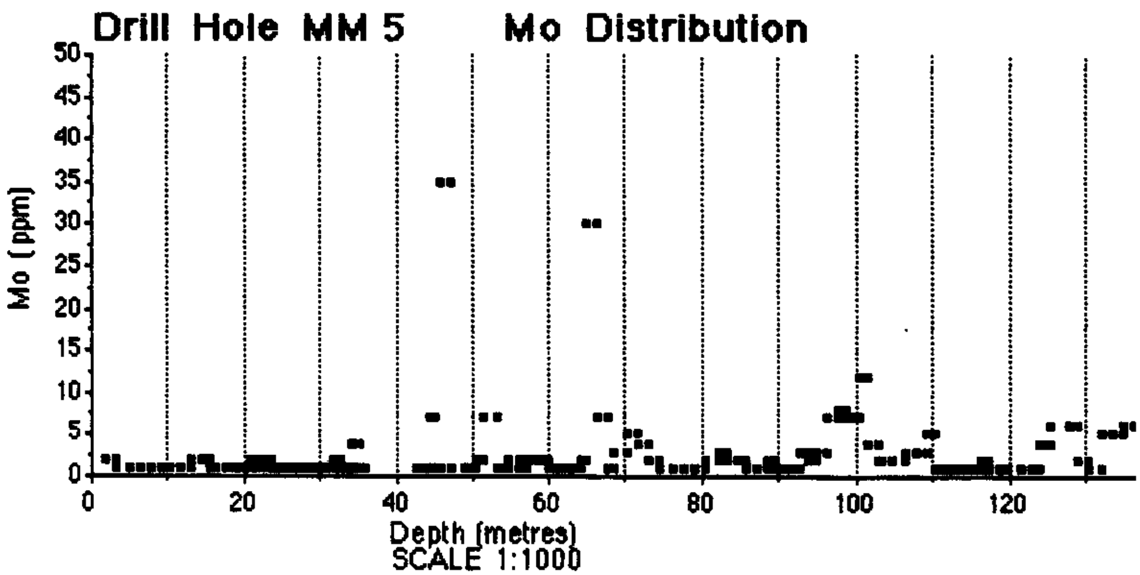

Drill Hole MM 5 Bi Distribution
Bi (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000



Drill Hole MM 5 Ni Distribution
250
225
200
175
150
125
100
75
50
25
0
Ni (ppm)
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000



Drill Hole MM 5 Co Distribution
Co (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000


Drill Hole MM 5 Mo Distribution
Mo (ppm)
0
5
10
15
20
25
30
35
40
45
50
0
20
40
60
80
100
120
Depth (metres)
SCALE 1:1000

Drill Hole No. MM-6

Location: 748m North
049m East
825m Elevation

Azimuth: 315°
Dip: -60°
Length: 99.99 m

Started: July 26,1991
Finished: July 27, 1991

Logged by: J J Watkins
July 29, 1991

Contractor: J T Thomas

0-1.21: Casing

1.21-1.40: **Altered sediment**: dk gry, mod sil'd, 5% Py in vnlets & diss, lc bkn.

1.40-1.75: **Mafic dike:** fr, fds+pyx P, xc Py vnlets w 2mm bl'd haloes, lc sharp @ 45°

1.75-4.60: **Altered sediment**: msv, fg, med gry w blk secs, 5% xc Py vnlets w 2mm halos, scatt bl'd over 10cm, lc sharp @ 45°.

4.60-5.70: **Altered mafic**: mod gry, fg, meely tex, 5% Py(Cp) in vnlets+vfg diss sulp, lc sharp 70°.

5.70-6.70: **Sediment**: msv, fg, med gry, wk sil'd, 5% vfg vnlets w Po(Cp?), lc vaque.

6.70-7.15: **Altered sediment**: med to light gry, carb alt'd, 3% vfg sulp Po(Cp), lc sharp @60°.

7.15-9.80: **Sediment**: msv, fg, prob thick bd'd, med gry w scatt carb bl'd secs to 10cm, rem dk gry pats, 10% carb stwk, lc sharp @10°.

9.80-14.90: **Mafic flow?**: w f pyx & fds laths, 10% vnlets w bl'd 2mm haloes, 5% PyCp, scatt calc vns to 5cmm @ 40° & 60°, lc ragged.

14.90-16.40: **Altered sediment**: 70% sil'd crmy, 30% intra mafic, 20% irreg vnlets, 5% PyCp, lc marked by 1cm Q(chl) vn @ 80°.

16.40-20.20: **Altered**: strg carb, crmy gry w 10-20% chl thru, 5% vfg Asp, lc marked by 20cm bull Q.

20.20-29.40: **Mafic flow**:
20.20-21.20: fg, med gry, mod sil'd w irrg Q vnlets best to lc.
21.20-27.20: w alt'd phenos, mott'd & stwk bling less to lc, 5% Py(Cp).
27.20-29.40: fg mod to strg sil'd, poss alt'd sed, 5% Py(Cp).

29.40-31.25: **Granite-like**: sil'd, crmy gry peppered w dk spots, 3%sulph (Cp)(Asp), lc bkn.

31.25-45.30: **Altered sediment**: fg msv, vaque bd, med gry w rem dk gry pats, 3% Po(Cp).
42.90-44.55: bkn thru by 20°-30° shs w 10% Po(Cp) best to tc.

45.30-62.60: **Mafic volconic**: 10-20% bl'd pats, 5% Po(Cp).
At 58.50: 10cm QC+chl sh @ 25° w 3% Po(Cp).

62.60-72.00: **Altered sediment**: sil'd w sil'd mafic intra.
62.60-63,25: strg sil'd w 7% Po(Cp) best to tc.
63.25-63.65: ram'd w QC+chl @ 80°, 5% Po(Cp) best at tc
63.65-64.30: mafic, carb alt'd, 1% diss sulp.
64.30-64.40: 50% sil sed, 50% mafic T? @ 60°, 1-2% vfg sulp.
64.40-66.50: sil'd crmy w 10% whspy ser @ 70°.
66.50-68.10: strg crmy sil'd, (ser?), wk chl? stwk, 1% diss sulp.
68.10-70.00: msv med gry sil'd 1-25 diss & vnlet sulp
lc sharp into bd'd T or sed @ 30°.

72.00-76.20: **Mafic tuff**: sil'd w intra sed? 50/50, 3% Po(Cp) asd pat & scatt vnlets, (bding) @ 45°, lc sharp @45°.

76.50-77.40: **Mafic flow?** dk grn, 10% carb vning @ 70°, 3% Po, lc sharp @ 25°.

77.40-80.55: **Altered sediment**: crmy sil'd, wk ser to lc, (fol) @ 40°, 5% Po(Cp), lc grad.

80.55-83.10: **Maficflow?**: 70% dk grn w wk-mod ser+sil secs, pat strg carb alt'd, 5% Po(Cp), lc grad.

83.10-84.80: **Altered maficflow?**: mod-strg ser (sil'd), 10% QC pats, >5% Po(Cp), lc grad.

84.80-88.25: **Mafic flow?**: fg, med crmy, wk sil'd w 20% pat Q+ser w 7% Po(Cp) vnlets, scatt crmy sil, lc sharp @ 80°.

88.25-89.35: **Altered sediment?**: crmy, strg sil'd w 10% mafic, (bd) @ 70°-80°, 3% diss sulp, lc grad.

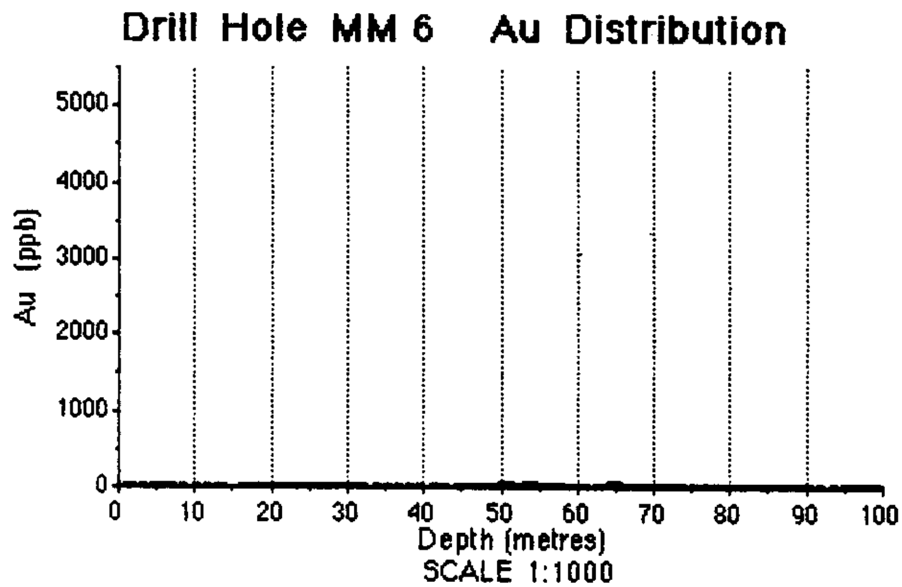
89.35-97.10: **Mafic flow?**: dk grn, in part meely tex'd, scatt carb alt'd, to 5% pat Po(Cp).

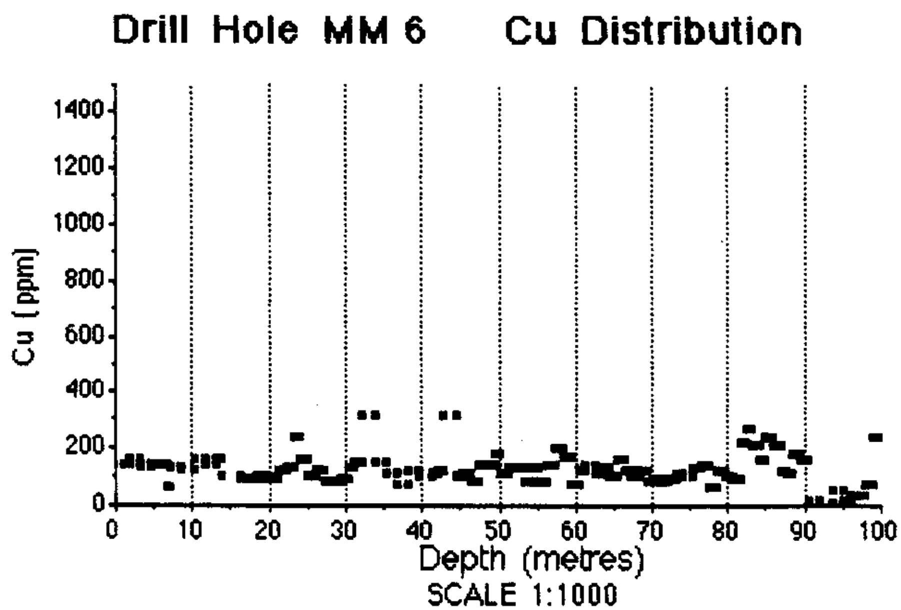
97.10-100.00: **Sedimemt?**: sil'd, fg, msv, pat ser, 5% Po(Cp) pat & scatt vnlets.

100.00 **END**

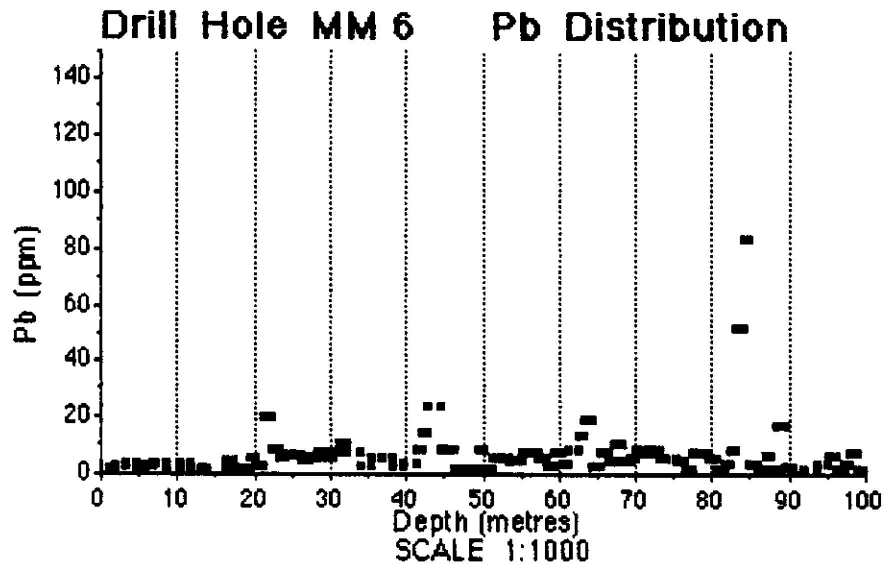
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1479	1.20	1.75	0.55	13	0.4	141	2	2	43	8	2	55	26	4	1
1480	1.75	3.25	1.50	11	0.2	165	3	2	49	15	2	66	19	6	1
1481	3.25	4.60	1.35	15	0.2	132	4	2	50	14	2	73	17	4	1
1482	4.60	5.70	1.10	10	0.3	148	2	2	26	8	2	33	20	2	1
1483	5.70	6.70	1.00	15	0.4	144	3	2	94	3	2	57	18	8	1
1484	6.70	7.15	0.45	15	0.1	63	4	2	25	3	2	105	17	7	1
1485	7.15	8.65	1.50	10	0.2	131	4	2	42	8	2	76	14	3	1
1486	8.65	10.15	1.50	7	0.1	124	2	2	47	21	2	61	12	3	1
1487	10.15	11.65	1.50	9	0.3	159	4	2	54	3	2	36	27	1	1
1488	11.65	13.15	1.50	13	0.2	143	2	2	54	2	2	39	28	1	1
1489	13.15	13.90	0.75	11	0.3	165	2	2	89	4	2	41	28	1	1
1490	13.90	16.40	2.50	9	0.3	108	2	2	51	10	2	55	23	2	1
1491	16.40	17.40	1.00	16	0.4	99	5	2	78	9	2	31	18	2	1
1492	17.40	18.40	1.00	9	0.4	92	2	2	72	7	2	20	16	2	1
1493	18.40	19.40	1.00	13	0.3	105	2	2	35	9	2	48	15	3	1
1494	19.40	20.20	0.80	13	0.4	95	6	2	36	5	2	41	12	2	1
1495	20.20	21.20	1.00	5	0.7	100	3	2	52	6	2	39	23	1	1
1496	21.20	22.20	1.00	5	0.5	125	20	7	69	5	2	47	12	5	1
1496A	22.20	23.20	1.00	15	0.7	135	9	5	35	8	2	39	24	1	1
1497	23.20	24.20	1.00	13	0.7	244	6	2	30	6	2	35	23	1	1
1498	24.20	25.20	1.00	16	0.5	161	7	3	42	7	2	44	23	2	1
1499	25.20	26.20	1.00	16	0.3	106	7	2	37	2	6	32	19	3	1
1500	26.20	27.20	1.00	6	0.3	126	5	2	100	2	5	36	20	2	2
1501	27.20	28.20	1.00	10	0.4	82	6	2	105	2	2	28	10	6	1
1502	28.20	29.40	1.20	6	0.2	82	8	2	**1434**	2	2	69	9	15	1
1503	29.40	30.40	1.00	6	0.5	95	6	2	94	2	2	12	6	3	1
1504	30.40	31.25	0.85	2	0.4	130	8	2	49	2	2	13	5	2	1
1505	31.25	32.25	1.00	3	0.8	155	11	2	173	2	2	119	13	26	1
1506	32.25	33.75	1.50	8	0.5	319	8	2	795	2	2	111	16	26	1
1507	33.75	35.25	1.50	4	0.5	152	3	2	**1458**	2	2	92	16	7	1
1508	35.25	36.75	1.50	5	0.1	112	6	2	303	2	2	92	13	3	1
1509	36.75	38.25	1.50	5	0.1	78	6	2	131	2	2	82	9	3	1
1510	38.25	39.75	1.50	3	0.3	129	3	2	74	2	2	77	13	4	1
1511	39.75	41.25	1.50	3	0.5	106	4	2	223	2	2	89	11	7	1
1512	41.25	42.00	0.75	3	0.3	120	9	2	**3176**	2	2	108	11	8	1
1513	42.00	42.90	0.90	2	0.3	129	14	2	390	8	2	100	14	3	1
1514	42.90	44.55	1.65	4	1.3	322	24	2	**2490**	43	2	105	34	3	1
1515	44.55	45.30	0.75	6	0.6	101	9	2	100	2	2	109	16	2	1
1516	45.30	46.30	1.00	3	1.2	117	9	2	60	2	4	59	23	2	1
1517	46.30	47.30	1.00	4	0.7	90	2	4	152	2	5	72	20	1	1
1518	47.30	48.30	1.00	4	1.0	142	2	4	93	2	2	54	25	1	1
1519	48.30	49.30	1.00	9	1.0	144	2	4	79	2	3	46	23	1	1
1520	49.30	50.30	1.00	6	0.9	183	9	2	37	2	3	35	27	1	1
1521	50.30	51.30	1.00	21	0.9	118	2	5	54	2	2	28	24	1	1
1522	51.30	52.30	1.00	10	1.2	130	6	7	79	2	6	38	24	2	1
1523	52.30	53.30	1.00	4	0.6	132	6	2	301	2	8	83	25	1	1
1524	53.30	54.30	1.00	24	0.1	83	5	2	39	2	2	46	11	2	1
1525	54.30	55.30	1.00	6	1.0	134	5	4	79	2	5	34	23	1	1
1526	55.30	56.30	1.00	3	0.6	87	8	2	64	2	3	25	19	2	1
1527	56.30	57.30	1.00	3	1.0	146	8	2	68	2	5	33	21	1	1
1528	57.30	58.30	1.00	3	0.8	200	6	6	45	2	8	26	17	1	1
1529	58.30	59.30	1.00	4	0.6	173	3	4	42	2	2	23	13	2	1
1530	59.30	60.30	1.00	1	0.5	74	8	4	257	2	3	12	9	1	1
1531	60.30	61.30	1.00	2	0.8	126	4	6	63	2	2	20	13	1	1
1532	61.30	62.60	1.30	4	0.7	148	9	3	54	2	4	68	18	2	1
1533	62.60	63.25	0.65	11	0.5	115	13	2	44	6	2	86	13	4	1
1534	63.25	64.30	1.05	4	0.5	130	19	2	76	2	2	80	20	2	1
1535	64.30	65.40	1.10	35	0.3	110	3	2	63	2	2	52	15	6	1
1536	65.40	66.50	1.10	7	1.0	167	8	2	71	41	2	63	17	5	1
1537	66.50	67.30	0.80	3	0.1	122	5	2	50	24	2	71	13	2	1
1538	67.30	68.10	0.80	5	0.3	107	11	2	42	76	2	117	13	5	1
1539	68.10	69.10	1.00	2	0.5	124	5	2	45	2	2	77	13	4	1
1540	69.10	70.10	1.00	3	0.3	85	6	2	40	3	2	82	9	2	1
1541	70.10	71.10	1.00	2	0.2	100	9	2	44	38	2	76	10	4	1
1542	71.10	72.00	0.90	1	0.1	90	8	2	35	2	2	68	9	2	1
1543	72.00	73.00	1.00	2	0.1	92	9	2	42	2	2	66	10	1	1
1544	73.00	74.00	1.00	6	0.2	113	6	2	41	8	2	85	10	2	1
1545	74.00	75.30	1.30	2	0.1	105	6	2	34	18	2	73	9	3	1
1546	75.30	76.20	0.90	5	0.7	132	5	2	56	4	2	81	14	2	1
1547	76.20	77.40	1.20	4	0.4	145	2	2	89	2	2	83	20	1	1
1548	77.40	78.40	1.00	3	0.3	71	8	3	39	2	2	68	10	3	1
1549	78.40	79.40	1.00	4	0.4	128	8	2	49	23	2	87	16	2	1
1550	79.40	80.55	1.15	8	0.1	103	6	2	48	11	2	64	12	2	1
1551	80.55	81.55	1.00	6	0.2	99	2	2	54	2	2	30	15	1	1
1552	81.55	82.20	0.65	5	0.1	225	4	2	36	2	2	74	25	4	1
1553	82.20	83.10	0.90	4	0.7	273	9	2	46	41	9	50	31	3	1

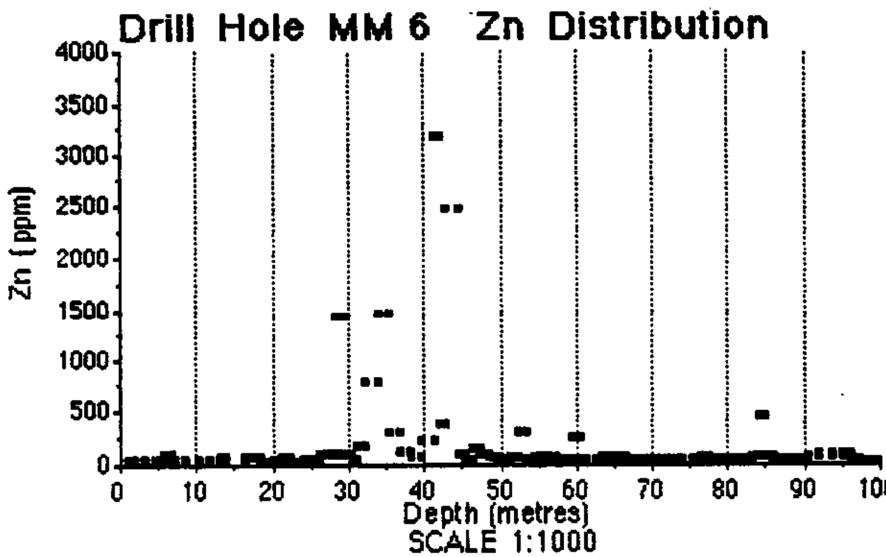
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Sb (ppm)	Zn (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1554	83.10	84.00	0.90	7	1.3	216	52	2	73	464	2	43	19	6	1
1555	84.00	84.80	0.80	9	2.0	168	84	2	465	101	5	33	24	2	1
1556	84.80	85.80	1.00	6	0.6	245	4	2	66	138	5	43	24	3	1
1557	85.80	86.80	1.00	1	0.1	210	2	2	47	9	8	53	23	3	1
1558	86.80	87.50	0.70	7	0.7	126	7	2	59	8	2	25	16	1	1
1559	87.50	88.25	0.75	5	0.5	120	2	2	49	4	2	27	10	2	1
1560	88.25	89.35	1.10	6	0.6	181	17	2	60	62	2	41	14	7	1
1561	89.35	90.50	1.15	6	0.2	160	3	2	55	4	5	19	18	1	1
1562	90.50	92.00	1.50	2	0.1	15	2	2	83	2	2	5	15	1	1
1563	92.00	93.50	1.50	3	0.1	14	2	2	91	5	2	5	15	1	1
1564	93.50	95.00	1.50	2	0.1	54	4	2	75	2	2	5	16	1	1
1565	95.00	96.00	1.00	2	0.2	22	7	2	99	2	2	5	17	1	1
1566	96.00	97.10	1.10	4	0.5	34	2	2	56	2	2	7	18	1	1
1567	97.10	98.00	0.90	4	0.4	34	4	4	14	3	2	61	4	4	1
1568	98.00	99.00	1.00	6	0.2	76	8	2	22	2	2	54	8	5	1
1569	99.00	100.00	1.00	5	0.5	244	2	2	27	2	2	70	21	11	1

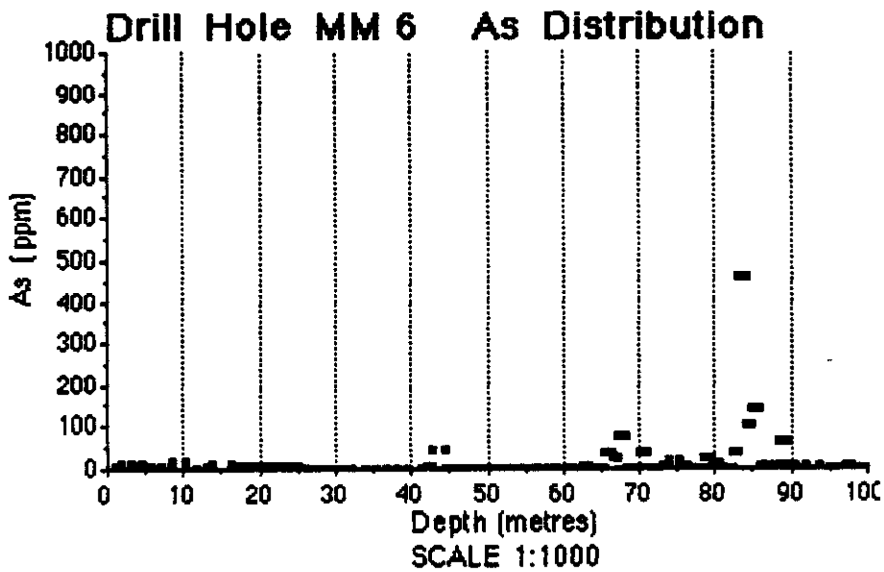

Drill Hole MM 6 Au Distribution
5000
4000
3000
2000
1000
0
Au (ppb)
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000



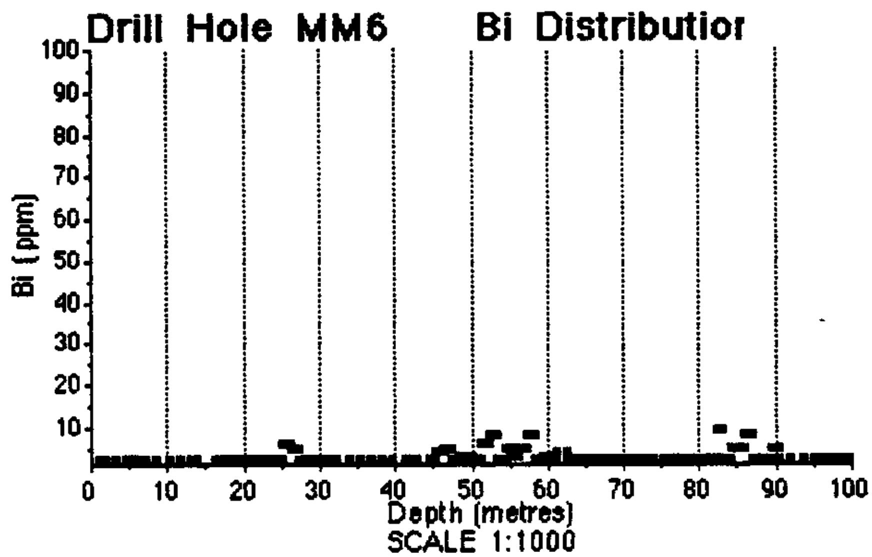
Drill Hole MM 6 Cu Distribution
Cu (ppm)
1400
1200
1000
800
600
400
200
0
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000

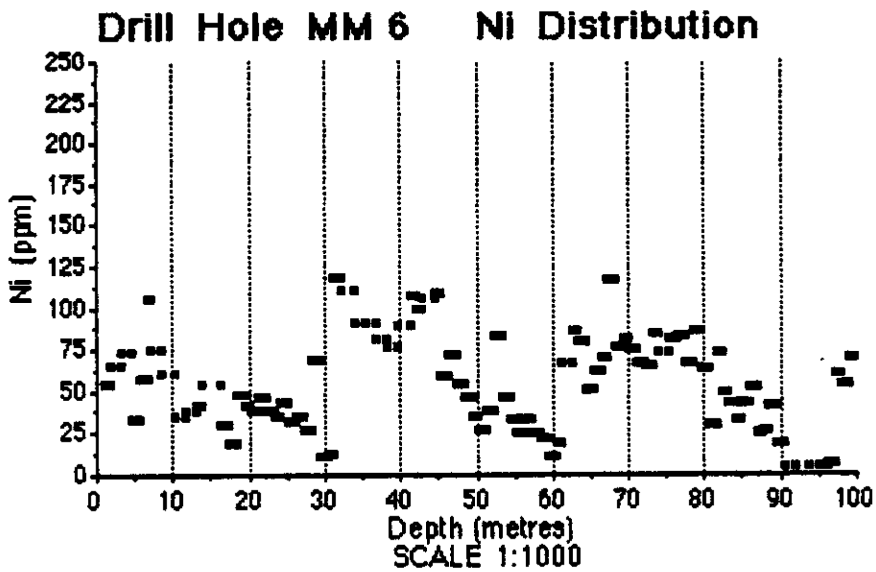

Drill Hole MM 6 Pb Distribution
Pb (ppm)
0
20
40
60
80
100
120
140
0 10 20 30 40 50 60 70 80 90 100
Depth (metres)
SCALE 1:1000

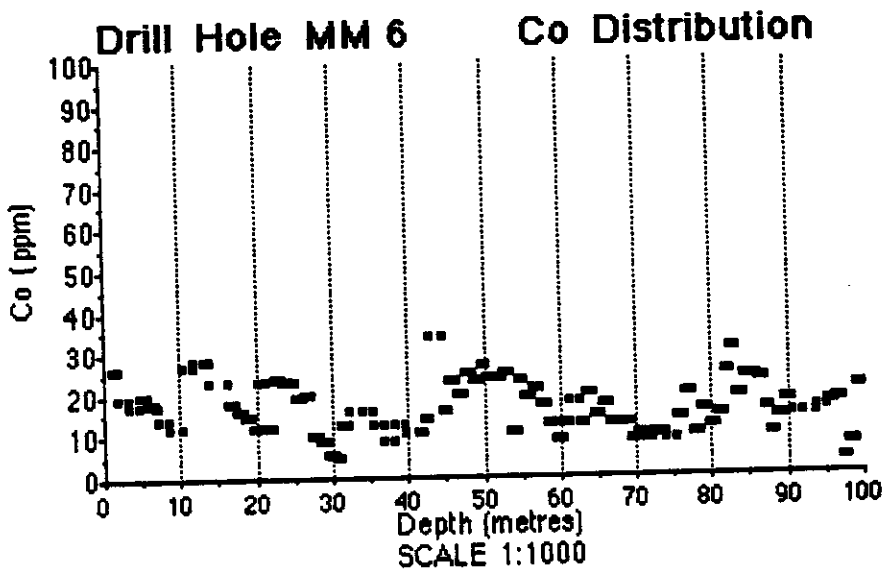

Drill Hole MM 6 Zn Distribution
Zn (ppm)
4000
3500
3000
2500
2000
1500
1000
500
0
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000

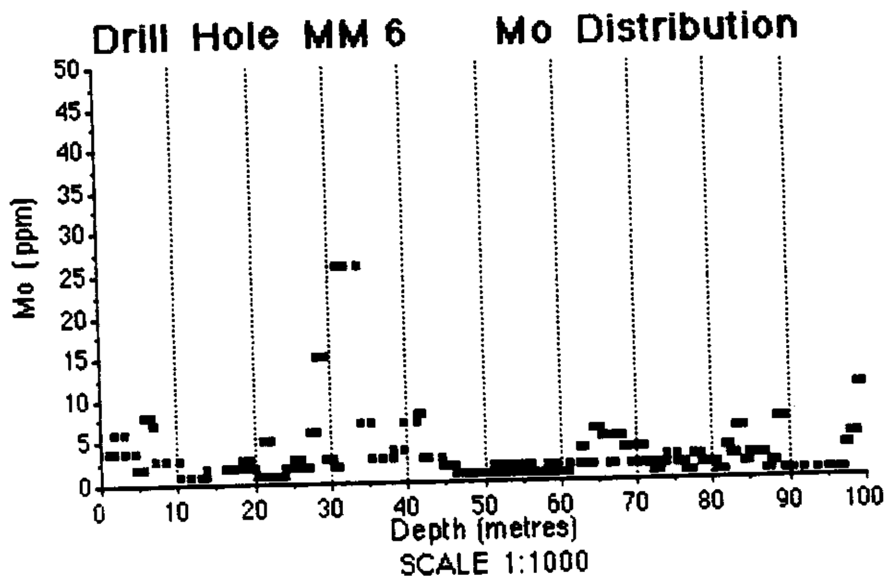


Drill Hole MM 6 As Distribution
1000
900
800
700
600
500
400
300
200
100
0
As (ppm)
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000


Drill Hole MM6 Bi Distributior
Bi (ppm)
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000


Drill Hole MM 6 Ni Distribution
Ni (ppm)
250
225
200
175
150
125
100
75
50
25
0
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000


Drill Hole MM 6
Co Distribution
100
90
80
70
60
50
40
30
20
10
0
Co (ppm)
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000


Drill Hole MM 6
Mo Distribution
Mo (ppm)
50
45
40
35
30
25
20
15
10
5
0
0
10
20
30
40
50
60
70
80
90
100
Depth (metres)
SCALE 1:1000

Drill Hole No. MM-7

Location: 819m North
003m West
850m Elevation

Azimuth: 135°
Dip: -60°
Length: 145.74 m

Started: July 27,1991
Finished: July 29, 1991

Logged by: J J Watkins
July 30 & 31, 1991

Contractor: J T Thomas

0-3.33 Casing

3.33-19.45 **Altered Mafic**:
3.33-7.30: mod sil'd, fg w hazy f fds, 10-15% vnlets w bl'd haloes most @ 30-45°, 3% Po(Cp), lc grad.
7.30-8.40: mod to strg bl'd, carb alt'd, 5% Po(Cp), lc grad.
8.40-10.20: (sil'd) mafic w 10-15%, bl'd haloes on vnlets most @ 30°-45, 5% Po(Cp).
10.20-13.00: mod to strg bl'd thru, 10% vn'd w 7% Po(Cp), vn'd @ 30°-45°.
13.00-13.80: wk to mod sil'd , 5% Po(Cp) in bl'd vnlets.
13.80-15.75: mod bl'd w 30% mott'd QC+chl, irreg bl'd vns, 5% Po(Cp).
15.75-17.00: wk bl'd w 10% bl'd vnlets, w 5% Po(Cp).
17.00-17.60: strg bl'd, 50% QC+chl, mott'd, 7% Po(Cp).
17.60-19.45: wk-mod bl'd w 20% irreg bl'd vnlets best to tc, 5% Po(Cp), lc sharp @ 70°.

19.45-20.50: **Altered feldspar porphyry**: strg carb alt'd, vaque cg intr tex, msv, 5% diss sulp, lc sharp @ 70°.

20.50-25.50: **Altered mafic**: fg w 30% bl'd (sil'd) secs to 30cm, 10% bl'd vnlets, 5% Po(Cp), lc sharp @ 70°.

25.50-28.50: **Feldspar porphyry dike**: wk to mod sil, bl'd core to 1m, msv, vaque bd @ 70°, 2% Po(Cp) in vnlets, lc sharp @ 80°.

28.50-36.60: **Mafic volcanic**: fg, msv, 30% mod-strg intra sil'd w carb, intra sed?, (bd) @ 70°-90°, 5% Po?Py(Cp) w some scatt MS to 1cm, scatt vnlets w bl'd halos, lc sharp 70°.

36.60-37.50: **Altered mafic?**: msv, gran, (bd) @ 45°, strg carb alt'd, 5% fg sulph thru, lc sharp 50°.

37.50-50.65: **Altered mafic?**: gran carb alt'd as before w 40% fg med to crmy gry, (sed?), cts from carb alt'd gran to fg grad, 3-5% diss & scatt vns Po(Cp).

50.65-52.90: **Felsic intrusive**: granite-like, wk to loc mod ser, pat strg sil, peppered w blk flecks, 2% vfg sulp.

52.90-66.50: **Altered sediment**: si'd, med to dk gry w some intra mafic T to 10cm, bd @ 45°-60°, 10-20% calc vn'd.
55.25-55.75: QC w 20% whispy chl @ 40°, 3% diss Py.
56.80-57.20: sil crmy gry, (ser), 20% irreg Q, 5% diss Py.
62.35-62.85: sil'd w sharp cts @ 60°, (ser), 3% Py.
65.20-65.75: mod sh'd w chl+calc @ 55°, lc ser sh @ 30°.

66.50-67.60: **Altered**: strg sil'd centered on 20cm calc+ chl vn @ 45°, 2% fg sulp.

67.60-71.30: **Mafic flow?**: msv, fg, cg to lc, 2% diss Py, lc sharp @ 60°.

71.30-73.00: **Chert**: crmy, prob intra flow, 2% diss Py,lc bkn.

73.00-74.25: **Mafic flow?**: carb alt'd, 20% ch, 2% diss Py.

74.25-75.20: **Chert**: gry as before, 2% diss Py, @ 74.75 5cm go @ 60°, lc @ 70°.

75.20-76.75: **Mafic flow?**: as before, (ser), 2% diss Py, lc sharp 60°.

76.75-77.05: **Chert**: gry as before, 1% diss Py, lc sharp 60°.

77.05-81.00: **Mafic flow?**: carb alt'd w 20% intra ch, 1% diss Py, lc calc+chl sh @ 70°.

81.00-81.50: **Chert**: gry as before, 1% diss Py, lc sharp@ 70°.

81.50-104.30: **Intracalated mafic flow & chert**:
81.55-83.55: mafic, carb alt'd.
83.55-84.00: crmy ch, 1% diss Py, lc lcm sh @ 80°.
84.00-86.20: 70% sil'd & carb alt'd mafic, 10% crmy ch w 2% diss Py, 30% dk grn mafic, lc grad.
86.20-87.30: 20% crmy ch, 80% sil'd+carb alt'd mafic, 1% diss Py, lc calc vn (sh?) @ 80°.
87.30-88.20: carb alt'd mafic w 10% crmy ch, 1% diss Py.
88.20-88.80: 70% crmy ch w 20% mafic, 10% pat Py.
88.80-90.10: carb alt'd mafic, 2% pat Py, lc sh'd @ 30°.
90.10-94.00: sil'd & carb alt'd mafic, 5% Po(Cp) in frac w narrow bl'd halos.
94.00-95.00: carb alt'd mafic, msv, 10% strg bl'd w 5% PyPo, lc grad.
95.00-97.10: 70% crmy ch, 30% b'd & sil'd mafic, 3% Py pat.
97.10-98.00: carb alt'd mafic, 5% chl vning, 1% sulph.
98.00-98.80: crmy ch, sil'd mafic? in part, insitu frac w 3% Po(Cp).
98.80-104.30: carb alt'd mafic, scatt QC vn'd to lc, bkn 101.50-104.30. lc vaque.

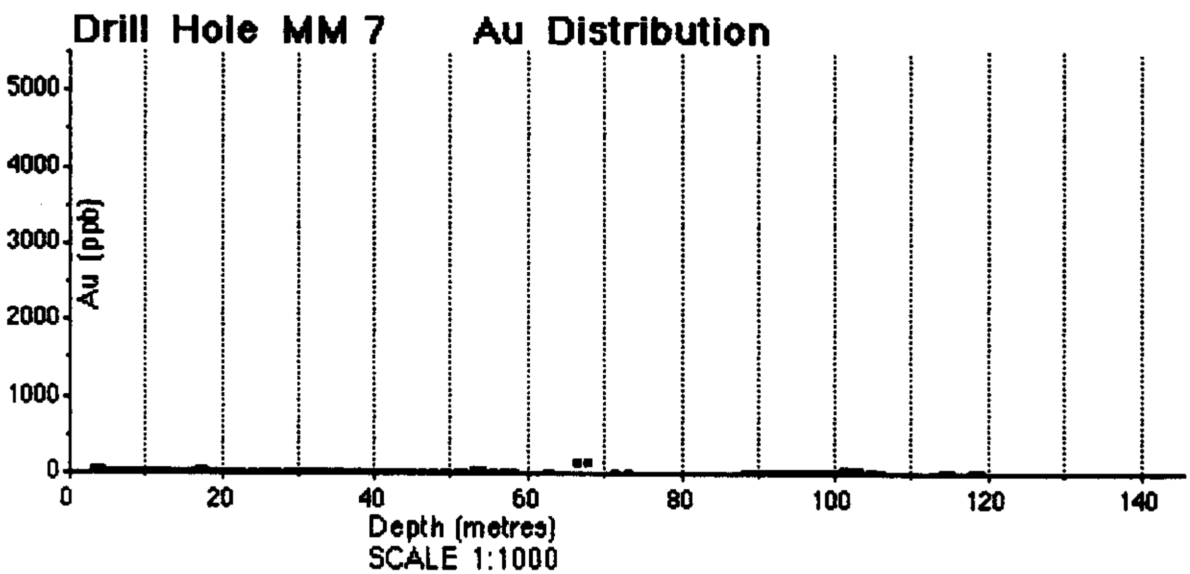
104.30-104.90: **Mafic? flow?**: sil'd, 10% Po in bd @ 60° w strg chl, lc vaque.

104.90-136.15: **Diorite:** Gd? mg-cg w fg sec, chl w scatt bl'd.
104.90-106.00: fg-mg.
112.50-114.00: dk grn, fg mafic.
At 113.65: prob chill ct down hole @ 60°.
114.00-115.20: mod bl'd, (sulph).
117.70-119.00: sil'd w wk ser.
At 117.85: 5cm carb sh @ 25°.
119.00- 136.15: mg (fg) chl+10% calc vning.
At 119.70: strg chl+carb sh @ 70°.
lc sharp @ 70° w no chill from cg dio.

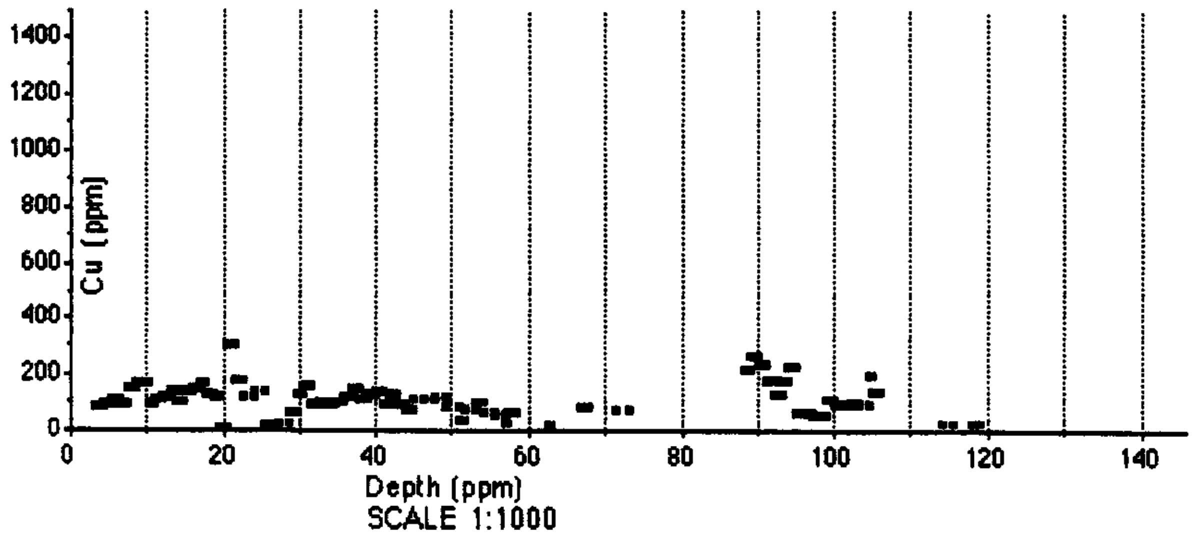
136.15-145.74: **Intracalated mafic flow & chert**: mafic w intra crmy ch grad to blk arg w rem blk arg first at 142.70.
136.15-136.35: crmy ch, lc sharp sh @ 80°, no sulph.
136.35-136.70: mafic carb alt'd, lc carb sh 1cm @ 80°.
136.70-148.80: crmy ch, meta spotting to tc, vaque rem arg, wk bd @60°.
At 139.30: 10cm carb sh @ 40°.
148.80-141.30: mafic, carb alt'd, lc sharp 50°.
141.30-145.74: crmy ch grad to blk arg, bd @ 30°-45°.

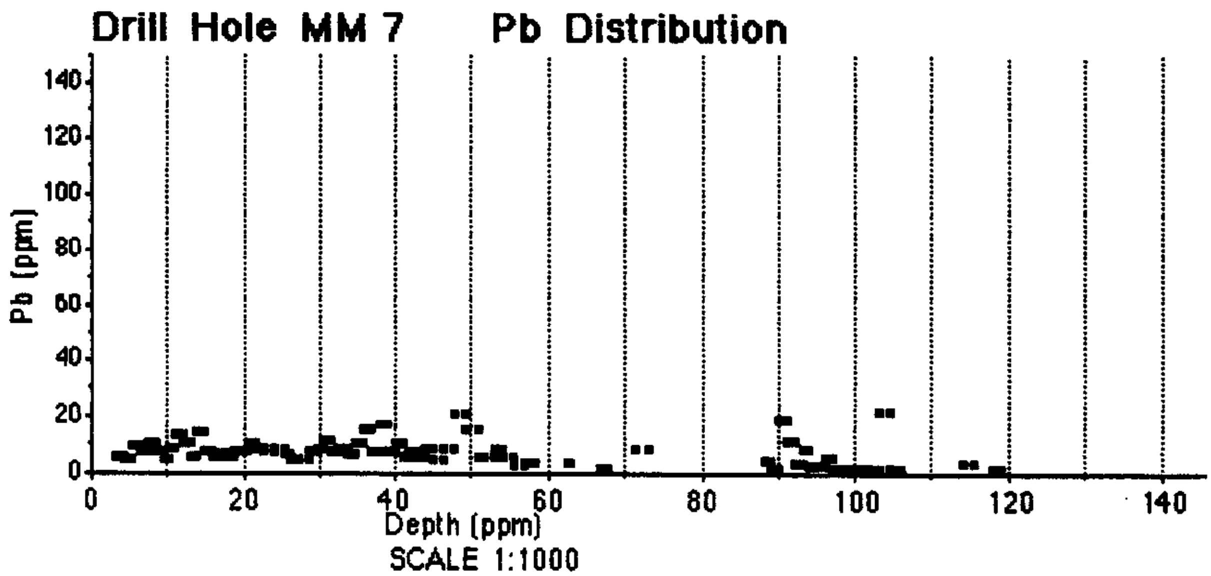
145.74 **END**

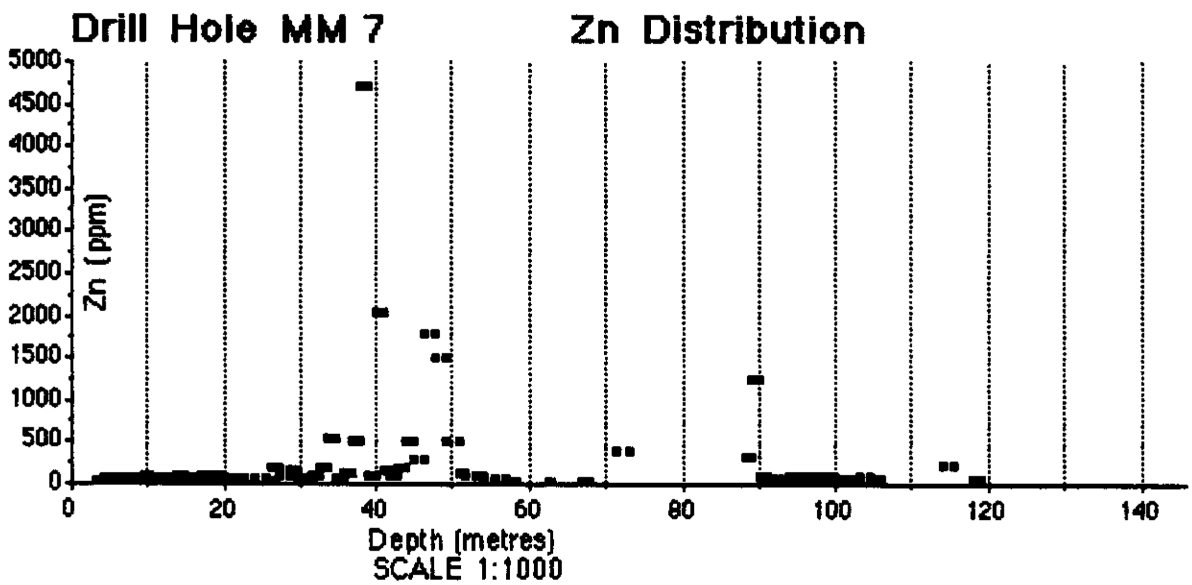
SAMPLE No.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1569A	3.33	4.30	0.97	24	0.6	83	6	46	2	9	2	93	19	9	1
1570	4.30	5.30	1.00	1	0.7	98	5	60	2	2	2	33	18	2	1
1571	5.30	6.30	1.00	6	0.7	112	10	70	2	2	2	23	20	2	1
1572	6.30	7.30	1.00	5	0.6	94	8	74	2	2	2	27	13	2	1
1573	7.30	8.40	1.10	5	0.7	154	11	31	2	6	2	88	16	3	1
1574	8.40	9.40	1.00	3	0.9	169	8	64	2	2	2	16	20	2	1
1575	9.40	10.20	0.80	7	0.8	171	5	84	3	2	2	22	18	2	1
1576	10.20	11.00	0.80	3	0.6	92	9	50	2	2	2	79	10	5	1
1577	11.00	12.00	1.00	7	0.8	116	13	64	2	2	2	73	14	4	1
1578	12.00	13.00	1.00	7	0.8	126	11	60	5	2	2	110	19	4	1
1579	13.00	13.80	0.80	2	0.9	149	6	60	6	2	2	67	16	4	2
1580	13.80	14.80	1.00	7	0.7	105	14	100	6	19	2	84	13	5	2
1581	14.80	15.75	0.95	4	0.8	147	8	53	6	27	2	59	18	2	1
1582	15.75	17.00	1.25	4	1.0	153	6	46	5	6	2	32	19	2	2
1583	17.00	17.60	0.60	27	1.2	172	7	87	5	156	3	36	18	3	1
1584	17.60	18.60	1.00	7	0.8	133	6	86	3	28	2	32	11	2	1
1585	18.60	19.45	0.85	7	0.8	126	8	87	5	2	2	27	23	1	1
1586	19.45	20.50	1.05	2	0.1	12	8	63	3	3	2	9	10	2	2
1587	20.50	21.50	1.00	3	1.2	312	11	75	6	7	2	30	25	2	2
1588	21.50	22.70	1.20	1	0.8	181	9	54	4	4	2	77	23	4	2
1589	22.70	24.10	1.40	2	0.6	121	8	44	3	2	2	124	23	3	2
1590	24.10	25.50	1.40	11	0.7	142	9	55	2	6	2	71	14	5	2
1591	25.50	26.10	0.60	1	0.5	19	7	46	2	3	2	5	8	2	2
1592	26.10	27.20	1.10	2	0.6	16	5	177	2	2	2	5	9	2	2
1593	27.20	28.50	1.30	1	0.7	28	5	103	2	2	2	11	9	4	2
1594	28.50	29.50	1.00	5	0.6	71	8	147	2	2	2	51	8	4	2
1595	29.50	30.50	1.00	5	0.8	134	9	64	2	2	2	79	13	4	2
1596	30.50	31.50	1.00	2	0.7	162	12	50	2	2	2	80	19	3	2
1597	31.50	32.50	1.00	1	0.6	92	8	105	2	6	2	62	14	3	2
1598	32.50	33.50	1.00	4	0.6	107	9	199	5	5	2	86	15	4	2
1599	33.50	34.50	1.00	1	0.7	95	7	538	4	2	2	27	14	2	2
1600	34.50	35.50	1.00	1	0.7	109	11	72	4	3	2	28	14	3	2
1601	35.50	36.60	1.10	2	0.7	121	15	129	3	3	2	45	17	4	2
1602	36.60	37.75	1.15	3	0.9	153	8	522	3	3	2	23	19	1	3
1603	37.75	38.75	1.00	1	0.7	114	17	4710	5	7	2	56	16	6	24
1604	38.75	39.75	1.00	1	0.6	139	8	101	3	2	2	47	14	5	1
1605	39.75	40.75	1.00	10	0.5	145	11	2058	2	2	2	42	15	3	1
1606	40.75	41.75	1.00	5	0.4	97	6	166	2	2	2	35	14	2	1
1607	41.75	42.75	1.00	6	0.6	138	8	94	2	2	2	43	21	1	1
1608	42.75	43.75	1.00	7	0.4	100	6	184	2	2	2	62	9	4	1
1609	43.75	44.70	0.95	3	0.4	79	9	504	2	2	2	59	6	4	1
1610	44.70	46.20	1.50	8	0.6	115	5	292	2	10	2	30	21	1	1
1611	46.20	47.70	1.50	7	0.6	112	9	1798	2	43	2	46	21	1	1
1612	47.70	49.10	1.40	12	0.8	125	21	1522	2	6	2	76	18	2	1
1613	49.10	50.65	1.55	11	0.8	83	15	520	2	19	2	51	17	1	1
1614	50.65	51.65	1.00	7	0.3	39	6	116	2	2	2	11	7	1	1
1615	51.65	52.90	1.25	6	0.4	74	6	81	2	2	2	28	11	2	1
1616	52.90	54.00	1.10	19	0.9	103	9	101	2	16	2	78	16	2	1
1617	54.00	55.25	1.25	7	0.3	72	6	50	2	28	2	81	14	2	1
1618	55.25	56.80	1.55	10	0.3	60	3	51	2	6	2	57	13	2	1
1619	56.80	57.20	0.40	11	0.2	33	4	33	2	4	2	14	6	2	1
1620	57.20	58.20	1.00	16	0.3	65	4	47	2	37	2	69	15	2	1
1621	62.35	62.85	0.50	9	0.2	22	4	39	2	6	2	25	8	1	1
1622	66.50	67.60	1.10	139	0.4	86	2	19	3	1431	2	49	10	1	1
1623	71.30	73.00	1.70	9	0.5	81	9	375	2	41	2	82	9	2	1
1624	88.20	88.80	0.60	15	0.9	223	5	330	2	12	2	81	36	2	1
1625	88.80	90.10	1.30	9	1.1	265	2	1260	2	2	2	49	19	2	1
1626	90.10	91.00	0.90	6	1.1	245	19	105	2	3	2	50	20	3	1
1627	91.00	92.00	1.00	6	0.7	180	12	62	2	2	2	65	15	3	1
1628	92.00	93.00	1.00	7	0.7	137	4	36	2	2	2	66	15	3	1
1629	93.00	94.00	1.00	16	0.9	185	9	56	2	2	2	98	31	3	1
1630	94.00	95.00	1.00	2	0.6	229	3	87	2	2	2	108	21	1	1
1631	95.00	96.00	1.00	6	0.3	65	3	52	2	3	2	64	10	3	1
1632	96.00	97.10	1.10	4	0.3	69	6	82	2	2	2	36	8	3	1
1633	97.10	98.00	0.90	8	0.2	53	2	96	2	2	2	65	10	3	1
1634	98.00	98.80	0.80	11	0.3	61	2	64	2	8	2	71	8	11	1
1635	98.80	99.90	1.10	16	0.2	114	2	88	2	11	2	57	14	15	1
1636	99.90	100.90	1.00	16	0.3	94	2	74	2	48	2	35	21	1	1
1637	100.90	101.90	1.00	19	0.3	94	2	73	2	47	2	30	16	1	1
1638	101.90	102.90	1.00	37	0.3	107	2	78	2	39	2	35	20	1	1
1639	102.90	104.30	1.40	10	0.3	99	22	89	2	11	2	36	18	1	1
1640	104.30	104.90	0.60	7	0.6	205	2	40	2	2	3	24	8	2	1
1641	104.90	105.90	1.00	6	0.7	146	2	69	4	8	4	35	20	1	1
1642	114.00	115.20	1.20	2	0.4	30	4	219	3	3	3	5	11	1	1
1643	117.70	119.00	1.30	2	0.5	25	2	80	2	4	2	5	16	1	1

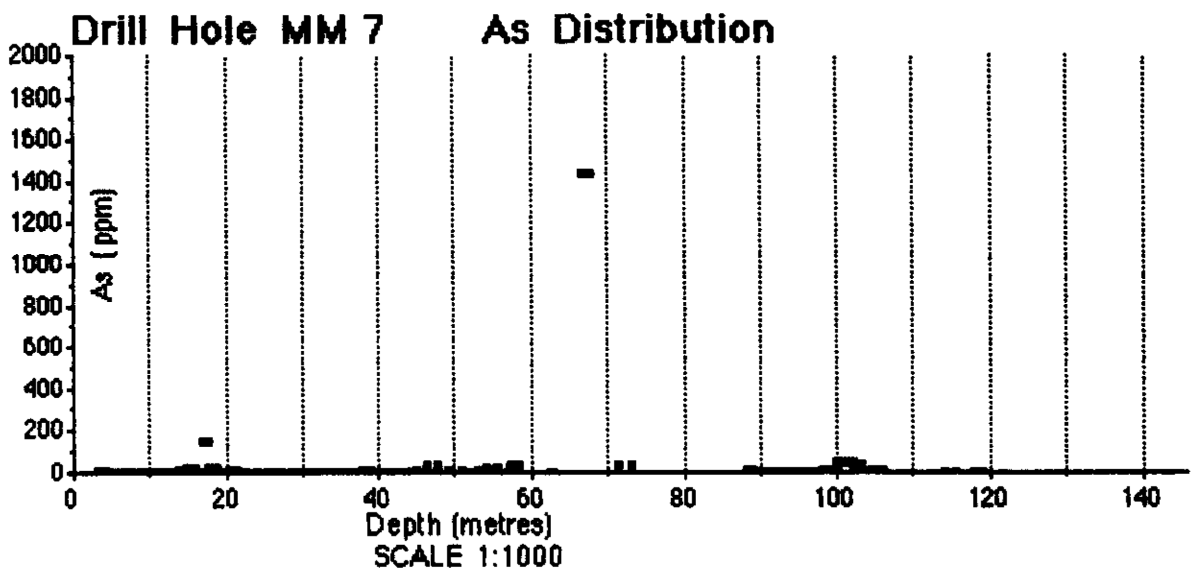

Drill Hole MM 7 Au Distribution
5000
4000
3000
2000
1000
0
Au (ppb)
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000

Drill Hole MM 7 Cu Distribution

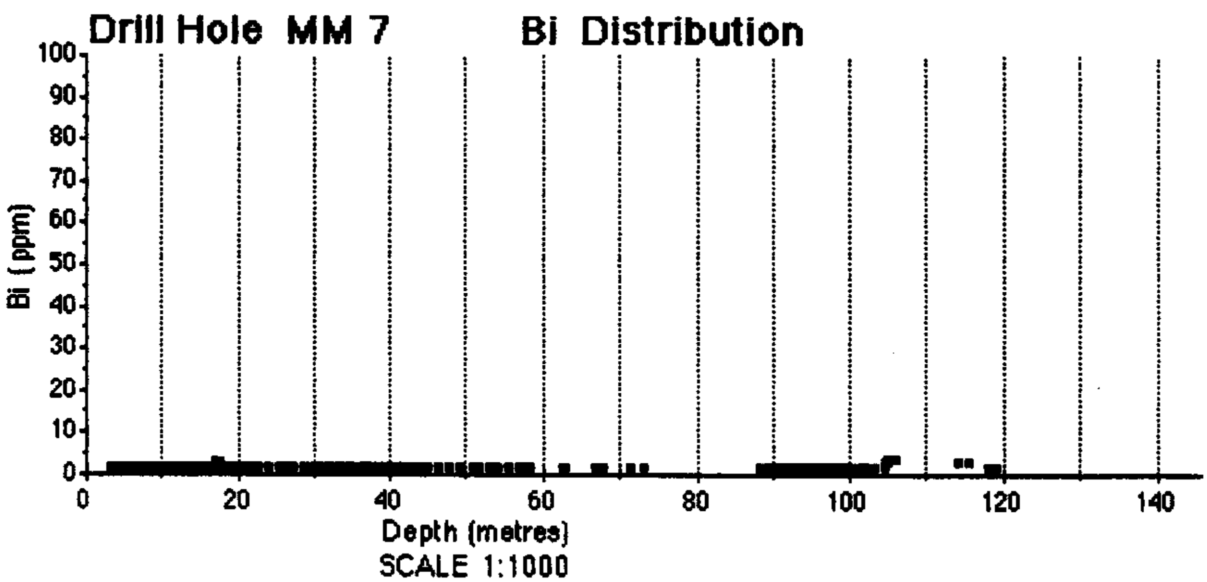



Drill Hole MM 7 Pb Distribution
Pb (ppm)
140
120
100
80
60
40
20
0
0
20
40
60
80
100
120
140
Depth (ppm)
SCALE 1:1000

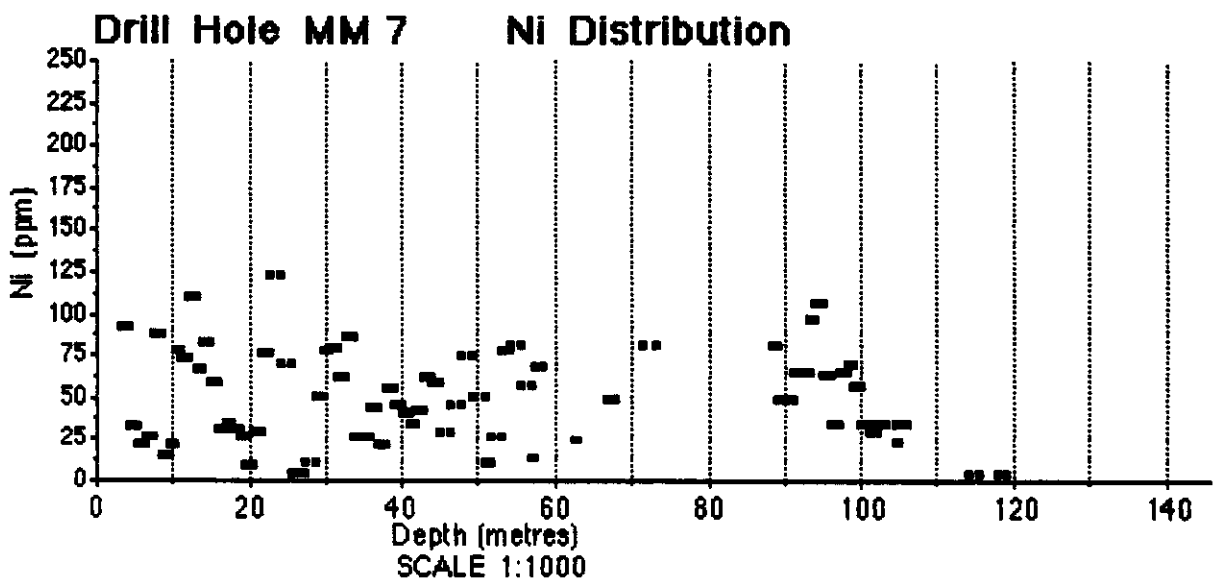

Drill Hole MM 7
Zn Distribution
Zn (ppm)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000

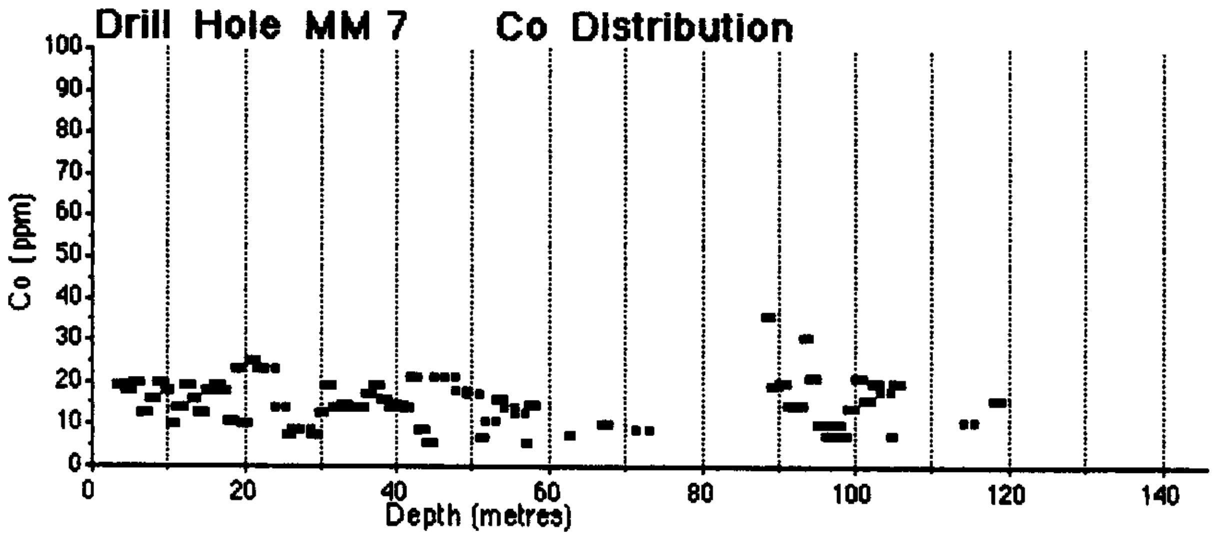


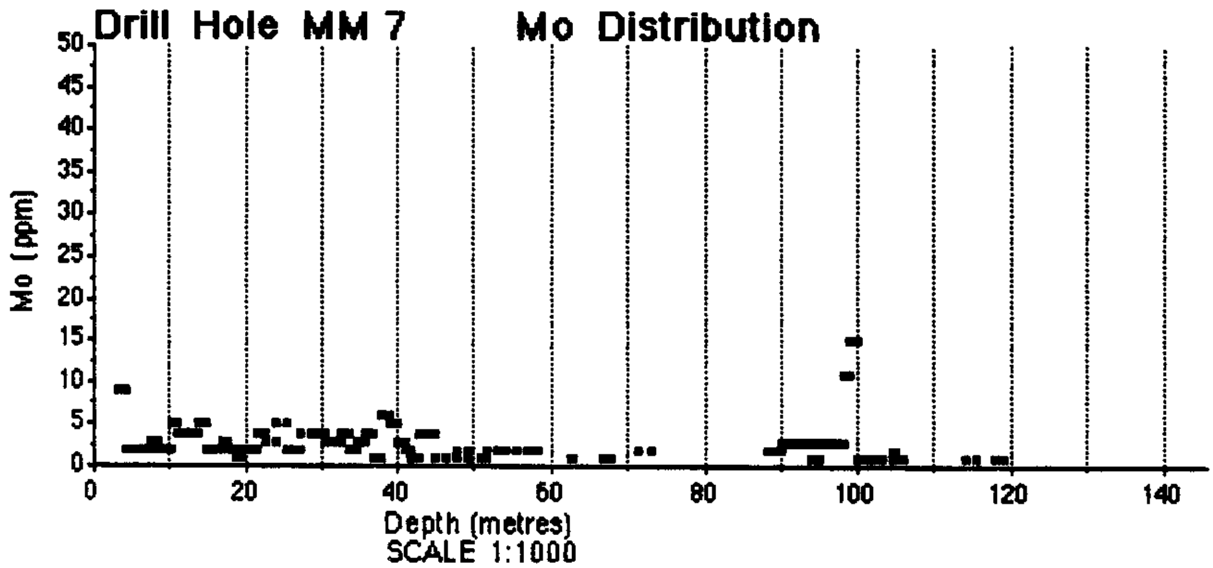
Drill Hole MM 7 As Distribution
2000
1800
1600
1400
1200
1000
800
600
400
200
0
As (ppm)
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000



Drill Hole MM 7 Bi Distribution
100
90
80
70
60
50
40
30
20
10
0
Bi (ppm)
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000


Drill Hole MM 7 Ni Distribution
Ni (ppm)
250
225
200
175
150
125
100
75
50
25
0
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000


Drill Hole MM 7 Co Distribution
Co (ppm)
0
10
20
30
40
50
60
70
80
90
100
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000



Drill Hole MM 7 Mo Distribution
Mo (ppm)
50
45
40
35
30
25
20
15
10
5
0
0
20
40
60
80
100
120
140
Depth (metres)
SCALE 1:1000

Drill Hole No. MM-8

Location: 690m North
420m West
835m Elevation

Azimuth: 180°
Dip: -70°
Length: 104.53 m

Started: July 29,1991
Finished: July 29, 1991

Logged by: J J Watkins
July 31, 1991

Contractor: J T Thomas

---

0 -1.82: Casing

1.82-27.75: **Siliceous rock**: strgly sil'd, protolith??, mafic volc? w intra ch, bd & frac controlled biotite thru, meta grade high, 1 to 5% diss Py thru.
13.20-13.30: felsic dy, granitic, fg, @ 45°.
14.05-14.20: felsic dy, granitic, fg, @ 45°.
19.70-21.60: msv meta mafic, hornfelsed, tc sh'd 30°, lc sharp @ 45°.
At 26.60: 5cm ox'd sh @ 40°.
lc grad.

27.75-30.60: **Monzonite**: cg, msv, < 1% diss Py.
30.10-30.20: crmy ch w sh'd cts @ 30°, no sulp.

30.60-34.50: **Mafic volcanic**: 80% hornfelsed mafic w meta bl'd irreg Q+biot stwk, 20% crmy ch, lc ragged @ 50°.

34.50-35.90: **Monzonite**: cg, msv, <1% diss Py, lc sharp @ 60°.

35.90-49.80: **Intracalated mafic flow & chert**: hornfelsed, crmy ch, vnlets & stwk now biotitic, 3% diss Py, lc bkn @ 60°.

49.80-50.20: **Granite**: cg, FP, msv, biotitic,2% diss Py, lc sharp @ 60°.

50.20-50.90: **Metamafic volcanic?**: sil'd, irreg vnlets+haloes, 2% Py, lc sharp @ 60°.

50.90-52.90: **Metamafic schistose**: @ 60°, biot-rich, mafic P?,3% diss Py.

52.90-53.20: **Granite**: cg, lc bkn sharp @ 60°.

53.20-54.40: **Metamafic volcanic?**: sil'd w crmy ch, biot-rich, 3% dissPy.

54.40-55.00: **Feldspar porphyry granite**: msv, 2% diss Py, lc sharp 40°.

55.00-68.20: **Meta Intra Mafic+Ch**: sil'd w crmy ch, bd'd @ 60°, 3% to loc 5% Py(Po?), lc sharp @ 70°

68.20-68.55: **Feldspar porphyry granite**: msv, 2% diss Py, lc sharp 70°.

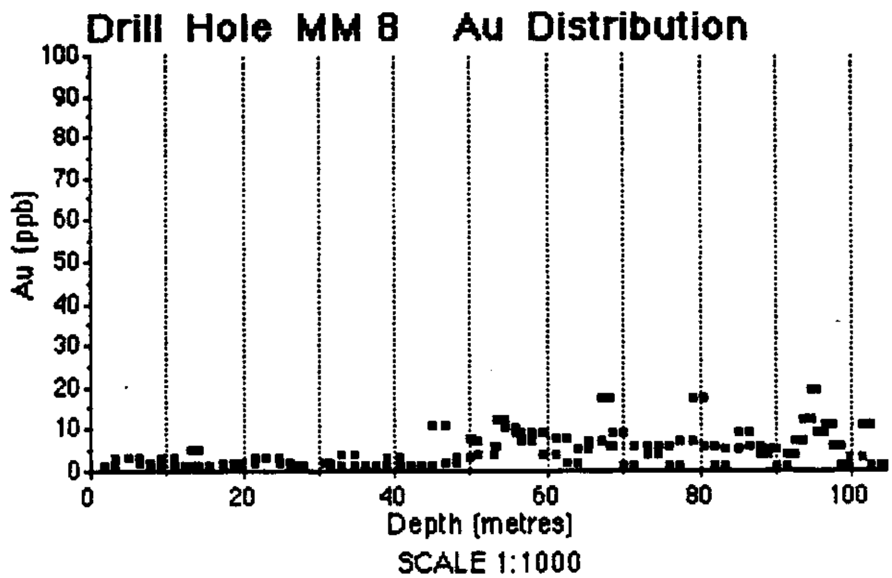
68.55-98.80: **Altered mafic volcanic**: meta grade lower & same as earlier holes,dk green mafic decreasing to pervasive ser w sil'd secs, Po(Cp) to 3%.

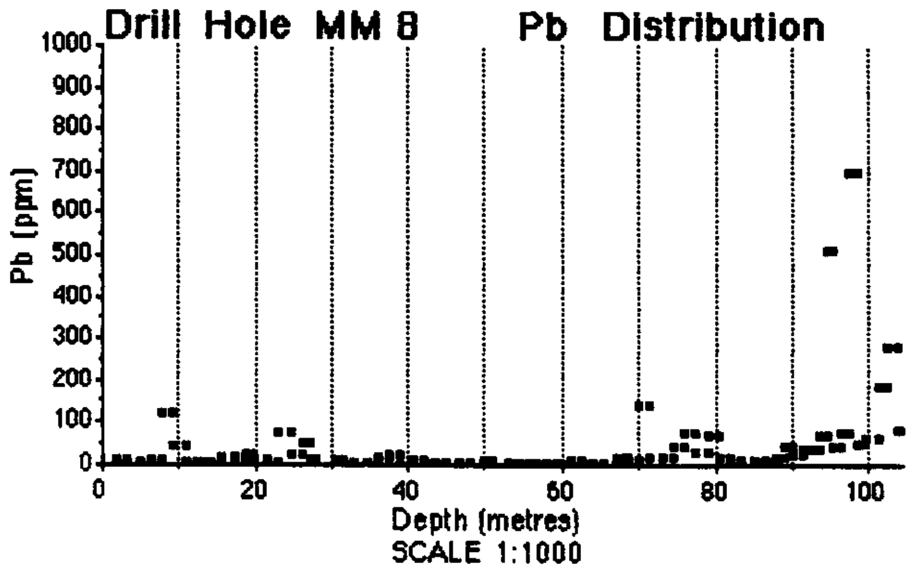
98.80-104.53: **Altered mafi volcanic?**: as before but w scatt rem dk gry sed.
103.80-104.53: badly bkn, flt?

104.53 **END**

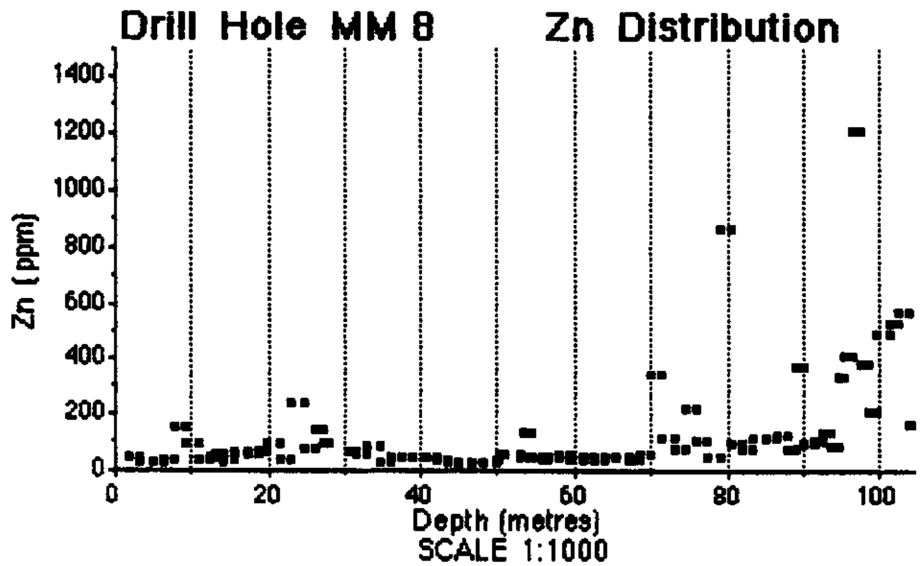
SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1643A	1.82	3.30	1.48	1	0.7	82	12	45	2	5	2	29	12	7	1
1644	3.30	4.80	1.50	3	0.8	114	6	31	2	5	4	34	17	2	3
1645	4.80	6.30	1.50	3	0.6	94	6	28	2	5	2	27	16	2	3
1646	6.30	7.80	1.50	2	0.8	132	10	35	2	2	4	32	18	2	2
1647	7.80	9.30	1.50	1	1.3	73	122	156	2	4	2	29	9	2	1
1648	9.30	10.80	1.50	3	1.0	70	43	92	2	12	2	24	9	2	3
1649	10.80	12.30	1.50	1	0.5	76	5	38	2	6	2	27	9	1	1
1650	12.30	13.00	0.70	1	0.6	86	5	47	2	6	2	27	7	1	1
1651	13.00	14.05	1.05	5	0.8	105	8	56	2	4	2	50	15	1	5
1652	14.05	14.20	0.15	1	0.4	39	6	29	2	3	2	12	3	1	1
1653	14.20	15.70	1.50	1	0.7	109	6	34	2	5	2	19	7	2	1
1654	15.70	17.20	1.50	1	0.8	104	20	67	2	4	4	53	17	16	1
1655	17.20	18.70	1.50	2	0.7	87	8	60	2	2	4	50	14	14	2
1656	18.70	19.70	1.00	1	0.8	62	28	68	2	7	2	29	9	2	1
1657	19.70	21.60	1.90	2	1.2	128	10	93	3	6	4	31	20	1	2
1658	21.60	23.10	1.50	3	0.7	85	6	39	2	4	2	37	9	1	3
1659	23.10	24.60	1.50	3	1.5	131	80	242	2	8	4	56	24	2	3
1660	24.60	26.10	1.50	2	1.0	100	25	81	2	5	2	27	15	2	2
1661	26.10	27.10	1.00	1	1.0	73	53	144	2	13	2	9	9	1	1
1662	27.10	27.75	0.65	1	0.6	58	15	94	2	3	2	12	8	1	1
1663	30.60	31.50	0.90	2	0.5	61	11	63	2	3	2	35	11	2	2
1664	31.50	33.00	1.50	1	0.7	91	6	61	2	3	3	37	20	1	1
1665	33.00	34.50	1.50	4	0.8	107	9	87	2	2	2	42	22	1	4
1666	34.50	36.00	1.50	1	0.4	44	8	33	2	2	2	11	8	2	1
1667	36.00	37.50	1.50	1	1.1	122	17	50	2	5	3	35	18	2	1
1668	37.50	39.00	1.50	1	1.0	108	27	48	2	5	3	36	14	2	1
1669	39.00	40.50	1.50	3	0.6	101	2	52	2	5	2	45	20	1	3
1670	40.50	42.00	1.50	1	0.7	88	12	46	2	7	2	28	10	1	1
1671	42.00	43.50	1.50	1	0.5	70	7	42	2	3	2	28	9	1	1
1672	43.50	45.00	1.50	1	0.4	82	8	28	2	2	2	31	11	1	1
1673	45.00	46.50	1.50	11	0.4	81	2	24	2	5	2	38	17	1	1
1674	46.50	48.00	1.50	2	0.3	67	7	26	2	4	2	26	11	1	2
1675	48.00	49.80	1.80	3	0.2	45	4	26	2	2	2	23	10	1	1
1676	49.80	50.20	0.40	8	0.4	51	11	35	2	2	2	14	7	1	2
1677	50.20	50.90	0.70	7	0.9	255	11	58	2	9	2	44	17	1	2
1678	50.90	52.90	2.00	4	0.8	165	3	56	2	4	2	48	22	1	2
1679	52.90	53.20	0.30	6	0.2	36	6	44	2	2	2	12	11	1	1
1680	53.20	54.40	1.20	12	0.4	81	4	130	2	2	2	35	14	1	1
1681	54.40	55.80	1.40	10	0.5	47	3	49	2	4	2	25	10	1	1
1682	55.80	56.50	0.70	9	0.3	39	9	38	2	2	2	12	4	1	1
1683	56.50	58.00	1.50	7	0.5	72	2	44	2	4	2	50	15	1	1
1684	58.00	59.50	1.50	9	0.6	97	5	55	2	13	2	39	12	1	1
1685	59.50	61.00	1.50	4	0.7	110	6	35	2	7	2	49	13	6	1
1686	61.00	62.50	1.50	8	0.6	102	15	50	2	7	2	32	12	3	1
1687	62.50	64.00	1.50	2	0.3	83	7	37	2	8	2	29	13	2	1
1688	64.00	65.50	1.50	5	0.6	69	6	46	2	8	2	30	14	1	1
1689	65.50	67.00	1.50	7	0.5	82	5	49	2	20	2	25	11	1	1
1690	67.00	68.20	1.20	17	0.7	75	17	36	2	10	2	28	12	2	1
1691	68.20	68.55	0.35	6	0.2	30	17	35	2	2	2	10	6	1	1
1692	68.55	70.00	1.45	9	0.3	63	14	61	2	8	2	29	9	3	1
1693	70.00	71.50	1.50	1	1.7	96	142	350	8	32	2	45	13	2	1
1694	71.50	73.00	1.50	6	1.0	105	21	118	3	9	2	44	18	1	1
1695	73.00	74.50	1.50	4	1.1	102	21	75	6	17	2	65	15	34	1
1696	74.50	76.00	1.50	6	1.0	114	43	224	3	15	2	31	18	11	1
1697	76.00	77.50	1.50	1	0.9	132	77	108	33	14	2	32	15	1	1
1698	77.50	79.00	1.50	7	1.0	76	29	50	35	34	2	53	10	20	1
1699	79.00	80.50	1.50	17	1.9	96	71	865	62	217	2	50	15	13	1
1700	80.50	82.00	1.50	6	1.0	75	18	97	3	17	2	19	10	1	1
1701	82.00	83.50	1.50	1	0.6	89	9	80	2	11	2	38	21	1	1
1702	83.50	85.00	1.50	5	0.5	81	13	120	5	12	2	23	12	1	1
1703	85.00	86.50	1.50	9	0.8	90	14	120	5	22	2	30	13	1	1
1704	86.50	88.00	1.50	6	0.9	108	12	129	2	99	2	25	14	1	1
1705	88.00	89.10	1.10	4	0.7	117	17	80	2	59	2	34	15	3	1
1706	89.10	90.10	1.00	5	1.0	84	43	375	8	115	2	23	13	1	1
1707	90.10	91.40	1.30	1	0.8	88	27	93	4	61	2	37	13	13	1
1708	91.40	92.50	1.10	4	1.2	101	37	108	3	27	2	40	18	4	1
1709	92.50	93.50	1.00	7	1.6	121	39	135	6	50	2	37	16	7	1
1710	93.50	94.50	1.00	12	4.0	122	68	91	10	140	2	41	17	7	1
1711	94.50	95.50	1.00	19	3.4	60	516	332	433	742	2	41	10	6	1
1712	95.50	96.50	1.00	9	2.1	66	48	413	99	235	2	72	20	71	2
1713	96.50	97.50	1.00	11	2.4	137	77	1213	112	90	2	85	15	34	3
1714	97.50	98.50	1.00	6	3.7	119	699	380	243	49	2	101	18	94	1
1715	98.50	99.50	1.00	1	1.4	121	53	209	15	28	2	71	14	57	1

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1716	99.50	101.50	2.00	3	1.1	96	66	488	57	30	2	61	14	34	1
1717	101.50	102.50	1.00	11	1.5	77	188	529	70	19	2	48	10	4	1
1718	102.50	103.80	1.30	1	2.3	91	283	563	75	37	2	47	12	9	1
1719	103.80	104.53	0.73	1	1.1	57	85	161	46	42	2	34	15	7	1

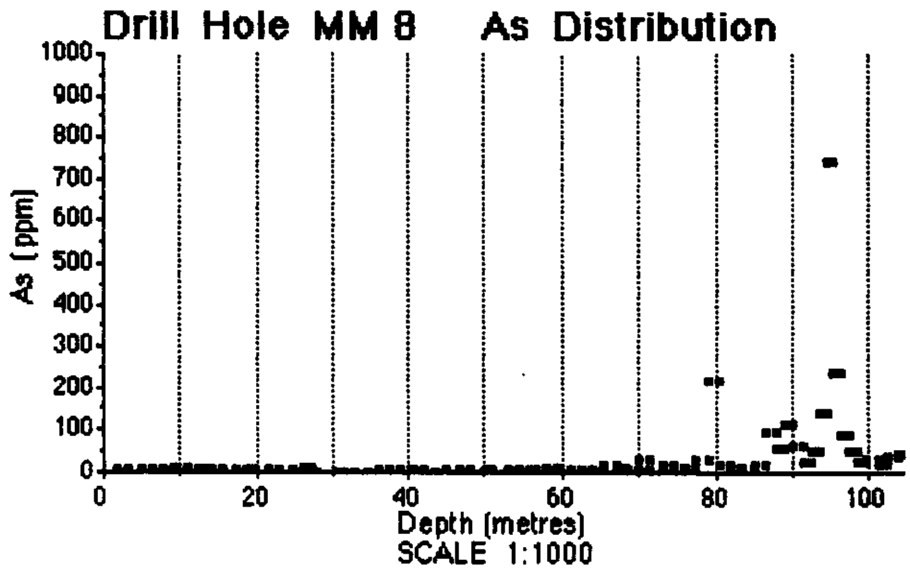

Drill Hole MM 8 Au Distribution
100
90
80
70
60
50
40
30
20
10
0
Au (ppb)
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000



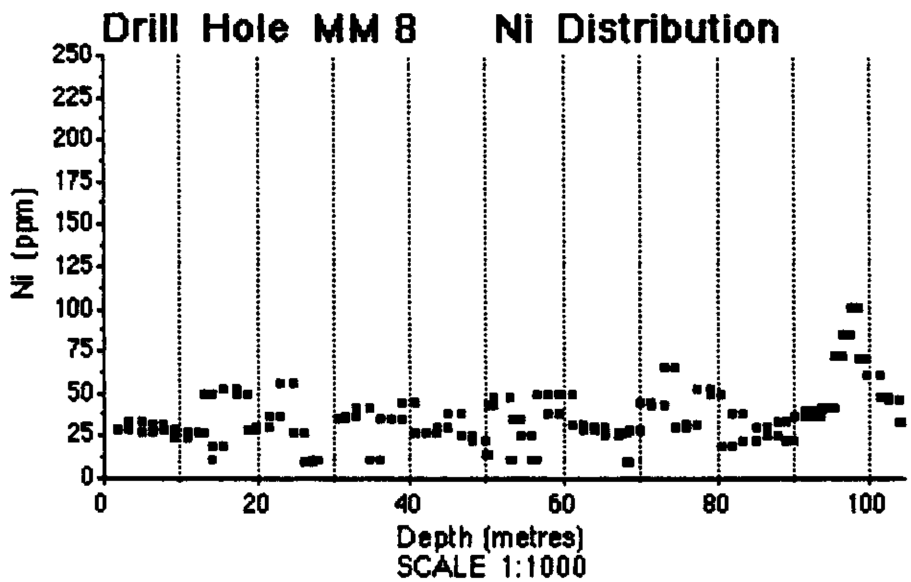
Drill Hole MM 8 Pb Distribution
Pb (ppm)
1000
900
800
700
600
500
400
300
200
100
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000



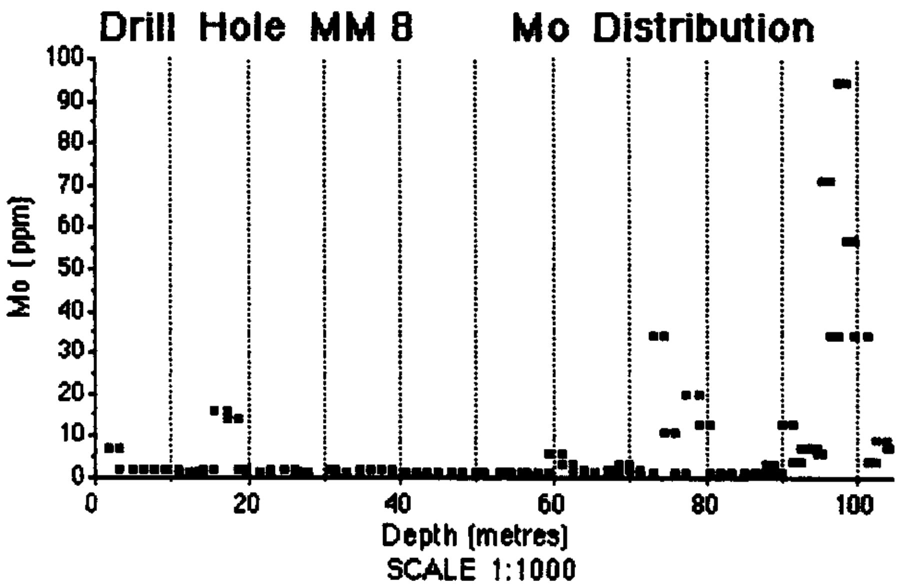
Drill Hole MM 8 Zn Distribution
Zn (ppm)
1400
1200
1000
800
600
400
200
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000



Drill Hole MM 8 As Distribution
As (ppm)
1000
900
800
700
600
500
400
300
200
100
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000



Drill Hole MM 8 Ni Distribution
Ni (ppm)
250
225
200
175
150
125
100
75
50
25
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000


Drill Hole MM 8 Mo Distribution
Mo (ppm)
100
90
80
70
60
50
40
30
20
10
0
0
20
40
60
80
100
Depth (metres)
SCALE 1:1000

Drill Hole No. MM-9

Location: 690m North
420m West
835m Elevation

Azimuth: 225°
Dip: -60°
Length: 90.60 m

Started: July 29,1991
Finished: July 31, 1991

Logged by: J J Watkins
August 14, 1991

Contractor: J T Thomas

---

0 -17.50: **Metasilicified sediment**: super siliceous stwk & vn'd sed?, metasilification imposed on stwk of Q+bio+ Py(7%), wk pat ser, intervals of poss maficvolc, bd 45°-10°.

17.50-48.25: **Metamafic volcanic**: meta on alt'd mafic that is strgly sil'd grading to wk sil'd w the appearance of rem fg biotite.
20.45-20.85: alt'd fel dy w sharp cts @ 35°, 1-2% diss Py in mott pat w f white fds defining crse stwk.
34.80-36.50: poss biotite hl'd sh centered on 10-20cm bk'n section @ 35.40 sh'd @ 20°-30°.
At 36.50: first appearance of mg mafic.
At 41.80: first appearance of diss fg magn.
lc bk'n.

48.25-51.30: **Feldspar porphyry granite**: msv, mg-cg, scatt narrow shs @ 40°, 1% diss py, lc vaque @ 45°.

51.30-55.80: **Meta Mafic Volc**: w wk Py(3%), diss magn, lc sharp irreg.
55.00-55.20: FP Granite dy @ 45°, tc sh'd @35°.

55.80-70.50: **Feldspar porphyry granite**: msv, 1% diss Py, rare scatt Q-rich sections to 20cm, diss magn, lc sharp @ 40° w 1cm bull Q vn.

70.50-74.60: **Metamafic volcanic?**: biot hl'd w 20% crmy ch, < 1% diss Py, 10% calc vning, diss magn, lc grad.

74.60-75.90: **Feldspar porphyry granite**: as before, cts grad.

75.90-78.50: **Metamafic volcanic?**: biot hl'd w 20% bl'd sections w biot stwk, <1% Py, diss magn, 5% crmy ch, 5% calc vning.

78.50-82.30: **Feldspar porphyry granite**: as before.
78.50-79.20: w mafic zenos in Q-rich gdmss, lc bk'n.

82.30-83.40: **Metamafic volcanic?**: as before, lc bk'n.

83.40-85.40: **Feldspar porphyry granite**: as before, lc grad.

85.40-90.60: **Silicified mafic volcanic?**: strg sil'd crmy grey.
To 88.50: 5% vnlet Po.
88.50-90.60: sil'd mafic (Po).

90.60 **END**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1720	15.50	16.50	1.00	2	0.8	101	23	245	2	7	2	34	12	2	1
1721	16.50	17.50	1.00	3	0.5	83	7	388	2	7	2	39	13	2	1
1722	19.00	20.45	1.45	1	0.3	46	13	56	2	4	2	16	5	2	1
1723	20.45	20.85	0.40	2	0.2	20	11	18	2	2	2	11	2	3	1
1724	20.85	22.00	1.15	6	0.6	143	8	52	2	4	3	35	11	1	1
1725	33.80	34.80	1.00	1	0.4	92	5	28	2	3	3	34	16	5	1
1726	34.80	35.50	0.70	1	0.4	82	4	29	2	5	2	56	17	17	1
1727	35.50	36.50	1.00	1	0.5	133	2	33	2	4	2	56	17	18	1
1728	36.50	37.50	1.00	1	0.4	80	2	42	2	3	2	29	11	2	1
1729	85.40	86.40	1.00	4	0.6	98	11	48	2	3	2	35	11	5	1
1730	86.40	87.40	1.00	1	1.0	154	36	40	2	28	3	32	11	2	1
1731	87.40	88.40	1.00	1	1.0	104	28	50	2	87	2	32	13	2	1

Drill Hole No. MM-10

Location: 545 m North
050 m East
775 m Elevation

Azimuth: 120°
Dip: -70°
Length: 244.80 m

Started: Sept 19,1991
Finished: Sept 22, 1991

Logged by: J J Watkins
Sept 23, 1991

Contractor: J T Thomas

0-1.51 Casing

1.51-7.45: **Altered Intrusive**: bleached with scattered 1-2 mm pseudo feldspar phenos, 1-2 mm mineralized fractures most at 30°-40° with bleached carbonate altered halos, scattered moderate silicified, to 5% Py(Po), 1-2% Asp, tr Cp., lower contact vaque.

7.45-12.00: **Silicified black argillite**: with 10% calcite+quartz veining most at 65°, weak graphite on fracture surfaces, broken at 70°, trace sulphides, lower contact gradational.

12.00-13.55: **Altered sediment?**: bleached liht to medium grey, carbonate altered, 10% irregular quartz-carbonate veining, scattered remnant black argillite, vaque bedding at 60°, lower contact sharp broken at 50°.

13.55-20.40: **Massive diorite (granodiorite)**: fine grained, weak bleached, 1-3 mm Po+calcite veining most at 55° with strong bleached halos to 1 mm, 10% Po, lower contact (lc) sharp with .5 cm calcite vein at 80°.

20.40-22.45: **Argillite**: 60% black, silicified, 40% medium grey, 5% fine irregular calcite veining, 2% disseminated Py most to lower contact, lower contact (lc) sharp against dike at 20°.

22.45-23.75: **Feldspar porphyry dike**: fresh, contacts sharp at 20°, zoned feldspars to 5 mm.

23.75-23.95: **Argillite**: as before, 3% Py, lower contact broken.

23.95-24.70: **Altered intrusive**: intermediate in composition, bleached with moderate carboate thru, vaque feldspar clusters, 2% very fine Py, minor coarse Py, lc broken at 45°.

24.70-26.45: **Argillite**: as before, broken thru at 60°, 20% grey silicious stockwork, 3% diss Py, lc sharp but ragged.

26.45-26.70: **Altered intrusive**: as before, trace of very fine Py, lc sharp broken at 70°.

26.70-26.95: **Argillite**: black, silicified, minor graphite, 1% Py, lc broken sdharp at 70°.

26.95-27.25: **Altered intrusive**: as before, trace of very fine Py, lc sharp broken at 70°.

27.25-28.25: **Argillite**
To 27.50: black, silicified, broken at 70°, 5% Po.
From 28.25: becomes strongly silicified with 10% Po in irregular patches and stockwork, 10% calcite, lc 1cm calcite vein at 80°.

28.25-42.60: **Diorite**: fine to medium grained, massive with bleached Po-rich veins most at 60° to 5mm, 10% Po, trace of Cp, lc fine grained over 1 m and broken sharp at 30°.
At 34.20: 10 cm shear at 30°.
At 36.80: 1 cm shear at 40°.

42.60-44.85: **Argillite?**: silicifiedm remnant dark grey sediment best to lc, carbonate altered, 1% Po, lc broken.

44.85-51.10: **Pyroxene porphyry intrusive?**: massive, pyroxenes now biotite altered, weakly bleached, 10% irregular calcite veining, 5% patchy Po, trace of Cp, lc hazy at 60°.

51.10-52.60: **Altered breccia**: creamy grey silicified fine grained with 20% grey stockwork, lc broken.
51.55-51.70: insitued fractured, strong carbonate altered.

52.60-59.55: **Altered granodiorite**: medium grained, massive, well developed vein stockwork most at 45-50°, distinct bleached halos on veins, veins to 5mm, veins calcite filled, Po and minor chlorite filled, lc vaque.
At 58.95: 1 cm shear at 10-20° with quartz carbonate + 40% Asp.

59.55-61.70: **Siliceous breccia**: similar to 51.10-52.60 with intervals of strong carbonate altered groundmass, < 1% Py.

61.70-63.90: **Andesite?**: dark green, silicious, 5% irregular Po-rich veinlets with narrow bleached halos, 10% calcite veins., lc sharp at 45°.

63.90-72.40: **Altered volcanic??**: fine grained, creamy grey, strong pervasive carbonate, metamorphic? sericite? spotted best from 68.10-72.40.
At 66.10: 10 cm 40% Po in carbonate host, loos like intrafloe replacement of hyaloclastite, scattered creamy siliceous sections to 20 cm.
68.10-72.40:strongly altered flow breccia, lc 5 cm carbonate shear at 40°.

72.40-125.70: **Altered volcanic**: strong local carbonate altered with sections of remnant dark green andesite?, scattered creamy siliceous sections.
74.00-77.00: weak grading to moderate carbonate rich foliation at 60°.
80.20-81.00: meely texturedwith fine feldspars, irregular chlorite+ calcite +3% Po.
At 82.40: 10 cm creamy siliceous in 30 cm cherty section with 10% Po+ chlorite+ quartz carbonate veinlets to 0.5 cm.
85.60-86.00: cremy siliceous with weak sericite,5% Po with carb veinlets.
At 86.00: *1 cm carb shear at 80°.*
90.10-91.60: creamy siliceous, carb altered to depth, 3% Po, trace Cp.
98.00-99.20: strongly silicified creamy grey with very fine grained Py.
At 103.60: strong 5 cm carb quartz shear at 25°.
105.30-107.65: creamy silicified grading to bleached with carb alteration, trace Py, top contact (tc) sharp at 60°, at lc 10 cm with 60% calcite veining at 80°.
107.65-110.50: dark green with 10% calcite veining + moderate pervasive carb.
110.50-111.15: **altered intrusive?**: silicified, weak chlorite in veins, vaque feldspar phenos, weak sericite, contacts sharp at 80°, <1% Asp in chlorite veins.
111.15-111.95: strong chlorite grading to strong pervasive carb, lc sharp at 60° against strong chlorite.
111.95-119.90: weak to moderate chlorite with scattered strong chlorite, 30% patchy carb.
119.90-120.15: calcite-rich vein with 20% strong chlorite fragments?, sharp contacts at 45°.
120.15-125.70: strong carb altered with remnant fresh andesite, could be pyroxene phenocrysts psuedomorphed with chlorite
lc sharp at 80°.

125.70-136.70: **Silicified unit**: strong pervasive siliceous, dark to creamy grey, patchy carb altered, *intervals to 1 m of dark grey siliceous stockwork, 2% patchy* Po with rare chlorite+calcite veins with Po, lc gradational.

136.70-153.70: **Andesite**: weak chlorite altered with creamy siliceous and bleached sections, 5-10% calcite veins, rare patchy Po <1%, lc sharp with 10 cm calcite+quartz veins at 40°.

153.70-157.25: **Silicified unit**: strong creamy grey pervasive siliceous, 20% white quartz veinlets, 1% fine Py, 1% coarse Po, lc broken.

157.25-166.60: **Andesite**: dark green, chloritic with 30% moderate to strong pervasive silica, 20% irregular quartz veins, <1% patchy Po, lc broken.

166.60-171.10: **Altered andesite**: moderate pervasive silicified, 10% irregular calcite veins, medium grey patchy remnant dark green andesite, 1% Po, trace Cp.

171.10-176.30: **Andesite**: dark green chloritic with 20% pervasive carb, <1% Po,local patchy slicification, lc broken.

176.30-177.20: **Fault**: broken and sheared at 30° best at tc and lc, lc with gouge, host is light green grey with 20% calcite veins, 10% whispy chlorite, pervasive calcite, 1% PO, lc broken.

177.20-185.30: **Silicified unit**: strongly silicified, andesite?, no carb, massive, fine hairline fractures, 2% disseminated and fine fracture filled Po and trace Cp, lc gradational.

185.30-186.30: **Andesite**: dark green, fresh with 10% irregular calcite veining, 2% Po better to lc.

186.30-201.80: **Silicified unit** : andesite? medium grey to light grey, 10-20% white quartz veins with local in-situ breccia.
187.70-188.20: broken and sheared at 30°.
188.20-193.55: weak sericite, 2% patchy Po, fine Asp to 10% over 20 cm at 188.70 and 199.20.

201.80-204.30: **Andesite?**: medium green, moderate pervasive carb, 2% Po.
203.40-204.30: 10% coarse grained Asp, lc sharp shear at 30°.

204.30-207.50: **Andesite**: silicified, creamy grey, weak sericite, 10% irregular quartz veins fractured through at 15°, 2% fine Py, lc distinct at 80°.

207.50-220.90: **Andesite?**: fine grained with fine in-situ stockwork, weak sericite, weak to moderate silicified, 1% Po best to tc, lc broken sharp at 70°.

220.90-224.20: **Altered intrusive**: strongly bleached with pervasive carb, silicified with hazy fine to medium grained intrusive texture. 2cm scattered round mafic xenoliths, 3% fine py, rare hairline Po veinlets.

224.20-227.80: **Pyroxene porphyry**: dark green, altered pyroxene phenos to 1mm, fine feldspars, strong pervasive carb, 105 calcite veins, trace Py, lc sharp at 40°.

227.80-244.82: **Silicified unit**: probably andesite, light to dark grey, fine, weak in-situ fractured, moderate pervasive carb, 5% calcite veins, scattered quartz veinlets, 5% disseminated and patchy Po, trace Cp.

224.82 **EOH**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1732	1.51	2.50	0.99	**140**	3.0	438	44	64	4	**4231**	8	30	45	3	1
1733	2.50	3.50	1.00	75	1.5	335	10	40	6	**565**	4	29	13	1	1
1734	3.50	4.50	1.00	**520**	1.8	100	24	35	2	**2886**	8	5	25	1	1
1735	4.50	5.50	1.00	31	1.7	244	20	38	2	467	5	4	6	1	1
1736	5.50	6.50	1.00	128	0.6	222	7	29	2	22	3	3	3	2	1
1737	6.50	7.45	0.95	21	0.8	249	7	32	2	295	4	9	7	2	1
1738	13.55	14.50	0.95	17	1.2	**647**	5	41	2	32	6	17	12	2	1
1739	14.50	15.50	1.00	8	0.3	107	3	42	2	6	2	3	9	2	1
1740	15.50	16.50	1.00	22	0.6	249	9	43	2	32	4	9	15	2	1
1741	16.50	17.50	1.00	58	0.4	201	5	39	2	13	3	2	14	1	1
1742	17.50	18.50	1.00	12	0.7	390	4	38	2	3	4	3	15	1	1
1743	18.50	19.50	1.00	10	0.7	367	5	32	2	5	5	8	13	2	1
1744	19.50	20.40	0.90	7	0.7	272	6	39	2	35	4	6	11	2	1
1745	27.25	28.25	1.00	**140**	0.8	**578**	4	**2361**	8	**3705**	6	37	31	2	13
1746	28.25	29.25	1.00	95	0.8	**673**	3	56	2	41	7	4	17	2	1
1747	29.25	30.25	1.00	34	0.6	326	7	38	2	42	7	3	19	2	1
1748	30.25	31.25	1.00	86	0.4	267	7	42	2	16	6	1	14	1	1
1749	31.25	32.25	1.00	92	0.7	296	4	74	2	26	4	1	14	1	1
1750	32.25	33.25	1.00	9	0.3	130	2	63	2	26	2	2	13	2	1
1751	33.25	34.25	1.00	21	0.5	204	5	43	2	11	4	1	12	1	1
1752	34.25	35.25	1.00	91	2.3	**529**	51	39	2	**633**	7	2	32	1	1
1753	35.25	36.25	1.00	20	1.4	**546**	9	40	2	10	6	1	14	1	1
1754	36.25	37.25	1.00	**230**	2.4	**676**	23	44	2	161	9	1	20	1	1
1755	37.25	38.25	1.00	41	0.8	336	5	41	2	107	6	2	14	2	1
1756	38.25	39.25	1.00	44	0.9	272	8	46	2	4	5	1	9	2	1
1757	39.25	40.25	1.00	53	0.5	287	5	31	2	6	5	1	10	1	1
1758	40.25	41.25	1.00	32	0.8	399	3	87	2	14	5	2	13	3	1
1759	41.25	42.00	0.75	21	0.7	325	2	42	2	50	4	1	12	1	1
1760	42.00	42.60	0.60	12	0.4	178	5	61	2	5	2	2	8	2	1
1761	44.85	46.00	1.15	11	0.3	144	3	37	2	94	2	64	25	1	1
1762	46.00	47.00	1.00	36	0.5	168	2	37	2	176	4	73	21	1	1
1763	47.00	48.00	1.00	45	0.3	96	3	46	2	135	4	56	15	1	1
1764	48.00	49.00	1.00	69	0.5	177	2	38	2	384	4	45	20	1	1
1765	49.00	50.00	1.00	**106**	0.4	246	3	34	2	273	6	55	19	1	1
1766	50.00	51.00	1.00	88	0.4	169	5	33	2	291	6	59	14	1	1
1767	51.00	52.60	1.60	11	0.1	67	2	15	2	84	2	73	8	7	1
1768	52.60	53.60	1.00	29	2.1	492	15	57	2	192	3	8	14	3	1
1769	53.60	54.60	1.00	45	1.7	**539**	8	59	2	132	3	3	11	2	3
1770	54.60	55.60	1.00	41	1.6	**552**	11	58	2	103	3	3	10	3	3
1771	55.60	56.60	1.00	**123**	1.1	324	16	46	2	482	6	1	21	2	2
1772	56.60	57.60	1.00	**241**	2.9	409	47	61	2	**978**	13	1	20	1	1
1773	57.60	58.60	1.00	49	1.9	**840**	19	53	2	292	5	2	11	4	3
1774	58.60	59.55	0.95	**515**	0.9	155	11	39	2	**4669**	9	1	25	2	2
1775	59.55	60.60	1.05	13	0.3	89	16	47	2	316	2	15	8	2	1
1776	60.60	61.70	1.10	16	0.3	73	9	34	2	75	2	36	14	3	1
1777	61.70	62.80	1.10	56	0.5	135	15	69	2	**1262**	3	20	16	2	1
1778	62.80	63.90	1.10	9	0.8	245	11	43	2	29	2	24	14	1	2
1779	63.90	65.00	1.10	5	0.2	87	2	19	2	8	2	64	6	5	1
1780	65.00	66.00	1.00	14	0.3	168	3	20	2	2	2	89	14	6	1
1781	66.00	67.00	1.00	3	0.2	100	4	27	2	12	2	98	8	5	2
1782	67.00	68.00	1.00	13	1.1	207	49	77	2	2	2	80	13	5	1
1783	68.00	69.00	1.00	5	0.6	228	2	27	2	19	2	114	18	7	1
1784	69.00	70.00	1.00	6	0.8	293	2	34	2	26	2	108	19	6	2
1785	70.00	71.00	1.00	10	0.8	182	5	8	2	8	2	82	14	6	1
1786	71.00	71.80	0.80	**390**	3.7	171	25	370	2	24	2	100	14	9	1
1787	71.80	72.40	0.60	**440**	2.5	235	31	81	2	250	2	205	28	14	1
1788	80.20	81.00	0.80	13	0.3	191	4	38	2	22	2	35	14	1	1
1789	85.60	86.00	0.40	3	0.2	76	6	42	2	55	2	33	7	3	2
1790	90.10	91.60	1.50	6	0.21	78	5	32	2	39	2	61	8	3	1
1791	105.30	106.30	1.00	1	0.7	199	18	42	2	14	2	40	11	2	1
1792	106.30	107.65	1.35	3	0.1	125	7	35	2	7	2	14	7	2	1
1793	110.50	111.15	0.65	6	0.2	126	2	31	2	2	2	12	6	1	1
1794	111.15	111.95	0.80	6	0.2	180	5	37	2	2	2	31	16	2	1
1795	119.90	120.15	0.25	9	0.1	22	2	39	2	205	2	47	12	2	1
1796	125.70	126.70	1.00	5	0.1	177	2	21	2	18	2	18	12	16	2
1797	126.70	127.70	1.00	8	0.1	191	4	33	2	38	2	98	15	240	2

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1798	127.70	128.70	1.00	1	0.9	164	4	58	2	21	2	19	10	23	1
1799	133.00	134.00	1.00	2	0.5	151	5	32	3	13	2	10	7	3	1
1800	134.00	135.00	1.00	2	0.2	196	2	26	2	8	2	8	8	1	2
1801	135.00	136.00	1.00	8	0.1	205	2	23	2	5	2	7	8	1	2
1802	136.00	136.70	0.70	3	0.4	236	4	32	2	29	2	9	9	4	2
1803	153.70	154.70	1.00	1	0.9	270	3	31	2	5	2	8	8	3	2
1804	154.70	155.70	1.00	1	1.3	323	4	28	2	63	2	11	12	4	1
1805	155.70	156.70	1.00	5	6.6	115	4	22	2	46	2	10	6	5	1
1806	156.70	157.25	0.55	1	0.5	54	2	28	2	23	2	8	4	3	2
1807	166.60	167.60	1.00	4	0.5	171	3	29	2	32	2	11	8	31	2
1808	167.60	168.60	1.00	2	1.1	222	4	53	2	50	2	9	12	16	1
1809	168.60	169.60	1.00	5	0.6	168	2	41	2	6	2	9	8	15	1
1810	169.60	171.10	1.50	2	0.9	229	2	39	2	5	2	9	9	19	3
1811	176.30	177.20	0.90	16	2.0	123	2	56	17	**920**	5	50	10	5	1
1812	177.20	178.20	1.00	4	0.8	46	152	109	6	**1031**	2	26	8	9	1
1813	178.20	180.60	2.40	21	0.9	197	57	92	2	**1416**	4	52	23	**334**	1
1814	180.60	181.60	1.00	1	0.3	170	3	38	2	46	2	19	10	11	2
1815	181.60	182.60	1.00	2	0.3	203	4	33	2	36	2	15	11	19	1
1816	182.60	183.60	1.00	11	0.4	129	2	33	2	16	2	9	7	7	1
1817	183.60	184.60	1.00	14	0.5	260	2	48	2	35	2	12	10	21	1
1818	184.60	186.30	1.70	13	0.8	460	2	35	2	37	2	11	11	16	1
1819	186.30	187.30	1.00	3	3.4	353	**546**	**1698**	2	50	4	23	11	4	7
1820	187.30	188.30	1.00	5	1.4	290	86	262	2	8	2	20	15	10	1
1821	188.30	189.30	1.00	**151**	0.6	196	4	41	2	**16625**	2	24	32	27	1
1822	189.30	190.30	1.00	10	0.4	138	4	37	6	233	3	13	6	7	1
1823	190.30	191.30	1.00	7	0.3	82	5	34	2	234	2	8	5	3	1
1824	191.30	192.30	1.00	9	0.2	39	5	31	2	144	2	5	3	3	1
1825	192.30	193.30	1.00	14	0.7	208	4	37	2	53	2	26	10	7	1
1826	193.30	194.30	1.00	13	2.1	418	4	88	2	6	2	61	18	17	1
1827	194.30	195.30	1.00	27	2.7	348	60	498	4	478	2	67	19	23	1
1828	195.30	196.30	1.00	20	1.5	267	8	168	3	14	2	61	15	8	1
1829	196.30	197.30	1.00	20	0.5	178	4	86	2	5	2	14	8	9	1
1830	197.30	198.30	1.00	26	1.4	404	4	53	2	148	2	8	8	8	1
1831	198.30	199.30	1.00	18	1.3	181	18	81	4	26	2	30	10	9	1
1832	199.30	200.30	1.00	**165**	7.0	94	36	192	3	**8186**	2	46	57	9	1
1833	200.30	201.30	1.00	31	0.7	29	5	56	2	**767**	5	13	7	3	1
1834	201.30	202.30	1.00	5	1.0	183	2	65	2	353	2	15	14	1	1
1835	202.30	203.30	1.00	15	1.5	304	5	76	2	51	2	21	22	1	1
1836	203.30	204.30	1.00	**180**	2.8	229	49	154	4	**19218**	2	33	45	1	1
1837	204.30	205.30	1.00	62	1.9	129	8	106	4	**6485**	2	52	28	16	1
1838	205.30	206.30	1.00	42	0.8	25	2	79	2	**887**	2	16	8	5	1
1839	206.30	207.30	1.00	11	0.4	75	2	46	2	332	2	13	6	5	1
1840	207.30	208.30	1.00	5	0.5	142	5	59	2	106	2	69	15	7	1
1841	220.90	222.00	1.10	5	0.4	126	2	29	3	14	2	9	9	1	1
1842	222.00	223.00	1.00	2	0.7	146	2	30	2	4	2	5	9	1	1
1843	223.00	224.20	1.20	6	0.3	62	2	40	2	9	2	9	6	2	1
1844	227.80	228.80	1.00	12	0.8	191	2	60	2	5	2	40	12	8	1
1845	228.80	229.80	1.00	19	1.8	333	6	112	2	6	2	50	22	12	1
1846	229.80	230.80	1.00	3	0.7	227	2	112	2	3	2	59	12	10	1
1847	230.80	231.80	1.00	4	0.5	268	4	46	2	3	2	64	12	28	1
1848	231.80	232.80	1.00	4	0.5	249	2	46	2	4	2	36	12	8	1
1849	232.80	233.80	1.00	3	0.8	397	2	27	2	2	2	52	16	10	1
1850	233.80	234.80	1.00	4	0.2	69	2	48	2	3	2	42	3	13	1
1851	234.80	235.80	1.00	6	1.0	322	3	39	2	3	2	71	13	14	1
1852	235.80	236.80	1.00	5	0.8	190	4	74	2	5	2	61	8	11	1
1853	236.80	237.80	1.00	3	0.6	220	2	51	2	2	2	67	11	9	1
1854	237.80	238.80	1.00	4	0.5	208	2	27	2	3	2	56	9	13	1
1855	238.80	239.80	1.00	10	0.1	138	2	48	2	24	2	48	9	18	1
1856	239.80	240.80	1.00	4	0.2	171	2	30	2	15	2	38	9	6	1
1857	240.80	241.80	1.00	12	0.6	327	2	37	2	11	2	75	14	7	1
1858	241.80	242.80	1.00	9	1.2	414	2	444	2	11	2	87	22	6	3
1859	242.80	243.80	1.00	8	0.7	205	3	36	2	49	2	89	14	6	1
1860	243.80	244.82	1.02	6	0.5	228	2	21	2	22	2	84	16	6	1

Drill Hole No. MM-11

Location: 545 m North
050 m East
775 m Elevation

Azimuth: 300°
Dip: -55°
Length: 91.50 m

Started: Sept 23,1991
Finished: Sept 24, 1991

Logged by: J J Watkins
Sept 25, 1991

Contractor: J T Thomas

1.82-8.40: **Argillite**: silicified, dark grey with light grey sections, bedded at 40-60°, 3% disseminatd and fine veinlets Po, lc sharp at 75°.

8.40-14.40: **Diorite**: massive, typically fine to medium grained, weak carb altered, tc bleached chill over 20 cm, lc sharp at 80° with 5cm chill.
8.90-9.45: 50% quartz+20% Po veins at 40°.
At 10.60: 5 cm quartz+20% Po vein at 70°.
At 10.95: tight shear at 35°, with 2% disseminated Po.

14.40-27.65: **Argillite**: silicified, black with grey intervals, broken parallel to bedding at 70°.
16.97-18.18: 75 % lost core.
18.18-21.21: 60% lost core.
23.70-24.40: diabase dyke, fresh at 40°.
24.90-25.00: 50% Po as massive veins to 2 cm at 70°.
25.00-25.90: massive creamy silicified.
At 27.20: 10 cm fault breccia at 45°.
27.20-27.65: bedded chert at 45° with 5% Py.

27.65-32.80: **Feldspar porphyry dyke**: fine with fine feldspars through, scattered .5cm calcite+/-Po veinlets at 40°, lc broken.
31.40-32.00: strong silicified with 3% Py in narrow irregular fractures.

32.80-35.90: **Argillite**: black, massive, graphitic, with 20% calcite veins, <1% Py, lc bleached over 40cm and sharp at 70°.

35.90-42.30: **Diorite**: massive, fine to medium grained with 5% Po in scattered veinlets to 10mm at 25°, local moderate pervasive carb.

42.30-54.20: **Argillite**: massive, black, graphitic, fractured parallel to bedding at 60°, 3% Py, 10% calcite veins.
At 51.10: 10 cm fault gouge at 45°.

54.20-78.40: **Andesite**: light to dark grey, fairly massive and uniform, with 10% silicified sections to 30cm with 3% disseminated Py, lc gradational.
54.20-54.90: irregularly silicified with 20% calcite veins, 7% Po, trace Cp.
60.10-61.00: patchy silicified with patchy pervasive calcite, 7% patchy Po, most in 10% 1cm pquartz+carb+chlorite veins at 15°.
71.00-72.00: 5% patchy Po with trace Cp with distinct silicified halos.
74.10-75.55: silicified with 10% Po + trace Cp, best near carb-rich dyke from 74.5-74.7 at 60°.

78.40-81.60: **Argillite**: silicified, black, weak graphite, 15% fine calcite stockwork, <1% Py, 10% remnant black argillite with 3% Po, lc gradational.
80.00-81.60: 60% white quartz crudely banded at 60°, cross-cut by rare .5cm quartz+Po veinlets.

81.60-91.50: **Andesite**: moderate silicified, pervasive scattered veinlets with 3% Po and trace of Cp.
84.10-85.10: 5% Po with trace Cp, most in irregular veinlets.
89.60-90.60: 7% Po with trace Cp patches with silicified halos.

91.50 **END**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1861	1.82	2.80	0.98	41	0.3	212	2	29	2	61	2	68	13	2	1
1862	2.80	3.80	1.00	**188**	0.2	218	2	35	2	368	3	49	15	2	1
1863	3.80	4.80	1.00	56	0.3	84	2	36	2	230	2	57	13	3	1
1864	4.80	5.80	1.00	26	0.5	110	2	35	2	37	2	84	18	3	1
1865	5.80	6.80	1.00	19	0.3	166	2	28	2	92	2	57	13	21	1
1866	6.80	7.80	1.00	18	0.6	128	7	465	2	16	2	104	14	2	1
1867	7.80	8.40	0.60	21	0.6	95	7	**631**	2	10	2	77	11	1	1
1868	8.40	8.90	0.50	87	0.5	278	5	41	2	**1544**	3	4	14	1	1
1869	8.90	9.45	0.55	**440**	2.6	**1820**	4	63	2	243	6	11	24	1	1
1870	9.45	10.50	1.05	38	0.5	197	3	46	2	31	2	3	11	1	1
1871	10.50	11.30	0.80	95	1.4	364	9	40	2	472	5	4	14	1	1
1872	24.90	25.00	0.10	**260**	3.9	**679**	3	19	7	**3474**	2	271	65	1	2
1873	27.20	27.65	0.45	**630**	1.2	**661**	4	27	2	40	9	62	16	2	1
1874	31.40	32.00	0.60	35	0.7	257	3	51	2	23	2	41	16	1	1
1875	35.90	37.00	1.10	26	0.7	242	4	43	2	32	2	5	10	2	1
1876	37.00	38.10	1.10	21	0.8	208	5	47	2	22	2	2	10	1	1
1877	38.10	39.20	1.10	34	0.9	302	7	50	2	34	2	4	17	1	1
1878	39.20	40.30	1.10	20	0.8	208	5	46	2	4	3	2	11	1	1
1879	40.30	41.30	1.00	10	1.4	397	11	42	2	6	2	3	17	1	1
1880	41.30	42.30	1.00	17	1.3	304	22	58	2	2	2	7	12	2	1
1881	42.30	43.30	1.00	7	0.5	111	2	60	2	13	2	47	16	2	1
1882	43.30	44.30	1.00	7	0.7	94	5	**3181**	2	4	3	44	12	3	1
1883	44.30	45.30	1.00	4	0.6	97	2	75	2	2	2	50	13	3	1
1884	54.20	54.90	0.70	9	0.5	122	4	35	2	33	2	47	18	1	1
1885	60.10	61.00	0.90	11	1.2	**585**	4	30	2	7	2	36	31	1	1
1886	71.00	72.00	1.00	5	0.4	200	3	34	2	3	4	38	14	2	1
1887	74.10	74.50	0.40	13	1.6	**619**	10	27	2	3	2	48	35	3	1
1888	74.70	75.55	0.85	5	0.6	205	3	26	2	8	3	42	19	4	1
1889	81.00	81.60	0.60	9	0.9	125	7	34	2	244	5	90	14	3	2
1890	84.10	85.10	1.00	4	0.3	112	2	25	2	6	5	59	14	3	1
1891	89.60	90.60	1.00	5	0.3	173	2	32	2	41	2	99	19	6	1

Drill Hole No. MM-12

Location: 720 m Elevation
425 m North
040 m East

Azimuth: 135°
Dip: -70°
Length: 153.90 m

Started: Sept 25,1991
Finished: Sept 26, 1991

Logged by: J J Watkins
Sept 27, 1991

Contractor: J T Thomas

4.30-11.60: **Altered granodiorite**: medium to fine grained, typical, irregularly silicified, 3% disseminated and hairline sulphide veinlets most at 45°.
10.9-11.6: 5% Po, trace Cp in bleached silicified contact zone, lc vague.

11.60-18.00: **Altered andesite?**: dark to light green with creamy patchy silicification, local flow breccia texture?
14.3-14.4: black **argillite** with 40% carbonate rich bands at 90°, interflow sediment?, patchy Py or non-magnetic Po, trace Cp.

18.00-33.20: **Altered granodiorite**: Similar to above, 25% silicified grey patches and haloes to irregular veins, fine veining with chlorite+ Po at 30° and 60°. 3-5 % Po, (Cp), lc sharp at 80°.
28.6-29.6: **mafic dyke**, fine grained, fine pyroxene porphyry?, patchy weak carbonate.
30.3-30.6: very fine grained mafic dyke at 60°, moderate chlorite.

33.20-34.80: **Argillite:** black, massive with 20% bleached sections, weak graphite, lc broken.

34.80-37.20: **Altered granodiorite**: as before, 5% Po in fine veinlets better to lc, lc broken.

37.20-44.30: **Feldspar porphyry**: massive, hazy feldspar phenos to 3mm in medium grey, fine grained groundmass, 1mm mafic phenos altered to chlorite, <1% fine Py, lc broken.

44.30-48.30: **Argillite**: black, massive, graphitic, 2% Po, lc ragged at 40°.

48.30-49.10: **Feldspar porphyry**: as before, 3% fine Py, lc at 75°.

49.10-49.70: **Argillite?**: black grading to grey silicified, 3% Po best to lc, lc sharp at 45°.

49.70-55.60: **Feldspar porphyry**: as before, 3%disseminated Py to 50.2, lc broken.

55.60-56.00: **Silicified argilllite?**: silicified fabric at 75°, weak sericite, pervasive carbonate, lower contact sheared at 80°.

56.00-56.40: **Feldspar porphyry:** fine grained, lc broken at 80°.

56.40-57.10: **Altered intrusive?:** fine grained massive, tan coloured, 3% patchy Py+chlorite+(Q), lc broken.

57.10-104.90: **Altered andesite**: medium green, 5% mottled creamy grey silicification, weak fabric at 75°, <1% fine Py, lc sharp at 45° against chilled FP.
59.40-60.10: silicified creamy with 20% Po, (Cp).
65.60-66.60: strong carbonate bleached, 5% patchy Po.
70.3-70.6: FP dyke, 3% Po.
80.00-81.10: creamy silicified, 5% patchy PyPo.
At 86.20: 2 cm calcite filled fault breccia at 25°.
87.40-91.30: 20% white quartz stockwork, 5% Po in stockwork, becomes strongly bleached to lc.
101.80-104.90: strong creamy silicified, 5% Po veinlets.

104.90-116.00: **Feldspar porphyry:** as before, 2% disseminated Py best at contacts, lc sharp at 70°.

116.00-117.70: **Silicified andesite:** cherty as 70% light grey bands, 3% Po, lc broken.

117.70-119.00: **Feldspar porphyry**: medium grey siliceous groundmass, no sulphides, lc sharp 70°.

119.00-126.80: **Silicified andesite**: as before, cherty, 3% patchy Po best to tc, lc gradational.
124.80-126.80: 5% Po.

126.80- 131.80: **Andesite**: 70% remnant fresh dark green andesite with 30% silica flooding, 5% patchyPo with chlorite in silicified host, lc broken.

131.80-137.30: **Silicified andesite**: strong pervasive silicification with patchy strong carbonate, with 2% Po.

137.30-153.92: **Andesite**: as before with 40% remanant dark green andesite in silicified groundmass, 3% Po.
At 143.40: 10cm silica and carb healed fault breccia at 40°.

153.92 **EOH**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1892	4.30	5.30	1.00	6	0.3	109	4	52	2	12	2	33	11	4	2
1893	5.30	6.30	1.00	4	0.5	217	6	43	2	2	2	5	11	2	1
1894	6.30	7.30	1.00	4	0.7	302	6	43	2	2	4	3	13	2	1
1895	7.30	8.30	1.00	6	1.1	444	5	46	2	4	2	7	17	2	1
1896	8.30	9.30	1.00	7	0.9	374	5	35	2	2	3	5	14	2	1
1897	9.30	10.30	1.00	3	0.9	403	7	38	2	3	2	4	17	2	1
1898	10.30	10.90	0.60	7	0.8	347	8	37	2	2	2	4	13	2	2
1899	10.90	11.60	0.70	7	1.4	378	12	39	2	11	2	34	16	3	1
1900	11.60	12.60	1.00	23	1.3	284	6	48	3	17	2	55	16	2	2
1901	12.60	13.60	1.00	16	0.5	278	2	34	2	50	3	65	28	1	1
1902	13.60	14.60	1.00	9	0.4	93	2	54	2	11	2	39	14	2	1
1903	14.60	15.60	1.00	33	0.4	219	2	225	2	12	3	32	12	3	1
1904	15.60	16.80	1.20	11	0.6	434	7	62	2	10	2	34	21	1	1
1905	16.80	18.00	1.20	5	0.4	251	3	41	2	2	3	27	17	1	1
1906	18.00	19.00	1.00	7	0.5	242	2	36	2	6	2	22	14	1	1
1907	19.00	20.00	1.00	9	0.6	219	8	41	2	23	2	24	18	2	1
1908	20.00	21.00	1.00	8	0.3	200	6	34	2	2	2	21	19	1	1
1909	21.00	22.00	1.00	7	0.5	282	5	46	2	2	2	21	17	1	1
1910	22.00	23.00	1.00	13	0.9	323	5	37	3	5	2	21	17	1	2
1911	23.00	24.00	1.00	3	0.6	265	9	38	2	8	2	30	15	1	1
1912	24.00	25.00	1.00	11	0.3	221	7	37	2	2	2	18	12	1	1
1913	25.00	26.00	1.00	10	0.5	274	6	33	2	2	4	18	11	1	1
1914	26.00	27.00	1.00	6	0.4	259	8	35	2	5	3	25	10	1	1
1915	27.00	28.00	1.00	7	0.3	228	5	35	2	8	2	38	14	2	1
1916	28.00	28.60	0.60	10	0.5	192	7	44	2	21	2	34	9	1	1
1917	28.60	29.60	1.00	28	0.3	233	2	46	2	5	2	33	14	2	1
1918	29.60	30.30	0.70	11	0.4	139	2	49	2	2	2	14	9	1	1
1919	30.60	31.60	1.00	26	0.8	280	7	31	2	31	2	27	12	2	1
1920	31.60	32.40	0.80	14	0.7	306	13	37	2	29	2	27	11	1	1
1921	32.40	33.20	0.80	115	0.4	322	8	37	2	**2138**	6	27	51	1	1
1922	34.80	36.00	1.20	13	0.4	263	4	45	2	10	2	20	12	1	1
1923	36.00	37.20	1.20	19	0.9	365	5	51	2	69	3	48	18	7	4
1924	48.30	49.10	0.80	6	0.1	28	4	29	2	2	2	10	7	2	5
1925	49.10	49.70	0.60	6	0.8	270	113	171	2	15	3	60	26	5	1
1926	49.70	50.20	0.50	3	0.1	44	15	52	2	2	2	14	11	3	2
1927	56.40	57.10	0.70	35	1.4	97	35	60	2	15	2	21	5	5	1
1928	58.80	59.40	0.60	16	0.4	144	18	50	2	6	2	50	14	5	3
1929	59.40	60.10	0.70	64	2.3	**952**	7	48	2	14	3	47	32	6	1
1930	65.60	66.60	1.00	84	0.6	285	7	25	2	21	2	80	11	18	2
1931	80.00	81.10	1.10	20	1.0	157	2	223	2	30	2	83	10	6	2
1932	87.40	88.40	1.00	7	0.1	122	2	27	2	3	2	19	5	3	1
1933	88.40	89.40	1.00	18	0.1	101	2	17	2	2	2	7	4	1	1
1934	89.40	90.40	1.00	11	0.1	99	6	28	2	2	2	11	4	1	2
1935	90.40	91.30	0.90	97	0.1	116	2	114	2	315	2	50	11	6	2
1936	101.80	102.80	1.00	**144**	0.6	204	4	24	2	24	5	65	11	3	2
1937	102.80	103.80	1.00	85	0.6	157	5	40	2	21	2	49	9	2	1
1938	103.80	104.80	1.00	36	0.5	169	7	28	2	36	2	101	12	2	3
1939	104.80	105.90	1.10	10	0.1	27	5	62	2	9	2	21	10	3	1
1940	115.00	116.00	1.00	5	0.1	12	5	66	2	2	2	11	10	2	1
1941	116.00	117.00	1.00	13	0.5	161	8	42	2	49	2	112	15	3	1
1942	117.00	117.70	0.70	86	0.4	170	3	22	2	86	2	74	12	3	2
1943	119.00	120.00	1.00	6	0.1	81	2	15	2	46	2	80	11	4	1
1944	120.00	121.00	1.00	9	0.1	152	2	19	2	59	2	109	14	4	1
1945	124.80	125.80	1.00	8	0.7	191	2	9	2	23	2	155	14	7	1
1946	125.80	126.80	1.00	6	0.4	173	2	10	2	26	2	104	12	5	2
1947	126.80	127.80	1.00	10	0.1	155	2	30	2	2	2	27	9	2	1
1948	127.80	128.80	1.00	12	0.4	229	2	46	2	21	2	21	11	1	1
1949	128.80	129.80	1.00	19	0.1	229	2	48	2	16	2	21	9	1	1
1950	129.80	130.80	1.00	21	0.5	373	4	28	2	12	2	16	16	1	2
1951	130.80	131.80	1.00	24	0.4	216	4	38	2	40	2	30	12	2	2
1952	143.40	143.50	0.10	31	0.6	338	3	25	2	138	2	70	16	41	2

<u>Drill Hole No. MM-13</u>

Location: 600 m North
130 m West
755 m Elevation

Azimuth: 135°
Dip: -60°
Length: 189.40 m

Started: Sept 26,1991
Finished: Sept 29, 1991

Logged by: J J Watkins
Sept 30, 1991

Contractor: J T Thomas

1.80-5.95: **Feldspar porphyry**: massive with hazy feldspar phenos to 3mm, lc sharp at 60°.

5.95-6.80: **Silicified andesite:** 40% dark green remnat andesite in siliceous groundmass, trace sulphides, lc broken.

6.80-8.90: **Feldspar porphyry**: as before, lc vaque at 45°.

8.90-58.40: **Silicified andesite**: variably silicified with sections of dark green remnant andesite, scattered silicified argillite as possible interflow sediment, lc sharp at 40°, variable sulphide content of two types:
1. Most dominant is non-magnetic Po in veinlets with distinct narrow bleached haloes and as distinct patches in pervasively bleached sections, from 17.8-18.2: 30% massive non-magnetic Po in irregular stockwork cutting bleached andesite with some fresh andesite remanants
2. From 13.3 scattered (5%) narrow 1-2 mm Q veins at 45° with disseminated PbS, Cp, Po?, best at 15.50: 5cm coarse crystalline quartz vein with 2% PbS, <1% Cp, and groundmass of silicified andesite with remnant andesite.
At 12.50: Q+Po healed shear at 60°.
At 30.0: 1cm Q vein with 5% Cp, 10% Po at 45°.
29.2-30.4: Strongly bleached creamy grey.
At 43.7: 5cm Q-Carb shear with 10% Asp, best on sheared contacts at 40°.
47.90-58.40: Strongly altered with imposition of another alteration assemblage related to cross-cutting vuggy quartz veins at 45°, strong pervasive silicification with chlorite+calcite+Po+(Cp) veinlets trending poorly at 35°, with distinct bleached haloes, remnant andesite throughout.
Quartz veins at :
49.8-50.4: 90% white quartz, vaguely banded, minor very fg dull metallic needle crystals as vug fillings to 2mm.
50.4-50.5 and at 51.3: 5cm white vuggy quartz vein with vug filling of green sheeted silicate (chlorite?).
53.3-53.5: sheared quartz vein with 20% fracture filling of chlorite+3% Asp
At 54.01: 1 cm similar to 50.4-50.5.
At 54.5: 5mm as above.

58.40-59.00: **Altered feldspar porphyry**: massive, silicified, with hazy medium grained feldspars, lc sharp and very ragged against chilled fresh FP.
At 58.5: 5cm vein at 80° with disseminated Po.

59.00-60.10: **Feldspar porphyry**: fresh, massive, zoned 2mm feldspar phenos, lc ragged sharp with 1cm chill.

60.10-67.20: **Altered pyroxene-feldspar porphyry**: lc sharp at 80°.
To 62.40: silicified and carb filled fractures with 2% Py.
62.4-65.4: grades to weak silicified with fine mafic phenos now chlorite, 2% Py.
65.4-67.2: strong patchy silicification associated with tight carb filled shears at 45°, 2% Py.

67.20-72.90: **Altered andesite:** strong silicified with mottled grey on dark grey alteration haloes with chlorite +/- Po.

72.90-73.80: **Altered feldspar porphyry?**: strongly altered, silicified with sericite, very fine cross-sutting calcite veins, broken through at 30°, lc sheared at 45°.

73.80-80.30: **Feldspar porphyritic granodiorite:** possibly pyroxene porphyritic, distinct crystalline sericite pseudomorphing pyroxene phenos, lc sharp at 40°.

80.30-86.10: **Altered feldspar porphyry:** silicified, creamy grey with 20% stockwork of calcite+chlorite+Po+(Cp) that becomes sheared to lc at 65°.

86.10-87.90: **Altered andesite**: weak stockwork of Po+chlorite with distinct narrow bleached haloes.
86.8-87.0: Q vein at 60°, 5% Po.

87.90- 89.00: **Pyroxene-feldspar porphyry:** massive hazy 2-3mm zoned feldspar phenos, pyx pseudo by sericite, lc carb shear at 45°.

89.00-98.50: **Altered feldspar porphyry:** strongly silicified, weakly carb sheared at 30-50°, 5% Po in calcite stockwork, lc sharp at 60°.
At 91.6: 45° fine grained chill over 20cm, chilled down-hole.
95.0-95.8: very strong silicified to white quartz.

98.50-104.20: **Silicified andesite:** strong silicified, dark to medium grey, 25% bleached on Po+chlorite veinlets and patches, 3-5% Po+(Cp), lc sharp at 80°.

104.20-189.40: **Altered feldspar porphyry**: silicified with vague feldspar phenos, strong silicified sections from 104.2-107.0, 108.2-108.6, 112.1-114.3. <1% sulphides in altered sections.
At 109.6: 2cm carb+Q+20% Po vein at 60°.
116.00-120.00: strongly silicified with strongly carb altered sections, carb healed fractures at 40°.
At 119.7: 10cm vein 30% massive Po, 20% vcg Asp at 30°.
At 122.30: 10cm carb shear at 45°.
125.00-126.20: mottled silicified with 10% calcite veinles +5% Po+(Cp)
At 126.20: 1cm Q vein with 20% vcg Asp at 30°.
126.20-131.80: strongly silicified cherty with 30% remnant andesite, 1% Po.
131.80-133.00: strongly silicified with 20% chlorite+Po(5%) stockwork.
133.00-136.50: bleached with 30% remnant andesite, calcite+Q+Asp+Po shears at 70°.
136.50-141.80: silicified with Q+chl+(Asp)+(Po) veinlets at 40-70°.
141.80-146.25: 20% silicified, 3% patchy Po.
146.25-146.70: 50% silicified as haloes to carb shears at 40°, with 10% Po.
151.70-159.00: mottled silicified with 20% strong bleaching around 2mm Po+calcite veinlets at 45°.
159.00-160.00: fine grained weakly mottled with patchy carbonate, 3% Po in calcite+chl veinlets.
160.00-160.30: broken Q vein at 45° with 5% cg Asp.
160.30-163.30: fg silicified, 3% fine Po veinlets, narrow bleached haloes.
163.30-169.80: 20% mottled silicified on dark green groundmass, 3% Po veinlets.
169.80-174.90: massive dark green with minor bleaching, 10% calcite veining, 1% Po.
174.90-177.50: strongly silicified to off-white, dark green specks thru (chl?), 3% patchy Po.
176.70-177.40: calcite shears banded at 45°.
177.40-177.90: strongly silicified, medium to mottled light grey, massive, 3% Po.
177.90-178.40: altered breccia?, light grey fine siliceous breccia in weakly jasperoidal groundmass, <1% sulphides.
At 178.40: 5cm calcite-Po vein at 10°, 10% Po.
178.40-180.60; dark green, 10% weak silicified sections to 20cm, 5% Po.
180.60-186.50: strongly silicified creamy grey, mottled and spotted with chl, scattered hairline chl+Po(3%) fractures.
186.50-189.40: light grey fine grained silicified, no sulphides.

189.40 **END**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
1953	8.40	8.90	0.50	8	0.8	78	13	57	2	11	2	10	9	4	1
1954	8.90	9.90	1.00	**152**	0.5	129	2	44	2	2	7	8	7	1	1
1955	9.90	10.90	1.00	**144**	0.8	247	2	42	2	19	4	6	14	1	1
1956	10.90	11.90	1.00	62	0.5	214	3	51	2	6	3	31	17	1	1
1957	11.90	12.60	0.70	19	0.8	165	2	61	2	3	2	34	19	1	1
1958	12.60	13.30	0.70	26	0.6	233	2	16	2	8	3	94	25	1	1
1959	13.30	13.80	0.50	60	0.7	361	3	22	2	52	2	93	28	1	2
1960	13.80	14.30	0.50	85	1.2	425	2	48	2	3	5	35	16	1	1
1961	14.30	14.80	0.50	**310**	1.2	492	6	36	2	15	7	58	17	3	1
1962	14.80	15.20	0.40	67	0.7	308	3	48	2	54	5	73	14	2	1
1963	15.20	15.60	0.40	**0.578 opt**	2.4	189	20	21	5	174	**807**	30	12	3	1
1964	15.60	16.10	0.50	**470**	0.6	216	8	83	2	25	22	28	9	3	1
1965	16.10	17.10	1.00	**280**	0.6	251	2	37	2	20	6	29	14	2	1
1966	17.10	17.80	0.70	**154**	0.7	334	2	195	2	17	5	41	17	1	1
1967	17.80	18.20	0.40	**340**	1.2	**933**	2	34	2	18	10	60	39	1	1
1968	18.20	19.20	1.00	27	0.5	256	2	54	2	24	2	49	28	1	1
1969	19.20	20.20	1.00	16	0.3	109	4	32	2	14	2	65	8	3	1
1970	20.20	21.20	1.00	15	0.4	140	8	41	2	56	2	89	10	1	2
1971	21.20	22.20	1.00	67	0.4	193	5	38	2	32	5	59	11	2	1
1972	22.20	23.20	1.00	9	0.4	188	3	36	2	5	2	30	16	1	1
1973	23.20	24.20	1.00	7	0.5	159	4	56	2	10	2	38	12	2	1
1974	24.20	25.20	1.00	6	0.4	133	3	40	2	11	3	109	13	4	1
1975	25.20	26.20	1.00	**1740**	0.8	202	11	115	2	76	**62**	75	11	5	1
1976	26.20	27.20	1.00	26	0.3	144	3	48	2	11	3	80	13	5	1
1977	27.20	28.20	1.00	17	0.4	147	5	39	2	29	2	67	10	3	1
1978	28.20	29.20	1.00	10	0.5	140	5	61	2	10	2	73	11	3	1
1979	29.20	30.20	1.00	**1480**	0.8	176	12	61	2	200	**64**	79	17	3	1
1980	30.20	31.20	1.00	22	0.4	155	4	36	2	19	3	35	10	2	1
1981	31.20	31.70	0.50	6	0.6	152	2	270	2	7	2	40	17	3	1
1982	31.70	32.20	0.50	**149**	0.8	249	2	70	2	90	9	62	14	20	7
1983	32.20	33.20	1.00	17	0.4	92	6	80	2	32	2	56	12	10	1
1984	33.20	34.20	1.00	**1730**	0.6	221	5	49	2	47	**67**	51	14	4	1
1985	34.20	35.20	1.00	22	0.4	180	4	37	2	78	3	61	13	4	1
1986	35.20	36.20	1.00	14	0.5	222	6	52	2	25	2	70	15	7	1
1987	36.20	37.20	1.00	54	0.6	185	5	42	2	96	3	63	16	5	1
1988	37.20	38.20	1.00	**101**	1.2	301	8	103	2	**979**	7	78	26	8	2
1989	38.20	39.20	1.00	16	0.4	179	8	58	2	68	2	39	9	4	2
1990	39.20	40.20	1.00	12	0.7	228	6	30	2	14	2	64	14	7	2
1991	40.20	41.20	1.00	13	0.4	134	6	43	2	167	3	40	8	7	1
1992	41.20	42.20	1.00	4	0.2	74	4	31	2	19	2	15	5	2	2
1993	42.20	43.00	0.80	5	0.6	172	6	47	2	13	2	50	13	8	2
1994	43.00	43.50	0.50	12	0.5	216	5	42	2	29	2	74	14	10	2
1995	43.50	43.90	0.40	**390**	1.5	109	47	46	28	**16047**	4	65	63	7	1
1996	43.90	44.50	0.60	15	0.5	261	10	284	2	47	3	47	13	6	1
1997	44.50	45.50	1.00	7	0.4	80	2	52	2	22	2	46	6	7	2
1998	45.50	46.50	1.00	4	0.4	266	4	32	2	16	3	57	15	8	2
1999	46.50	47.50	1.00	11	0.6	336	2	45	2	102	2	48	16	5	2
2000	47.50	48.50	1.00	7	0.4	144	5	36	2	63	2	57	9	7	2
2001	48.50	49.50	1.00	6	0.3	128	5	51	2	51	2	73	13	6	2
2002	49.50	50.50	1.00	**1600**	5.6	397	67	60	4	21	**73**	37	9	3	2
2003	50.50	51.30	0.80	70	1.9	234	34	49	2	16	8	87	10	4	9
2004	51.30	52.00	0.70	98	1.0	177	14	43	2	30	5	60	10	3	2
2005	52.00	52.90	0.90	**930**	2.2	272	40	149	2	9	38	46	13	3	1
2006	52.90	53.90	1.00	**1370**	8.4	295	101	76	2	20	41	74	12	6	2
2007	53.90	54.60	0.70	15	0.3	189	6	42	2	28	3	96	11	5	1
2008	54.60	55.60	1.00	4	0.1	228	3	36	2	5	2	36	13	6	1
2009	55.60	56.60	1.00	**570**	0.6	323	2	45	2	7	6	41	13	2	2
2010	56.60	57.40	0.80	**710**	0.5	212	4	39	2	42	16	35	10	3	2
2011	57.40	58.00	0.60	6	0.4	212	2	27	2	8	2	41	11	3	1
2012	58.00	59.00	1.00	5	0.4	191	9	31	2	11	2	21	8	2	2
2013	62.10	62.40	0.30	8	0.4	157	31	106	2	9	2	4	7	2	1
2014	62.40	63.00	0.60	4	0.4	71	12	87	2	4	2	4	8	2	2
2015	63.00	64.00	1.00	5	0.4	82	4	31	2	3	2	6	8	2	1
2016	65.40	66.30	0.90	86	0.8	141	8	36	2	3	4	5	4	1	2
2017	66.30	67.20	0.90	6	0.4	125	5	30	2	3	2	5	6	2	1
2018	67.20	68.00	0.80	4	0.2	101	5	47	2	46	2	55	9	4	2
2019	68.00	69.00	1.00	6	0.1	42	8	46	2	27	2	44	4	5	1
2020	72.90	73.80	0.90	5	0.7	142	22	38	2	6	2	8	6	1	1
2021	80.30	81.30	1.00	8	1.7	225	2	77	2	10	2	20	6	3	2
2022	81.30	82.30	1.00	5	0.4	68	3	35	2	2	2	6	4	4	2
2023	82.30	83.30	1.00	4	0.8	90	3	36	3	2	2	7	4	3	1
2024	83.30	84.30	1.00	5	0.9	103	2	61	2	2	2	7	5	2	1

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
2025	84.30	85.30	1.00	6	0.8	92	2	72	2	2	2	11	6	4	1
2026	85.30	86.10	0.80	7	1.0	215	9	46	2	2	2	31	12	10	3
2027	86.10	86.80	0.70	6	1.0	250	3	45	2	2	4	55	17	9	2
2028	86.80	87.00	0.20	4	0.9	159	7	38	2	2	2	57	14	19	3
2029	87.00	87.90	0.90	4	1.7	264	46	118	2	2	2	48	20	7	1
2030	89.60	90.60	1.00	12	1.6	248	17	152	2	2	2	8	10	1	1
2031	90.60	91.60	1.00	12	1.1	271	9	31	2	117	2	10	14	1	1
2032	91.60	92.60	1.00	7	1.1	375	11	33	2	2	2	13	15	1	1
2033	92.60	93.60	1.00	6	0.6	180	4	27	2	2	2	8	10	1	3
2034	93.60	94.30	0.70	11	0.9	186	2	33	2	2	2	7	10	1	2
2035	94.30	95.00	0.70	69	3.8	400	20	38	2	5	6	15	15	1	2
2036	95.00	95.80	0.80	12	0.6	56	8	33	2	2	2	6	2	1	1
2037	95.80	96.80	1.00	8	1.7	273	7	45	2	6	2	9	7	1	3
2038	96.80	97.80	1.00	8	1.4	206	9	41	2	6	2	7	10	1	3
2039	97.80	98.50	0.70	5	0.8	178	16	107	2	2	2	8	9	1	2
2040	98.50	99.50	1.00	7	0.7	232	11	47	2	6	2	23	21	6	1
2041	99.50	100.50	1.00	8	1.1	239	8	25	2	2	2	27	22	4	2
2042	100.50	101.50	1.00	7	0.7	272	2	34	2	2	2	18	21	7	2
2043	101.50	102.50	1.00	7	1.0	289	3	30	2	6	2	39	21	9	2
2044	102.50	103.50	1.00	5	0.9	234	8	39	2	13	2	69	15	16	1
2045	103.50	104.20	0.70	3	0.6	168	3	28	2	6	2	98	13	7	3
2046	104.20	105.20	1.00	6	0.6	130	8	31	2	2	2	9	8	1	1
2047	105.20	106.20	1.00	5	0.3	104	4	29	2	2	2	7	6	1	1
2048	106.20	107.00	0.80	6	0.6	107	2	34	2	2	2	9	5	2	1
2049	107.00	108.20	1.20	3	1.1	168	8	43	2	6	2	17	13	1	3
2050	108.20	108.60	0.40	8	2.3	349	4	69	2	35	2	14	17	1	1
2051	108.60	109.60	1.00	8	3.1	**504**	13	96	2	78	2	6	15	1	1
2052	109.60	110.50	0.90	7	2.5	449	9	49	2	61	2	7	16	1	2
2053	110.50	111.00	0.50	11	1.8	270	12	59	2	7	2	5	11	1	2
2054	111.00	112.00	1.00	6	1.2	202	4	254	2	6	2	4	14	1	2
2055	112.00	113.00	1.00	3	0.7	120	5	48	2	28	2	7	9	1	2
2056	113.00	113.90	0.90	4	0.5	117	4	30	2	4	2	6	5	2	1
2057	113.90	114.90	1.00	8	2.2	320	27	62	2	2	2	49	17	9	2
2058	114.90	116.00	1.10	14	0.9	243	7	33	2	35	2	35	15	6	1
2059	116.00	117.00	1.00	6	1.1	184	8	52	2	4	2	7	5	2	1
2060	117.00	118.00	1.00	7	1.7	365	11	67	2	35	2	32	10	4	1
2061	118.00	118.80	0.80	54	0.8	289	9	28	2	**617**	3	46	21	4	1
2062	118.80	119.35	0.55	44	1.4	192	10	165	2	**922**	3	74	32	5	1
2063	119.35	120.00	0.65	**0.563 opt**	**6.7**	414	38	33	36	**48288**	**187**	96	351	5	17
2064	120.00	121.00	1.00	**170**	1.7	360	6	68	2	340	3	36	16	8	1
2065	121.00	122.00	1.00	**180**	1.8	336	9	43	2	**541**	5	55	15	6	1
2066	122.00	123.00	1.00	**240**	1.5	249	7	66	2	**597**	6	8	15	2	1
2067	123.00	124.00	1.00	21	0.6	289	5	29	2	168	2	27	19	3	1
2068	124.00	125.00	1.00	9	0.7	291	3	29	2	436	2	14	22	4	1
2069	125.00	126.00	1.00	8	0.3	120	5	30	2	17	2	70	9	29	2
2070	126.00	126.25	0.25	**310**	1.3	155	25	67	12	**11409**	12	102	26	5	1
2071	126.25	127.25	1.00	11	0.8	178	25	129	2	22	2	107	17	18	1
2072	131.80	132.50	0.70	7	0.5	209	2	11	2	2	2	48	17	3	1
2073	132.50	133.00	0.50	8	0.4	179	3	**552**	2	2	2	37	15	3	1
2074	133.00	133.50	0.50	59	0.9	227	8	30	10	**2438**	10	19	16	1	1
2075	133.50	134.50	1.00	9	0.6	206	9	54	2	4	2	19	16	1	1
2076	134.50	135.50	1.00	24	0.8	230	11	94	2	**1091**	2	20	17	1	1
2077	135.50	136.50	1.00	13	0.6	228	27	23	2	116	2	38	17	2	1
2078	136.50	137.50	1.00	117	0.3	105	3	19	2	**2990**	3	9	29	1	1
2079	137.50	138.50	1.00	18	0.4	265	2	24	2	175	2	8	10	1	1
2080	138.50	139.50	1.00	6	0.3	105	4	24	2	8	2	7	5	1	1
2081	139.50	140.50	1.00	5	0.4	86	4	23	2	2	2	9	5	2	1
2082	140.50	141.20	0.70	7	0.3	85	4	22	2	2	2	7	5	2	1
2083	141.20	141.80	0.60	8	0.3	94	3	22	2	2	2	7	5	2	1
2084	141.80	142.80	1.00	16	0.2	144	3	25	2	6	2	28	13	3	4
2085	142.80	143.80	1.00	10	1.4	496	3	22	2	44	2	84	38	7	1
2086	143.80	144.80	1.00	5	1.0	129	60	129	2	2	2	36	8	3	1
2087	144.80	145.80	1.00	12	1.0	352	7	36	2	9	2	10	11	1	1
2088	145.80	146.25	0.45	8	0.7	313	2	29	2	15	2	9	8	1	1
2089	146.25	146.70	0.45	8	0.9	387	2	39	2	141	2	17	8	1	1
2090	146.70	147.50	0.80	7	0.5	208	2	32	2	4	2	11	9	1	1
2091	147.50	148.40	0.90	9	0.8	379	3	36	2	29	2	30	13	3	2
2092	151.70	152.70	1.00	9	1.2	339	6	48	2	37	2	11	13	1	1
2093	152.70	153.70	1.00	14	1.1	241	7	45	2	9	2	12	11	1	1
2094	153.70	154.70	1.00	9	1.1	272	6	47	2	2	2	11	13	1	1
2095	154.70	155.70	1.00	5	1.0	215	9	40	2	10	2	9	9	1	1
2096	155.70	156.70	1.00	2	1.4	328	8	43	2	7	2	13	12	2	1
2097	156.70	157.70	1.00	3	0.7	172	4	36	2	2	2	12	9	2	1

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
2098	157.70	158.70	1.00	4	0.7	263	2	25	2	2	2	10	12	1	1
2099	158.70	159.70	1.00	5	0.5	183	10	68	2	2	2	33	14	2	1
2100	159.70	160.30	0.60	**410**	1.8	214	13	65	2	**6745**	16	41	63	3	1
2101	160.30	161.30	1.00	4	0.7	193	9	54	3	47	2	50	14	5	1
2102	161.30	162.30	1.00	3	0.6	180	7	65	2	6	2	51	15	4	1
2103	162.30	163.30	1.00	11	1.2	314	9	71	2	446	2	35	30	2	1
2104	175.90	176.70	0.80	4	0.4	101	4	29	2	23	2	9	6	1	1
2105	176.70	177.40	0.70	6	0.6	164	2	30	2	2	3	7	8	1	1
2106	177.40	177.90	0.50	23	0.7	335	2	36	2	177	5	57	22	5	2
2107	177.90	178.70	0.80	10	0.4	196	2	27	2	93	2	79	15	8	2
2108	178.70	179.70	1.00	6	0.7	383	2	34	2	149	5	36	18	2	5
2109	179.70	180.60	0.90	2	0.4	211	5	40	2	8	2	13	12	2	1
2110	180.60	181.50	0.90	2	0.6	360	2	74	2	12	4	19	22	1	1
2111	181.50	182.50	1.00	2	0.5	168	9	41	2	2	2	9	8	1	1
2112	182.50	183.50	1.00	1	0.4	116	5	26	2	2	2	8	6	2	1
2113	183.50	184.50	1.00	1	0.3	66	5	24	2	2	2	8	5	3	1
2114	184.50	185.50	1.00	2	0.3	72	2	25	2	2	2	8	5	2	1
2115	185.50	186.50	1.00	3	1.0	178	5	38	2	2	2	8	10	1	1

Drill Hole No. MM-14

Location: 1000 m North
540 m West
800 m Elevation

Azimuth: 135°
Dip: -55°
Length: 101.50 m

Started: Sept 29,1991
Finished: Sept 30, 1991

Logged by: J J Watkins
Oct. 2, 1991

Contractor: J T Thomas

0.00-4.24: Casing

4.24-66.20: **Argillite+intercalated flows**: black siliceous argillite bedded at 70-80°, with intercalated flows (intrusive?) of intermediate composition, thicker flows are coarse grained FP, argillite with possible tuffaceous interbeds.
12.30-14.00: Flow?dyke? intermediate fg contacts with cg FP core.
14.00-14.40: Black siliceous argillite.
14.40-15.10: Flow?dyke? as above.
15.10-17.90: well-bedded black siliceous argillite, 20% tuff, 5% fg Py.
17.90-18.70: strong pervasive carb altered with Q-carb increasing to lc, 2% Py
18.70-19.50: black siliceous argillite, 5% Py
19.50-19.80: fg flow.
19.80-20.20: black siliceous argillite, fine clastic, some jasper.
20.20-21.10: grey siliceous argillite, 20% Q-carb, 1% Py.
21.10-21.40: flow.
21.40-24.20: black to medium grey siliceous argilite.
24.20-24.80: mafic flow, lc sheared at 45°.
24.80-27.60: black to dark grey siliceous argillite.
27.60-27.90: fine lapilli volcaniclastic with felsic frags?, 5% Py.
27.90-30.40: black to medium grey siliceous argillite, bedded at 80°.
30.40-34.20: flow.
At 31.80: 5 cm carbonate shear at 50°.
34.20-37.80: medium grey siliceous argillite, 20% volcamic flows or frags to 10cm.
At 37.70: 5cm bed of felsic lapillistone at 80°.
37.80-38.00: flow, broken at 80°.
38.00-38.60: black siliceous argillite, broken at 80°.
38.60-39.00: flow breccia, broken at 80°.
39.00-54.40: intercalated argillite bands to 20cm decreasing in amount with depth.
54.40-55.00: Flow.
55.00-56.50: medium grey siliceous argillite, lc carb shear at 60°.
56.50-60.70: massive fg flow, weak carb altered, lc sharp at 80°.
60.70-66.20: black siliceous argillite with some intercalated flow material, badly broken.

66.20-69.10: **Pyroxene-feldspar porphyry**: badly broken at 80°, 1% Py.

69.10-70.80: **Siliceous argillite:** grey.

70.80-75.80: **Feldspar porphyry**: moderately silicified, broken, minor sulphides.

75.80-77.00: **Siliceous argillite:** medium grey, broken.

77.00-79.90: **Argillite and intermediate dykes**: 50% black to medium grey siliceous argillite, 50% bleached fine grained intermediate dyke.
At 77.25: .5cm band massive Po at 80°.
At 77.90: 1cm vein Q-carb with PbS and Asp at 80°.
At 79.60: 1cm Q-carb vein at 40°, 10% disseminated Asp.

79.90-83.50: **Pyroxene-feldspar porphyry**: massive, weakly bleached to lc, lc broken at 80°.
83.00-83.50: strongly silicified, 3% fine Py.

83.50-84.40: **Argillite**: black, banded at 80°.

84.40-88.30: **Altered intermediate dyke**: fg creamy with 3% disseminated Py, contacts sharp at 80°.

88.30-101.50: **Intercalated black argillite and flows:** 60% black argillite with 40% intercalated intermediate flows to 20 cm, all at 80°, trace of sulphides.

101.50 **END**

SAMPLE NO.	FROM (m)	TO (m)	WIDTH (m)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Bi (ppm)	Ni (ppm)	Co (ppm)	Mo (ppm)	W (ppm)
2116	15.10	16.10	1.00	1	0.3	43	5	30	2	2	2	23	4	6	1
2117	16.10	17.10	1.00	5	0.7	81	8	27	2	19	2	59	14	18	1
2118	17.10	17.90	0.80	3	0.7	101	7	59	2	20	2	53	16	7	1
2119	17.90	18.70	0.80	4	0.7	82	7	51	2	50	2	35	16	5	2
2120	18.70	22.60	3.90	6	0.5	65	3	42	6	29	2	34	12	5	1
2121	22.60	23.90	1.30	6	0.6	93	7	39	11	26	2	64	13	29	1
2122	77.00	77.90	0.90	5	1.0	103	10	73	10	8	2	38	14	5	1
2123	77.90	79.00	1.10	27	**13.2**	161	**212**	121	71	203	2	43	20	4	1
2124	84.40	85.30	0.90	11	**8.9**	171	**342**	**2321**	90	162	4	67	17	4	1
2125	85.30	86.30	1.00	6	0.6	59	25	100	2	2	2	10	8	2	1

APPENDIX 7

Analytical cetificates
Drill core

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-2940 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5

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
1000	4	407	4	46	1.0	25	14	350	5.28	460	5	ND	2	69	1.3	2	2	108	1.44	.149	4	22	1.90	153	.17	2	2.53	.18	.80	1	51
1001	2	196	8	25	.5	31	10	408	3.84	41	5	ND	3	48	.9	3	2	79	1.52	.127	9	19	1.16	48	.14	3	1.19	.09	.16	1	10
1002	1	212	8	72	.6	35	12	458	3.79	15	5	ND	1	85	.7	2	2	118	1.90	.090	2	36	1.40	71	.11	2	1.56	.11	.29	1	17
1003	1	85	7	106	.3	70	11	450	3.37	35	5	ND	1	30	1.3	2	2	102	.74	.094	2	50	1.65	162	.14	2	1.94	.06	1.18	1	13
1004	2	176	2	34	.3	21	5	339	2.87	138	5	ND	3	61	1.0	2	2	82	1.89	.123	9	21	1.32	77	.15	2	1.67	.16	.19	1	16
1005	2	317	9	43	1.0	3	18	390	4.20	1935	5	ND	7	97	1.2	2	2	83	2.91	.179	15	10	1.31	83	.14	2	1.81	.12	.21	1	37
1006	1	391	16	45	1.0	3	8	411	4.20	785	5	ND	6	79	1.6	2	2	82	2.73	.186	14	11	1.32	88	.13	2	1.76	.11	.19	1	36
1007	9	167	135	230	2.5	40	18	657	3.10	3161	5	ND	3	171	3.3	16	4	70	4.95	.112	7	19	1.26	51	.03	2	1.31	.05	.20	1	260
1008	13	219	15	86	.8	70	8	427	3.02	362	5	ND	1	73	1.0	2	2	118	3.23	.067	2	38	1.15	39	.06	2	1.50	.12	.27	1	16
1009	2	422	6	40	1.7	14	17	312	4.70	2960	5	ND	4	68	1.1	2	5	105	2.10	.176	10	24	1.61	97	.13	2	2.06	.15	.54	1	340
1010	1	333	7	38	1.2	3	9	306	4.91	282	5	ND	6	75	1.3	2	2	94	1.83	.195	12	8	1.30	168	.22	2	2.01	.15	.63	1	58
1011	2	384	9	41	1.5	5	10	302	5.02	84	5	ND	7	79	1.8	2	9	91	1.64	.186	12	7	1.36	127	.20	2	2.06	.17	.50	2	700
1012	1	460	6	40	1.5	2	7	258	4.90	200	5	ND	3	105	.9	2	2	95	2.01	.161	7	8	1.29	131	.18	2	2.33	.21	.48	1	76
1013	1	315	7	45	.6	2	6	310	4.54	28	5	ND	6	110	1.0	2	2	107	1.74	.186	9	5	1.60	146	.20	2	2.75	.21	.72	1	21
1014	1	214	4	66	.3	2	9	378	4.76	27	5	ND	3	78	1.1	2	2	95	2.07	.173	8	10	1.78	149	.14	2	2.72	.16	.70	1	28
1015	1	410	7	37	.9	3	17	260	4.67	56	5	ND	5	78	1.1	2	2	87	1.61	.198	11	9	1.24	165	.18	2	1.91	.17	.56	1	36
1016	1	401	9	36	.9	3	8	302	4.67	49	5	ND	4	62	1.3	2	3	89	1.82	.182	10	15	1.29	136	.17	2	1.86	.16	.37	1	17
1017	1	531	14	47	1.6	3	6	287	4.33	156	5	ND	5	69	1.1	2	2	94	1.90	.197	12	11	1.29	167	.22	2	1.80	.16	.54	1	13
1018	2	1116	26	118	3.2	5	13	302	5.36	662	5	ND	6	57	2.3	2	8	91	1.88	.202	15	11	1.31	138	.17	2	1.67	.12	.36	1	44
1019	2	536	12	57	1.6	14	8	404	4.41	132	5	ND	5	57	.9	2	2	87	2.40	.175	15	15	1.37	63	.17	2	1.68	.09	.15	1	11
1020	1	98	15	86	.6	71	11	386	3.35	75	5	ND	1	42	1.1	9	2	117	.79	.061	2	51	1.85	187	.23	2	2.32	.17	1.13	1	10
1021	2	123	76	82	.9	68	11	508	2.89	45	5	ND	1	43	1.2	2	2	71	1.79	.074	3	41	1.46	41	.10	2	1.47	.09	.20	1	7
1022	1	43	18	87	.2	38	12	685	4.88	99	5	ND	1	90	1.4	2	2	201	1.74	.142	2	72	4.18	172	.23	2	4.43	.19	2.74	1	12
1023	4	279	26	53	2.1	89	59	517	4.70	5595	5	5	2	60	1.2	5	71	109	2.85	.152	7	56	1.78	77	.12	2	1.95	.10	.71	1	4410
1024	2	407	15	28	1.3	9	5	399	3.73	35	5	ND	7	65	.6	2	6	67	2.79	.181	13	7	1.24	73	.13	2	1.54	.15	.23	1	98
1025	2	437	107	163	4.8	17	15	559	4.23	1590	5	ND	6	84	2.6	2	10	66	3.68	.171	9	11	1.48	42	.08	2	1.59	.09	.16	1	420
1026	2	799	22	51	3.1	5	13	326	6.37	748	5	ND	4	70	1.0	2	10	75	2.24	.187	10	7	1.23	68	.14	2	1.62	.14	.24	1	28
1027	2	340	49	220	2.0	15	10	548	4.65	73	5	ND	5	63	3.8	3	2	86	2.42	.179	13	14	1.30	112	.19	2	1.94	.16	.35	1	25
1028	1	151	7	63	.3	91	18	524	3.84	166	5	ND	1	73	1.1	2	2	139	1.14	.111	2	46	1.77	225	.22	2	2.50	.18	1.32	1	23
1029	1	229	6	53	.3	66	19	488	4.22	265	5	ND	1	109	.8	2	2	146	1.52	.143	2	45	1.82	263	.21	3	2.87	.26	1.29	1	22
1030	1	386	2	50	.5	35	19	426	5.58	108	5	ND	1	140	.9	2	2	139	1.98	.182	2	24	1.82	244	.19	2	3.07	.31	1.41	1	58
1031	1	253	2	18	.4	49	10	321	2.54	103	8	ND	1	44	.2	2	2	46	2.55	.115	2	20	.52	37	.14	2	.79	.10	.12	1	55
1032	1	89	8	40	.1	47	15	387	3.57	128	5	ND	1	98	.4	2	2	111	1.57	.142	2	52	1.79	185	.18	2	2.66	.25	1.19	1	40
1033	4	151	11	26	.4	132	15	362	2.63	76	5	ND	1	28	.5	2	2	83	1.12	.083	3	48	1.21	54	.12	2	1.20	.06	.26	2	14
1034	1	115	6	34	.2	232	15	373	3.17	96	5	ND	1	33	.2	2	2	99	.36	.051	2	44	1.70	171	.18	2	1.89	.07	1.46	1	27
1035	1	117	2	41	.1	56	13	355	3.50	82	5	ND	1	91	.5	2	2	121	1.37	.156	2	67	2.03	213	.19	2	2.96	.27	1.38	1	86
STANDARD C/AU-R	21	62	42	131	7.4	72	32	1073	4.13	41	23	7	40	53	17.6	16	22	60	.55	.097	40	56	.97	184	.08	34	2.01	.06	.14	11	470

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB.
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 28 1991 DATE REPORT MAILED: July 31/91. SIGNED BY .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

KRL Resources Corp. FILE # 91-2940

ACME ANALYTICAL

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
1036	1	172	2	27	.3	148	13	227	2.93	107	5	ND	1	36	.2	2	2	83	.85	.051	3	52	1.28	72	.18	2	1.74	.11	1.03	5	41
1037	2	159	3	25	.4	113	9	242	2.83	43	5	ND	1	43	.2	2	2	75	.79	.074	4	51	1.20	54	.19	2	1.54	.12	.74	1	29
1038	1	460	4	49	.7	57	12	328	5.40	35	5	ND	1	66	.2	2	2	116	1.04	.180	2	60	1.65	149	.18	2	2.12	.17	1.34	1	98
1039	3	146	6	428	.3	95	14	442	3.85	75	5	ND	1	31	3.1	2	2	113	.59	.107	5	75	1.51	151	.23	4	1.85	.13	1.64	3	26

ASSAY IN PROGRESS for Au > 500 ppb

ACME ANALYTICAL LABORATORIES LTD. [illegible] E. HASTINGS ST. VANCOUVER B.C. [illegible]

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-2971 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN WATKINS

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
1040	3	341	3	44	1.2	3	7	287	4.23	80	5	ND	5	54	.2	2	3	75	1.39	.224	15	9	1.04	121	.24	2	1.54	.15	.62	1	23
1041	3	368	4	49	1.5	6	27	374	4.99	2425	5	ND	5	147	.3	2	7	85	2.01	.236	14	8	1.21	106	.18	3	1.74	.14	.50	1	241
1042	3	335	24	51	3.1	4	34	361	4.21	4467	5	2	7	65	.5	2	54	79	1.87	.245	17	7	1.12	96	.15	2	1.47	.11	.28	1	2415
1043	3	261	8	54	3.0	5	20	366	4.77	1606	5	ND	7	65	.4	2	14	88	2.06	.267	17	10	1.21	130	.21	2	1.74	.14	.52	1	357
1044	3	273	15	51	4.1	3	33	530	4.44	3829	5	2	6	61	.3	2	32	78	2.35	.241	14	7	1.17	68	.14	4	1.63	.09	.23	1	955
1045	2	383	8	56	3.8	5	14	622	5.49	1031	5	ND	5	85	.3	2	23	74	2.53	.212	13	11	1.25	70	.15	2	1.76	.09	.22	1	777
1046	2	246	2	170	1.3	2	19	640	6.08	1018	5	ND	5	112	.2	2	5	85	1.81	.234	11	6	1.64	257	.21	2	2.81	.15	1.42	1	34
1047	3	435	8	63	3.1	4	53	398	5.36	3520	5	ND	5	64	.3	2	32	83	1.74	.230	13	10	1.27	98	.17	2	1.75	.12	.49	1	724
1048	2	527	4	54	3.8	4	13	613	5.19	748	5	ND	5	58	.6	2	10	69	2.76	.217	13	10	.99	74	.16	11	1.46	.10	.23	1	123
1049	2	398	6	63	2.9	3	23	499	5.66	2575	5	ND	5	63	.2	2	9	93	1.81	.246	13	9	1.41	101	.16	2	1.97	.12	.56	1	273
1050	2	215	3	51	1.4	3	10	431	4.46	699	5	ND	5	101	.2	2	5	97	1.92	.236	12	7	1.27	215	.25	3	2.17	.16	1.12	1	91
1051	2	368	3	51	2.5	3	36	420	6.14	6527	5	ND	4	93	.3	4	7	87	1.82	.184	11	5	1.19	120	.18	2	1.94	.16	.85	1	138
1052	2	278	4	61	1.9	3	20	1152	5.42	979	5	ND	5	96	.3	2	3	80	3.12	.191	11	6	1.32	128	.17	3	2.23	.11	.68	1	42
1053	2	392	2	69	3.4	3	37	660	6.95	7544	5	ND	4	64	.3	3	14	98	2.03	.176	9	5	1.55	130	.11	3	2.23	.13	.74	1	515
1054	2	332	2	49	1.1	3	9	408	5.42	135	5	ND	6	63	.3	2	3	102	1.57	.268	13	7	1.28	171	.26	3	1.96	.14	.79	4	21
1055	2	447	2	43	1.5	4	39	340	6.96	4754	5	ND	5	52	.4	2	19	83	1.53	.226	13	6	1.09	116	.17	2	1.57	.12	.62	1	850
1056	2	289	13	47	1.5	4	11	399	5.16	403	5	ND	5	51	.4	2	22	91	1.73	.247	14	7	1.16	153	.25	2	1.63	.12	.73	1	787
1057	3	205	11	42	1.2	7	41	394	4.68	5663	5	ND	6	46	.4	2	18	77	1.82	.245	15	8	1.12	107	.17	2	1.46	.12	.49	1	913
1058	3	40	2	26	.5	63	8	275	2.45	42	5	ND	1	19	.4	2	2	88	.46	.049	3	53	.90	50	.12	2	1.19	.07	.69	1	15
1059	3	179	2	40	1.2	6	21	460	4.76	1308	5	ND	6	50	.3	2	8	94	2.23	.258	14	7	1.43	121	.21	2	1.82	.11	.70	1	326
1060	3	209	7	44	1.4	4	10	554	4.33	789	5	ND	5	55	.3	2	8	88	2.51	.261	13	10	1.34	72	.18	2	1.78	.13	.19	1	378
1061	2	210	6	44	1.2	4	22	471	4.49	2574	5	ND	6	58	.5	2	32	90	2.40	.248	13	8	1.34	106	.18	2	1.77	.13	.55	1	1229
1062	3	195	5	41	.8	4	11	405	4.50	1431	5	ND	6	91	.4	2	4	97	2.23	.263	13	9	1.29	213	.25	2	2.06	.20	1.06	1	238
1063	3	282	6	43	.9	2	26	366	5.45	7176	5	ND	5	73	.4	9	3	92	1.81	.256	11	2	1.25	143	.19	2	1.85	.14	1.03	1	163
1064	4	210	5	45	1.2	6	11	489	5.14	249	5	ND	5	63	.5	2	3	92	1.77	.242	13	12	1.32	101	.21	3	1.77	.12	.59	1	52
1065	2	153	2	52	.6	3	10	580	5.32	52	5	ND	4	112	.4	2	3	116	1.93	.191	9	7	1.43	264	.28	3	2.63	.21	1.21	1	22
1066	2	163	2	51	.6	3	12	560	5.08	106	5	ND	5	129	.4	2	2	101	2.31	.225	11	7	1.22	284	.28	2	2.36	.20	1.52	1	116
1067	2	262	3	40	.8	3	10	407	5.27	164	5	ND	5	61	.5	2	6	92	2.08	.259	13	8	1.22	146	.26	2	1.71	.13	.74	1	21
1068	3	216	3	41	.6	4	11	399	4.65	444	5	ND	5	58	.5	2	4	76	1.81	.228	13	8	1.17	129	.25	2	1.65	.16	.73	1	7
1069	2	173	2	33	.6	22	14	296	3.91	179	5	ND	1	56	.5	2	2	63	1.16	.227	5	34	1.17	67	.14	2	1.44	.14	.65	1	17
1070	2	300	3	36	.6	29	16	307	4.20	85	5	ND	1	97	.8	2	5	55	1.65	.230	5	41	.98	85	.14	2	1.47	.19	.57	1	112
1071	2	523	3	45	1.0	31	16	349	4.34	292	5	ND	1	74	.9	2	5	71	1.87	.219	4	61	1.19	56	.15	2	1.50	.15	.52	1	92
1073	2	170	2	47	.5	23	13	615	4.37	115	5	ND	2	88	.5	2	2	89	4.13	.192	8	35	1.32	176	.25	2	2.36	.21	1.54	1	22
1074	3	79	3	29	.7	118	10	378	2.78	33	5	ND	1	64	.6	2	4	106	1.61	.054	5	51	1.28	68	.18	3	2.26	.26	1.15	1	8
1075	2	30	2	30	.2	13	48	246	2.57	5738	5	ND	1	140	.6	2	3	58	1.51	.059	3	26	1.13	68	.09	2	3.17	.42	1.12	1	111
1076	2	225	2	38	.7	37	14	537	4.12	391	5	ND	1	140	.6	2	3	75	3.89	.169	3	72	1.28	50	.14	4	2.62	.34	.69	1	23
STANDARD C/AU-R	18	56	36	133	7.1	71	34	1044	3.96	40	22	7	38	52	18.6	16	19	55	.48	.090	38	58	.89	175	.09	33	1.89	.06	.15	12	462

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 29 1991 DATE REPORT MAILED: Aug 1/91. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1077	4	280	8	28	.5	80	25	236	4.22	350	5	ND	1	32	.6	2	4	45	1.08	.107	4	34	.57	11	.12	2	.74	.09	.17	1	12
1078	2	112	3	39	.2	30	8	483	3.28	151	5	ND	1	111	.4	2	2	79	3.80	.148	2	58	1.38	56	.12	2	2.66	.30	.80	1	3
1079	3	163	2	45	.5	77	17	574	4.03	736	5	ND	1	141	.6	2	2	136	4.12	.119	3	82	1.51	87	.15	4	3.74	.35	.93	1	27
1080	1	247	4	39	.2	57	19	510	4.25	2093	5	ND	1	80	.4	2	4	96	3.24	.160	2	94	1.42	46	.14	2	1.87	.16	.31	1	40
1081	4	170	3	29	.4	101	14	241	3.56	66	5	ND	1	18	.5	2	2	101	.73	.041	3	75	.99	19	.15	2	.97	.07	.16	1	7
1082	7	200	2	31	.4	52	9	437	3.33	111	5	ND	1	79	.5	2	4	51	4.17	.099	2	29	.81	20	.10	2	1.87	.20	.21	1	7
1083	7	233	3	54	.5	45	12	560	4.33	6	5	ND	1	107	.6	2	2	38	5.46	.119	3	12	.36	17	.10	2	2.29	.32	.12	1	4
1084	8	141	11	140	.7	68	10	572	3.15	11	5	ND	1	62	2.4	2	2	84	3.28	.091	2	44	.87	18	.11	4	1.47	.15	.18	1	5
1085	3	81	8	81	.4	61	10	411	2.60	9	5	ND	1	52	1.4	2	2	72	2.22	.052	2	43	.83	19	.10	2	1.49	.15	.24	1	5
1086	2	85	8	27	.5	70	9	379	2.39	8	5	ND	1	31	.4	2	3	53	1.85	.036	2	36	.64	11	.08	4	.78	.05	.16	1	8
1087	2	115	2	58	.5	62	19	543	5.04	6	5	ND	1	117	.2	2	2	133	2.49	.122	3	81	2.04	100	.16	3	4.04	.33	.87	1	6
1088	2	144	6	52	.5	56	20	357	5.59	29	5	ND	1	123	.6	2	5	121	2.40	.129	2	112	2.10	119	.18	2	4.81	.36	1.31	1	5
1089	2	368	2	35	.7	44	13	354	4.57	22	5	ND	1	145	.4	2	2	94	2.84	.142	3	48	1.37	50	.13	3	2.95	.30	.37	1	14
STANDARD C/AU-R	21	59	37	131	7.2	70	29	1027	3.91	43	17	6	36	47	18.4	14	22	58	.47	.088	35	57	.88	174	.09	31	1.87	.06	.15	11	470

ACME ANALY AL LABORATORIES LTD. 852 E. HASTINGS ST. VAN ER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60 3-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3061 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN WATKINS

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
1090	1	380	6	37	.6	36	12	314	4.42	48	5	ND	1	216	.8	2	2	60	2.72	.171	2	46	1.09	115	.10	2	3.08	.37	.24	2	51
1091	11	360	3	47	.5	142	27	365	5.12	258	5	ND	1	181	1.2	2	2	63	2.24	.128	2	98	2.10	80	.09	2	3.38	.28	.51	2	33
1092	1	287	4	43	.5	41	14	304	4.16	22	5	ND	1	255	1.2	2	2	55	2.86	.161	3	66	1.05	122	.10	3	3.53	.39	.39	1	20
1093	1	327	5	35	.6	26	11	272	4.47	8	5	ND	1	235	.9	2	2	65	2.69	.216	4	29	1.01	148	.10	2	3.10	.35	.39	1	31
1094	5	503	4	49	.9	43	19	325	5.80	450	5	ND	1	185	1.4	2	5	95	2.81	.172	2	38	1.12	147	.10	2	3.51	.36	.62	1	242
1095	2	307	4	39	.7	22	12	302	4.13	19	5	ND	1	145	.9	2	2	59	2.95	.139	2	29	.62	113	.09	2	2.35	.36	.26	1	40
1096	3	373	4	26	.8	26	15	331	4.01	78	5	ND	1	113	1.0	2	2	56	2.99	.142	2	25	.52	74	.08	2	1.61	.24	.14	1	231
1097	22	148	3	108	.4	100	10	452	3.23	11	5	ND	1	126	1.6	2	2	109	4.60	.106	2	49	.22	38	.08	2	1.22	.18	.12	1	17
1098	3	122	5	99	.4	89	11	303	2.89	4	5	ND	1	42	1.0	2	2	72	1.29	.064	2	43	.59	26	.09	2	.96	.14	.14	1	16
1099	4	132	5	38	.5	116	16	640	3.89	13	5	ND	1	116	.9	2	2	55	5.28	.074	2	33	.43	23	.06	2	.89	.12	.14	1	22
1100	9	123	2	23	.4	88	13	1001	3.03	5	5	ND	2	263	1.0	2	2	47	10.16	.091	3	31	.21	23	.06	2	2.04	.19	.12	1	12
1102	2	122	8	26	.5	85	16	381	3.13	7	5	ND	1	154	.4	2	2	60	2.77	.093	2	48	.67	41	.09	2	2.32	.32	.33	1	16
1103	2	155	5	30	.6	115	16	309	3.60	2	5	ND	1	83	.7	2	2	49	2.02	.064	2	36	.56	34	.08	2	1.52	.18	.24	1	19
1104	4	190	3	28	.5	108	12	517	2.90	6	5	ND	1	129	.5	2	2	58	4.07	.068	2	39	.57	38	.07	2	2.16	.23	.29	1	9
1105	4	156	2	31	.4	85	10	825	2.71	2	5	ND	2	210	.4	2	2	42	6.71	.099	2	27	.33	27	.06	2	1.52	.16	.27	1	13
1106	3	151	6	29	.5	99	10	464	2.88	8	5	ND	1	192	.7	2	2	53	3.70	.087	2	33	.62	26	.07	2	1.92	.18	.16	1	14
1107	2	108	2	18	.3	88	10	592	2.51	5	5	ND	2	173	.2	2	2	40	6.78	.067	3	26	.55	15	.06	2	1.40	.08	.13	1	18
1108	2	97	2	26	.2	97	11	443	2.64	8	5	ND	1	149	.2	2	2	62	2.67	.071	2	39	1.09	57	.09	2	1.59	.13	.53	1	12
1109	2	96	2	27	.2	103	13	246	2.82	18	5	ND	1	49	.6	2	2	80	.72	.066	2	47	1.41	64	.10	2	1.90	.16	.76	1	14
1110	2	86	2	26	.2	108	13	287	2.89	16	5	ND	1	74	.3	2	2	81	.97	.052	2	44	1.02	68	.10	2	2.00	.22	.58	1	13
1111	2	62	3	30	.3	66	10	374	2.70	8	5	ND	1	49	.3	2	2	68	.94	.054	2	41	1.01	57	.09	2	1.74	.17	.57	1	51
1112	1	197	2	27	.4	47	20	353	4.09	3	5	ND	1	232	1.2	2	2	60	3.86	.151	2	43	.67	77	.10	2	4.28	.56	.40	1	17
1113	3	90	6	19	.2	56	10	334	2.46	8	5	ND	1	94	.3	2	2	65	2.68	.070	2	48	.55	45	.09	3	1.63	.19	.30	1	18
1114	2	100	2	17	.4	57	11	528	2.76	3	5	ND	2	103	.3	2	2	38	4.84	.128	3	31	.18	26	.10	2	1.45	.23	.13	1	20
1115	2	83	2	31	.3	72	10	327	2.93	28	5	ND	1	41	.4	2	2	83	1.27	.061	2	46	1.08	57	.12	2	1.65	.13	.81	1	29
1116	3	98	3	22	.3	88	13	392	2.90	12	5	ND	1	97	.9	2	2	60	3.32	.082	2	44	.56	32	.07	2	1.87	.22	.27	1	8
1117	5	95	3	26	.5	92	11	272	3.19	7	5	ND	1	74	.7	2	2	74	1.55	.077	2	52	.69	42	.10	2	1.57	.18	.38	1	8
1118	4	103	2	25	.4	105	11	342	3.04	4	5	ND	1	74	.6	2	2	62	1.78	.053	2	40	.94	42	.09	2	1.55	.16	.51	1	12
1119	2	95	2	27	.3	83	11	371	3.11	6	5	ND	1	74	.3	2	2	65	2.02	.072	2	47	.71	38	.10	2	1.42	.13	.39	1	15
1120	2	128	3	22	.3	44	18	378	4.40	3	5	ND	1	135	1.2	2	2	83	2.43	.149	2	35	.98	56	.11	2	2.67	.34	.39	1	9
1121	3	84	2	20	.4	56	15	515	3.07	7	5	ND	1	108	.4	2	2	38	3.99	.073	2	31	.30	19	.07	2	1.30	.15	.13	1	8
1122	2	121	2	13	.5	51	21	298	4.02	2	5	ND	1	195	1.0	2	2	37	3.35	.176	2	46	.51	51	.08	2	3.33	.49	.13	1	7
1123	3	55	7	27	.3	73	12	402	2.29	7	5	ND	1	72	.2	2	2	52	2.47	.056	2	41	.55	20	.09	3	1.10	.09	.08	1	9
1124	1	128	2	25	.4	76	16	264	3.58	2	5	ND	1	126	1.2	2	2	80	1.85	.112	2	60	1.08	78	.12	2	3.34	.37	.77	1	12
1125	3	117	5	24	.5	90	10	352	3.16	14	5	ND	1	51	.2	2	2	40	1.93	.084	2	35	.28	16	.09	2	.86	.12	.09	1	11
STANDARD C/AU-R	18	57	36	129	6.8	69	31	1051	3.98	40	18	7	38	52	17.4	16	21	54	.48	.092	36	56	.79	177	.07	34	1.93	.06	.14	12	462

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- *SAMPLE TYPE: CORE* *AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.*

DATE RECEIVED: JUL 31 1991 DATE REPORT MAILED: Aug 7/91. SIGNED BY...........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

KRL Resources Corp.   FILE # 91-3061

ACME ANALYTICAL

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
1126	3	107	2	39	.4	108	14	346	3.45	12	5	ND	1	34	.2	2	2	88	.70	.051	3	68	1.09	37	.10	2	1.17	.10	.51	1	20
1127	3	95	2	24	.2	69	12	430	3.07	6	5	ND	1	40	.2	2	2	53	2.19	.090	4	45	.57	17	.11	2	.84	.09	.18	1	15
1128	3	103	2	35	.5	90	17	457	3.62	14	5	ND	1	46	.2	2	2	60	2.66	.069	4	45	.75	19	.08	2	.86	.07	.07	1	14
1129	4	108	2	31	.3	99	14	403	3.09	18	5	ND	1	40	.3	2	2	71	1.26	.067	3	56	.98	29	.09	2	1.29	.11	.37	1	11
1130	3	104	2	29	.4	79	12	541	3.05	8	5	ND	1	70	.2	2	2	50	2.71	.075	3	39	.78	36	.10	2	1.48	.17	.33	1	13
1131	3	91	2	29	.5	94	12	429	2.98	12	5	ND	1	69	.2	2	2	65	2.30	.058	3	55	.81	49	.08	2	1.32	.12	.40	1	15
1132	3	76	2	28	.3	63	10	627	2.56	7	5	ND	1	68	.2	2	2	50	3.62	.079	3	39	.62	27	.09	2	.99	.10	.29	1	12
1133	6	93	2	35	.3	104	10	895	2.37	28	5	ND	1	165	.2	2	2	45	5.66	.135	3	39	.87	35	.07	2	1.65	.14	.28	1	7
1134	5	133	2	254	1.0	94	13	457	2.79	13	5	ND	1	74	3.2	2	2	65	2.68	.070	2	53	.62	54	.07	2	1.48	.19	.35	1	32
1135	3	102	2	110	1.1	53	14	653	3.26	6	5	ND	1	66	1.5	2	2	41	3.94	.115	5	33	.37	44	.09	4	1.39	.24	.12	1	16
1136	4	101	2	62	.8	72	14	505	3.41	4	5	ND	1	50	.5	2	2	81	2.08	.081	4	58	.86	52	.09	2	1.57	.19	.38	1	16
1137	5	93	2	106	.5	77	13	449	3.20	9	5	ND	1	56	1.1	2	2	83	2.26	.075	4	64	.81	49	.10	2	1.63	.20	.35	1	13
1138	4	84	2	30	.6	84	15	469	3.67	5	5	ND	1	52	.2	2	2	59	2.28	.069	3	44	.54	25	.09	4	1.23	.17	.18	1	10
1139	3	123	2	37	.8	64	14	649	3.71	3	5	ND	1	68	.2	2	2	55	3.80	.063	2	42	.63	21	.08	2	1.28	.13	.28	1	10
STANDARD C/AU-R	19	58	36	139	7.3	70	32	1075	4.04	42	22	7	40	52	18.5	16	18	56	.50	.092	39	58	.87	181	.09	36	1.91	.06	.15	11	460

ACME ANAL AL LABORATORIES LTD. 852 E. HASTINGS ST. VA VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6(53-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3180 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5

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
1140	3	123	4	22	.6	75	13	383	3.62	5	5	ND	1	59	.2	2	2	67	2.12	.056	2	50	.73	19	.08	2	1.37	.15	.41	1	1
1141	3	62	5	10	.3	54	11	794	1.88	163	5	ND	1	70	.2	2	2	15	6.42	.098	2	17	.21	9	.07	2	.73	.11	.04	1	264
1142	3	164	4	25	.6	52	21	453	4.43	328	5	ND	1	83	.2	3	2	62	3.04	.077	2	33	.86	32	.10	2	2.02	.24	.60	1	7
1143	1	314	4	22	.9	30	23	469	6.96	7	5	ND	1	81	.2	2	2	45	4.04	.080	2	22	.49	15	.09	2	1.37	.17	.12	1	3
1144	2	93	2	25	.5	33	10	381	3.20	9	5	ND	1	80	.2	2	2	75	2.01	.080	2	33	.87	46	.12	2	1.53	.18	.47	1	13
1145	3	98	6	21	.5	51	11	709	2.80	44	5	ND	1	133	.2	3	2	43	5.52	.093	2	24	.56	38	.10	2	1.71	.21	.35	1	11
1146	4	62	4	17	.4	74	9	733	1.62	29	7	ND	1	90	.2	4	2	30	5.13	.106	3	25	.33	11	.08	2	.95	.13	.10	1	15
1147	3	153	4	31	.6	94	20	523	4.76	5	5	ND	1	37	.2	2	2	90	.80	.066	2	46	1.00	25	.12	2	1.26	.12	.50	1	7
1148	3	99	4	27	.4	47	15	609	3.24	19	5	ND	1	55	.2	3	2	60	3.11	.071	2	38	.92	9	.07	2	1.33	.11	.07	1	9
1149	3	130	4	37	.5	113	21	512	4.34	24	5	ND	1	120	.2	2	3	110	2.43	.141	2	133	1.34	31	.13	2	3.07	.34	.91	1	5
1150	3	83	2	23	.4	50	12	824	3.08	9	5	ND	1	201	.2	2	2	64	6.56	.089	2	50	.83	20	.07	2	2.58	.26	.40	1	1
1151	4	129	2	21	.4	65	20	545	3.20	3150	5	ND	1	43	.2	3	2	58	3.31	.096	2	42	.81	4	.04	2	.89	.06	.04	1	106
1152	4	116	3	15	.3	74	7	580	2.21	69	5	ND	1	52	.2	2	2	31	4.72	.112	3	30	.49	4	.06	2	.67	.06	.03	1	35
1153	2	142	2	5	.2	48	8	775	2.29	34	5	ND	1	124	.2	2	2	3	9.40	.087	2	6	.14	2	.03	2	1.09	.11	.01	1	15
1154	5	159	2	18	.4	80	13	250	3.35	95	5	ND	1	58	.2	2	2	54	1.58	.130	3	43	.67	24	.10	2	1.29	.16	.31	1	1
1155	4	111	2	19	.3	72	12	255	2.43	257	5	ND	1	64	.2	2	3	46	2.22	.135	3	49	.70	16	.12	2	1.24	.17	.24	1	1
1156	2	143	5	15	.3	65	16	327	2.85	309	5	ND	1	90	.2	3	2	39	3.34	.131	2	41	.60	21	.10	2	1.51	.23	.23	1	2
1157	3	238	2	27	.6	60	18	226	3.93	142	5	ND	1	47	.2	2	2	93	.87	.079	2	55	1.21	61	.12	4	1.62	.16	.74	1	21
1158	2	434	8	29	.8	52	59	231	5.92	19312	5	2	1	50	.2	27	12	77	1.19	.075	2	38	.91	30	.07	2	1.41	.14	.33	1	891
1159	2	316	6	35	.7	28	13	256	4.50	187	5	ND	1	73	.3	2	2	77	1.22	.090	2	40	1.27	66	.16	2	2.19	.22	.92	1	4
RE 1155	4	116	3	18	.2	71	12	251	2.45	249	5	ND	1	65	.2	2	2	47	2.19	.133	3	50	.71	18	.12	2	1.25	.17	.25	1	1
1160	3	577	6	32	1.0	38	47	247	6.43	2615	5	ND	1	58	.2	3	4	56	1.59	.094	2	37	.91	18	.08	2	1.53	.17	.12	1	264
1161	3	326	5	30	.6	30	17	275	4.53	169	5	ND	1	67	.2	3	2	60	1.85	.110	2	39	1.09	40	.11	2	1.84	.21	.58	1	9
1162	3	185	4	36	.5	31	14	301	4.39	114	5	ND	1	79	.2	2	2	85	1.29	.106	2	43	1.65	75	.18	2	2.56	.27	1.33	1	16
1163	2	256	2	24	.4	34	19	252	4.50	272	5	ND	1	70	.2	3	2	53	1.55	.144	2	57	1.02	28	.09	2	1.77	.22	.32	1	5
1164	5	286	4	29	.6	35	31	245	5.62	909	5	ND	1	72	.2	3	5	62	1.50	.104	2	43	.96	57	.10	2	1.79	.19	.65	1	220
1165	1	198	5	34	.4	31	14	287	5.20	107	5	ND	1	85	.2	3	3	98	1.33	.139	2	45	1.59	74	.17	2	2.42	.24	1.05	1	32
1166	2	161	2	34	.3	32	14	263	3.69	153	5	ND	1	77	.2	2	2	74	1.31	.099	2	34	1.44	60	.16	2	2.19	.24	1.12	1	10
1167	9	132	2	23	.5	83	12	399	2.56	206	5	ND	1	93	.2	3	2	62	4.12	.125	4	49	.64	19	.09	2	1.45	.15	.27	1	15
1168	4	168	2	24	.5	50	16	289	3.54	109	5	ND	1	52	.2	2	3	67	1.91	.086	2	59	.83	36	.12	2	1.30	.16	.65	1	50
1169	4	289	4	21	.5	39	18	226	4.10	69	5	ND	1	42	.3	3	3	50	1.42	.099	2	33	.66	24	.11	2	1.01	.13	.35	1	5
1170	4	498	2	30	.8	68	24	314	5.44	51	5	ND	1	67	.2	3	3	65	2.08	.117	3	53	.88	24	.11	2	1.49	.17	.60	1	11
1171	3	259	3	26	.6	49	23	320	4.36	17	5	ND	1	152	.2	2	2	60	2.75	.172	3	48	.89	52	.12	2	2.29	.33	.65	1	11
1172	2	192	6	34	.4	29	36	274	4.36	8109	5	ND	1	101	.2	16	9	90	1.70	.137	2	37	1.48	53	.10	2	2.44	.24	.91	1	671
1173	2	298	2	42	.5	24	15	310	4.59	206	5	ND	1	121	.2	2	2	102	1.45	.118	2	30	1.96	104	.17	2	3.20	.27	1.92	1	24
1174	2	239	2	17	.3	31	21	267	4.26	51	5	ND	1	112	.2	2	2	54	2.87	.145	4	21	.59	48	.11	2	1.88	.28	.31	1	21
1175	1	369	3	33	.8	33	14	340	4.64	35	5	ND	1	144	.2	3	2	80	3.10	.162	3	46	1.07	79	.12	2	2.92	.36	.74	1	23
STANDARD C	18	58	40	132	7.0	69	32	1035	3.95	42	15	6	37	52	18.8	14	18	57	.47	.090	38	57	.87	177	.09	34	1.87	.06	.15	11	451

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 5 1991 DATE REPORT MAILED: Aug 9/91. SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

KRL Resources Corp. FILE # 91-3180

ACME ANALYTICAL

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
1176	1	162	4	49	.7	22	9	477	3.74	320	5	ND	1	63	.2	4	3	113	2.44	.160	3	34	1.97	43	.10	3	1.99	.08	.63	1	46
1177	1	302	5	45	.9	30	11	392	4.58	72	5	ND	1	109	.3	2	2	93	2.55	.147	2	50	1.62	111	.16	2	2.52	.20	1.40	1	28
1178	1	196	2	45	.6	24	14	548	3.93	259	5	ND	1	100	.2	6	2	92	3.62	.143	3	52	1.93	37	.10	2	2.05	.10	.27	1	36
1179	1	202	5	33	.5	18	8	435	2.95	45	5	ND	1	109	.2	3	2	77	3.40	.108	3	29	1.15	48	.09	2	1.94	.19	.38	1	16
1180	1	149	2	19	.4	12	8	170	2.70	85	5	ND	1	70	.2	2	2	39	1.49	.049	3	12	.68	47	.06	2	1.80	.21	.55	1	89
1181	1	242	2	31	.7	14	10	282	3.63	66	5	ND	1	93	.2	2	2	73	1.85	.127	3	22	1.18	62	.11	2	1.81	.18	.70	1	60
1182	1	212	6	32	.7	69	21	415	4.08	99	5	ND	1	182	.2	2	3	53	3.36	.131	2	119	1.23	80	.14	2	2.73	.32	.80	1	20
1183	1	621	7	44	3.6	6	12	637	6.32	125	5	ND	3	73	.5	3	3	53	4.66	.131	4	8	1.45	35	.11	2	1.29	.03	.32	1	14
1184	2	333	8	40	2.6	4	7	499	4.50	20	5	ND	5	58	.3	3	4	78	3.64	.219	7	8	1.31	21	.16	2	1.59	.07	.13	1	9
1185	3	226	5	39	.7	18	8	305	4.71	22	5	ND	4	65	.2	3	2	79	1.32	.162	9	14	1.54	47	.21	2	1.93	.14	.59	1	2
1186	32	199	7	25	.6	138	14	296	4.30	78	5	ND	1	99	.2	2	4	272	1.71	.144	6	113	1.07	96	.20	2	1.79	.23	.83	1	12
1187	31	636	4	50	1.0	145	29	463	7.69	782	5	ND	1	75	.4	3	3	273	3.29	.130	3	112	1.50	43	.16	2	1.99	.14	.38	1	76
1188	24	297	4	25	.8	118	13	398	4.68	71	5	ND	1	90	.2	2	4	146	3.69	.132	4	71	.62	38	.16	2	1.51	.22	.27	1	2
1189	26	238	4	26	.5	127	12	250	4.48	95	5	ND	1	65	.2	2	4	243	1.46	.105	4	100	1.04	55	.16	2	1.73	.17	.49	1	8
1190	21	285	5	35	.6	99	14	322	5.06	209	5	ND	1	100	.2	2	4	272	1.91	.153	3	91	1.46	115	.20	2	2.68	.28	1.25	1	10
1191	24	343	11	40	1.2	93	14	376	5.32	564	5	2	1	67	.2	3	10	294	1.97	.111	3	117	1.52	76	.18	2	2.14	.15	.87	1	1010
1192	4	265	7	27	.9	36	8	304	3.89	55	5	ND	1	50	.2	2	2	64	2.29	.052	4	24	.67	47	.09	2	1.08	.09	.20	1	119
1193	2	247	30	63	1.4	32	9	818	6.04	9	5	ND	1	69	.2	3	4	162	2.04	.253	5	50	2.30	80	.20	2	2.47	.13	.15	1	4
1194	6	254	62	134	1.6	32	8	776	4.68	13	5	ND	2	41	.4	6	5	137	1.46	.156	8	55	2.27	46	.21	2	2.05	.05	.11	1	1
1195	2	93	11	33	.7	16	6	374	2.38	22	5	ND	1	37	.2	2	3	57	1.34	.053	5	27	.87	56	.10	2	1.00	.06	.13	1	34
1196	2	217	18	47	.9	52	11	455	3.66	47	5	ND	1	119	.2	7	4	67	2.18	.162	3	83	1.40	42	.16	2	2.40	.23	.23	1	1
1197	2	274	10	61	1.1	38	10	506	4.12	38	5	ND	1	75	.3	7	2	96	4.83	.201	4	51	1.30	19	.16	2	2.85	.03	.14	1	5
RE 1193	2	252	28	65	1.4	33	9	844	6.21	12	5	ND	1	70	.2	4	3	168	2.12	.269	5	52	2.39	78	.20	2	2.54	.13	.15	1	2
1198	11	135	2	112	.4	63	11	715	3.14	11	5	ND	1	179	1.5	2	2	65	5.09	.105	3	35	.60	62	.13	2	1.53	.23	.24	1	2
1199	5	64	4	37	.3	30	9	633	2.88	40	5	ND	1	133	.2	2	2	86	3.76	.102	3	37	1.12	67	.17	2	2.03	.22	.51	1	2
1200	2	124	9	28	.4	11	7	333	2.46	7	5	ND	1	45	.2	2	2	48	1.76	.050	4	19	.67	32	.09	2	1.04	.07	.14	1	2
1201	2	103	11	30	.4	11	5	394	2.33	13	5	ND	1	44	.2	2	2	48	2.35	.049	4	17	.83	23	.09	2	1.18	.06	.12	1	1
1202	2	62	4	34	.2	12	5	449	2.58	5	5	ND	1	81	.2	2	2	46	1.97	.061	4	18	.94	26	.08	2	1.59	.13	.22	1	1
1203	1	122	12	31	.4	9	5	435	2.87	23	5	ND	1	66	.2	2	2	47	2.57	.061	4	19	1.01	20	.08	2	1.38	.08	.14	1	7
1204	1	182	17	37	.8	16	6	471	3.60	78	5	ND	1	74	.3	2	2	40	3.10	.058	6	17	1.04	28	.06	2	1.36	.05	.17	1	10
1205	3	90	33	81	.5	57	10	528	3.01	44	5	ND	1	75	.9	3	2	81	3.29	.055	3	46	1.60	29	.11	2	1.58	.08	.25	1	3
1206	5	90	10	28	.5	67	7	1069	2.48	88	5	ND	1	316	.2	2	2	72	11.20	.129	4	54	1.00	15	.06	2	.99	.05	.15	1	4
1207	2	107	11	41	.6	73	11	875	3.36	87	5	ND	1	537	.2	3	2	72	6.68	.046	3	36	1.38	49	.12	2	1.74	.09	.53	1	6
1208	19	105	2	36	.4	86	10	1084	3.31	150	5	ND	1	173	.2	2	2	214	6.01	.071	2	78	1.06	90	.12	2	2.47	.21	.83	1	1
1209	2	112	2	64	.4	60	20	719	3.30	7	5	ND	1	160	.4	2	2	67	3.30	.130	2	134	1.46	48	.10	2	3.02	.35	.22	1	20
1210	26	124	4	30	.5	111	14	587	3.64	97	5	ND	1	129	.2	2	2	196	2.89	.107	3	84	.93	85	.11	2	2.12	.31	.71	1	1
1211	12	161	2	38	.6	89	23	534	4.50	813	5	ND	1	181	.2	3	2	184	2.78	.124	3	75	1.54	99	.17	2	2.51	.30	1.20	1	1
STANDARD C	18	57	38	132	7.0	70	32	1037	3.95	42	18	7	36	53	18.8	16	18	56	.48	.090	37	58	.88	176	.09	34	1.88	.06	.15	11	460

Samples beginning 'RE' are duplicate samples.

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
1212	1	21	4	3	.1	8	2	3652	.70	58	5	ND	1	1396	.2	2	2	7	27.33	.005	19	3	.16	14	.01	2	.16	.01	.05	1	4
1213	1	109	2	41	.2	85	18	698	4.08	67	5	ND	1	163	.4	2	2	110	3.01	.064	2	54	1.80	155	.13	2	3.11	.31	1.49	1	10
1214	2	91	2	18	.3	91	13	383	2.84	51	5	ND	1	63	.2	2	2	69	1.68	.045	2	34	.96	46	.08	2	1.25	.08	.25	2	7
1215	1	82	4	21	.2	64	9	263	2.69	29	5	ND	1	37	.2	2	2	74	.74	.054	2	39	.99	88	.10	3	1.21	.07	.35	1	11
1216	1	177	3	47	.3	47	18	492	3.87	199	5	ND	1	146	.4	2	2	117	2.41	.109	2	46	1.70	169	.13	2	2.71	.27	1.05	2	10
1217	1	207	5	24	.3	46	17	465	3.61	106	5	ND	1	96	.3	2	2	66	3.19	.142	2	58	1.04	82	.09	2	1.70	.18	.20	1	8
1218	1	207	2	29	.3	41	16	546	3.68	103	5	ND	1	135	.6	2	2	80	4.29	.146	2	76	1.32	213	.11	2	2.21	.25	.62	1	11
1219	1	218	3	28	.3	45	19	452	3.54	114	5	ND	1	109	.2	2	2	64	3.43	.154	2	61	.99	110	.10	2	1.71	.21	.26	1	19
1220	1	273	2	33	.4	48	26	445	3.82	208	5	ND	1	103	.3	2	2	72	3.63	.150	2	56	1.00	164	.10	2	1.78	.22	.42	1	13
1221	1	97	2	22	.1	37	9	273	2.84	30	5	ND	1	35	.2	2	2	70	.81	.041	2	35	.96	93	.08	2	1.16	.07	.44	1	6
1222	1	80	4	23	.1	43	8	223	2.41	23	5	ND	1	46	.2	2	2	70	.89	.070	2	37	.75	129	.10	4	1.16	.09	.57	1	5
1223	1	139	2	53	.1	49	32	629	4.57	1012	5	ND	1	188	.6	2	2	151	3.95	.126	2	116	2.24	259	.15	2	4.25	.43	1.84	1	31
1224	1	65	3	24	.1	58	10	251	2.44	81	5	ND	1	67	.2	2	2	74	.93	.045	2	35	1.07	105	.08	2	1.71	.13	.77	1	11
1225	2	103	2	24	.3	114	16	461	3.00	66	5	ND	1	61	.2	2	2	86	2.34	.058	2	35	1.07	52	.08	2	1.74	.17	.62	1	7
1226	1	82	2	36	.2	55	18	824	3.68	27	5	ND	1	109	.4	2	2	127	4.91	.100	4	43	1.75	37	.09	2	2.80	.25	1.09	1	6
1227	2	126	2	26	.2	92	16	659	3.65	49	5	ND	1	112	.3	2	2	97	4.24	.049	2	53	1.46	42	.08	2	2.75	.26	.60	1	7
1228	1	160	2	79	.3	67	24	1031	5.41	20	5	ND	1	159	.6	2	2	170	4.91	.129	3	160	3.10	152	.16	2	4.32	.33	3.52	1	4
1229	2	99	2	35	.1	110	13	473	3.27	19	5	ND	1	79	.2	2	2	133	2.03	.059	2	59	1.62	80	.12	2	3.08	.32	1.26	1	4
1230	1	121	5	44	.2	79	13	588	3.42	13	5	ND	1	114	.4	2	2	117	4.16	.074	2	53	1.68	71	.11	2	2.61	.23	1.36	1	4
1231	1	91	3	35	.2	135	10	284	2.93	40	5	ND	1	78	.2	2	2	94	1.60	.066	2	42	1.52	90	.11	2	2.25	.20	1.17	1	2
1232	2	111	3	20	.2	97	10	192	2.61	20	5	ND	1	40	.2	2	2	80	.71	.053	2	38	1.04	46	.08	2	1.37	.10	.45	1	2
1233	1	60	2	18	.1	80	8	194	2.12	31	5	ND	1	42	.2	2	2	56	.72	.025	2	27	.99	47	.06	3	1.32	.10	.52	1	3
1234	1	54	4	20	.1	63	7	270	2.27	18	5	ND	1	70	.2	2	2	65	1.25	.040	2	33	1.12	74	.07	2	1.73	.16	.69	1	4
1235	1	57	2	75	.1	27	17	823	4.50	3	5	ND	1	180	.2	2	2	157	4.01	.174	3	68	2.71	275	.16	2	3.92	.32	3.65	1	5
1235A	1	188	2	99	.3	28	16	716	5.37	2107	5	ND	1	279	.8	2	6	183	3.99	.178	3	81	3.12	160	.13	2	3.94	.25	1.97	1	88
1236	1	142	2	27	.3	30	10	587	3.42	41	5	ND	1	126	.4	2	3	108	4.54	.120	5	45	1.41	98	.12	3	2.25	.20	.90	2	27
1237	1	72	2	38	.7	38	57	304	5.55	36941	5	2	1	88	.2	2	56	84	1.84	.090	2	48	1.27	52	.06	2	2.42	.26	.67	1	2120
1238	1	151	2	38	.2	32	7	368	3.48	184	5	ND	1	100	.2	2	2	98	2.17	.102	2	51	1.58	69	.11	2	2.52	.25	1.17	1	16
1239	3	68	3	17	.4	43	7	309	1.83	30	5	ND	1	33	.4	2	2	63	1.60	.042	2	43	.64	16	.04	3	.79	.03	.14	1	3
1240	2	161	4	30	.5	52	9	572	2.14	35	5	ND	1	47	.2	2	2	58	3.25	.043	2	39	.82	14	.04	3	.96	.03	.21	1	9
RE 1237	2	70	2	24	.6	36	53	293	5.26	34300	5	2	1	84	.2	2	55	82	1.73	.084	2	48	1.27	50	.06	2	2.34	.24	.61	1	2140
1241	1	144	2	92	.3	60	17	764	3.63	295	5	ND	1	92	.2	2	2	156	2.91	.105	2	93	2.02	56	.10	2	2.64	.18	.81	1	27
1242	2	110	2	47	.3	61	14	762	3.64	113	5	ND	1	177	.5	2	2	148	5.46	.118	4	79	2.11	40	.10	2	2.92	.15	.76	1	6
1243	1	278	3	39	.3	29	15	519	4.36	23	5	ND	1	119	.3	2	2	115	3.09	.110	3	62	1.67	44	.09	2	1.78	.09	.37	1	34
1244	1	332	2	36	.4	34	18	537	4.35	56	5	ND	2	127	.3	2	2	106	3.51	.144	5	42	1.37	92	.10	2	1.78	.13	.61	1	33
1245	2	330	2	37	.4	26	19	509	4.83	4	5	ND	1	144	.5	2	2	135	3.13	.173	6	19	1.62	135	.11	2	2.10	.15	.74	1	19
1246	11	268	2	15	.4	82	17	452	3.67	4	5	ND	1	94	.3	2	2	123	4.40	.114	6	62	.62	19	.09	2	.74	.06	.12	1	23
STANDARD C/AU-R	19	60	39	133	6.9	75	34	1045	3.97	40	18	7	39	53	17.3	16	19	59	.42	.090	40	57	.86	177	.08	32	1.94	.06	.14	11	480

Samples beginning 'RE' are duplicate samples.

KRL Resources Corp. FILE # 91-3180

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
1247	12	328	2	43	.5	69	24	495	4.58	144	5	ND	1	95	.2	2	2	135	3.16	.122	6	61	1.34	146	.13	2	1.65	.10	.73	1	17
1248	20	343	2	33	.6	69	22	470	4.61	2	5	ND	1	111	.2	2	4	149	3.66	.118	7	40	1.06	125	.15	2	1.42	.12	.69	1	13
1249	3	164	2	35	.5	17	11	352	3.04	21	8	ND	2	79	.2	2	2	74	1.82	.075	4	54	1.13	101	.08	7	1.48	.10	.47	1	11
1250	1	139	2	44	.2	12	10	333	3.23	49	5	ND	2	122	.2	2	2	63	1.68	.068	4	64	1.36	129	.10	6	2.26	.19	.80	2	2
1251	1	344	3	59	.5	20	16	561	5.64	260	5	ND	1	150	.2	2	4	150	3.31	.122	4	45	2.20	212	.20	2	3.34	.24	1.66	1	10
1252	2	134	3	33	.4	17	6	324	3.19	3	5	ND	3	54	.2	2	3	76	1.63	.071	6	15	1.15	38	.09	4	1.63	.09	.25	1	2
1253	8	508	2	59	.8	62	18	542	6.32	16	5	ND	1	88	.2	2	4	210	2.96	.115	4	90	2.03	144	.19	2	2.83	.16	1.51	1	12
1254	13	248	6	53	1.3	58	15	594	5.85	15274	5	5	1	76	.2	5	75	239	3.44	.130	5	105	2.01	131	.15	2	2.42	.08	1.27	1	5200
1255	26	362	2	39	.7	115	18	514	4.80	23	5	ND	1	63	.2	2	10	294	4.00	.118	7	109	1.11	120	.16	2	1.27	.05	.77	1	12
1256	4	240	2	60	.4	25	19	608	5.10	9	5	ND	1	146	.2	2	2	198	3.90	.159	4	27	2.34	297	.23	3	3.45	.21	1.95	1	9
1257	26	320	2	42	.6	119	19	455	4.91	3	5	ND	1	82	.2	2	2	317	3.44	.128	7	111	1.41	117	.17	2	1.72	.10	.89	1	8
1258	7	46	4	50	.2	23	18	414	4.57	11136	5	ND	1	62	.3	5	3	184	1.59	.147	4	64	2.15	101	.12	2	2.77	.13	1.10	3	520
RE 1255	24	348	2	37	.6	105	17	479	4.67	21	5	ND	1	61	.2	2	2	276	3.82	.108	7	102	1.05	114	.16	2	1.23	.05	.73	1	11
1259	1	13	8	73	.1	8	4	515	4.03	582	5	ND	1	54	.4	2	2	144	1.54	.143	4	71	2.51	79	.11	3	3.22	.10	.78	1	18
1260	1	196	9	45	.3	11	9	370	4.23	15	5	ND	1	137	.2	2	2	78	1.96	.118	3	18	1.63	127	.12	2	2.97	.27	1.18	1	5
1261	1	196	5	36	.3	9	8	318	4.01	104	5	ND	1	147	.4	2	6	69	2.01	.092	3	14	1.26	80	.11	2	2.68	.27	.88	1	8
1262	2	27	6	95	.1	5	15	956	5.19	57	5	ND	4	108	.2	2	2	99	1.41	.196	11	11	1.55	436	.27	5	2.83	.14	1.46	1	10
1263	2	157	7	76	.6	101	17	523	4.08	32	5	ND	1	25	.3	2	2	92	.42	.056	4	58	1.05	187	.16	2	1.36	.06	.64	1	8
1264	4	115	5	78	.3	132	16	373	3.27	23	5	ND	1	23	.3	2	2	105	.63	.059	4	62	.88	175	.15	2	1.13	.05	.57	1	11
1265	1	253	9	65	.7	56	22	448	5.11	49	5	ND	1	87	.5	2	5	136	1.23	.159	3	109	1.86	241	.19	2	2.48	.16	1.25	1	16
1266	2	269	6	52	.7	44	20	426	5.09	155	5	ND	1	80	.2	2	2	101	1.44	.115	3	82	1.85	243	.18	2	2.47	.16	1.59	1	12
1267	1	117	10	58	.3	33	14	482	4.08	16	5	ND	1	93	.2	2	2	103	1.37	.162	3	66	2.01	210	.17	2	2.56	.17	1.60	1	3
1268	1	245	8	51	1.0	19	10	565	3.21	4	5	ND	1	95	.3	2	3	73	2.36	.148	4	36	1.25	87	.12	4	1.57	.10	.60	1	1
1269	1	143	10	44	.4	13	10	510	3.16	4	5	ND	1	47	.2	2	2	43	1.35	.080	3	21	1.08	36	.08	2	1.22	.06	.14	1	1
STANDARD C/AU-R	19	56	39	132	7.3	70	31	1044	3.96	42	18	7	38	52	18.5	15	19	55	.48	.092	38	58	.88	174	.09	33	1.88	.06	.15	12	470

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3313 Page 1
1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN WATKINS

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
1270	2	155	2	43	.4	33	17	495	3.18	573	5	ND	1	78	.2	2	2	49	2.98	.059	4	32	.94	45	.07	2	1.28	.06	.27	1	45
1271	2	66	5	82	.2	14	19	973	5.73	38	5	ND	1	104	.2	2	2	158	4.49	.216	5	26	1.66	223	.23	2	2.79	.16	1.22	1	5
1272	2	200	2	43	.4	5	9	424	5.00	18	5	ND	2	56	.2	2	2	121	2.04	.252	12	7	1.49	188	.29	2	1.99	.09	1.16	1	25
1273	1	182	5	58	.4	15	14	697	5.24	19	5	ND	1	102	.2	2	2	164	3.69	.236	4	22	1.83	322	.24	20	2.69	.17	1.89	1	6
1274	3	200	6	36	.5	6	8	365	3.41	5	5	ND	4	39	.2	2	2	117	1.67	.269	13	21	1.04	143	.23	3	1.39	.08	.63	1	3
1275	2	350	11	84	1.2	29	20	975	6.14	6	5	ND	1	77	.2	2	2	144	2.19	.078	5	31	1.89	159	.20	3	2.26	.06	.91	1	8
1276	3	124	12	58	.7	56	16	474	4.46	3	5	ND	1	59	.2	2	3	131	.91	.065	3	57	1.37	142	.21	2	1.68	.10	.93	1	6
1277	3	165	10	91	.6	55	17	566	4.04	43	5	ND	1	88	.7	2	2	89	3.04	.130	6	37	1.18	82	.18	3	1.42	.11	.61	1	9
1278	2	95	3	94	.3	56	15	477	4.08	21	5	ND	1	69	.5	2	2	121	2.18	.109	4	51	1.60	207	.22	2	2.25	.15	1.37	1	5
1279	3	81	6	43	.5	43	15	528	2.75	19	5	ND	1	84	.2	2	2	89	3.82	.136	3	74	1.20	47	.18	4	1.73	.17	.51	1	6
1280	7	292	17	22	1.2	51	25	455	6.43	13	5	ND	1	47	.2	2	2	35	3.54	.117	3	17	.34	10	.09	3	.58	.08	.06	1	23
1281	8	136	16	58	.6	37	9	459	2.53	101	5	ND	1	38	.7	2	2	39	4.54	.077	2	19	.60	6	.08	2	.70	.05	.05	1	6
1282	1	102	9	26	.5	14	37	266	2.31	2614	5	ND	1	35	.2	2	2	48	1.97	.047	3	14	.83	12	.06	2	1.07	.08	.17	1	6
1283	5	103	3	24	.2	36	7	460	2.71	10	5	ND	1	57	.2	2	2	78	3.30	.047	2	27	.72	16	.09	4	1.18	.13	.26	1	5
1284	20	137	2	144	.4	102	13	813	3.75	6	5	ND	1	117	1.1	2	2	218	4.97	.096	2	83	1.05	49	.12	4	2.16	.26	.69	1	1
1285	27	143	7	711	.6	124	12	578	3.29	2	5	ND	1	73	7.9	2	2	180	5.18	.106	3	69	.58	31	.10	3	1.94	.21	.36	3	5
1286	26	122	6	546	.4	117	11	540	3.06	19	5	ND	1	75	5.9	2	2	187	4.73	.101	3	71	.64	42	.12	2	1.97	.18	.59	2	2
1287	4	122	3	56	.4	124	15	310	3.09	21	5	ND	1	27	.3	2	2	89	1.14	.052	3	49	.75	29	.13	4	.96	.08	.17	1	6
1288	2	136	3	72	.5	107	15	333	3.41	18	5	ND	1	32	.3	2	2	79	.74	.050	3	51	1.08	48	.12	3	1.19	.08	.44	1	19
1289	5	123	5	54	.3	91	13	364	3.30	85	5	ND	1	35	.3	2	2	106	1.95	.075	4	57	.92	75	.13	2	1.10	.05	.54	1	17
1290	3	311	6	36	.9	14	10	340	4.37	389	5	ND	3	50	.4	2	3	80	2.57	.186	12	9	1.03	54	.18	2	1.25	.05	.29	1	5
1291	2	232	5	38	.8	2	7	420	4.34	89	5	ND	3	85	.2	2	2	75	3.64	.209	11	5	1.13	104	.23	3	1.56	.08	.59	1	2
1292	2	166	2	39	.7	9	32	511	4.11	7074	5	ND	3	71	.2	2	2	72	6.26	.181	9	1	1.13	50	.11	3	1.55	.04	.26	1	87
1293	2	114	3	59	.3	2	11	589	4.58	333	5	ND	2	87	.2	2	2	94	1.83	.175	9	3	1.40	172	.25	5	2.00	.09	.86	1	9
1294	2	83	5	82	.3	2	15	761	4.87	177	5	ND	2	97	.2	2	2	99	2.45	.162	9	3	1.40	239	.28	6	2.38	.10	1.26	1	6
~~RE 1290~~	~~4~~	~~325~~	~~5~~	~~39~~	~~.9~~	~~13~~	~~11~~	~~362~~	~~4.65~~	~~432~~	~~5~~	~~ND~~	~~3~~	~~54~~	~~.3~~	~~2~~	2	84	2.72	.217	13	8	1.08	59	.19	2	1.32	.06	.32	1	4
1295	2	192	6	43	.4	3	16	490	5.43	1096	5	ND	2	88	.2	2	2	109	2.70	.159	9	4	1.39	150	.23	4	2.24	.16	1.10	1	13
1296	2	251	7	36	1.0	5	14	289	4.93	239	5	ND	2	149	.2	2	4	115	2.13	.175	7	4	1.29	125	.20	6	3.53	.42	1.17	1	50
1297	1	329	13	67	1.0	3	15	424	5.36	2032	5	ND	2	90	.6	2	3	103	2.84	.147	8	4	1.32	120	.22	6	2.34	.13	.76	1	27
1298	1	211	7	49	.7	2	11	471	4.81	49	5	ND	1	82	.3	2	2	94	2.68	.142	8	4	1.16	123	.24	2	1.88	.10	.69	1	8
1299	1	273	12	49	.9	2	12	458	5.53	17	5	ND	2	100	.2	2	2	108	2.84	.156	8	4	1.37	151	.25	4	2.44	.15	.91	1	2
1300	1	313	6	50	1.1	1	5	382	5.07	67	5	ND	2	62	.2	2	2	110	2.05	.163	8	3	1.45	126	.24	2	1.93	.08	.69	1	93
1301	2	175	6	43	1.0	3	49	347	5.81	21707	5	3	3	53	.3	10	23	93	2.09	.171	8	1	1.34	72	.10	3	1.70	.07	.53	1	1540
1302	1	60	2	70	.2	1	12	847	4.95	31	5	ND	3	86	.2	2	2	103	2.40	.213	10	1	1.38	397	.30	4	2.48	.12	1.96	1	11
1303	2	81	7	70	.3	2	12	856	4.96	17	5	ND	4	81	.2	4	2	102	2.00	.223	11	1	1.40	393	.31	4	2.42	.10	1.82	1	4
1304	2	331	5	44	1.4	2	17	316	5.14	4136	5	ND	5	67	.2	2	3	93	2.23	.241	12	2	1.39	79	.16	4	2.09	.13	.68	1	68
1305	2	250	7	35	.5	13	12	368	4.63	21	5	ND	4	95	.2	4	2	99	2.32	.216	11	8	1.35	148	.22	3	2.69	.26	1.09	1	2
STANDARD C/AU-R	18	56	41	132	7.2	70	32	1038	3.91	41	20	6	37	52	19.0	15	18	57	.48	.089	39	58	.88	178	.09	34	1.88	.07	.15	11	480

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 8 1991 DATE REPORT MAILED: Aug 14/91. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1306	2	99	2	47	.3	5	12	516	4.53	75	5	ND	6	108	.2	2	2	94	2.52	.247	10	4	1.44	115	.23	2	3.60	.42	1.67	1	10
1307	2	81	5	37	.4	87	12	511	3.04	49	5	ND	2	85	.2	3	2	77	2.26	.087	4	26	1.19	47	.18	3	2.63	.25	.97	1	4
1308	1	84	3	52	.5	82	16	1233	4.43	32	5	ND	1	170	.2	4	2	113	6.05	.087	2	111	1.48	100	.18	2	3.58	.29	1.80	1	6
1309	1	73	3	34	.3	76	11	680	3.07	19	5	ND	1	127	.2	2	2	106	4.53	.070	2	41	.94	53	.13	2	3.56	.38	.91	1	6
1310	3	66	5	22	.3	74	9	728	2.41	24	5	ND	1	66	.2	2	2	49	4.59	.042	2	41	.60	12	.06	2	.95	.04	.19	1	9
1311	3	79	5	33	.3	75	10	502	2.76	221	5	ND	1	61	.2	2	2	63	2.99	.058	3	47	.98	22	.08	2	1.30	.07	.32	1	8
1312	3	61	5	34	.2	64	6	363	2.36	46	5	ND	1	76	.2	2	2	114	1.91	.048	3	47	1.22	41	.13	2	1.94	.23	.89	1	7
1313	2	104	2	32	.5	71	14	418	3.20	19	5	ND	1	65	.2	2	4	91	2.44	.062	3	39	1.20	35	.12	2	1.53	.15	.69	1	31
1314	2	38	2	31	.2	56	7	247	2.28	17	5	ND	1	43	.2	2	2	106	.59	.048	3	46	1.54	78	.16	2	1.79	.15	1.23	1	13
1315	2	61	2	31	.2	62	16	377	2.39	50	5	ND	1	89	.2	2	3	91	2.76	.095	3	71	1.23	44	.16	2	1.66	.19	.70	1	7
1316	3	101	3	29	.2	84	13	277	3.13	32	5	ND	1	42	.2	2	2	97	1.18	.058	3	47	1.14	49	.16	2	1.41	.12	.69	1	5
1317	3	98	2	24	.3	90	11	246	2.68	755	5	ND	1	28	.2	2	2	75	.95	.049	4	51	.83	28	.09	2	1.03	.08	.31	1	17
1319	2	93	2	33	.1	99	9	332	2.90	62	5	ND	1	46	.2	2	2	89	1.51	.046	3	42	1.21	54	.12	2	1.70	.16	.81	1	7
1320	2	62	6	39	.1	28	6	273	2.44	274	5	ND	1	46	.2	2	2	62	.74	.049	4	23	1.19	52	.10	2	1.55	.12	.65	1	5
1321	1	131	4	54	.2	43	11	324	3.54	628	5	ND	1	32	.2	2	2	94	1.08	.061	3	49	1.37	69	.12	2	1.49	.06	1.08	1	16
1322	2	79	4	52	.3	4	11	604	4.18	102	5	ND	4	43	.2	2	2	92	1.53	.251	17	6	1.13	105	.27	2	1.64	.08	.64	1	3
1323	2	56	2	72	.3	2	11	742	5.35	9	5	ND	4	74	.2	2	2	100	1.80	.270	13	3	1.51	287	.30	2	2.60	.13	1.84	1	6
1324	2	108	2	35	.2	103	11	265	3.27	52	5	ND	1	46	.2	3	2	92	1.02	.040	3	47	1.39	51	.16	2	2.01	.19	.79	1	7
1325	2	129	2	44	.3	4	8	501	4.39	56	5	ND	2	99	.2	2	2	97	2.75	.163	8	4	1.33	145	.23	2	2.11	.11	.91	1	5
1326	2	114	7	52	.3	2	14	669	4.90	151	5	ND	2	99	.2	2	3	90	2.07	.171	9	5	1.36	132	.25	8	2.20	.09	.67	1	8
1327	1	139	2	52	.4	1	9	939	4.29	17	5	ND	1	62	.2	2	2	84	2.77	.148	8	6	1.19	28	.21	113	1.66	.06	.12	1	3
~~RE 1323~~	~~2~~	~~52~~	~~2~~	~~70~~	~~.2~~	~~2~~	~~11~~	~~729~~	~~5.20~~	~~10~~	~~5~~	~~ND~~	~~4~~	~~72~~	~~.2~~	~~2~~	~~2~~	~~98~~	~~1.77~~	~~.260~~	~~13~~	~~2~~	~~1.50~~	~~262~~	~~.29~~	~~4~~	~~2.56~~	~~.13~~	~~1.79~~	~~1~~	~~9~~
1328	3	62	3	94	.2	2	11	781	5.07	12	5	ND	2	98	.2	4	3	89	1.55	.183	9	3	1.84	311	.25	3	2.87	.09	1.83	1	3
1329	5	165	3	51	.4	10	13	410	5.25	203	5	ND	4	96	.2	5	2	116	2.02	.220	9	14	1.71	149	.25	2	3.72	.44	1.94	1	14
1330	20	97	4	39	.2	76	14	1000	3.14	48	5	ND	1	129	.2	2	4	185	5.71	.102	4	67	.82	91	.15	2	1.50	.17	.99	1	6
1331	15	134	2	50	.2	66	13	656	3.96	33	5	ND	1	87	.2	2	2	149	2.97	.174	6	75	1.35	178	.20	2	1.89	.18	1.36	1	12
1332	7	184	2	31	.3	115	16	649	4.04	30	5	ND	1	130	.2	3	2	92	4.12	.128	3	127	1.30	34	.11	2	2.02	.15	.43	1	12
1333	3	431	2	22	1.0	99	37	1133	6.75	8	5	ND	1	143	.2	4	2	51	5.83	.140	5	39	.72	27	.07	2	.92	.07	.39	1	6
1334	3	84	2	41	.3	78	17	1018	2.79	173	5	ND	1	115	.2	2	2	98	4.68	.049	3	72	1.43	68	.11	2	2.18	.21	.95	1	6
1335	7	95	2	24	.4	95	16	740	2.39	121	5	ND	1	70	.2	2	2	62	4.14	.062	3	43	.89	27	.07	2	1.03	.06	.39	1	12
1336	11	193	2	78	.3	86	24	850	6.09	89	5	ND	1	146	.2	3	2	184	3.57	.184	4	204	3.07	171	.23	2	4.50	.39	3.25	1	11
1337	6	100	2	35	.2	73	12	930	2.63	99	5	ND	1	112	.2	2	2	73	4.69	.061	3	40	1.38	66	.11	2	2.34	.21	1.18	1	18
1338	1	133	2	76	.4	65	19	1257	5.34	27	5	ND	1	223	.2	4	2	146	5.74	.141	3	135	2.53	219	.22	2	4.95	.47	2.96	1	15
1339	2	119	2	74	.3	79	24	938	4.82	63	5	ND	1	116	.2	5	2	139	3.83	.129	3	156	2.63	261	.23	2	3.34	.22	2.87	1	17
1340	2	127	3	38	.6	5	13	389	3.93	6831	5	ND	6	50	.2	2	2	84	2.67	.241	14	1	1.36	77	.13	2	1.69	.07	.38	1	102
1341	2	246	5	44	.9	2	11	416	5.09	896	5	ND	4	69	.2	3	2	112	2.43	.247	14	3	1.45	188	.24	2	1.97	.10	1.05	1	13
STANDARD C/AU-R	18	58	38	133	7.0	71	31	1046	3.98	38	20	6	38	53	19.0	15	19	57	.49	.090	40	59	.89	178	.09	32	1.90	.07	.15	12	460

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

KRL Resources Corp. FILE # 91-3313

ACME ANALYTICAL

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
1342	1	397	11	51	1.2	4	18	406	5.85	5151	5	ND	7	76	.7	2	2	100	1.87	.178	11	4	1.52	92	.17	2	2.22	.12	.90	1	78
1343	1	269	4	41	.8	3	9	432	5.04	113	5	ND	7	77	1.0	4	2	103	2.13	.198	12	1	1.54	172	.24	2	2.24	.11	1.16	1	9
1344	1	99	3	42	.4	6	5	450	3.28	386	5	ND	8	53	.4	4	2	91	2.62	.204	11	1	1.65	51	.16	2	2.03	.08	.41	1	8
1345	1	168	3	48	.4	40	18	921	4.29	2916	5	ND	2	116	.7	2	2	106	4.62	.145	4	100	2.08	173	.17	2	2.50	.18	1.53	1	71
1346	1	156	2	62	.3	57	23	638	4.11	195	5	ND	1	145	.6	2	2	119	4.21	.131	2	114	2.48	347	.22	2	2.86	.18	1.92	1	15
1347	1	161	2	44	.2	55	15	519	3.65	19	5	ND	1	122	.2	3	2	97	3.14	.140	3	88	1.99	271	.21	2	2.24	.14	1.20	1	22
1348	1	166	2	34	.3	21	18	573	3.28	4	5	ND	2	97	.4	3	2	75	4.65	.084	3	16	1.46	162	.12	2	1.52	.08	.89	1	10
1349	1	152	2	45	.3	50	20	540	3.69	66	5	ND	1	94	.3	3	2	93	3.05	.141	3	95	1.87	270	.21	2	1.99	.11	1.09	1	17

ACME ANAL[illegible]AL LABORATORIES LTD. 852 E. HASTINGS ST. VA[illegible]VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60[illegible]253-1716

GEOCHEMICAL ANAL[illegible]SIS CERTIFICATE

KRL Resources Corp. File # 91-3399 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN WATKINS

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
1350	1	161	2	47	.1	58	18	586	3.60	13	5	ND	1	100	.5	2	2	95	3.14	.128	3	109	1.85	236	.18	2	2.05	.19	.79	2	17
1351	3	239	2	50	.2	32	13	459	3.67	35	5	ND	1	71	.7	2	2	83	2.51	.080	2	38	1.30	68	.14	2	1.37	.18	.35	1	16
1352	4	208	2	36	.3	38	12	269	2.78	54	5	ND	1	35	.5	2	2	43	1.93	.052	2	34	.46	9	.08	2	.46	.06	.04	3	11
1353	1	264	3	170	.5	25	23	550	4.98	2	5	ND	1	140	2.1	2	2	132	3.32	.137	2	31	1.67	205	.19	2	2.50	.25	1.13	1	7
1354	3	155	4	77	.5	59	14	438	3.29	2	5	ND	1	65	.9	2	2	100	3.04	.056	2	53	1.09	77	.14	2	1.15	.15	.32	3	6
1355	1	189	2	50	.4	39	18	549	3.87	2	5	ND	1	163	.8	2	2	111	2.93	.135	5	63	1.87	151	.19	2	2.35	.21	.93	1	5
1356	1	133	2	165	.3	66	13	423	3.22	2	5	ND	1	53	1.5	2	2	108	2.75	.067	3	57	1.21	68	.13	2	1.16	.09	.24	1	7
1357	3	175	4	99	.3	70	13	342	3.11	2	5	ND	1	67	.9	2	2	87	2.11	.058	4	44	.92	81	.13	2	1.06	.13	.27	1	4
1358	3	133	3	45	.4	50	9	339	2.64	2	5	ND	2	63	.3	2	2	84	2.24	.065	4	37	1.07	80	.13	2	1.32	.15	.26	1	9
1359	2	191	2	25	.4	15	11	293	2.97	2	5	ND	2	155	.6	2	2	63	2.77	.079	6	20	.88	139	.11	4	2.06	.34	.54	3	10
1360	1	135	2	28	.3	29	9	283	2.84	30	5	ND	1	106	.5	2	2	76	2.20	.068	5	28	1.08	97	.12	2	1.83	.20	.57	2	8
1361	1	158	2	45	.1	32	30	595	4.45	1313	5	ND	1	95	.8	2	2	148	2.44	.115	3	68	2.24	219	.17	2	2.82	.21	1.02	1	55
1362	1	185	5	45	.2	46	18	519	3.38	319	5	ND	1	134	.5	2	2	87	4.03	.110	2	83	1.51	189	.16	2	1.95	.19	.76	1	18
1363	2	161	7	107	.5	68	16	656	3.29	11	5	ND	2	138	.9	2	2	116	4.55	.081	2	90	1.93	190	.15	2	1.88	.11	1.06	1	9
1364	2	212	2	40	.2	51	19	513	3.84	35	5	ND	1	127	.6	4	2	101	3.36	.115	3	113	1.60	196	.17	2	2.08	.22	.78	2	16
1365	1	116	2	49	.1	39	9	744	3.46	78	5	ND	1	108	.9	2	2	105	4.35	.111	2	126	1.98	204	.16	2	2.19	.15	.77	1	24
1366	1	135	5	53	.2	42	14	725	3.65	450	5	ND	2	98	.9	2	2	98	3.66	.104	3	91	1.82	193	.15	2	2.08	.15	.81	1	178
1367	3	181	2	30	.1	74	21	674	3.22	989	5	ND	1	67	.3	2	2	66	3.94	.111	6	54	1.19	67	.10	2	1.14	.07	.29	2	35
1368	1	174	2	126	.1	38	20	641	4.49	16	5	ND	1	118	.8	2	2	122	2.65	.116	6	66	2.06	230	.18	2	2.50	.21	1.22	1	10
1369	2	144	2	45	.3	55	21	496	4.74	2	5	ND	1	168	1.0	2	2	109	2.42	.109	2	89	1.49	132	.14	2	2.69	.28	.61	1	12
1370	1	146	5	142	.5	33	20	621	5.14	2	5	ND	1	229	2.8	2	6	97	4.63	.141	2	52	1.47	109	.13	2	3.43	.32	.56	1	12
1371	2	123	2	102	.2	41	15	528	4.32	2	5	ND	1	131	.8	2	2	92	2.16	.074	2	38	1.26	205	.16	2	2.92	.29	.77	1	9
1372	1	82	3	75	.5	23	14	649	3.70	2	5	ND	2	155	1.1	2	6	67	2.88	.090	2	23	1.09	199	.15	2	2.96	.36	.62	1	13
1373	1	71	2	156	.1	28	16	592	3.79	3	5	ND	1	191	1.7	2	2	76	3.03	.085	2	35	1.26	230	.15	2	3.56	.39	.79	1	12
1374	1	106	3	342	.2	28	16	559	4.41	17	5	ND	1	186	3.5	2	2	101	2.02	.074	2	36	1.43	160	.15	2	3.45	.39	.79	1	10
1375	1	58	3	42	.1	9	8	563	2.87	3	5	ND	1	227	.5	2	2	32	2.70	.086	2	16	.65	112	.06	4	2.27	.24	.28	1	14
1376	1	75	9	69	.2	24	15	598	4.16	3	5	ND	1	168	1.2	3	2	79	3.11	.094	2	32	1.25	117	.13	2	2.97	.31	.39	2	17
1377	2	106	3	897	.3	35	17	622	5.05	7	5	ND	1	128	11.3	2	4	87	3.17	.071	2	56	1.61	88	.12	2	2.97	.31	.67	1	60
1378	2	110	2	91	.4	44	15	668	4.50	5	5	ND	1	116	1.3	4	2	116	3.09	.069	2	55	1.49	190	.14	2	2.56	.26	.75	1	13
1379	1	178	2	31	.3	15	14	472	4.38	16	5	ND	1	114	.5	2	2	110	3.16	.062	2	30	1.39	194	.18	2	3.08	.27	.81	1	20
1380	1	119	5	39	.4	18	67	388	5.22	35333	5	ND	1	110	.7	2	2	83	2.98	.054	2	23	1.42	86	.08	2	2.61	.20	.46	1	185
1381	1	142	5	52	.2	14	9	406	4.24	96	5	ND	1	97	.7	4	2	96	2.38	.065	2	29	1.76	92	.16	2	2.79	.19	.56	1	13
1382	1	209	4	39	.3	21	19	452	4.65	5602	5	ND	1	111	.7	2	2	95	2.53	.120	2	32	1.75	115	.10	2	2.72	.20	.47	1	94
1383	1	143	2	43	.3	21	20	359	4.96	6555	5	ND	2	115	.4	2	3	115	1.43	.094	2	39	1.91	163	.14	2	3.19	.28	.95	1	124
1384	2	64	3	39	.1	24	12	618	3.85	48	5	ND	1	187	.5	2	8	102	3.28	.108	2	36	1.65	225	.15	2	3.19	.28	.77	1	16
RE 1380	1	112	5	37	.4	16	63	377	4.98	27191	5	ND	1	105	.5	2	2	78	2.85	.056	2	21	1.35	82	.07	2	2.51	.19	.44	1	198
1385	1	95	2	41	.1	35	14	743	3.80	58	5	ND	1	186	.5	2	2	91	4.90	.133	2	75	1.89	191	.14	9	3.04	.21	1.03	1	16
STANDARD C/AU-R	18	57	37	127	6.8	67	28	995	3.90	36	18	7	35	47	17.6	15	19	54	.46	.086	37	56	.74	169	.08	33	1.81	.05	.13	13	450

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 16/91 SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1386	2	163	3	70	.4	32	18	921	5.11	39	5	ND	1	138	.3	2	2	140	4.47	.115	2	74	2.11	266	.17	2	3.20	.22	.86	3	15
1387	1	124	3	66	.3	36	18	548	5.00	33	5	ND	1	156	.3	2	3	123	2.42	.082	2	62	1.73	233	.18	2	3.60	.31	.85	1	27
1388	1	93	2	59	.4	24	17	672	5.42	13	5	ND	1	152	.5	2	2	138	1.69	.074	2	40	2.06	126	.27	2	3.73	.31	1.35	2	13
1389	1	50	2	70	.1	19	16	700	5.31	29	5	ND	1	138	.2	2	3	147	1.64	.075	2	41	2.55	505	.28	3	4.38	.28	1.22	5	13
1390	1	159	3	44	.3	29	18	572	4.81	60	5	ND	1	133	.2	2	2	99	3.66	.101	2	38	1.45	119	.16	2	2.83	.23	.31	2	47
1391	1	93	2	46	.1	23	11	407	3.66	34	5	ND	1	101	.3	2	2	86	2.18	.064	2	30	1.38	158	.17	2	3.09	.23	.52	4	13
1392	1	107	4	54	.3	19	13	558	4.79	53	5	ND	1	110	.3	2	2	119	2.52	.066	2	34	1.93	248	.21	2	3.23	.23	.72	1	13
1393	1	79	3	60	.2	19	14	468	4.42	65	5	ND	1	117	.2	2	2	120	1.90	.070	2	37	1.73	275	.20	2	3.29	.26	.75	1	25
1394	1	108	19	78	.7	44	13	1015	3.89	3342	5	ND	1	106	.6	2	2	70	7.49	.115	2	42	1.34	152	.09	2	1.85	.12	.45	2	43
1395	2	110	4	37	.3	39	14	499	3.94	13	5	ND	1	60	.2	2	2	77	2.11	.079	2	31	1.18	84	.11	2	1.91	.15	.17	1	10
1396	1	114	3	36	.3	42	15	453	3.43	38	5	ND	1	82	.2	2	2	63	2.61	.070	2	32	.91	232	.14	2	1.80	.18	.50	3	11
1397	1	89	2	49	.1	64	15	413	4.06	118	5	ND	1	306	.3	2	2	106	2.58	.164	2	79	2.26	311	.17	2	5.08	.50	1.45	3	17
1398	4	102	4	48	.1	38	11	645	3.58	80	5	ND	1	137	.2	2	8	93	3.10	.077	2	40	1.43	179	.17	2	2.89	.32	.90	5	10
RE 1403	1	144	3	38	.5	94	23	716	4.81	83	5	ND	1	151	.6	5	2	99	4.04	.104	2	33	1.43	66	.10	2	1.88	.14	.24	1	18
1399	1	88	2	60	.2	29	10	659	3.64	17	5	ND	1	146	1.3	7	2	102	1.99	.062	2	46	1.64	430	.19	2	3.31	.32	1.33	3	9
1400	1	56	2	40	.2	31	8	609	2.61	74	5	ND	1	64	.5	2	2	65	2.38	.061	2	33	1.16	95	.12	3	1.67	.05	.23	2	11
1401	1	150	3	62	.6	61	19	844	4.64	40	5	ND	1	160	.9	2	2	118	3.93	.122	2	138	2.18	100	.14	2	3.33	.21	.31	1	12
1402	7	71	3	12	.2	85	9	680	1.78	122	8	ND	1	119	.2	2	2	47	7.74	.137	5	35	.30	14	.07	3	.55	.08	.04	1	22
1403	1	142	3	39	.5	97	24	732	4.82	105	5	ND	1	155	1.2	7	2	101	4.15	.103	2	35	1.45	66	.10	2	1.91	.14	.24	2	21
1404	35	234	5	527	.9	153	17	744	5.01	15	7	ND	2	205	5.8	3	2	313	5.14	.119	2	122	1.12	110	.11	2	1.80	.21	.61	1	24
1405	1	118	2	40	.2	123	12	411	2.84	13	5	ND	1	83	.3	2	2	93	1.86	.047	2	50	1.03	62	.11	2	1.81	.19	.48	2	20
1406	1	285	2	45	.4	51	20	567	4.63	37	5	ND	1	210	1.1	3	2	110	3.57	.112	2	72	1.81	243	.18	2	3.95	.51	.98	4	48
1407	1	154	5	28	.5	92	14	652	3.27	31	5	ND	1	130	.5	5	2	69	3.42	.054	2	38	.90	77	.10	2	1.73	.19	.51	1	16
1408	2	162	19	61	.9	102	13	688	3.80	19	5	ND	1	118	.9	7	2	91	3.15	.065	3	50	1.12	71	.11	2	1.96	.21	.52	2	10
1409	7	191	6	41	.6	115	15	565	4.06	178	5	ND	1	103	1.1	7	2	186	2.81	.094	2	80	1.33	97	.12	2	1.74	.15	.68	2	20
1410	1	15	2	3	.1	8	1	2676	.58	10	5	ND	1	1668	.2	2	2	7	23.30	.006	4	7	.16	9	.01	4	.15	.02	.06	2	7
1411	1	134	2	55	.3	55	16	849	4.29	23	5	ND	1	208	.8	3	2	153	3.97	.102	2	70	1.97	260	.16	2	3.13	.30	1.49	4	14
1412	2	157	32	63	.7	103	14	398	3.65	10	5	ND	1	97	.5	2	2	103	1.58	.068	2	54	1.19	74	.11	3	1.78	.19	.54	1	9
1413	1	120	9	27	.6	113	13	507	2.98	5	5	ND	1	72	.3	2	2	63	2.16	.055	2	39	1.32	30	.08	3	1.47	.09	.33	1	12
1414	2	116	14	24	.4	125	13	420	3.02	8	5	ND	1	80	.4	5	2	89	1.48	.069	4	67	1.19	47	.11	3	1.30	.11	.47	1	8
1415	2	120	2	11	.4	89	13	841	3.36	16	5	ND	1	111	.2	2	2	64	4.49	.089	2	42	.96	22	.06	2	.99	.07	.28	1	11
1416	2	112	2	17	.1	136	12	404	2.97	17	5	ND	1	80	.4	2	2	93	1.46	.058	2	61	1.20	71	.11	3	1.72	.16	.58	4	17
1417	1	108	2	18	.2	102	10	847	2.61	47	5	ND	1	106	.2	2	2	64	4.13	.044	2	36	1.06	34	.08	3	1.49	.11	.31	2	16
1418	1	113	3	20	.3	105	12	411	2.88	42	5	ND	1	70	.2	2	2	76	1.09	.041	2	50	1.31	48	.09	3	1.56	.15	.50	1	11
1419	1	143	11	19	.4	187	17	301	3.07	74	5	ND	1	32	.3	2	2	64	1.07	.050	2	39	1.05	32	.06	3	.98	.05	.27	1	9
1420	1	73	9	21	.3	86	8	393	2.22	25	5	ND	1	36	.3	2	2	50	1.46	.038	2	37	.85	28	.06	4	.95	.06	.19	2	10
1421	2	135	6	22	.5	90	16	559	3.18	14	5	ND	1	54	.6	4	3	55	2.67	.068	2	35	.82	16	.05	2	.79	.05	.12	2	8
STANDARD C/AU-R	17	62	39	139	7.4	74	31	1098	4.00	42	15	6	40	52	18.9	14	21	57	.50	.089	40	59	.88	182	.09	33	1.99	.06	.15	11	472

Samples beginning 'RE' are duplicate samples.

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
1422	30	236	2	26	.4	131	14	753	4.79	606	5	ND	1	93	.2	2	2	276	3.33	.125	3	106	1.25	52	.10	2	1.44	.14	.36	1	9
1423	7	170	2	36	.4	71	16	823	4.77	135	5	ND	1	115	.2	2	2	125	4.71	.115	3	46	1.65	42	.12	3	2.00	.16	.67	1	9
1424	1	89	2	47	.2	31	10	571	4.26	6	5	ND	1	104	.2	2	3	126	2.35	.183	3	47	2.26	93	.18	3	2.96	.24	1.35	1	4
1425	3	123	2	20	.2	88	13	486	3.41	13	5	ND	1	59	.2	2	2	79	2.46	.080	3	53	1.03	34	.12	2	1.26	.10	.29	1	3
1426	5	113	2	14	.2	95	10	914	2.61	65	5	ND	1	176	.2	2	2	64	8.14	.114	3	41	.78	19	.09	2	1.01	.07	.16	1	7
1427	4	126	2	36	.2	90	12	590	3.29	47	5	ND	1	135	.2	2	2	110	3.42	.058	2	61	1.40	57	.12	2	2.13	.18	.71	1	11
1428	2	133	3	32	.3	98	13	374	3.46	176	5	ND	1	66	.2	2	2	99	1.43	.039	2	46	1.52	74	.16	4	2.02	.17	.81	1	6
1429	1	158	2	41	.3	19	9	480	4.36	49	5	ND	1	155	.2	2	2	111	2.48	.156	5	33	1.82	228	.18	4	3.30	.38	1.81	1	4
1430	1	135	6	56	.4	16	13	583	4.66	530	5	ND	1	147	.2	2	2	121	2.62	.172	4	28	1.98	224	.17	2	2.89	.26	1.66	1	8
1431	1	175	3	52	.3	20	14	513	4.73	4652	5	ND	1	160	.2	2	2	112	2.94	.165	3	27	1.99	128	.12	5	3.31	.37	1.69	1	34
1432	1	168	2	41	.2	19	12	455	4.27	781	5	ND	1	132	.2	2	2	104	2.40	.150	4	42	1.88	108	.14	4	2.93	.27	1.24	1	26
1433	2	190	2	37	.2	44	16	542	4.46	214	5	ND	1	145	.2	2	2	94	2.90	.113	4	35	1.73	109	.12	3	2.78	.28	1.37	1	13
1434	3	81	2	24	.1	117	10	270	2.69	55	5	ND	1	83	.2	2	2	94	1.11	.040	2	51	1.16	83	.17	3	2.22	.27	1.22	1	6
1435	2	131	2	31	.2	35	11	974	3.53	474	5	ND	1	294	.2	2	2	91	7.64	.096	3	43	1.42	38	.10	2	2.42	.25	.57	1	15
1436	2	92	2	31	.2	18	7	360	3.03	54	5	ND	1	155	.2	2	2	99	2.16	.168	4	26	1.63	106	.12	7	3.12	.38	1.32	1	9
1437	1	143	2	42	.2	18	10	489	4.33	19	5	ND	1	209	.2	2	2	107	2.97	.152	4	37	1.88	146	.16	2	3.45	.39	1.77	1	9
1438	1	150	2	40	.3	15	13	495	4.22	7	5	ND	1	171	.2	2	2	99	2.71	.131	5	25	1.77	146	.16	6	2.88	.31	1.54	1	9
1439	2	174	4	45	.3	64	31	455	5.53	845	5	ND	1	134	.2	2	2	131	1.86	.099	3	92	1.96	147	.17	3	2.73	.27	1.71	1	18
1440	1	257	4	52	.4	23	30	700	8.18	47	5	ND	1	174	.2	2	2	188	3.38	.221	3	25	2.08	163	.22	3	3.01	.30	2.22	1	15
1441	1	165	2	58	.5	27	20	1031	5.87	5	5	ND	1	276	.2	2	2	161	7.53	.168	4	114	2.16	197	.21	4	3.58	.37	1.99	1	13
1442	1	106	2	64	.3	28	16	703	5.41	6	5	ND	1	220	.2	2	2	143	3.60	.222	4	69	2.33	275	.21	3	4.17	.49	2.41	1	19
1443	3	169	2	47	.2	71	23	550	5.42	34	5	ND	1	150	.2	3	2	130	3.69	.188	3	145	2.34	169	.20	3	3.03	.27	1.31	1	15
1444	2	201	2	52	.2	76	21	573	5.60	21	5	ND	1	130	.2	2	2	134	3.05	.151	3	121	2.49	270	.20	3	2.81	.18	2.08	1	17
1445	3	287	2	47	.3	103	21	523	5.85	27	5	ND	1	174	.2	2	2	140	3.65	.190	4	114	2.41	211	.21	2	3.17	.32	1.94	1	15
1446	7	132	2	47	.2	79	15	482	4.15	34	5	ND	1	135	.2	2	2	138	2.99	.125	3	91	2.38	131	.20	2	2.76	.24	1.64	1	6
1447	8	132	6	49	.3	97	13	369	3.61	15	5	ND	1	97	.2	2	2	112	1.65	.056	4	71	1.84	83	.17	2	2.41	.22	1.18	1	7
1448	7	157	9	48	.4	80	15	531	3.98	4	5	ND	1	88	.2	2	2	131	2.34	.080	4	89	1.87	104	.19	2	2.08	.15	1.24	1	5
1449	7	148	32	78	.8	62	11	657	3.55	21	5	ND	1	71	.4	2	3	111	3.16	.073	5	72	1.60	38	.15	4	1.52	.06	.26	1	9
1450	12	178	2	31	.3	57	11	291	3.04	4	5	ND	1	42	.2	2	2	95	.82	.042	4	47	1.38	82	.16	2	1.39	.08	.70	1	9
1451	4	166	2	37	.2	72	13	373	3.54	2	5	ND	1	51	.2	2	4	110	1.47	.042	5	56	1.32	136	.18	4	1.57	.13	1.09	1	8
1452	2	195	2	73	.4	38	18	688	4.26	2	5	ND	1	127	.2	2	2	144	4.39	.143	6	63	1.69	147	.21	2	1.98	.17	1.14	1	7
1453	2	341	4	71	.6	54	30	695	5.68	2	5	ND	1	205	.2	2	2	146	3.40	.194	6	104	2.54	201	.23	5	3.18	.29	2.32	1	7
1454	2	265	3	54	.4	39	29	682	5.26	2	5	ND	1	198	.2	2	2	136	3.34	.214	6	82	2.15	144	.22	6	2.83	.28	1.91	1	9
RE 1450	14	185	2	33	.3	59	12	292	3.16	3	5	ND	1	44	.2	2	2	99	.86	.044	5	48	1.45	85	.16	3	1.44	.09	.73	1	8
1455	3	241	6	68	.6	60	25	621	4.85	2	5	ND	1	159	.2	2	2	127	3.92	.168	6	92	1.94	203	.22	3	2.34	.21	1.68	1	9
1456	3	309	2	59	.4	100	27	611	5.94	4	5	ND	1	135	.2	2	4	190	4.34	.131	4	100	2.50	212	.22	4	2.98	.28	2.46	1	9
1457	5	249	2	49	.3	49	17	635	4.69	3	5	ND	1	160	.2	2	2	162	4.61	.129	6	61	1.98	126	.19	3	2.96	.33	1.83	1	17
STANDARD C/AU-R	19	61	37	131	7.3	69	32	1032	3.94	41	18	7	39	53	18.6	16	18	59	.48	.088	39	57	.85	178	.09	35	1.85	.07	.15	13	460

Samples beginning 'RE' are duplicate samples.

KRL Resources Corp. FILE # 91-3399

ACME ANALYTICAL

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
1458	1	51	5	28	.1	10	7	350	1.96	7	5	ND	1	86	.3	2	2	61	2.44	.067	4	17	1.07	50	.08	4	1.81	.19	.41	2	18
1459	1	48	4	36	.1	21	8	456	2.26	6	5	ND	1	91	.2	2	2	83	3.03	.070	4	57	1.31	91	.11	2	2.00	.18	.66	1	28
1460	1	56	9	33	.1	19	9	507	2.15	2	5	ND	1	98	.2	2	2	73	3.65	.061	5	57	1.00	93	.10	3	1.67	.17	.62	1	12
1461	1	69	3	39	.2	25	9	475	2.40	3	5	ND	1	89	.2	2	2	68	3.05	.069	4	44	1.19	96	.11	4	1.68	.15	.67	1	14
1462	1	90	5	133	.4	39	10	714	3.20	5	5	ND	1	58	1.1	2	2	80	3.08	.074	3	49	2.04	35	.10	2	1.99	.09	.24	1	19
1463	1	139	2	63	.4	111	22	867	3.67	38	5	ND	1	145	.2	2	2	108	7.71	.126	3	237	2.44	275	.19	2	2.66	.14	1.35	1	17
1464	2	152	2	48	.3	186	29	558	3.81	67	5	ND	1	171	.2	2	2	97	4.90	.139	3	192	2.44	371	.21	2	3.14	.24	1.68	1	10
1465	1	59	3	43	.1	26	7	447	2.81	3	5	ND	1	63	.2	2	2	83	2.44	.087	4	26	1.74	60	.08	2	1.84	.09	.45	1	9
1466	1	54	4	28	.2	13	5	363	2.02	3	5	ND	2	67	.2	2	2	66	2.81	.063	4	18	1.11	23	.06	2	1.31	.13	.11	1	10
1467	1	118	2	56	.2	100	27	764	4.14	83	5	ND	1	143	.2	2	2	112	4.54	.124	3	204	2.78	424	.22	2	3.10	.18	1.67	1	13
1468	1	45	2	42	.1	135	18	905	2.63	136	5	ND	1	196	.2	2	2	88	9.98	.101	2	231	2.05	239	.18	2	2.52	.18	1.26	1	16
1469	1	94	2	81	.1	155	23	999	4.81	194	5	ND	1	157	.2	2	2	146	5.24	.123	3	332	3.91	335	.20	2	3.87	.15	2.66	1	16
1470	4	220	2	42	.4	88	18	485	4.06	2	5	ND	1	44	.2	2	2	108	2.24	.053	4	71	1.31	102	.15	3	1.22	.06	.45	1	13
1471	4	312	2	68	.3	35	21	600	5.20	5	5	ND	1	92	.2	2	2	138	3.22	.116	4	49	1.92	226	.18	2	2.03	.14	1.02	1	10
1472	6	211	4	100	.6	60	17	519	4.50	2	5	ND	1	71	.6	2	2	139	3.19	.084	4	71	1.53	96	.16	2	1.45	.11	.44	1	9
1473	6	315	5	939	.6	53	18	605	4.31	5	5	ND	1	97	8.4	2	3	133	3.78	.092	4	73	1.66	124	.16	2	1.59	.06	.69	1	8
1474	2	555	2	580	1.7	48	18	1162	4.10	6	5	ND	1	309	6.1	2	4	127	11.48	.096	4	96	2.39	158	.13	2	2.30	.06	.79	1	28
1475	1	154	2	33	.3	10	8	356	2.87	5	5	ND	1	58	.2	2	2	57	2.20	.069	4	16	1.20	18	.07	2	1.47	.15	.13	1	9
1476	5	147	2	47	.2	46	8	964	3.36	7	5	ND	1	88	.3	2	2	69	6.19	.103	6	49	1.67	46	.12	3	1.61	.06	.28	1	16
1477	5	134	2	47	.2	50	8	668	2.84	14	5	ND	1	82	.2	2	2	80	4.11	.079	5	54	1.53	98	.13	3	1.76	.12	.68	1	11
1478	6	144	2	57	.1	70	17	821	3.85	35	5	ND	1	130	.3	2	2	129	5.08	.066	3	138	2.30	198	.17	2	2.75	.18	1.63	1	11
1479	4	141	2	43	.4	55	26	491	4.82	8	5	ND	1	209	.2	2	2	79	4.64	.137	3	68	1.04	137	.14	2	3.88	.46	.53	1	13
1480	6	165	3	49	.2	66	19	408	5.18	15	5	ND	1	105	.3	2	2	130	1.37	.085	3	55	1.41	117	.17	3	2.45	.24	.86	1	11
1481	4	132	4	50	.2	73	17	474	4.30	14	5	ND	1	90	.2	2	2	114	2.32	.054	2	52	1.24	78	.14	2	2.22	.17	.73	1	15
1482	2	148	2	26	.3	33	20	398	4.34	8	5	ND	1	228	.4	2	2	69	3.25	.198	4	25	.69	72	.11	4	2.27	.32	.22	1	10
1483	8	144	3	94	.4	57	18	529	4.77	3	5	ND	1	112	1.2	2	2	115	3.72	.066	2	46	.91	51	.13	3	1.86	.23	.49	1	15
1484	7	63	4	25	.1	105	17	713	2.83	3	5	ND	1	99	.4	2	2	15	7.31	.103	2	16	.22	5	.05	2	.99	.10	.03	1	15
1485	3	131	4	42	.2	76	14	701	3.92	8	5	ND	1	108	.2	2	2	94	4.88	.065	2	46	.95	57	.12	2	1.83	.17	.50	1	10
1486	3	124	2	47	.1	61	12	588	4.21	21	5	ND	1	132	.2	2	2	94	3.26	.063	2	44	1.24	79	.15	2	2.68	.27	.61	1	7
1487	1	159	4	54	.3	36	27	550	5.83	3	5	ND	1	230	.3	2	4	108	3.83	.161	3	51	1.58	119	.17	2	4.18	.44	.77	1	9
1488	1	143	2	54	.2	39	28	620	5.78	2	5	ND	1	219	.2	2	2	105	4.30	.174	2	82	1.66	146	.15	2	4.51	.44	.68	1	13
1489	1	165	2	89	.3	41	28	787	5.47	4	5	ND	1	212	1.0	2	2	103	5.98	.166	2	66	1.65	126	.14	3	4.44	.36	.47	1	11
1490	2	108	2	51	.3	55	23	646	5.20	10	5	ND	1	200	.3	2	2	97	3.37	.115	3	54	1.31	121	.14	2	3.24	.37	.70	1	9
1491	2	99	5	78	.4	31	18	929	4.44	9	5	ND	1	294	.8	2	6	53	6.24	.080	2	38	.99	47	.06	2	3.90	.49	.26	1	16
RE 1487	1	158	2	53	.3	34	26	550	5.79	5	5	ND	1	229	.5	2	7	108	3.81	.161	3	50	1.57	117	.17	5	4.17	.45	.76	1	11
1492	2	92	2	72	.4	20	16	943	4.34	7	5	ND	1	270	1.0	2	3	59	6.15	.100	2	44	1.14	53	.07	4	3.87	.47	.33	1	9
1493	3	105	2	35	.3	48	15	809	4.31	9	5	ND	1	144	.2	2	2	45	4.74	.063	2	38	.84	16	.06	3	1.77	.21	.06	1	13
STANDARD C/AU-R	20	60	38	135	7.2	71	32	1087	4.03	42	22	7	40	51	18.9	16	23	57	.50	.092	40	60	.88	177	.09	35	1.91	.06	.16	11	462

<u>Samples beginning 'RE' are duplicate samples.</u>

KRL Resources Corp. FILE # 91-3399

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
1494	2	95	6	36	.4	41	12	907	4.24	5	5	ND	1	223	.3	2	2	35	7.40	.042	2	33	.55	16	.04	2	1.50	.16	.07	1	13
1495	1	100	3	52	.7	39	23	696	5.58	6	5	ND	1	259	.2	2	2	98	4.33	.202	2	69	1.45	179	.17	3	3.74	.42	1.18	1	5
RE 1496A	1	132	7	33	.6	38	24	543	5.44	5	5	ND	1	263	.2	2	2	74	4.38	.188	2	60	1.15	147	.17	2	3.73	.42	.78	1	12
1496	5	125	20	69	.5	47	12	802	3.86	5	5	ND	1	164	1.0	7	2	70	6.60	.116	3	39	.68	33	.09	2	1.63	.20	.21	1	5
1496A	1	135	9	35	.7	39	24	554	5.48	8	5	ND	1	261	.2	5	2	75	4.53	.193	3	61	1.17	148	.16	2	3.77	.41	.78	1	15
1497	1	244	6	30	.7	35	23	556	6.26	6	5	ND	1	224	.2	2	2	88	4.75	.195	2	58	1.28	122	.14	3	3.44	.35	.79	1	13
1498	2	161	7	42	.5	44	23	526	6.01	7	5	ND	1	189	.2	3	2	110	3.11	.197	3	108	1.87	117	.18	2	3.79	.32	1.40	1	16
1499	3	106	7	37	.3	32	19	413	5.11	2	5	ND	1	190	.3	2	6	88	2.64	.218	3	65	1.43	125	.15	2	3.43	.32	.96	1	16
STANDARD C/AU-R	18	57	36	132	6.9	70	32	1038	3.95	41	17	7	37	49	18.7	15	18	56	.48	.090	37	58	.88	177	.09	33	1.88	.06	.15	13	480

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3558 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1500	2	126	5	100	.3	36	20	643	5.22	2	5	ND	2	232	1.3	2	5	113	4.77	.143	5	84	1.90	82	.16	2	4.52	.49	.78	2	6
1501	6	82	6	105	.4	28	10	1283	3.33	2	5	ND	2	255	1.2	2	2	56	13.50	.100	4	25	.67	31	.09	3	2.42	.24	.21	1	10
1502	15	82	8	1434	.2	69	9	814	3.14	2	5	ND	2	120	11.0	2	2	141	5.28	.078	5	50	.83	36	.12	4	1.64	.20	.18	1	6
1503	3	95	6	94	.5	12	6	303	2.40	2	5	ND	1	99	1.2	2	2	48	2.02	.052	5	12	.65	32	.08	5	1.68	.22	.13	1	6
RE 1508	2	117	7	283	.8	93	13	447	3.10	2	5	ND	3	48	3.0	2	2	88	2.02	.063	4	47	.97	47	.13	5	1.15	.09	.26	1	5
1504	2	130	8	49	.4	13	5	394	2.32	2	5	ND	4	81	.6	2	2	47	3.42	.054	5	12	.57	23	.08	5	1.36	.15	.09	1	2
1505	26	155	11	173	.8	119	13	816	4.31	2	5	ND	5	104	2.4	2	2	237	4.72	.109	8	83	.86	40	.14	4	1.62	.23	.17	1	3
1506	26	319	8	795	.5	111	16	903	4.85	2	5	ND	2	150	8.0	2	2	260	5.41	.123	6	91	1.05	66	.14	3	1.94	.20	.41	1	8
1507	7	152	3	1458	.5	92	16	581	4.30	2	5	ND	1	82	12.5	2	2	140	2.59	.095	4	71	1.27	60	.18	2	1.64	.15	.41	1	4
1508	3	112	6	303	.1	92	13	421	3.02	2	8	ND	1	45	2.6	2	2	84	1.97	.062	2	45	.96	45	.13	5	1.10	.09	.27	1	5
1509	3	78	6	131	.1	82	9	1040	2.12	2	5	ND	1	151	1.6	2	2	58	6.93	.067	5	32	.74	23	.09	3	.76	.05	.14	1	5
1510	4	129	3	74	.3	77	13	860	3.21	5	5	ND	3	210	.8	2	2	102	6.56	.061	6	47	1.30	26	.12	2	1.31	.07	.22	1	3
1511	7	106	4	223	.5	89	11	1275	2.70	2	5	ND	5	342	2.9	2	2	89	10.18	.118	6	37	.72	41	.10	4	1.21	.11	.22	1	3
1512	8	120	9	3176	.3	108	11	1422	3.25	2	5	ND	3	305	37.0	2	2	66	10.18	.133	6	34	.69	17	.09	3	1.20	.07	.12	1	3
1513	3	129	14	390	.3	100	14	476	3.36	8	5	ND	1	81	4.5	2	2	119	1.21	.063	2	57	1.28	54	.17	2	1.74	.18	.43	1	2
1514	3	322	24	2490	1.3	105	34	523	7.53	43	5	ND	1	82	31.7	2	2	70	2.97	.044	3	38	1.01	10	.14	2	1.79	.05	.10	1	4
1515	2	101	9	100	.6	109	16	442	3.72	2	5	ND	1	63	1.2	2	2	81	1.11	.040	3	39	1.10	28	.13	5	1.37	.10	.23	1	6
1516	2	117	9	60	1.2	59	23	717	5.00	2	5	ND	1	241	1.2	2	4	90	5.29	.134	6	87	1.44	64	.15	2	3.35	.40	.29	1	3
1517	1	90	2	152	.7	72	20	734	4.42	2	5	ND	1	226	2.1	4	5	113	3.53	.111	3	157	2.35	88	.16	2	3.86	.40	1.05	1	4
1518	1	142	2	93	1.0	54	25	697	6.19	2	5	ND	1	195	1.4	4	2	140	3.29	.144	2	102	2.61	57	.16	3	4.03	.38	1.18	1	4
1519	1	144	2	79	1.0	46	23	640	5.28	2	5	ND	2	172	.7	4	3	110	5.63	.144	6	66	1.90	68	.14	4	3.32	.32	.47	1	9
1520	1	183	9	37	.9	35	27	525	5.82	2	6	ND	1	240	.5	2	3	87	4.94	.163	4	38	1.16	66	.13	2	3.41	.53	.32	1	6
1521	1	118	2	54	.9	28	24	454	5.66	2	5	ND	1	285	.7	5	2	116	3.54	.195	4	27	1.33	53	.16	2	3.32	.51	.47	1	21
1522	2	130	6	79	1.2	38	24	468	5.88	3	5	ND	1	275	1.1	7	6	154	3.20	.183	4	52	1.88	47	.17	3	4.51	.61	1.19	1	10
1523	1	132	6	301	.6	83	25	480	4.83	2	6	ND	1	254	6.6	2	8	69	5.03	.161	3	68	1.09	66	.15	4	3.69	.62	.42	1	4
1524	2	83	5	39	.1	46	11	326	3.51	2	5	ND	1	65	.6	2	2	63	.86	.055	2	35	.96	71	.12	2	1.88	.16	.73	1	24
1525	1	134	5	79	1.0	34	23	552	5.44	2	5	ND	1	200	1.0	4	5	115	3.13	.155	4	41	1.91	59	.16	5	3.52	.35	1.13	1	6
1526	2	87	8	64	.6	25	19	539	4.47	2	5	ND	1	291	1.3	2	3	83	3.59	.181	5	36	1.26	74	.13	4	3.30	.42	.47	1	3
1527	1	146	8	68	1.0	33	21	669	5.75	2	5	ND	2	242	.9	2	2	124	4.18	.172	6	62	1.96	68	.15	3	4.50	.55	1.05	1	3
1528	1	200	6	45	.8	26	17	491	5.10	2	5	ND	2	283	.8	6	8	101	4.68	.186	6	42	1.45	75	.13	6	4.66	.69	.65	1	3
1529	2	173	3	42	.6	23	13	490	4.43	2	5	ND	1	221	.9	4	2	67	4.41	.106	5	49	1.30	55	.09	4	3.71	.51	.62	1	4
1530	1	74	8	257	.5	12	9	497	3.22	2	5	ND	2	172	5.3	4	3	54	3.03	.073	4	26	.95	39	.07	3	2.62	.38	.43	1	1
1531	1	126	4	63	.8	20	13	627	4.29	2	5	ND	2	205	1.3	6	2	91	4.35	.116	6	36	1.34	55	.11	5	3.22	.47	.39	1	2
1532	2	148	9	54	.7	68	18	756	5.70	2	5	ND	1	230	1.1	3	4	128	4.19	.148	3	58	1.85	65	.14	2	3.50	.42	1.02	1	4
1533	4	115	13	44	.5	86	13	402	3.77	6	5	ND	1	117	.4	2	2	90	1.58	.057	2	52	1.20	27	.13	5	1.68	.17	.41	1	11
1534	2	130	19	76	.5	80	20	750	4.18	2	5	ND	1	175	.9	2	2	113	3.60	.095	3	125	1.98	76	.14	2	2.84	.28	.95	1	4
1535	6	110	3	63	.3	52	15	657	3.32	2	5	ND	1	136	.7	2	2	121	3.30	.107	2	85	1.43	60	.13	2	2.27	.25	.75	1	35
STANDARD C/AU-R	19	57	38	128	7.3	64	32	938	3.83	40	20	8	37	49	17.2	18	21	57	.46	.090	37	57	.80	171	.08	34	1.72	.07	.14	12	470

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 16 1991 DATE REPORT MAILED: Aug 20/91. SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1536	5	167	8	71	1.0	63	17	1111	3.78	41	5	ND	10	131	.4	2	2	136	6.75	.113	7	69	1.85	16	.09	4	2.74	.24	.26	1	7
1537	2	122	5	50	.1	71	13	774	2.52	24	5	ND	1	57	.4	2	2	72	3.60	.070	5	43	1.17	14	.08	2	1.84	.18	.37	1	3
1538	5	107	11	42	.3	117	13	721	2.71	76	5	ND	3	52	.2	2	2	76	3.64	.052	3	49	1.30	13	.07	4	2.09	.17	.40	1	5
1539	4	124	5	45	.5	77	13	727	3.69	2	5	ND	4	85	.4	2	2	107	3.66	.097	5	68	1.59	39	.12	5	3.08	.35	.81	1	2
1540	2	85	6	40	.3	82	9	668	2.58	3	5	ND	5	94	.3	2	2	77	3.91	.055	5	47	1.10	33	.09	4	2.45	.24	.54	1	3
1541	4	100	9	44	.2	76	10	602	2.83	38	5	ND	3	120	.6	2	2	99	3.11	.085	4	59	1.43	41	.10	4	2.82	.29	.57	1	2
1542	2	90	8	35	.1	68	9	540	2.39	2	5	ND	2	61	.4	2	2	65	2.89	.053	2	43	.95	23	.07	2	2.03	.19	.35	1	1
1543	1	92	9	42	.1	66	10	522	2.62	2	5	ND	1	67	.2	2	2	82	2.60	.065	2	48	1.10	27	.09	4	2.61	.25	.40	1	2
1544	2	113	6	41	.2	85	10	577	3.10	8	5	ND	3	92	.7	2	2	76	3.26	.059	2	48	1.14	32	.09	4	3.10	.26	.58	1	6
1545	3	105	6	34	.1	73	9	590	2.84	18	7	ND	1	57	.2	2	2	64	3.62	.053	2	45	.98	15	.07	2	1.88	.14	.30	1	2
1546	2	132	5	56	.7	81	14	640	4.19	4	5	ND	3	102	.9	2	2	108	4.41	.087	5	119	1.71	60	.10	4	3.90	.28	.83	1	5
1547	1	145	2	89	.4	83	20	897	5.22	2	5	ND	2	143	1.3	2	2	132	5.64	.118	3	180	2.86	121	.13	5	5.90	.46	1.93	1	4
1548	3	71	8	39	.3	68	10	404	2.38	5	9	ND	3	30	.2	3	2	61	2.23	.054	2	49	.93	17	.06	4	1.16	.06	.15	1	3
1549	2	128	8	49	.4	87	16	487	3.38	23	5	ND	1	54	.5	2	2	77	2.98	.084	3	53	1.03	25	.09	3	1.57	.16	.22	1	4
1550	2	103	6	48	.1	64	12	594	3.04	11	5	ND	2	66	.4	2	2	69	3.87	.099	4	40	1.19	20	.09	2	1.81	.17	.26	1	8
1551	1	99	2	54	.2	30	15	787	3.45	2	5	ND	5	222	.4	2	2	137	7.25	.178	7	58	2.06	77	.10	4	6.44	.70	1.15	1	6
1552	4	225	4	36	.1	74	25	726	6.00	2	5	ND	2	278	.9	2	2	69	8.49	.144	5	162	.86	55	.11	3	4.74	.47	.32	1	5
1553	3	273	9	46	.7	50	31	704	6.57	41	5	ND	6	231	.9	2	9	113	6.43	.169	9	102	1.53	83	.11	3	3.89	.36	.54	1	4
1554	6	216	52	73	1.3	43	19	1181	4.93	464	5	ND	2	137	.9	2	2	129	8.55	.128	6	60	2.66	14	.10	2	2.81	.09	.07	1	7
1555	2	168	84	465	2.0	33	24	921	5.69	101	5	ND	4	97	4.0	2	5	138	3.85	.171	5	74	3.13	19	.11	2	3.07	.15	.06	1	9
1556	3	245	4	66	.6	43	24	479	6.65	138	5	ND	2	126	.9	2	5	120	3.21	.169	5	70	2.05	96	.16	2	2.67	.24	.45	1	6
1557	3	210	2	47	.1	53	23	473	6.28	9	5	ND	1	187	1.0	2	8	115	4.58	.204	7	82	2.03	114	.17	2	4.09	.50	1.09	1	1
1558	1	126	7	59	.7	25	16	613	4.42	8	5	ND	9	123	.8	2	2	128	4.99	.138	14	25	2.01	118	.14	3	2.61	.23	.84	1	7
1559	2	120	2	49	.5	27	10	540	3.46	4	5	ND	9	98	.4	2	2	124	4.39	.141	15	27	1.61	80	.14	2	1.89	.16	.48	1	5
1560	7	181	17	60	.6	41	14	356	3.44	62	5	ND	4	69	.6	2	2	72	3.11	.081	3	28	.93	14	.13	2	1.22	.11	.09	1	6
RE 1556	3	239	5	54	.5	43	25	460	6.42	206	5	ND	1	124	1.0	2	2	117	3.16	.164	6	69	2.02	87	.15	2	2.57	.23	.45	1	5
1561	1	160	3	55	.2	19	18	490	5.89	4	6	ND	2	79	.6	2	5	175	2.64	.100	5	30	2.57	95	.24	2	3.08	.24	1.13	1	6
1562	1	15	2	83	.1	5	15	786	5.50	2	5	ND	2	141	.8	2	2	184	3.80	.095	7	21	2.65	90	.27	2	3.93	.32	1.80	1	2
1563	1	14	2	91	.1	5	15	807	5.29	5	5	ND	4	123	.6	2	2	179	3.17	.099	7	23	2.39	141	.30	2	3.64	.27	1.08	1	3
1564	1	54	4	75	.1	5	16	832	4.90	2	5	ND	6	114	1.3	2	2	137	5.25	.086	8	19	2.03	159	.24	2	2.54	.11	.55	1	2
1565	1	22	7	99	.2	5	17	822	5.67	2	5	ND	3	104	1.3	2	2	175	2.03	.108	8	22	2.52	83	.35	2	3.32	.18	1.30	1	2
1566	1	34	2	56	.5	7	18	565	5.64	2	5	ND	5	73	.6	2	2	169	2.90	.103	7	20	2.11	74	.29	3	2.32	.15	1.04	1	4
1567	4	34	4	14	.4	61	4	550	1.96	8	6	ND	7	58	.4	4	2	24	4.72	.095	8	18	.21	14	.10	2	.65	.15	.06	1	4
1568	5	76	8	22	.2	54	8	478	2.26	2	5	ND	6	65	.2	2	2	44	4.11	.081	4	29	.38	16	.09	4	.93	.13	.07	1	6
1569	11	244	2	27	.5	70	21	269	5.20	2	5	ND	1	61	.5	2	2	137	1.67	.082	2	50	1.07	69	.15	2	1.63	.24	.52	1	5
STANDARD C/AU-R	20	59	35	131	7.5	68	31	1010	3.83	43	23	7	40	52	17.5	16	18	57	.50	.093	40	57	.92	168	.08	32	1.85	.07	.13	12	464

Samples beginning 'RE' are duplicate samples.

ACME A[illegible]TICAL LABORATORIES LTD. 852 E. HASTINGS ST. [illegible]COUVER B.C. V6A 1R6 PHONE(604)253-3158 FA[illegible]04)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3721 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5

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
1569A	9	83	6	46	.6	93	19	519	4.18	9	5	ND	1	91	.3	2	2	161	1.30	.088	5	74	1.39	161	.27	2	2.10	.18	1.20	1	24
1570	2	98	5	60	.7	33	18	639	4.95	2	5	ND	1	195	.3	2	2	86	2.49	.215	6	54	1.56	147	.19	3	2.81	.27	1.15	1	1
1571	2	112	10	70	.7	23	20	679	5.14	2	5	ND	1	195	.4	2	2	80	3.07	.249	7	44	1.36	88	.12	2	2.39	.23	.53	1	6
1572	2	94	8	74	.6	27	13	581	4.15	2	5	ND	1	169	.8	2	2	79	3.17	.270	8	39	1.23	69	.16	2	2.34	.23	.26	1	5
1573	3	154	11	31	.7	88	16	516	5.29	6	5	ND	1	110	.3	2	2	44	3.59	.191	7	48	.63	20	.11	3	1.45	.18	.10	1	5
1574	2	169	8	64	.9	16	20	562	5.79	2	5	ND	1	186	.4	2	2	105	2.95	.164	5	16	1.09	124	.20	2	2.62	.30	.70	1	3
1575	2	171	5	84	.8	22	18	673	5.50	2	5	ND	1	184	.7	3	2	119	3.15	.151	5	44	1.33	140	.21	2	2.63	.25	.88	1	7
RE 1579	4	147	5	61	1.0	66	16	709	6.70	2	5	ND	1	185	.7	5	2	71	4.44	.217	4	38	1.12	109	.12	4	3.10	.31	.74	1	2
1576	5	92	9	50	.6	79	10	432	3.58	2	5	ND	1	49	.6	2	2	82	1.94	.076	5	73	.83	40	.17	2	1.02	.08	.17	1	3
1577	4	116	13	64	.8	73	14	582	4.79	2	5	ND	1	98	.5	2	2	117	2.51	.096	4	76	1.20	69	.20	2	1.81	.16	.38	1	7
1578	4	126	11	60	.8	110	19	573	5.42	2	5	ND	1	133	.3	5	2	79	3.04	.129	4	70	1.26	105	.14	2	2.38	.21	.44	1	7
1579	4	149	6	60	.9	67	16	702	6.73	2	5	ND	1	184	.4	6	2	71	4.42	.220	4	39	1.12	105	.13	2	3.11	.31	.73	2	2
1580	5	105	14	100	.7	84	13	776	4.22	19	6	ND	1	133	1.6	6	2	54	6.60	.104	4	37	.65	28	.10	2	2.22	.17	.24	2	7
1581	2	147	8	53	.8	59	18	766	5.02	27	5	ND	1	176	.6	6	2	79	5.21	.087	2	63	1.27	60	.10	2	2.83	.27	.63	1	4
1582	2	155	6	46	1.0	32	19	638	5.54	6	5	ND	1	162	.2	5	2	99	4.08	.105	3	35	1.27	82	.17	2	3.18	.35	.75	2	4
1583	3	172	7	87	1.2	36	18	591	5.13	156	5	ND	1	127	1.1	5	3	73	4.15	.073	2	34	.88	36	.10	2	2.40	.31	.21	1	27
1584	2	133	6	86	.8	32	11	679	4.62	28	5	ND	1	124	.9	3	2	111	3.29	.091	3	45	1.38	81	.21	4	2.67	.26	.78	1	7
1585	1	126	8	87	.8	27	23	953	7.02	2	5	ND	1	148	.6	5	2	153	2.85	.244	5	36	2.11	154	.24	2	3.19	.26	1.60	1	7
1586	2	12	8	63	.1	9	10	635	3.32	3	5	ND	1	191	.4	3	2	40	3.29	.082	16	19	1.22	127	.02	2	1.52	.05	.31	1	2
1587	2	312	11	75	1.2	30	25	802	7.42	7	5	ND	1	111	.6	6	2	132	3.28	.184	5	55	2.02	107	.21	2	2.87	.21	.97	2	3
1588	4	181	9	54	.8	77	23	578	6.46	4	5	ND	1	145	.6	4	2	110	3.29	.108	3	64	1.32	101	.20	2	2.83	.27	.78	1	1
1589	3	121	8	44	.6	124	23	728	5.15	2	5	ND	1	185	.3	3	2	51	4.32	.084	4	68	1.15	80	.11	2	2.09	.14	.74	1	2
1590	5	142	9	55	.7	71	14	689	4.84	6	5	ND	1	97	.3	2	2	113	1.35	.064	3	55	2.16	114	.19	2	2.24	.14	1.36	1	11
1591	2	19	7	46	.5	5	8	600	4.07	3	5	ND	1	153	.4	2	2	72	1.75	.122	9	9	1.31	95	.26	2	1.96	.18	.20	1	1
1592	2	16	5	177	.6	5	9	431	4.33	2	5	ND	1	135	2.5	2	2	65	1.50	.111	5	9	1.25	85	.22	2	1.83	.20	.18	1	2
1593	4	28	5	103	.7	11	9	510	4.22	2	5	ND	1	156	1.0	2	2	77	1.39	.108	7	13	1.26	140	.26	2	1.94	.21	.81	1	1
1594	4	71	8	147	.6	51	8	759	3.42	2	5	ND	1	146	1.9	2	2	62	3.47	.089	5	46	1.11	64	.12	2	1.69	.19	.60	1	5
1595	4	134	9	64	.8	79	13	573	4.76	2	5	ND	1	137	.3	2	2	107	2.82	.103	3	53	1.31	90	.17	2	2.16	.21	.72	1	5
1596	5	162	12	50	.7	80	19	512	5.45	2	5	ND	1	80	.4	2	2	99	2.12	.077	3	55	1.29	83	.12	2	1.68	.14	.64	1	2
1597	3	92	8	105	.6	62	14	612	4.27	6	5	ND	1	103	.7	2	2	101	2.12	.069	2	62	1.78	137	.18	2	2.48	.16	1.32	1	1
1598	4	107	9	199	.6	86	16	567	4.25	5	5	ND	1	174	2.3	5	2	95	3.30	.093	3	88	1.53	118	.17	2	2.93	.27	1.13	1	4
1599	2	95	7	538	.7	27	14	652	4.82	2	5	ND	1	148	7.3	4	2	106	2.54	.096	3	36	2.00	141	.22	2	2.95	.32	1.49	1	1
1600	3	109	11	72	.7	28	14	713	4.75	3	5	ND	1	107	.2	4	2	118	2.86	.082	3	39	1.85	89	.20	2	2.54	.27	.89	1	1
1601	4	121	15	129	.7	45	17	713	5.26	3	5	ND	1	149	.9	3	2	128	2.74	.107	3	71	1.87	140	.20	2	2.90	.36	1.42	1	2
1602	1	153	8	522	.9	23	19	1632	6.02	3	5	ND	1	180	6.0	3	2	108	11.40	.099	2	33	.89	37	.19	2	1.80	.24	.17	3	3
1603	6	114	17	4710	.7	56	16	725	4.39	7	5	ND	1	96	56.7	5	2	128	2.77	.070	3	49	1.26	82	.18	2	1.71	.17	.62	24	1
1604	5	139	8	101	.6	47	14	615	4.76	2	5	ND	1	68	.6	3	2	133	1.76	.066	3	49	1.51	132	.19	3	1.69	.16	.89	1	1
STANDARD C/AU-R	18	59	39	133	6.9	71	34	1045	3.98	41	17	7	37	52	18.3	14	18	55	.49	.090	37	59	.89	177	.09	34	1.89	.06	.15	11	480

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 21 1991 **DATE REPORT MAILED:** Aug 27/91. **SIGNED BY** .... .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1605	3	145	11	2058	.5	42	15	606	4.44	2	5	ND	1	68	24.5	2	2	85	2.43	.053	2	38	1.23	92	.11	2	1.52	.13	.41	1	10
1606	2	97	8	166	.4	35	14	681	3.76	2	5	ND	1	153	2.2	2	2	80	3.56	.071	2	53	1.56	153	.12	2	2.46	.24	.78	1	5
1607	1	138	6	94	.6	43	21	752	5.32	2	5	ND	1	195	1.6	2	2	125	3.49	.115	2	68	2.11	178	.16	4	3.54	.35	.97	1	6
1608	4	100	8	184	.4	62	9	1126	3.13	2	5	ND	1	383	2.0	2	2	62	10.34	.170	4	36	.90	74	.08	3	1.99	.23	.35	1	7
1609	4	79	9	504	.4	59	6	1010	2.18	2	5	ND	1	266	4.6	2	2	58	9.45	.134	3	55	.69	9	.05	4	.76	.05	.08	1	3
1610	1	115	5	292	.6	30	21	1090	5.12	10	5	ND	1	261	3.9	2	2	147	5.32	.195	3	46	2.27	136	.13	5	4.12	.44	1.06	1	8
1611	1	112	9	1798	.6	46	21	1068	4.73	43	5	ND	1	198	19.1	2	2	109	4.60	.125	2	111	2.23	154	.14	3	3.39	.29	1.19	1	7
1612	2	125	21	1522	.8	76	18	876	4.40	6	5	ND	2	107	13.1	2	2	102	2.88	.086	3	89	2.27	106	.12	3	2.71	.18	.99	1	12
1613	1	83	15	520	.8	51	17	1416	4.12	19	5	ND	1	100	5.2	2	2	89	5.48	.089	2	74	2.27	47	.11	2	2.40	.15	.69	1	11
1614	1	39	6	116	.3	11	7	738	2.14	2	5	ND	1	67	1.1	2	2	35	2.40	.054	3	11	1.08	14	.05	5	1.56	.16	.31	1	7
1615	2	74	6	81	.4	28	11	925	2.95	2	5	ND	1	70	.8	2	2	46	3.01	.050	2	18	1.34	17	.07	3	1.94	.18	.56	1	6
1616	2	103	9	101	.5	78	16	878	3.50	16	5	ND	1	55	1.1	2	2	82	2.46	.051	2	40	1.52	20	.11	2	1.77	.15	.67	1	19
1617	2	72	6	50	.3	81	14	1264	3.30	28	5	ND	1	113	.4	2	2	89	4.21	.078	2	63	1.76	36	.12	2	2.06	.16	.93	1	7
1618	2	60	3	51	.3	57	13	1367	3.33	6	5	ND	1	302	.7	2	2	106	6.51	.102	2	84	1.81	54	.12	5	3.09	.26	1.04	1	10
1619	2	33	4	33	.2	14	6	809	1.94	4	5	ND	1	259	.2	2	2	30	3.67	.048	2	11	.96	26	.05	3	1.77	.16	.33	1	11
RE 1624	2	207	6	292	.9	76	35	825	5.63	11	5	ND	1	86	3.1	2	2	82	6.11	.104	3	84	1.59	105	.12	3	1.53	.06	.41	1	10
1620	2	65	4	47	.3	69	15	838	3.10	37	5	ND	1	336	.4	2	2	73	2.98	.062	2	48	1.30	30	.11	4	2.02	.17	.63	1	16
1621	1	22	4	39	.2	25	8	591	2.07	6	5	ND	2	82	.2	2	2	44	1.64	.088	3	20	1.27	33	.09	5	1.95	.16	.43	1	9
1622	1	86	2	19	.4	49	10	884	2.49	1431	5	ND	1	98	.3	3	2	38	5.55	.037	3	23	1.92	27	.05	4	1.32	.09	.31	1	139
1623	2	81	9	375	.5	82	9	602	2.02	41	5	ND	1	44	2.5	2	2	55	2.21	.045	3	35	1.04	48	.09	2	1.03	.05	.18	1	9
1624	2	223	5	330	.9	81	36	870	6.00	12	5	ND	1	82	3.3	2	2	86	6.19	.112	4	88	1.68	116	.13	3	1.59	.06	.45	1	15
1625	2	265	2	1260	1.1	49	19	890	5.91	2	5	ND	1	75	9.2	2	2	141	4.54	.143	4	82	2.69	162	.21	2	2.80	.12	.46	1	9
1626	3	245	19	105	1.1	50	20	566	4.95	3	5	ND	2	43	.9	2	2	90	2.48	.112	8	60	1.82	37	.18	9	1.79	.08	.25	1	6
1627	3	180	12	62	.7	65	15	439	4.79	2	5	ND	2	28	.5	2	2	97	1.07	.071	7	70	1.80	58	.18	4	1.73	.07	.38	1	6
1628	3	137	4	36	.7	66	15	460	3.87	2	5	ND	1	29	.5	2	2	69	1.95	.068	5	59	1.26	21	.13	5	1.14	.04	.12	1	7
1629	3	185	9	56	.9	98	31	512	5.20	2	5	ND	1	43	.8	2	2	75	2.88	.071	4	69	1.52	22	.11	2	1.30	.05	.15	1	16
1630	1	229	3	87	.6	108	21	772	5.56	2	5	ND	1	49	.9	2	2	129	2.64	.143	4	183	3.35	68	.18	2	2.97	.10	.48	1	2
1631	3	65	3	52	.3	64	10	502	3.48	3	5	ND	3	20	.4	2	2	107	.92	.075	6	93	2.21	9	.17	2	1.95	.07	.06	1	6
1632	3	69	6	82	.3	36	8	804	3.89	2	5	ND	1	64	.6	2	2	128	4.42	.150	5	47	2.38	26	.18	2	2.27	.10	.14	1	4
1633	3	53	2	96	.2	65	10	814	4.48	2	5	ND	1	69	.8	2	2	146	3.69	.161	4	126	3.59	42	.14	2	3.01	.09	.26	1	8
1634	11	61	2	64	.3	71	8	583	2.43	8	5	ND	2	51	.5	2	2	96	3.71	.091	6	84	1.59	29	.13	3	1.39	.07	.24	1	11
1635	15	114	2	88	.2	57	14	929	4.30	11	5	ND	1	70	.7	2	2	194	5.90	.124	4	143	2.72	66	.16	2	2.54	.09	.45	1	16
1636	1	94	2	74	.3	35	21	760	4.98	48	5	ND	2	72	.8	2	2	134	3.09	.128	4	91	2.60	230	.23	2	2.70	.10	.80	1	16
1637	1	94	2	73	.3	30	16	802	4.92	47	5	ND	1	101	.9	2	2	143	3.72	.130	4	79	2.53	282	.25	2	3.44	.20	1.40	1	19
1638	1	107	2	78	.3	35	20	985	5.12	39	5	ND	1	86	1.0	2	2	143	6.23	.138	4	83	2.63	167	.26	3	2.99	.11	.89	1	37
1639	1	99	2	89	.3	36	18	963	4.90	11	5	ND	1	116	.8	2	2	147	5.16	.143	4	91	2.46	307	.28	2	3.41	.17	1.45	1	10
STANDARD C/AU-R	18	57	38	133	6.6	69	31	1050	4.06	39	20	6	39	52	18.8	16	19	55	.47	.093	37	58	.90	187	.09	34	1.92	.05	.15	13	460

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-3780 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1640	2	205	2	40	.6	24	8	433	3.94	2	5	ND	1	79	.2	2	3	71	2.04	.065	3	50	1.41	72	.11	2	2.34	.19	.87	1	7
1641	1	146	2	69	.7	35	20	934	5.59	8	5	ND	1	117	.2	4	4	137	4.22	.140	4	71	2.54	238	.24	2	3.30	.20	2.63	1	6
1642	1	30	4	219	.4	5	11	1035	4.88	3	5	ND	1	77	1.3	3	3	122	3.28	.081	5	22	1.96	98	.24	2	2.25	.04	.58	1	2
1643	1	25	2	80	.5	5	16	1266	5.92	4	5	ND	1	75	.2	2	2	102	3.73	.054	4	16	2.29	18	.19	2	2.59	.02	.07	1	2
1643A	7	82	12	45	.7	29	12	372	2.94	5	5	ND	3	54	.5	2	2	69	1.24	.082	4	27	.76	34	.11	3	1.53	.16	.22	1	1
1644	2	114	6	31	.8	34	17	528	4.33	5	5	ND	1	99	.2	2	4	128	1.80	.161	4	86	1.10	55	.19	5	2.92	.29	.80	1	3
1645	2	94	6	28	.6	27	16	522	4.02	5	5	ND	1	55	.3	2	2	83	1.25	.143	4	81	1.12	43	.17	2	2.00	.19	.39	1	3
1646	2	132	10	35	.8	32	18	356	5.25	2	5	ND	1	61	.4	2	4	62	1.36	.154	3	36	.78	32	.15	2	1.54	.18	.25	1	2
1647	2	73	122	156	1.3	29	9	426	2.89	4	5	ND	1	43	1.1	2	2	33	1.00	.041	3	23	.84	27	.08	2	1.54	.15	.18	1	1
1648	2	70	43	92	1.0	24	9	577	3.15	12	5	ND	1	17	.7	2	2	35	.67	.042	3	22	1.23	28	.07	2	1.31	.05	.20	1	3
1649	1	76	5	38	.5	27	9	615	2.18	6	5	ND	1	43	.2	2	2	56	1.15	.069	4	29	.98	30	.13	3	1.55	.11	.28	1	1
1650	1	86	5	47	.6	27	7	1141	2.97	6	5	ND	1	66	.3	2	2	67	2.73	.094	5	26	1.22	83	.23	3	1.95	.06	.72	1	1
1651	1	105	8	56	.8	50	15	538	3.59	4	5	ND	3	151	.3	2	2	71	2.12	.110	6	69	1.14	107	.21	3	3.21	.33	1.09	1	5
1652	1	39	6	29	.4	12	3	422	1.06	3	5	ND	1	76	.4	2	2	44	1.67	.041	5	28	.55	20	.13	3	1.48	.11	.14	1	1
1653	2	109	6	34	.7	19	7	359	1.52	5	5	ND	1	112	.4	2	2	58	1.76	.070	5	45	.62	40	.12	2	2.02	.17	.26	1	1
1654	16	104	20	67	.8	53	17	559	3.41	4	5	ND	1	141	.4	2	4	143	2.71	.104	6	68	1.09	35	.20	3	3.62	.32	.33	1	1
1655	14	87	8	60	.7	50	14	478	3.20	2	5	ND	1	120	.2	2	4	132	2.16	.074	5	58	.96	51	.17	2	3.27	.30	.54	1	2
1656	2	62	28	68	.8	29	9	765	2.76	7	5	ND	1	26	.4	2	2	58	.55	.058	4	31	1.34	21	.09	2	1.54	.07	.16	1	1
1657	1	128	10	93	1.2	31	20	978	6.13	6	5	ND	1	28	.3	3	4	153	.91	.187	4	29	2.35	81	.25	2	2.49	.09	1.26	1	2
1658	1	85	6	39	.7	37	9	452	2.49	4	5	ND	1	51	.3	2	2	56	.89	.040	4	49	.73	30	.11	3	1.31	.10	.17	1	3
1659	2	131	80	242	1.5	56	24	699	4.91	8	5	ND	1	76	1.4	2	4	84	1.32	.128	6	77	1.41	83	.20	2	2.06	.17	.76	1	3
1660	2	100	25	81	1.0	27	15	477	4.69	5	5	ND	1	72	.5	2	2	67	1.28	.105	4	44	1.12	39	.13	2	1.80	.17	.30	1	2
1661	1	73	53	144	1.0	9	9	619	4.32	13	5	ND	1	50	1.1	2	2	33	2.23	.074	4	17	1.16	18	.07	2	1.43	.05	.14	1	1
1662	1	58	15	94	.6	12	8	628	3.78	3	5	ND	1	47	.7	2	2	45	1.47	.079	4	50	1.32	20	.10	2	1.41	.08	.10	1	1
1663	2	61	11	63	.5	35	11	420	2.85	3	5	ND	1	56	.5	2	2	60	1.72	.091	4	35	.75	28	.11	2	1.11	.10	.18	1	2
1664	1	91	6	61	.7	37	20	523	4.94	3	5	ND	1	132	.3	2	3	98	2.60	.231	5	51	1.27	110	.21	2	2.26	.21	.70	1	1
1665	1	107	9	87	.8	42	22	494	5.62	2	5	ND	1	119	.6	2	2	101	2.21	.231	6	46	1.36	85	.21	2	2.13	.19	.68	1	4
1666	2	44	8	33	.4	11	8	190	2.12	2	5	ND	5	70	.4	2	2	25	.86	.147	16	9	.38	51	.22	2	.62	.08	.07	1	1
1667	2	122	17	50	1.1	35	18	315	4.56	5	5	ND	1	69	.5	2	3	65	1.07	.097	4	30	.99	37	.11	2	1.80	.16	.28	1	1
RE 1663	2	59	11	64	.5	36	12	395	2.69	4	5	ND	1	57	.5	2	2	61	1.76	.093	5	34	.77	29	.11	2	1.14	.10	.19	1	2
1668	2	108	27	48	1.0	36	14	439	3.97	5	5	ND	1	47	.3	2	3	83	.95	.103	4	37	1.06	65	.19	2	1.61	.11	.37	1	1
1669	1	101	2	52	.6	45	20	466	4.68	5	5	ND	1	99	.2	2	2	87	1.26	.152	6	75	1.66	58	.22	2	2.55	.23	1.33	1	3
1670	1	88	12	46	.7	28	10	431	2.87	7	5	ND	1	129	.4	2	2	59	1.82	.083	5	43	.97	113	.19	2	2.50	.23	.69	1	1
1671	1	70	7	42	.5	28	9	415	2.94	3	5	ND	2	91	.3	2	2	51	1.42	.065	5	31	1.10	128	.18	3	2.68	.21	.84	1	1
1672	1	82	8	28	.4	31	11	329	3.28	2	5	ND	1	88	.2	2	2	38	1.56	.073	4	30	.78	38	.12	3	1.98	.18	.19	1	1
1673	1	81	2	24	.4	38	17	301	3.02	5	5	ND	1	134	.2	2	2	62	1.70	.075	4	49	.78	77	.13	2	2.50	.23	.58	1	1
1674	1	67	7	26	.3	26	11	294	2.62	4	5	ND	1	125	.2	2	2	51	1.50	.070	5	23	.64	69	.11	2	2.25	.22	.32	1	2
STANDARD C/AU-R	18	57	39	131	6.7	70	33	1028	3.92	39	19	7	36	53	18.7	14	18	57	.48	.088	36	58	.87	176	.09	34	1.87	.06	.15	13	480

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 22 1991 **DATE REPORT MAILED:** Aug 27/91. **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1675	1	45	4	26	.2	23	10	361	2.10	2	5	ND	2	100	.2	2	2	55	1.55	.064	4	32	.70	138	.14	4	2.10	.17	.40	1	3
1676	1	51	11	35	.4	14	7	466	2.56	2	5	ND	2	106	.3	2	2	49	1.77	.056	4	23	.85	104	.14	2	1.88	.13	.53	2	8
1677	1	255	11	58	.9	44	17	610	6.18	9	5	ND	1	154	.7	2	2	98	3.09	.116	5	85	1.51	91	.16	5	3.43	.25	.41	2	7
1678	1	165	3	56	.8	48	22	508	5.34	4	5	ND	2	147	.5	2	2	112	2.16	.139	6	99	1.60	58	.21	2	3.28	.30	.84	2	4
RE 1682	1	39	8	39	.3	13	4	424	2.10	2	5	ND	1	37	.3	2	2	42	1.02	.067	4	22	.80	49	.09	2	1.48	.09	.35	1	8
1679	1	36	6	44	.2	12	11	367	2.96	2	5	ND	4	99	.2	2	2	51	.80	.082	7	15	.84	116	.25	2	1.22	.12	.47	1	6
1680	1	81	4	130	.4	35	14	525	3.90	2	5	ND	1	106	1.0	2	2	63	1.38	.067	3	44	1.47	125	.15	2	2.80	.16	.78	1	12
1681	1	47	3	49	.5	25	10	564	3.16	4	5	ND	3	57	.2	2	2	60	.99	.071	5	26	1.23	146	.20	2	1.82	.10	.48	1	10
1682	1	39	9	38	.3	12	4	432	2.00	2	5	ND	2	34	.2	2	2	39	.95	.061	4	24	.76	50	.08	2	1.37	.09	.35	1	9
1683	1	72	2	44	.5	50	15	461	3.76	4	5	ND	1	167	.3	2	2	69	1.92	.099	4	61	1.07	110	.16	4	3.44	.40	.63	1	7
1684	1	97	5	55	.6	39	12	401	2.94	13	5	ND	1	64	.4	2	2	52	1.08	.052	3	32	.86	41	.10	4	1.88	.17	.28	1	9
1685	6	110	6	35	.7	49	13	447	2.85	7	5	ND	2	125	.3	2	2	51	2.45	.066	5	37	.77	39	.07	2	2.64	.22	.24	1	4
1686	3	102	15	50	.6	32	12	559	3.50	7	5	ND	2	92	.5	2	2	61	2.61	.092	5	30	1.26	32	.07	3	2.04	.13	.26	1	8
1687	2	83	7	37	.3	29	13	528	2.33	8	5	ND	2	61	.3	2	2	58	1.67	.061	5	29	.94	20	.07	2	1.53	.12	.16	1	2
1688	1	69	6	46	.6	30	14	601	3.62	8	5	ND	1	97	.4	2	2	75	1.72	.071	3	44	1.16	69	.14	2	2.08	.19	.55	1	5
1689	1	82	5	49	.5	25	11	534	3.13	20	5	ND	3	40	.4	2	2	54	1.27	.055	4	25	1.24	43	.05	2	1.39	.07	.24	1	7
1690	2	75	17	36	.7	28	12	623	3.03	10	5	ND	2	127	.3	2	2	42	3.76	.070	5	33	.85	34	.04	3	1.73	.13	.20	1	17
1691	1	30	17	35	.2	10	6	450	2.22	2	5	ND	6	60	.3	2	2	47	1.78	.069	11	13	.89	50	.15	2	1.07	.07	.11	1	6
1692	3	63	14	61	.3	29	9	458	2.56	8	5	ND	1	80	.6	2	2	44	1.60	.057	5	22	.92	30	.07	4	1.65	.14	.22	1	9
1693	2	96	142	350	1.7	45	13	895	4.05	32	5	ND	2	99	5.1	8	2	53	2.89	.103	7	37	1.69	60	.05	3	1.80	.07	.42	1	1
1694	1	105	21	118	1.0	44	18	668	3.84	9	5	ND	2	166	1.5	3	2	52	2.61	.110	8	35	1.07	104	.09	2	2.27	.22	.43	1	6
1695	34	102	21	75	1.1	65	15	728	3.04	17	5	ND	2	54	.8	6	2	130	1.92	.071	6	27	1.10	37	.05	4	1.32	.07	.22	1	4
1696	11	114	43	224	1.0	31	18	1096	3.82	15	5	ND	1	97	3.1	3	2	70	3.62	.090	7	26	1.54	45	.06	2	1.88	.11	.25	1	6
1697	1	132	77	108	.9	32	15	888	3.89	14	5	ND	2	97	1.3	33	2	76	2.69	.079	5	46	1.73	62	.07	2	2.24	.11	.38	1	1
1698	20	76	29	50	1.0	53	10	780	2.34	34	5	ND	2	79	.6	35	2	128	2.91	.056	7	41	1.11	36	.01	2	1.24	.04	.22	1	7
1699	13	96	71	865	1.9	50	15	784	3.26	217	5	ND	3	156	13.2	62	2	61	3.57	.059	7	25	1.04	38	.01	4	1.31	.01	.21	1	17
1700	1	75	18	97	1.0	19	10	786	3.43	17	5	ND	2	130	.9	3	2	36	2.87	.087	8	17	1.22	61	.01	3	1.59	.03	.28	1	6
1701	1	89	9	80	.6	38	21	959	5.08	11	5	ND	1	150	.7	2	2	101	3.27	.104	5	86	2.37	59	.04	3	2.43	.07	.31	1	1
1702	1	81	13	120	.5	23	12	584	3.44	12	5	ND	1	86	1.3	5	2	53	2.45	.079	5	24	1.41	82	.02	3	1.47	.03	.21	1	5
1703	1	90	14	120	.8	30	13	872	3.49	22	5	ND	2	100	1.2	5	2	53	3.21	.096	5	42	1.40	36	.03	3	1.65	.05	.25	1	9
1704	1	108	12	129	.9	25	14	725	3.49	99	5	ND	2	99	1.1	2	2	55	3.07	.093	7	29	1.39	36	.03	3	1.78	.07	.29	1	6
1705	3	117	17	80	.7	34	15	622	4.01	59	5	ND	1	102	.6	2	2	65	2.28	.069	4	40	1.16	23	.06	2	1.52	.09	.15	1	4
1706	1	84	43	375	1.0	23	13	914	3.58	115	5	ND	1	116	5.1	8	2	59	3.67	.085	6	23	1.62	34	.02	3	1.69	.04	.27	1	5
1707	13	88	27	93	.8	37	13	896	3.31	61	5	ND	1	119	1.0	4	2	59	3.28	.064	5	29	1.40	32	.02	2	1.50	.05	.20	1	1
1708	4	101	37	108	1.2	40	18	756	3.87	27	5	ND	1	86	1.3	3	2	71	2.15	.073	4	50	1.74	44	.05	2	1.79	.06	.38	1	4
1709	7	121	39	135	1.6	37	16	950	3.57	50	5	ND	1	89	1.8	6	2	45	2.28	.060	4	16	1.82	81	.01	3	1.57	.03	.23	1	7
1710	7	122	68	91	4.0	41	17	2125	4.62	140	5	ND	1	176	1.4	10	2	34	4.21	.074	5	32	1.81	42	.01	2	1.03	.02	.19	1	12
STANDARD C/AU-R	18	56	37	135	7.3	70	32	1036	3.92	43	20	6	40	51	18.5	18	19	55	.49	.089	39	58	.87	175	.09	34	1.91	.06	.16	11	490

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

KRL Resources Corp. FILE # 91-3780

ACME ANALYTICAL

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
1711	6	60	516	332	3.4	41	10	3056	3.33	742	5	ND	1	181	4.9	433	2	18	5.10	.049	5	15	1.67	46	.01	2	.79	.02	.28	1	19
1712	71	66	48	413	2.1	72	20	2325	4.01	235	7	ND	1	195	5.7	99	2	88	5.35	.101	6	21	1.53	71	.01	4	1.08	.01	.36	2	9
1713	34	137	77	1213	2.4	85	15	1230	3.09	90	5	ND	1	97	18.5	112	2	83	2.70	.055	4	23	.92	39	.01	2	1.07	.02	.30	3	11
1714	94	119	699	380	3.7	101	18	1299	4.41	49	5	ND	1	123	5.4	243	2	145	3.55	.087	7	27	1.35	53	.01	2	1.44	.04	.37	1	6
1715	57	121	53	209	1.4	71	14	787	4.03	28	5	ND	1	94	2.9	15	3	91	2.45	.095	6	25	1.30	45	.01	15	1.38	.06	.33	1	1
1716	34	96	66	488	1.1	61	14	1986	3.67	30	5	ND	1	150	7.2	57	2	74	4.51	.056	5	19	1.28	43	.01	10	.75	.04	.26	1	3
1717	4	77	188	529	1.5	48	10	1943	2.66	19	5	ND	1	164	8.2	70	2	14	4.13	.068	6	14	1.30	37	.01	2	.63	.01	.27	1	11
1718	9	91	203	563	2.3	47	12	1710	3.07	37	5	ND	1	164	8.8	75	2	19	3.42	.060	6	17	1.11	44	.01	2	.65	.01	.25	1	1
1719	7	57	85	161	1.1	34	15	1592	2.49	42	5	ND	1	248	2.0	46	2	15	6.56	.043	6	15	.95	57	.01	2	1.23	.01	.25	1	1
1720 -	2	101	23	245	.8	34	12	572	3.05	7	5	ND	1	54	1.8	2	2	39	1.09	.055	4	28	.81	53	.07	3	1.72	.11	.30	1	2
1721	2	83	7	388	.5	39	13	609	3.34	7	5	ND	1	64	3.2	2	2	45	1.05	.052	4	37	.93	74	.09	5	1.98	.13	.34	1	3
1722	2	46	13	56	.3	16	5	400	1.48	4	5	ND	1	48	.4	2	2	26	1.28	.055	4	26	.48	25	.09	5	1.10	.08	.16	1	1
1723	3	20	11	18	.2	11	2	127	.87	2	5	ND	13	15	.2	2	2	5	.35	.005	6	11	.09	32	.04	2	.35	.07	.15	1	2
1724	1	143	8	52	.6	35	11	535	3.01	4	5	ND	1	109	.3	2	3	48	1.61	.052	4	36	.95	60	.12	4	2.43	.20	.42	1	6
1725	5	92	5	28	.4	34	16	507	3.14	3	5	ND	2	91	.2	2	3	73	1.33	.092	5	46	1.06	48	.13	12	1.99	.19	.35	1	1
RE 1721	2	85	4	395	.6	40	13	609	3.42	7	5	ND	1	65	3.2	2	2	45	1.04	.052	4	36	.93	75	.09	5	1.98	.13	.34	1	1
1726	17	82	4	29	.4	56	17	480	4.62	5	5	ND	1	81	.2	2	2	146	1.52	.092	5	73	1.73	78	.21	2	2.36	.19	.91	1	1
1727	18	133	2	33	.5	56	17	578	4.12	4	5	ND	1	99	.2	2	3	137	1.92	.083	4	82	1.52	85	.22	3	3.38	.33	1.02	1	1
1728	2	80	2	42	.4	29	11	685	3.45	3	5	ND	2	45	.2	2	2	70	1.11	.078	4	43	1.69	103	.24	2	2.61	.15	1.07	1	1
1729	5	98	11	48	.6	35	11	461	4.03	3	5	ND	2	42	.2	2	2	79	.83	.077	5	41	1.43	176	.26	2	1.55	.10	.61	1	4
1730	2	154	36	40	1.0	32	11	338	3.71	28	5	ND	2	35	.2	2	3	51	1.00	.063	5	35	.78	48	.14	13	.92	.10	.16	1	1
1731	2	104	28	50	1.0	32	13	413	3.26	87	5	ND	2	46	.2	2	2	60	1.50	.069	6	39	1.23	38	.12	5	1.18	.08	.19	1	1
STANDARD C/AU-R	19	62	41	137	7.4	72	32	1148	3.92	42	18	7	39	52	19.0	16	18	59	.50	.099	41	60	.91	183	.10	32	1.87	.07	.17	13	510

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-4712 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1732	3	438	44	64	3.0	30	45	419	5.74	4231	5	ND	1	53	.9	4	8	63	2.36	.081	3	20	1.15	74	.07	4	1.41	.07	.17	1	140
1733	1	335	10	40	1.5	29	13	338	4.32	565	5	ND	1	126	.3	6	4	87	2.74	.210	3	21	1.18	59	.10	3	2.53	.27	.19	1	75
1734	1	100	24	35	1.8	5	25	651	2.40	2886	5	ND	1	98	.3	2	8	44	5.45	.094	4	10	.94	40	.07	4	1.22	.06	.12	1	520
~~RE 1739~~	~~2~~	~~103~~	~~4~~	~~42~~	~~.3~~	~~3~~	~~10~~	~~622~~	~~4.59~~	~~8~~	~~5~~	~~ND~~	~~4~~	~~117~~	~~.2~~	~~3~~	~~3~~	~~89~~	~~3.38~~	~~.251~~	~~10~~	~~7~~	~~1.10~~	~~210~~	~~.27~~	~~3~~	~~2.38~~	~~.23~~	~~1.24~~	~~1~~	~~5~~
1735	1	244	20	38	1.7	4	6	338	3.10	467	5	ND	1	91	.4	2	5	50	2.45	.105	4	10	1.02	81	.12	3	1.57	.13	.18	1	31
1736	2	222	7	29	.6	3	3	267	2.86	22	5	ND	1	141	.2	2	3	51	1.92	.113	4	10	.92	101	.19	3	1.69	.20	.19	1	128
1737	2	249	7	32	.8	9	7	267	3.61	295	5	ND	1	118	.3	2	4	59	1.44	.102	3	16	1.07	101	.19	3	1.78	.21	.22	1	21
1738	2	647	5	41	1.2	17	12	421	5.09	32	5	ND	3	91	.3	2	6	73	2.53	.231	10	16	.96	89	.21	3	1.73	.22	.31	1	17
1739	2	107	3	42	.3	3	9	624	4.65	6	5	ND	4	120	.2	2	2	90	3.37	.253	11	8	1.10	223	.28	4	2.41	.25	1.26	1	8
1740	2	249	9	43	.6	9	15	466	5.55	32	5	ND	4	101	.2	2	4	82	2.04	.265	10	13	1.10	93	.23	2	2.12	.29	.67	1	22
1741	1	201	5	39	.4	2	14	530	4.92	13	5	ND	4	113	.2	2	3	82	2.66	.281	12	9	.98	109	.21	2	1.86	.19	.37	1	58
1742	1	390	4	38	.7	3	15	443	5.07	3	5	ND	4	95	.2	2	4	81	2.60	.278	11	8	.96	115	.22	2	1.68	.16	.31	1	12
1743	2	367	5	32	.7	8	13	352	5.07	5	5	ND	4	78	.2	2	5	74	2.09	.278	12	8	.88	102	.23	3	1.53	.15	.31	1	10
1744	2	272	6	39	.7	6	11	468	4.51	35	5	ND	5	97	.2	2	4	84	1.96	.285	13	10	1.05	122	.22	2	1.86	.21	.27	1	7
1745	2	578	4	2361	.8	37	31	335	5.50	3705	5	ND	1	55	30.9	8	6	58	1.77	.105	4	30	.81	71	.16	2	1.19	.13	.47	13	140
1746	2	673	3	56	.8	4	17	401	6.30	41	5	ND	3	94	.6	2	7	72	2.66	.252	10	9	.92	105	.25	3	1.69	.16	.33	1	95
1747	2	326	7	38	.6	3	19	367	6.32	42	5	ND	4	101	.2	2	7	84	1.90	.283	11	9	1.01	140	.28	2	1.96	.19	.60	1	34
1748	1	267	7	42	.4	1	14	446	5.83	16	5	ND	3	108	.2	2	6	87	2.35	.270	10	9	1.06	235	.29	3	2.11	.22	.87	1	86
1749	1	296	4	74	.7	1	14	847	6.79	26	5	ND	3	109	.2	2	4	110	2.44	.259	9	5	1.47	435	.31	4	2.90	.21	2.35	1	92
1750	2	130	2	63	.3	2	13	662	5.95	26	5	ND	4	120	.2	2	2	110	1.61	.295	11	6	1.45	430	.33	5	3.00	.24	2.06	1	9
1751	1	204	5	43	.5	1	12	494	5.12	11	5	ND	3	69	.2	2	4	91	1.65	.259	10	6	1.30	159	.26	2	1.90	.11	.73	1	21
1752	1	529	51	39	2.3	2	32	1070	6.75	633	5	ND	2	146	.3	2	7	74	6.56	.202	11	9	1.15	85	.17	2	1.53	.10	.30	1	91
1753	1	546	9	40	1.4	1	14	431	5.85	10	5	ND	3	73	.4	2	6	88	2.50	.266	11	7	1.25	118	.23	2	1.55	.11	.63	1	20
1754	1	676	23	44	2.4	1	20	379	6.70	161	5	ND	2	68	.5	2	9	74	2.32	.257	9	9	.97	99	.21	2	1.45	.15	.34	1	230
1755	2	336	5	41	.8	2	14	358	5.28	107	5	ND	2	66	.2	2	6	98	1.68	.308	10	9	1.31	147	.27	2	1.84	.16	.67	1	41
1756	2	272	8	46	.9	1	9	416	4.66	4	5	ND	3	70	.2	2	5	94	1.67	.296	12	7	1.24	251	.30	3	1.92	.17	1.02	1	44
1757	1	287	5	31	.5	1	10	308	4.67	6	5	ND	2	56	.2	2	5	76	1.71	.273	11	8	.93	140	.28	2	1.47	.15	.56	1	53
1758	3	399	3	87	.8	2	13	354	5.68	14	5	ND	2	68	.3	2	5	88	1.48	.264	10	17	1.25	203	.24	4	1.88	.16	.71	1	32
1759	1	325	2	42	.7	1	12	371	5.14	50	5	ND	3	68	.2	2	4	94	1.71	.269	11	8	1.26	171	.25	4	1.85	.14	.64	1	21
1760	2	178	5	61	.4	2	8	473	5.22	5	5	ND	3	60	.2	2	2	98	1.22	.257	11	4	2.02	327	.31	3	2.59	.16	1.80	1	12
1761	1	144	3	37	.3	64	25	474	3.84	94	5	ND	1	190	.2	2	2	77	3.33	.156	2	113	1.39	133	.19	2	3.68	.48	.75	1	11
1762	1	168	2	37	.5	73	21	351	4.27	176	5	ND	1	121	.2	2	4	85	1.64	.116	2	117	1.50	121	.18	3	2.85	.31	.85	1	36
1763	1	96	3	46	.3	56	15	435	3.64	135	5	ND	1	154	.2	2	4	82	1.91	.157	2	106	2.04	126	.20	3	2.90	.28	1.11	1	45
1764	1	177	2	38	.5	45	20	347	3.68	384	5	ND	1	170	.2	2	4	81	1.95	.188	3	80	1.60	163	.21	3	2.91	.37	1.25	1	69
1765	1	246	3	34	.4	55	19	330	4.42	273	5	ND	1	181	.2	2	6	71	2.13	.184	2	81	1.40	131	.19	2	2.98	.40	.85	1	106
1766	1	169	5	33	.4	59	14	352	3.67	291	5	ND	1	101	.2	2	6	88	2.50	.131	2	71	1.44	104	.20	2	2.64	.34	1.26	1	88
1767	7	67	2	15	.1	73	8	351	1.55	84	5	ND	1	43	.2	2	2	51	2.74	.052	3	92	.54	15	.06	2	.98	.10	.20	1	11
STANDARD C/AU-R	18	61	40	133	6.7	70	33	1047	4.00	39	18	6	36	54	18.4	15	19	55	.48	.089	37	59	.89	183	.09	33	1.89	.06	.15	12	450

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 25 1991 DATE REPORT MAILED: Sept 27/91. SIGNED BY.........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1768	3	492	15	57	2.1	8	14	426	4.44	192	5	ND	4	45	1.2	2	3	72	2.04	.174	14	8	1.05	69	.18	2	1.33	.09	.25	1	29
1769	2	539	8	59	1.7	3	11	375	3.97	132	5	ND	5	56	1.0	2	3	83	2.13	.183	13	1	1.21	79	.20	2	1.52	.09	.29	3	45
1770	3	552	11	58	1.6	3	10	305	3.76	103	5	ND	5	53	1.0	2	3	76	1.57	.170	13	10	.94	96	.19	2	1.36	.11	.33	3	41
1771	2	324	16	46	1.1	1	21	291	4.17	482	5	ND	4	57	.6	2	6	75	1.68	.187	12	1	.83	81	.19	2	1.26	.10	.23	2	123
1772	1	409	47	61	2.9	1	20	435	4.13	978	5	ND	3	49	.5	2	13	73	2.51	.157	10	1	.97	56	.16	2	1.38	.08	.13	1	241
1773	4	840	19	53	1.9	2	11	320	5.27	292	5	ND	6	82	1.1	2	5	65	1.90	.166	12	12	.77	46	.16	2	1.62	.19	.16	3	49
~~RE 1770~~	~~3~~	~~573~~	~~12~~	~~57~~	~~1.1~~	~~2~~	~~10~~	~~310~~	~~3.83~~	~~108~~	~~5~~	~~ND~~	~~4~~	~~54~~	~~.7~~	~~2~~	~~7~~	~~76~~	~~1.59~~	~~.174~~	~~12~~	~~10~~	~~.97~~	~~100~~	~~.20~~	~~2~~	~~1.40~~	~~.11~~	~~.34~~	~~2~~	~~39~~
1774	2	155	11	39	.9	1	25	416	3.73	4669	5	ND	6	85	.4	2	9	69	2.31	.164	10	1	1.06	37	.10	2	2.08	.21	.17	2	515
1775	2	89	16	47	.3	15	8	848	3.13	316	5	ND	2	79	.3	2	2	74	3.74	.109	5	25	1.38	19	.11	2	1.91	.14	.24	1	13
1776	3	73	9	34	.3	36	14	1416	3.55	75	5	ND	1	164	.4	2	2	68	7.59	.082	2	66	1.31	34	.08	2	2.54	.19	.51	1	16
1777	2	135	15	69	.5	20	16	1114	4.25	1262	5	ND	1	176	.8	2	3	96	3.97	.144	3	41	1.96	69	.13	2	5.62	.50	1.41	1	56
1778	1	245	11	43	.8	24	14	1367	3.79	29	5	ND	1	169	1.2	2	2	84	4.32	.134	2	46	1.38	64	.12	2	5.37	.37	1.37	2	9
1779	5	87	2	19	.2	64	6	1234	2.01	8	5	ND	1	137	.5	2	2	58	4.24	.059	2	78	.82	45	.08	2	1.97	.07	.44	1	5
STANDARD C/AU-R	18	57	38	124	7.0	71	30	996	3.90	41	16	6	36	50	18.5	16	20	56	.46	.083	35	59	.84	173	.09	33	1.83	.05	.14	13	460

<u>Samples beginning 'RE' are duplicate samples.</u>

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C.

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-4792 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1780	6	168	3	20	.3	89	14	647	3.80	2	5	ND	1	101	.2	2	2	74	3.41	.087	2	61	.86	81	.08	3	1.70	.10	.35	1	14
1781	5	100	4	27	.2	98	8	345	2.24	12	5	ND	1	39	.2	2	2	85	1.14	.087	2	69	1.01	90	.13	3	1.12	.07	.41	2	3
1782	5	207	49	77	1.1	80	13	746	4.65	2	5	ND	1	70	.8	2	2	60	3.94	.086	2	52	.72	29	.09	2	.94	.06	.10	1	13
1783	7	228	2	27	.6	114	18	402	4.93	19	5	ND	1	83	.5	2	2	57	2.56	.178	4	42	1.02	76	.09	2	1.83	.16	.49	1	5
1784	6	293	2	34	.8	108	19	535	4.86	26	5	ND	1	113	.3	2	2	49	4.00	.195	3	34	1.10	62	.08	3	2.35	.19	.60	2	6
1785	6	182	5	8	.8	82	14	712	3.65	8	5	ND	1	152	.2	2	2	13	6.33	.134	4	16	.18	3	.04	2	.78	.03	.02	1	10
1786	9	171	25	370	3.7	100	14	1233	3.33	24	5	ND	1	200	2.5	2	2	61	7.92	.176	3	57	.36	22	.06	2	1.31	.05	.10	1	390
1787	14	235	31	81	2.5	205	28	817	3.47	250	5	ND	1	108	.6	2	2	95	4.63	.211	5	90	.44	14	.05	2	1.20	.03	.05	1	440
1788	1	191	4	38	.3	35	14	316	3.37	22	5	ND	1	90	.8	2	3	98	1.61	.161	2	30	1.24	141	.15	2	1.91	.19	.48	1	13
1789	3	76	6	42	.2	33	7	724	2.40	55	5	ND	1	103	.5	2	2	78	4.43	.100	3	29	1.21	21	.12	3	1.44	.08	.10	2	3
1790	3	78	5	32	.2	61	8	348	2.11	39	5	ND	1	39	.2	2	2	90	1.90	.104	2	39	1.16	14	.08	2	1.23	.06	.13	1	6
1791	2	199	18	42	.7	40	11	443	2.94	14	5	ND	1	65	.3	2	2	62	2.31	.096	5	33	1.00	16	.07	2	1.39	.07	.10	1	1
~~RE 1796~~	~~16~~	~~182~~	~~3~~	~~24~~	~~.2~~	~~18~~	~~12~~	~~450~~	~~2.61~~	~~10~~	~~5~~	~~ND~~	~~1~~	~~77~~	~~.3~~	~~2~~	~~2~~	~~76~~	~~2.29~~	~~.082~~	~~3~~	~~20~~	~~.78~~	~~37~~	~~.09~~	~~2~~	~~1.11~~	~~.11~~	~~.30~~	~~2~~	~~1~~
1792	2	125	7	35	.1	14	7	396	2.62	7	5	ND	1	159	.6	2	2	80	3.47	.130	5	25	1.01	36	.09	3	2.50	.27	.23	1	3
1793	1	126	2	31	.2	12	6	374	2.27	2	5	ND	1	84	.3	2	2	60	1.67	.093	3	19	1.17	17	.07	2	1.80	.17	.18	1	6
1794	2	180	5	37	.2	31	16	691	3.54	2	5	ND	1	114	.8	2	2	105	4.65	.133	4	66	1.38	54	.13	2	2.61	.27	.65	1	6
1795	2	22	2	39	.1	47	12	1286	2.27	205	5	ND	1	185	.5	2	2	56	14.47	.045	2	126	1.76	50	.08	2	1.93	.05	.55	1	9
1796	16	177	2	21	.1	18	12	462	2.56	18	5	ND	1	78	.2	2	2	75	2.47	.082	2	22	.79	36	.08	2	1.10	.11	.30	2	5
1797	240	191	4	33	.1	98	15	478	3.05	38	7	ND	1	83	.2	2	2	482	1.52	.115	4	36	1.08	60	.13	2	1.55	.15	.58	2	8
1798	23	164	4	58	.9	19	10	540	3.13	21	5	ND	1	95	.4	2	2	75	1.79	.079	3	20	.99	34	.09	2	1.58	.14	.31	1	1
1799	3	151	5	32	.5	10	7	362	2.75	13	5	ND	1	125	.3	3	2	58	1.77	.067	2	11	.90	35	.07	3	1.63	.16	.28	1	2
1800	1	196	2	26	.2	8	8	367	3.09	8	5	ND	1	105	.2	2	2	54	2.42	.061	2	10	.73	27	.07	2	1.43	.15	.17	2	2
1801	1	205	2	23	.1	7	8	301	2.99	5	5	ND	1	143	.2	2	2	56	1.52	.061	2	11	.74	34	.07	3	1.68	.22	.28	2	8
1802	4	236	4	32	.4	9	9	305	3.09	29	6	ND	1	88	.5	2	2	59	1.15	.067	2	16	.93	29	.07	3	1.58	.15	.24	2	3
1803	3	270	3	31	.9	8	8	367	2.35	5	5	ND	1	99	.3	2	2	48	3.62	.084	4	11	.56	16	.08	5	.84	.06	.08	2	1
1804	4	323	4	28	1.3	11	12	327	3.11	63	5	ND	1	49	.4	2	3	59	1.60	.086	2	15	.64	14	.07	4	.92	.07	.08	1	1
1805	5	115	4	22	6.6	10	6	287	1.66	46	6	ND	1	31	.6	2	2	39	1.18	.069	3	18	.48	13	.05	2	.72	.06	.06	1	5
1806	3	54	2	28	.5	8	4	330	1.61	23	6	ND	1	41	.2	2	2	47	1.01	.081	2	12	.84	23	.06	4	1.10	.07	.10	2	1
1807	31	171	3	29	.5	11	8	396	2.25	32	5	ND	1	99	.4	2	2	60	2.86	.086	2	14	.86	44	.09	3	1.67	.19	.35	2	4
1808	16	222	4	53	1.1	9	12	426	2.80	50	5	ND	1	55	.5	2	2	49	2.31	.072	2	17	.68	11	.06	3	.87	.06	.05	1	2
1809	15	168	2	41	.6	9	8	458	2.94	6	5	ND	1	62	.2	2	2	63	1.82	.074	3	14	1.10	34	.08	3	1.35	.07	.16	1	5
1810	19	229	2	39	.9	9	9	459	2.42	5	5	ND	1	64	.3	2	2	58	2.56	.072	3	14	.85	36	.08	2	1.01	.07	.13	3	2
1811	5	123	2	56	2.0	50	10	669	3.74	920	5	ND	1	215	.7	17	5	93	4.74	.104	3	84	2.33	10	.11	2	2.53	.02	.09	1	16
1812	9	46	152	109	.8	26	8	702	2.81	1031	5	ND	1	106	.8	6	2	56	2.86	.075	4	42	1.80	6	.05	2	1.92	.03	.08	1	4
1813	334	197	57	92	.9	52	23	789	4.32	1416	5	ND	1	106	.9	2	4	81	2.65	.098	3	38	2.40	10	.04	2	2.52	.03	.08	1	21
1814	11	170	3	38	.3	19	10	280	2.78	46	5	ND	1	43	.6	2	2	56	.81	.074	2	21	1.27	52	.05	2	1.47	.06	.29	2	1
1815	19	203	4	33	.3	15	11	195	2.35	36	6	ND	1	31	.2	2	2	48	.63	.076	3	19	.96	12	.01	2	1.07	.05	.07	1	2
STANDARD C/AU-R	19	64	40	132	7.4	72	32	1043	3.97	42	18	8	41	53	18.5	19	21	62	.49	.094	40	61	.89	177	.09	33	1.90	.07	.13	11	480

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 29 1991 DATE REPORT MAILED: Oct 1/91. SIGNED BY.......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

KRL Resources Corp. FILE # 91-4792

ACME ANALYTICAL

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
1816	7	129	2	33	.4	9	7	221	2.48	16	5	ND	2	35	.2	2	2	50	.61	.069	4	19	1.06	20	.02	7	1.21	.06	.11	1	11
~~RE 1820~~	~~11~~	~~313~~	~~85~~	~~275~~	~~1.5~~	~~20~~	~~15~~	~~709~~	~~5.05~~	~~7~~	~~5~~	~~ND~~	~~1~~	~~70~~	~~2.8~~	~~2~~	~~2~~	~~90~~	~~3.78~~	~~.103~~	~~4~~	~~42~~	~~1.24~~	~~32~~	~~.10~~	~~8~~	~~1.43~~	~~.07~~	~~.18~~	~~1~~	~~6~~
1817	21	260	2	48	.5	12	10	345	3.89	35	5	ND	1	58	.3	2	2	89	1.29	.103	6	26	1.49	49	.07	4	1.69	.05	.30	1	14
1818	16	460	2	35	.8	11	11	309	3.68	37	5	ND	1	69	.2	2	2	46	1.77	.057	5	18	.90	23	.02	6	1.12	.07	.13	1	13
1819	4	353	546	1698	3.4	23	11	809	4.62	50	5	ND	1	70	17.8	2	4	92	2.43	.083	4	43	1.81	62	.10	4	2.03	.07	.33	7	3
1820	10	290	86	262	1.4	20	15	663	4.70	8	5	ND	1	66	2.6	2	2	84	3.57	.097	4	39	1.15	32	.10	6	1.34	.08	.17	1	5
1821	27	196	4	41	.6	24	32	381	5.43	16625	5	ND	1	54	.2	6	2	118	1.50	.116	3	30	1.27	38	.09	7	1.52	.09	.33	1	151
1822	7	138	4	37	.4	13	6	309	2.66	233	5	ND	1	37	.2	2	3	64	1.07	.066	4	22	.96	15	.07	6	1.17	.08	.07	1	10
1823 -	3	82	5	34	.3	8	5	325	2.17	234	5	ND	1	48	.3	2	2	46	1.80	.059	4	20	.80	32	.06	3	1.06	.09	.10	1	7
1824	3	39	5	31	.2	5	3	329	1.88	114	5	ND	1	43	.2	2	2	49	1.40	.062	5	21	.85	38	.06	7	1.11	.07	.11	1	9
1825	7	208	4	37	.7	26	10	414	3.49	53	5	ND	1	69	.2	2	2	70	2.74	.060	5	27	.94	24	.10	4	1.14	.07	.08	1	14
1826	17	418	4	88	2.1	61	18	552	5.21	6	5	ND	1	68	.4	2	2	147	2.19	.098	5	55	1.44	20	.20	7	1.41	.06	.06	1	13
1827	23	348	60	494	2.7	67	19	849	5.02	478	5	ND	1	128	5.0	4	2	120	4.78	.066	3	107	1.74	15	.14	8	1.66	.03	.07	1	27
1828	8	267	8	168	1.5	61	15	727	4.71	14	5	ND	1	73	1.3	3	2	116	3.10	.077	4	76	1.66	11	.13	3	1.62	.06	.05	1	20
1829	9	178	4	86	.5	14	8	622	3.43	3	5	ND	1	53	.5	2	2	70	1.95	.101	4	24	1.32	26	.07	8	1.53	.06	.12	1	20
STANDARD C/AU-R	19	58	43	133	7.1	71	32	1052	4.02	41	16	6	38	52	18.9	16	19	57	.48	.092	39	59	.89	179	.09	37	1.90	.06	.15	11	510

<u>Samples beginning 'RE' are duplicate samples.</u>

ACME ANA[illegible]CAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6[illegible]253-1716

GEOCHEMICAL ANA[illegible]IS CERTIFICATE

KRL Resources Corp. File # 91-4793 Page 1
1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1830	8	404	4	53	1.4	8	8	837	3.05	148	5	ND	1	226	.2	2	2	45	8.23	.067	4	15	.97	15	.06	2	1.27	.02	.15	1	26
1831	9	181	18	81	1.3	30	10	986	3.65	26	5	ND	2	120	.3	4	2	69	3.24	.091	5	67	1.72	18	.08	3	1.93	.02	.13	1	18
1832	9	94	36	192	7.0	46	57	1354	5.56	8186	5	ND	1	313	.9	3	5	90	9.95	.084	4	117	2.01	8	.09	2	2.21	.02	.12	1	165
1833	3	29	5	56	.7	13	7	1042	2.89	767	5	ND	1	123	.2	2	2	62	4.36	.079	4	42	1.66	8	.05	5	1.73	.03	.09	1	31
1834	1	183	2	65	1.0	15	14	878	4.63	353	5	ND	1	98	.2	2	2	129	3.76	.168	4	25	1.94	22	.13	2	2.03	.06	.22	1	5
1835	1	304	5	76	1.5	21	22	998	6.83	51	5	ND	1	133	.2	2	2	183	5.54	.195	3	31	2.43	42	.22	2	2.62	.07	.36	1	15
1836	1	229	49	154	2.8	33	45	1095	7.07	19218	5	ND	1	98	.8	4	2	144	3.44	.182	3	34	2.18	17	.08	2	2.34	.03	.15	1	180
1837	16	129	8	106	1.9	52	28	1041	3.92	6485	5	ND	1	112	.5	4	2	87	4.50	.077	5	76	1.49	6	.08	2	1.62	.02	.09	1	62
1838	5	25	2	79	.8	16	8	675	2.52	887	5	ND	3	53	.3	2	2	52	1.76	.050	4	23	1.39	15	.06	3	1.63	.05	.13	1	42
1839	5	75	2	46	.4	13	6	482	2.20	332	5	ND	3	40	.2	2	2	59	1.64	.052	5	23	1.06	11	.07	2	1.22	.05	.10	1	11
1840	7	142	5	59	.5	69	15	874	3.98	106	5	ND	1	144	.2	3	2	120	6.91	.091	4	241	2.39	102	.22	2	2.29	.13	1.00	1	5
1841	1	126	2	29	.4	9	9	408	2.42	14	5	ND	3	65	.2	2	2	48	3.08	.042	5	24	.78	20	.07	3	.97	.05	.14	1	5
1842	1	146	2	30	.7	5	9	365	2.32	4	5	ND	3	42	.2	2	2	51	1.47	.043	5	14	.73	19	.07	6	.98	.06	.11	1	2
1843	2	62	2	40	.3	9	6	394	2.49	9	5	ND	3	86	.2	2	2	62	1.31	.051	5	19	1.30	50	.08	2	1.85	.12	.35	1	6
1844	8	191	2	60	.8	40	12	1143	3.43	5	5	ND	1	89	.2	2	2	66	6.33	.071	5	37	1.04	54	.10	2	1.36	.10	.53	1	12
1845	12	333	6	113	1.8	50	22	1037	4.86	6	5	ND	1	104	.2	2	2	111	3.56	.093	5	39	1.19	106	.15	2	2.43	.28	.99	1	19
1846	10	227	2	112	.7	59	12	929	2.74	3	5	ND	1	50	1.0	2	2	60	3.11	.076	8	52	.65	51	.11	2	.74	.05	.22	1	3
1847	28	268	4	46	.5	64	12	757	2.87	3	5	ND	1	58	.2	2	2	67	2.73	.067	7	38	.81	50	.14	2	.90	.07	.30	1	4
1848	8	249	2	46	.5	36	12	559	2.85	4	5	ND	2	65	.2	2	2	107	2.17	.092	6	39	1.16	28	.15	2	1.20	.07	.14	1	4
1849	10	397	2	27	.8	52	16	687	3.51	2	5	ND	1	57	.2	2	2	41	3.02	.092	7	34	.68	25	.10	2	.76	.07	.16	1	3
1850	13	69	2	48	.2	42	3	736	1.42	3	5	ND	2	61	.2	2	2	43	3.36	.093	10	37	.66	37	.11	3	.70	.06	.16	1	4
1851	14	322	3	39	1.0	71	13	568	3.50	3	5	ND	1	42	.2	2	2	68	2.24	.079	8	47	.76	22	.13	3	.74	.04	.05	1	6
1852	11	190	4	74	.8	61	8	499	2.16	5	5	ND	2	34	.6	2	2	81	1.97	.080	10	64	.86	30	.15	2	.77	.03	.05	1	5
1853	9	220	2	51	.6	67	11	566	2.79	2	5	ND	2	40	.3	2	2	82	2.15	.065	8	56	.84	41	.14	2	.81	.04	.13	1	3
1854	13	208	2	27	.5	56	9	455	2.47	3	5	ND	2	46	.2	2	2	64	2.22	.085	8	49	.59	15	.13	3	.67	.06	.08	1	4
1855	18	138	2	48	.1	48	9	657	3.54	24	5	ND	2	87	.2	2	2	124	2.90	.087	5	57	1.34	59	.14	2	1.49	.11	.68	1	10
1856	6	171	2	30	.2	38	9	464	3.02	15	5	ND	1	65	.2	2	2	53	2.32	.068	5	29	.89	25	.08	2	1.20	.08	.21	1	4
1857	7	327	2	37	.6	75	14	753	4.01	11	5	ND	1	99	.2	2	2	81	3.41	.074	6	49	1.02	58	.14	2	1.55	.13	.50	1	12
1858	6	414	2	444	1.2	87	22	937	5.39	11	5	ND	1	115	3.1	2	2	77	4.25	.094	8	48	.84	18	.09	3	.93	.03	.09	3	9
1859	6	205	3	36	.7	89	14	671	3.31	49	5	ND	1	61	.2	2	2	95	2.32	.059	6	49	1.25	16	.13	2	1.19	.05	.07	1	8
1860	6	228	2	21	.5	84	16	547	3.47	22	5	ND	1	74	.2	2	2	82	2.25	.051	6	49	.81	59	.13	2	.99	.09	.31	1	6
1861	2	212	2	29	.3	68	13	227	3.67	61	5	ND	1	62	.2	2	2	79	1.08	.051	2	39	1.01	31	.15	2	1.91	.21	.62	1	41
1862	2	218	2	35	.2	49	15	350	3.63	368	5	ND	1	66	.2	2	3	107	1.69	.137	3	79	1.42	29	.21	2	1.95	.17	.27	1	188
1863	3	84	2	36	.3	57	13	267	2.92	230	5	ND	1	34	.2	2	2	89	.79	.063	3	53	1.16	20	.14	5	1.37	.11	.33	1	56
1864	3	110	2	35	.5	84	18	556	4.46	37	5	ND	1	30	.2	2	2	95	.45	.053	4	43	1.76	122	.21	4	2.01	.10	1.52	1	26
~~RE 1860~~	~~6~~	~~224~~	~~2~~	~~21~~	~~.5~~	~~83~~	~~16~~	~~544~~	~~3.46~~	~~22~~	~~5~~	~~ND~~	~~1~~	~~74~~	~~.2~~	~~2~~	~~2~~	81	2.21	.050	6	48	.80	~~59~~	~~.14~~	~~2~~	1.00	.09	.30	~~1~~	~~9~~
1865	2	166	2	28	.3	57	13	318	2.83	92	5	ND	1	24	.2	2	2	78	.93	.081	4	49	.74	45	.14	2	.91	.07	.34	1	19
STANDARD C/AU-R	19	60	40	131	7.1	69	32	1034	3.92	42	18	8	40	52	18.9	15	18	59	.48	.090	40	58	.88	176	.09	33	1.87	.06	.15	11	460

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 29 1991 DATE REPORT MAILED: Oct 2/91. SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-4863 Page 1
1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1880	2	304	22	58	1.3	7	12	379	4.45	2	5	ND	5	57	.6	2	2	87	1.72	.173	15	7	1.14	55	.20	2	1.61	.09	.16	1	17
1881	2	111	2	60	.5	47	16	1094	3.55	13	5	ND	1	196	.5	2	2	103	4.84	.075	2	103	1.40	30	.12	2	2.64	.22	.24	1	7
1882	3	94	5	3181	.7	44	12	1134	3.44	4	5	ND	1	117	20.4	2	3	106	3.41	.066	2	38	1.34	43	.14	2	3.89	.41	.69	1	7
1883	3	97	2	75	.6	50	13	1062	3.56	2	5	ND	1	121	.5	2	2	105	3.54	.079	2	38	1.28	60	.14	2	3.85	.49	.88	1	4
1884	1	122	4	35	.5	47	18	889	3.64	33	8	ND	1	155	.7	2	2	111	5.02	.103	2	65	1.24	30	.13	2	3.15	.34	.46	1	9
1885	1	585	4	30	1.2	36	31	428	7.20	7	5	ND	1	120	.8	2	2	61	4.26	.093	2	23	.72	67	.13	2	3.36	.44	.41	1	11
1886	2	200	3	34	.4	38	14	303	3.52	3	5	ND	1	46	.4	2	4	64	1.05	.080	2	24	.96	45	.14	2	1.53	.17	.44	1	5
1887	3	619	10	27	1.6	48	35	740	8.87	3	5	ND	2	100	.7	2	2	32	6.42	.091	2	18	.42	15	.06	2	.95	.06	.05	1	13
1888	4	205	3	26	.6	42	19	523	5.11	8	5	ND	1	58	.4	2	3	54	3.47	.073	2	28	.58	16	.08	2	1.19	.12	.11	1	5
1889	3	125	7	34	.9	90	14	575	3.09	244	5	ND	1	60	.3	2	5	61	3.33	.055	2	42	.60	19	.08	2	1.07	.11	.11	2	9
1890	3	112	2	25	.3	59	14	302	3.26	6	5	ND	1	35	.2	2	5	80	1.62	.075	2	35	1.04	28	.11	2	1.35	.13	.43	1	4
1891	6	173	2	32	.3	99	19	240	3.75	41	5	ND	1	25	.5	2	2	123	.79	.081	2	53	1.61	25	.16	2	1.58	.10	.65	1	5
1892	4	109	4	52	.3	33	11	403	3.75	12	5	ND	1	67	.5	2	2	77	1.67	.148	8	19	1.02	50	.17	2	1.78	.17	.25	2	6
1893	2	217	6	43	.5	5	11	416	4.44	2	5	ND	3	70	.2	2	2	74	1.39	.194	10	6	1.05	50	.19	2	1.75	.14	.13	1	4
RE 1898	2	344	7	36	.9	4	13	241	4.01	2	5	ND	3	107	.7	2	3	71	2.13	.151	6	3	.72	35	.16	2	2.20	.26	.36	1	7
1894	2	303	6	43	.7	3	13	453	5.13	2	5	ND	2	126	.7	2	4	93	1.89	.195	8	3	1.10	102	.20	2	2.63	.24	.42	1	4
1895	2	444	5	46	1.1	7	17	433	5.86	4	5	ND	1	92	.7	2	2	84	1.83	.153	6	6	1.09	66	.17	2	2.31	.18	.20	1	6
1896	2	374	5	35	.9	5	14	295	4.12	2	5	ND	1	104	.5	2	3	64	2.35	.148	5	4	.55	42	.18	2	2.09	.23	.12	1	7
1897	2	403	7	38	.9	4	17	274	5.18	3	5	ND	2	76	.6	2	2	64	1.65	.145	4	5	.73	33	.15	2	1.71	.18	.17	1	3
1898	2	347	8	37	.8	4	13	242	4.07	2	5	ND	2	109	.4	2	2	71	2.15	.153	5	4	.72	34	.16	2	2.22	.27	.39	2	7
1899	3	378	12	39	1.4	34	16	176	3.69	11	5	ND	1	105	.8	2	2	28	2.55	.130	3	14	.14	22	.10	2	1.76	.23	.12	1	7
1900	2	284	6	48	1.3	55	16	186	3.36	17	5	ND	1	125	1.0	3	2	39	2.11	.105	2	32	.29	32	.13	2	1.78	.28	.17	2	23
1901	1	278	2	34	.5	65	28	285	4.84	50	5	ND	1	176	.6	2	3	72	2.29	.128	2	61	1.02	106	.15	2	2.86	.40	.59	1	16
1902	2	93	2	54	.4	39	14	583	3.18	11	5	ND	1	216	.9	2	2	65	4.66	.130	4	31	1.09	72	.12	2	3.66	.42	.77	1	9
1903	3	219	2	225	.4	32	12	624	3.43	12	5	ND	1	226	2.0	2	3	56	6.26	.164	5	12	.61	50	.10	2	3.88	.48	.43	1	33
1904	1	434	7	62	.6	34	21	345	5.03	10	5	ND	1	167	.8	2	2	73	3.02	.163	2	28	.76	43	.12	2	3.14	.40	.41	1	11
1905	1	251	3	41	.4	27	17	303	3.95	2	5	ND	1	190	.7	2	3	77	2.27	.153	2	36	.93	79	.14	2	3.23	.45	.59	1	5
1906	1	242	2	36	.5	22	14	334	3.18	6	5	ND	1	112	.3	2	2	62	2.51	.164	2	17	.76	36	.11	2	2.30	.23	.24	1	7
1907	2	219	8	41	.6	24	18	316	3.75	23	5	ND	1	210	1.0	2	2	63	2.61	.158	3	21	.71	72	.13	2	2.63	.32	.38	1	9
1908	1	200	6	34	.3	21	19	242	3.98	2	5	ND	1	247	.6	2	2	66	2.55	.164	2	22	.73	86	.13	2	3.24	.40	.46	1	8
1909	1	282	5	46	.5	21	17	273	4.03	2	5	ND	1	222	1.1	2	2	77	2.11	.168	2	21	.90	99	.14	2	3.00	.35	.71	1	7
1910	1	323	5	37	.9	21	17	240	3.90	5	5	ND	1	202	.7	3	2	70	2.21	.180	3	16	.70	48	.13	2	2.73	.37	.25	2	13
1911	1	265	9	38	.6	30	15	314	3.69	8	5	ND	1	237	.7	2	2	69	2.83	.159	3	23	.81	58	.13	2	3.10	.40	.37	1	3
1912	1	221	7	37	.3	18	12	243	2.79	2	5	ND	1	222	.8	2	2	49	2.32	.165	2	16	.45	57	.12	2	2.63	.34	.21	1	11
1913	1	274	6	33	.5	18	11	259	2.76	2	5	ND	1	186	.5	2	4	52	2.37	.166	2	15	.52	53	.12	2	2.44	.33	.21	1	10
1914	1	259	8	35	.4	25	10	296	2.59	5	5	ND	1	154	.6	2	3	53	2.42	.173	2	29	.57	41	.12	2	2.34	.32	.13	1	6
1915	2	228	5	35	.3	38	14	398	3.38	8	5	ND	1	151	.4	2	2	63	2.52	.182	2	55	.94	32	.13	2	2.64	.27	.10	1	7
STANDARD C/AU-R	19	63	44	132	7.1	75	33	1045	3.98	39	24	6	40	53	17.2	16	18	60	.48	.091	39	55	.88	177	.09	33	1.90	.06	.16	11	464

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 2 1991 DATE REPORT MAILED: Oct 4, 91 SIGNED BY. ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1916	1	192	7	44	.5	34	9	421	2.40	21	7	ND	3	200	.5	2	2	58	3.15	.166	3	74	.98	61	.12	3	3.26	.45	.18	1	10
1917	2	233	2	46	.3	33	14	467	3.57	5	5	ND	2	293	.7	2	2	98	3.51	.170	5	70	1.25	151	.19	2	4.86	.60	.83	1	28
1918	1	139	2	49	.4	14	9	446	3.21	2	5	ND	1	275	.6	2	2	56	2.35	.099	4	40	.90	185	.12	2	4.44	.61	.89	1	11
1919	2	280	7	31	.8	27	12	307	2.98	31	6	ND	1	139	.4	2	2	54	2.60	.154	2	32	.55	66	.11	2	2.35	.31	.18	1	26
1920	1	306	13	37	.7	27	11	298	2.78	29	7	ND	1	187	.7	2	2	45	2.84	.155	2	43	.51	104	.11	2	3.07	.47	.29	1	14
1921	1	322	8	37	.4	27	51	319	3.87	2138	5	ND	1	215	.6	2	6	84	2.79	.161	2	41	.96	139	.13	2	3.91	.59	.43	1	115
1922	1	263	4	45	.4	20	12	428	3.41	10	6	ND	1	213	.8	2	2	85	3.20	.162	2	36	1.02	114	.13	2	4.20	.54	.66	1	13
1923	7	365	5	51	.9	48	18	614	3.76	69	6	ND	2	167	.3	2	3	57	3.84	.159	3	36	.90	64	.09	2	2.44	.29	.16	4	19
1924	2	28	4	29	.1	10	7	263	2.01	2	5	ND	1	65	.2	2	2	34	1.23	.062	4	28	.81	97	.15	2	1.42	.23	.30	5	6
1925	5	270	113	171	.8	60	26	645	5.29	15	5	ND	1	129	1.9	2	3	167	3.55	.084	3	114	1.30	111	.16	2	3.47	.36	.62	1	6
1926	3	44	15	52	.1	14	11	288	2.64	2	5	ND	1	62	.3	2	2	44	1.00	.069	5	42	.89	85	.16	2	1.44	.18	.25	2	3
1927	5	97	35	60	1.4	21	5	660	1.93	15	5	ND	1	54	.2	2	2	24	3.59	.097	2	25	1.12	29	.08	2	.83	.05	.09	1	35
1928	5	144	18	50	.4	50	14	306	2.32	6	5	ND	1	78	.2	2	2	63	1.76	.113	2	37	.58	55	.16	2	1.23	.23	.15	3	16
1929	6	952	7	48	2.3	47	32	292	6.98	14	5	ND	1	127	.5	2	3	63	2.35	.105	2	42	.42	146	.15	2	2.25	.33	.32	1	64
1930	18	285	7	25	.6	80	11	349	3.26	21	7	ND	1	90	.3	2	2	44	2.99	.111	2	37	.48	45	.07	2	1.44	.13	.20	2	84
1931	6	157	2	223	1.0	83	10	560	2.60	30	5	ND	1	68	3.5	2	2	87	2.92	.064	2	60	.97	61	.09	2	1.39	.13	.38	2	20
1932	3	122	2	27	.1	19	5	411	2.01	3	9	ND	1	132	.2	2	2	53	3.12	.050	3	25	.96	59	.08	2	2.68	.29	.55	1	7
1933	1	101	2	17	.1	7	4	263	1.64	2	5	ND	1	82	.2	2	2	42	1.59	.050	2	17	.55	44	.07	2	1.54	.21	.35	1	18
1934	1	99	6	28	.1	11	4	718	2.24	2	5	ND	2	90	.2	2	2	60	3.87	.050	3	14	1.11	9	.10	2	1.85	.07	.10	2	11
1935	6	116	2	114	.1	50	11	535	2.52	315	5	ND	1	48	1.0	2	2	77	2.69	.091	2	60	.79	27	.11	2	1.26	.18	.28	2	97
1936	3	204	4	24	.6	65	11	196	2.34	24	5	ND	1	34	.5	2	5	50	1.13	.055	2	32	.48	10	.12	2	.75	.11	.13	2	144
1937	2	157	5	40	.6	49	9	286	2.05	21	5	ND	1	43	.8	2	2	51	1.47	.055	2	30	.72	9	.08	2	.85	.08	.15	1	85
1938	2	169	7	28	.5	101	12	375	2.55	36	5	ND	1	46	.7	2	2	78	1.53	.054	3	45	1.07	27	.11	2	1.35	.16	.33	3	36
1939	3	27	5	62	.1	21	10	594	3.14	9	5	ND	1	104	.6	2	2	61	2.39	.077	8	33	1.27	71	.05	2	1.86	.13	.24	1	10
1940	2	12	5	66	.1	11	10	778	3.29	2	5	ND	1	104	.6	2	2	56	2.96	.082	8	30	1.32	62	.09	2	2.00	.10	.33	1	5
RE 1936	3	204	6	22	.5	65	11	194	2.32	26	5	ND	1	35	.2	2	3	50	1.12	.055	2	33	.47	10	.12	2	.75	.11	.12	2	129
1941	3	161	8	42	.5	112	15	348	2.61	49	5	ND	1	39	.6	2	2	90	.89	.054	2	46	1.18	47	.11	2	1.52	.13	.52	1	13
1942	3	170	3	22	.4	74	12	355	2.17	86	5	ND	1	43	.3	2	2	63	1.70	.045	2	39	.76	22	.08	2	.95	.09	.28	2	86
1943	4	81	2	15	.1	80	11	290	2.14	46	5	ND	1	42	.4	2	2	76	.92	.048	2	45	.94	35	.11	2	1.64	.16	.56	1	6
1944	3	152	2	19	.1	109	14	312	2.61	59	5	ND	1	48	.7	2	2	85	.96	.055	2	50	1.05	70	.11	2	1.93	.18	.62	1	9
1945	7	191	2	9	.7	155	14	231	2.74	23	5	ND	2	24	.2	2	2	116	.63	.057	2	71	.99	36	.08	2	1.17	.07	.19	1	8
1946	5	173	2	10	.4	104	12	266	2.47	26	5	ND	1	35	.5	2	2	91	.93	.052	2	55	.76	49	.10	2	1.10	.11	.22	2	6
1947	2	155	2	30	.1	27	9	455	3.61	2	5	ND	1	67	.4	2	2	85	1.33	.092	2	31	1.18	101	.12	2	2.08	.27	.66	1	10
1948	1	229	2	46	.4	21	11	446	4.24	21	5	ND	1	76	.7	2	2	109	1.24	.143	2	30	1.44	89	.15	2	2.42	.27	.62	1	12
1949	1	229	2	48	.1	21	9	405	4.19	16	5	ND	1	84	.9	2	2	112	1.38	.150	2	71	1.49	73	.14	2	2.64	.28	.63	1	19
STANDARD C/AU-R	19	64	43	132	7.5	76	33	1042	3.96	44	22	8	41	53	17.6	16	21	60	.48	.090	40	57	.88	177	.09	31	1.93	.06	.15	11	462

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-4912 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: JOHN J. WATKINS

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
1950	1	373	4	28	.5	16	16	225	3.55	12	5	ND	1	81	.2	2	2	50	1.63	.145	3	23	.60	24	.08	2	1.50	.18	.11	2	21
1951	2	216	4	38	.4	30	12	355	3.35	40	5	ND	1	138	.6	2	2	83	2.23	.147	3	45	1.12	78	.11	2	2.92	.38	.49	2	24
1952	41	338	3	25	.6	70	16	835	3.03	138	5	ND	2	110	.7	2	2	223	7.62	.127	5	89	1.05	19	.15	2	2.18	.09	.19	2	31
1953	4	78	13	57	.8	10	9	1216	2.75	11	5	ND	1	276	1.1	2	2	49	5.52	.083	5	30	1.36	113	.09	2	2.03	.10	.19	1	8
1954	1	129	2	44	.5	8	7	295	2.84	2	5	ND	2	131	.7	2	7	33	1.79	.083	5	19	.78	82	.08	2	1.51	.18	.22	1	152
1955	1	247	2	42	.8	6	14	307	4.60	19	5	ND	3	72	1.2	2	4	101	1.35	.079	5	15	1.23	126	.22	2	1.86	.19	.34	1	144
1956	1	214	3	51	.5	31	17	349	4.10	6	5	ND	1	107	1.5	2	3	109	2.59	.113	3	54	1.59	153	.20	2	2.94	.20	.76	1	62
1957	1	165	2	61	.8	34	19	356	4.82	3	5	ND	1	178	1.7	2	2	73	4.07	.145	5	32	.84	103	.13	2	3.36	.30	.34	1	19
1958	1	233	2	16	.6	94	25	195	4.39	8	5	ND	1	316	1.0	2	3	19	4.33	.102	2	39	.33	18	.07	2	3.53	.13	.05	1	26
1959	1	361	3	22	.7	93	28	260	4.47	52	5	ND	1	247	.8	2	2	42	4.03	.099	2	67	.66	68	.11	2	3.07	.19	.26	2	60
1960	1	425	2	48	1.2	35	16	425	4.94	3	5	ND	1	86	1.8	2	5	99	2.52	.160	5	101	1.78	57	.12	2	2.31	.18	.43	1	85
1961	3	492	6	36	1.2	58	17	253	3.99	15	5	ND	1	64	1.0	2	7	73	1.85	.097	3	63	1.01	52	.15	2	1.39	.14	.35	1	310
1962	2	308	3	48	.7	73	14	366	4.16	54	5	ND	2	83	1.7	2	5	128	1.47	.090	3	95	2.06	148	.19	2	2.81	.22	1.22	1	67
1963	3	189	20	21	2.4	30	12	189	2.24	174	5	13	1	47	.7	5	807	40	1.19	.091	4	51	.61	39	.09	2	.87	.10	.20	1	17700
1964	3	216	8	83	.6	28	9	189	2.44	25	5	ND	2	55	1.7	2	22	41	1.39	.088	5	18	.62	63	.10	2	1.14	.14	.33	1	470
1965	2	251	2	37	.6	29	14	237	3.57	20	5	ND	2	118	.7	2	6	77	1.76	.117	6	35	.96	135	.15	2	2.12	.19	.49	1	280
1966	1	334	2	195	.7	41	17	254	4.15	17	5	ND	1	147	3.1	2	5	95	2.26	.131	5	47	1.16	166	.19	2	3.27	.33	.81	1	154
1967	1	933	2	34	1.2	60	39	195	8.33	18	5	ND	1	208	2.9	2	10	52	2.78	.104	3	38	.61	103	.12	2	2.81	.16	.40	1	340
1968	1	256	2	54	.5	49	28	389	5.73	24	5	ND	1	139	2.6	2	2	149	2.36	.144	3	86	2.07	157	.26	2	4.44	.27	1.55	1	27
1969	3	109	4	32	.3	65	8	220	2.08	14	5	ND	1	81	.8	2	2	55	1.88	.087	6	53	.76	70	.16	2	1.66	.20	.25	1	16
RE 1965	1	261	2	37	.5	30	14	243	3.54	18	5	ND	2	121	1.2	2	6	77	1.71	.119	5	34	.97	137	.15	2	2.11	.22	.66	1	250
1970	1	140	8	41	.4	89	10	246	2.68	56	5	ND	2	24	1.1	2	2	90	.64	.038	2	66	1.31	56	.15	2	1.21	.07	.19	2	15
1971	2	193	5	38	.4	59	11	293	2.77	32	5	ND	2	74	1.1	2	5	56	2.27	.078	6	37	.83	66	.15	2	1.46	.14	.22	1	67
1972	1	188	3	36	.4	30	16	244	4.07	5	5	ND	2	96	1.3	2	2	61	1.59	.148	6	25	.73	68	.13	2	1.68	.18	.23	1	9
1973	2	159	4	56	.5	38	12	244	3.05	10	5	ND	2	110	1.2	2	2	48	2.13	.093	5	36	.61	85	.11	2	1.84	.21	.27	1	7
1974	4	133	3	40	.4	109	13	274	3.20	11	5	ND	2	63	.9	2	3	75	.98	.050	4	51	1.29	96	.16	2	1.80	.14	.52	1	6
1975	5	202	11	115	.8	75	11	310	2.36	76	5	ND	1	159	2.4	2	62	28	3.50	.076	6	29	.34	45	.09	2	1.62	.15	.11	1	1740
1976	5	144	3	48	.3	80	13	262	2.70	11	5	ND	1	116	1.1	2	3	67	2.13	.071	4	58	.78	86	.14	2	1.91	.15	.34	2	26
1977	3	147	5	39	.4	67	10	252	2.54	29	5	ND	1	33	.6	2	2	66	1.21	.059	4	55	.90	49	.14	2	.97	.07	.19	1	17
1978	3	140	5	61	.5	73	11	258	3.11	10	5	ND	2	77	1.0	2	2	57	1.76	.077	6	43	.72	73	.13	2	1.34	.13	.21	1	10
1979	3	176	12	61	.8	79	17	258	2.63	200	5	ND	1	77	1.2	2	64	36	2.83	.076	5	32	.39	19	.11	2	.81	.08	.06	1	1480
1980	2	155	4	36	.4	35	10	287	2.87	19	5	ND	1	114	.6	2	3	44	1.97	.086	5	39	.85	66	.10	2	2.08	.17	.30	1	22
1981	3	152	2	270	.6	40	17	408	4.66	7	5	ND	2	132	3.4	2	2	114	2.35	.172	6	52	1.34	173	.19	2	2.74	.23	.79	1	6
1982	20	249	2	70	.8	62	14	576	3.62	90	5	ND	1	236	1.6	2	9	63	5.91	.131	5	26	1.08	117	.14	2	2.18	.13	.56	7	149
1983	10	92	6	80	.4	56	12	481	2.21	32	5	ND	1	243	1.5	2	2	44	6.05	.103	5	30	.52	77	.10	2	1.71	.14	.28	1	17
1984	4	221	5	49	.6	51	14	337	3.27	47	5	ND	1	186	.9	2	67	60	4.21	.107	4	37	.75	87	.13	2	1.74	.13	.23	1	1730
1985	4	180	4	37	.4	61	13	286	3.47	78	5	ND	1	68	.6	2	3	77	1.33	.084	3	41	1.23	74	.18	2	1.47	.12	.29	1	22
STANDARD C/AU-R	19	57	39	129	7.2	71	33	1033	3.88	40	21	7	38	52	18.8	15	19	55	.47	.088	38	59	.89	173	.09	33	1.89	.06	.15	13	490

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 4 1991 **DATE REPORT MAILED:** Oct 9/91. **SIGNED BY** .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
1986	7	222	6	52	.5	70	15	299	3.37	25	5	ND	1	91	.2	2	2	98	2.27	.079	3	48	.65	104	.13	3	1.58	.14	.23	1	14
1987	5	185	5	42	.6	63	16	309	2.99	96	5	ND	1	98	.3	2	3	53	2.70	.085	3	48	.67	79	.10	2	1.43	.13	.18	1	54
1988	8	301	8	103	1.2	78	26	357	4.32	979	5	ND	1	64	.9	2	7	145	2.01	.052	2	63	1.41	120	.15	3	1.59	.13	.33	2	101
1989	4	179	8	58	.4	39	9	375	2.39	68	5	ND	1	241	.7	2	2	35	3.86	.141	5	28	.47	50	.08	2	2.04	.20	.12	2	16
1990	7	228	6	30	.7	64	14	365	3.40	14	5	ND	1	64	.2	2	2	67	1.31	.066	4	35	.71	32	.13	3	1.15	.16	.08	2	12
1991	7	134	6	43	.4	40	8	417	2.48	167	5	ND	2	153	.8	2	3	55	2.43	.072	4	30	.66	73	.10	2	2.19	.26	.30	1	13
1992	2	74	4	31	.2	15	5	307	2.06	19	5	ND	3	91	.2	2	2	38	1.38	.041	3	9	.83	60	.07	3	2.29	.19	.36	2	4
1993	8	172	6	47	.6	50	13	401	3.16	13	5	ND	1	126	.5	2	2	83	1.73	.075	3	56	.81	75	.14	2	2.23	.21	.42	2	5
1994	10	216	5	42	.5	74	14	296	3.00	29	5	ND	1	116	.4	2	2	109	1.83	.066	4	47	.68	107	.16	3	2.24	.18	.57	2	12
1995	7	109	47	46	1.5	65	63	1546	3.38	16047	6	ND	1	209	1.0	28	4	44	11.86	.062	7	27	.70	32	.03	2	1.05	.04	.15	1	390
1996	6	261	10	284	.5	47	16	568	2.71	47	5	ND	1	320	4.9	2	3	42	7.83	.144	5	25	.30	70	.08	2	2.94	.13	.19	1	15
1997	7	80	2	52	.4	46	6	389	1.97	22	5	ND	1	140	.9	2	2	55	3.27	.108	5	44	.89	47	.12	3	1.63	.17	.19	2	7
1998	8	266	4	32	.4	57	15	271	4.02	16	5	ND	1	39	.5	2	3	131	.89	.064	3	49	1.30	98	.18	2	1.48	.20	.42	2	4
1999	5	336	2	45	.6	48	16	368	4.44	102	5	ND	1	76	1.3	2	2	139	1.30	.088	3	35	1.71	207	.21	2	2.44	.23	.97	2	11
2000	7	144	5	36	.4	57	9	295	2.31	63	5	ND	1	84	.8	2	2	62	1.98	.054	3	31	.71	52	.13	3	1.28	.13	.29	2	7
2001	6	128	5	51	.3	73	13	519	3.09	51	5	ND	1	151	.9	2	2	80	3.76	.083	4	49	.99	97	.15	2	2.44	.15	.59	2	6
2002	3	397	67	60	5.6	37	9	502	2.46	21	5	ND	1	137	1.5	4	73	36	4.32	.079	3	20	.45	35	.06	2	.95	.07	.12	2	1600
2003	4	234	34	49	1.9	87	10	443	3.06	16	5	ND	1	52	.6	2	8	79	1.82	.056	3	38	1.15	25	.10	2	1.15	.09	.13	9	70
2004	3	177	14	43	1.0	60	10	468	2.32	30	5	ND	1	60	1.1	2	5	61	2.25	.062	4	33	.88	40	.06	2	1.09	.11	.18	2	98
2005	3	272	40	149	2.2	46	13	670	3.75	9	5	ND	1	76	3.7	2	38	94	2.68	.073	5	44	1.78	74	.10	2	1.86	.14	.32	1	930
2006	6	295	101	76	8.4	74	12	473	2.99	20	5	ND	1	82	2.0	2	41	71	3.02	.084	5	48	1.04	51	.10	2	1.18	.12	.27	2	1370
2007	5	189	6	42	.3	96	11	304	2.40	28	5	ND	1	56	.7	2	3	86	1.64	.053	4	43	.90	43	.12	3	1.03	.16	.26	1	15
2008	6	228	3	36	.5	36	13	277	3.36	5	5	ND	1	84	.7	2	2	84	1.38	.072	3	31	1.13	116	.20	2	1.83	.18	.45	1	4
2009	2	323	2	45	.6	41	13	282	3.38	7	5	ND	1	137	1.4	2	6	74	1.88	.138	6	50	1.06	199	.18	2	2.09	.28	.34	2	570
2010	3	212	4	39	.5	35	10	257	3.00	42	5	ND	1	128	1.1	2	16	69	1.25	.066	3	26	.92	155	.18	2	1.59	.29	.28	2	710
2011	3	212	2	27	.4	41	11	239	3.23	8	5	ND	1	117	1.3	2	2	59	.90	.049	3	23	.86	120	.15	2	1.41	.24	.49	1	6
2012	2	191	9	31	.4	21	8	286	2.83	11	5	ND	2	105	1.0	2	2	55	1.08	.065	5	16	1.00	84	.14	2	1.63	.24	.18	2	5
2013	2	157	31	106	.4	4	7	438	3.23	9	5	ND	3	102	1.4	2	2	47	2.11	.096	10	16	.99	50	.17	2	1.82	.08	.13	1	8
2014	2	71	12	87	.4	4	8	285	3.64	4	5	ND	3	182	1.1	2	2	55	1.46	.095	7	6	1.01	208	.19	2	1.98	.24	.27	2	4
2015	2	82	4	31	.4	6	8	230	3.59	3	5	ND	3	205	.8	2	2	56	1.31	.094	8	6	.95	236	.22	3	2.06	.28	.44	1	5
2016	1	141	8	36	.8	5	4	297	2.26	3	5	ND	3	134	.6	2	4	46	1.74	.090	6	5	.84	125	.13	3	1.35	.15	.22	2	86
2017	2	125	5	30	.4	5	6	286	2.51	3	5	ND	3	175	.9	2	2	45	1.91	.091	8	13	.84	164	.16	3	1.66	.23	.27	1	6
2018	4	101	5	47	.2	55	9	336	1.99	46	5	ND	1	98	.6	2	2	67	2.38	.101	6	32	.91	89	.13	2	1.65	.14	.23	2	4
2019	5	42	8	46	.1	44	4	324	1.01	27	5	ND	1	105	.7	2	2	25	3.15	.073	6	18	.36	34	.07	2	.91	.08	.09	1	6
2020	1	142	22	38	.7	8	6	292	1.98	6	5	ND	2	76	.9	2	2	24	1.85	.051	5	8	.64	42	.04	3	.90	.12	.15	1	5
RE 2016	1	131	11	35	.9	4	5	305	2.28	2	5	ND	2	129	.3	2	3	46	1.89	.089	6	5	.84	116	.14	2	1.30	.13	.15	2	103
2021	3	225	2	77	1.7	20	6	925	2.15	10	5	ND	1	87	1.2	2	2	20	4.45	.037	3	13	.71	63	.02	4	1.36	.10	.32	2	8
STANDARD C/AU-R	18	62	37	134	7.6	69	30	1030	3.90	43	22	7	39	52	18.4	16	19	57	.47	.087	38	57	.87	175	.09	33	1.87	.07	.14	13	480

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

KRL Resources Corp. FILE # 91-4912

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
2022	4	68	3	35	.4	6	4	447	1.60	2	6	ND	3	56	.2	2	2	24	2.03	.048	3	11	.55	39	.02	3	1.18	.11	.17	2	5
2023	3	90	3	36	.8	7	4	329	1.77	2	7	ND	3	66	.2	3	2	36	1.46	.050	4	12	.67	41	.05	2	1.27	.13	.18	1	4
2024	2	103	2	61	.9	7	5	390	2.19	2	5	ND	2	63	.5	2	2	45	1.23	.052	4	14	.79	41	.06	3	1.46	.18	.19	1	5
2025	4	92	2	72	.8	11	6	489	1.92	2	5	ND	1	52	.5	2	2	34	1.84	.055	3	21	.72	44	.04	3	1.23	.14	.17	1	6
2026	10	215	9	46	1.0	31	12	504	3.33	2	5	ND	1	101	.3	2	2	77	2.48	.063	2	35	.77	65	.09	2	1.64	.22	.18	3	7
2027	9	250	3	45	1.0	55	17	346	4.45	8	9	ND	1	71	.3	2	4	122	1.42	.098	2	48	1.09	114	.17	2	1.62	.18	.60	2	6
2028	19	159	7	38	.9	57	14	372	3.29	2	5	ND	1	49	.3	2	2	69	1.53	.030	2	42	.75	53	.08	2	.97	.07	.17	3	4
2029	7	264	46	118	1.7	48	20	591	4.81	2	5	ND	1	66	.9	2	2	135	1.77	.075	2	53	1.51	116	.17	2	1.75	.14	.40	1	4
2030	1	248	17	152	1.6	8	10	472	3.01	2	5	ND	1	62	1.6	2	2	66	2.47	.068	4	19	.95	23	.05	2	1.32	.16	.09	1	12
2031	1	271	9	31	1.1	10	14	294	2.63	117	8	ND	1	49	.3	2	2	54	1.75	.073	3	19	.72	21	.05	2	.92	.16	.09	1	12
2032	1	375	11	33	1.1	13	15	280	3.87	2	5	ND	1	37	.5	2	2	61	1.43	.086	2	18	.76	10	.06	2	.89	.11	.07	1	7
2033	1	180	4	27	.6	8	10	360	3.26	2	5	ND	2	73	.3	2	2	50	2.43	.067	3	12	.93	20	.06	2	1.59	.12	.22	3	6
2034	1	186	2	33	.9	7	10	373	3.74	2	5	ND	1	119	.3	2	2	56	3.07	.077	3	11	.74	24	.07	2	1.71	.14	.15	2	11
RE 2038	1	217	10	46	1.3	7	11	446	3.46	5	5	ND	1	92	.4	2	2	63	1.12	.083	3	20	.95	68	.07	2	1.43	.15	.20	2	5
2035	1	400	20	38	3.8	15	15	478	5.18	5	5	ND	1	90	.5	2	6	61	3.17	.071	2	13	.73	31	.05	2	1.27	.08	.09	2	69
2036	1	56	8	33	.6	6	2	1112	2.07	2	5	ND	1	150	.2	2	2	50	6.64	.060	2	14	1.26	58	.03	2	1.61	.04	.14	1	12
2037	1	273	7	45	1.7	9	7	863	3.00	6	8	ND	1	70	.3	2	2	59	3.40	.069	4	13	1.19	32	.04	2	1.67	.05	.13	3	8
2038	1	206	9	41	1.4	7	10	429	3.24	6	5	ND	2	92	.6	2	2	61	1.08	.078	3	22	.92	80	.07	2	1.41	.16	.21	3	8
2039	1	178	16	107	.8	8	9	421	2.69	2	5	ND	1	114	1.6	2	2	48	4.53	.060	2	13	.68	52	.05	4	1.37	.15	.18	2	5
2040	6	232	11	47	.7	23	21	445	5.06	6	5	ND	1	190	.4	2	2	108	2.67	.200	6	37	1.31	131	.15	2	3.03	.31	.85	1	7
2041	4	239	8	25	1.1	27	22	306	4.21	2	6	ND	1	173	.4	2	2	53	3.01	.185	5	25	.52	44	.10	3	1.87	.21	.19	2	8
2042	7	272	2	34	.7	18	21	331	4.33	2	5	ND	1	148	.5	2	2	68	3.20	.198	7	21	.68	55	.11	3	2.13	.24	.34	2	7
2043	9	289	3	30	1.0	39	21	322	4.04	6	5	ND	1	151	.2	2	2	60	3.05	.158	4	26	.69	76	.11	2	2.10	.24	.33	2	7
2044	16	234	8	39	.9	69	15	330	3.88	13	5	ND	1	73	.4	3	2	132	1.47	.079	4	49	1.27	81	.15	2	1.37	.10	.51	1	5
2045	7	168	3	28	.6	98	13	256	2.96	6	5	ND	1	32	.2	2	2	100	.60	.045	2	48	.97	60	.12	2	.97	.07	.36	3	3
2046	1	130	8	31	.6	9	8	285	2.51	2	5	ND	1	47	.4	2	2	42	1.29	.055	3	18	.73	12	.06	2	1.16	.07	.09	1	6
2047	1	104	4	29	.3	7	6	405	2.57	2	5	ND	1	36	.2	2	2	43	1.14	.056	3	14	.97	17	.05	3	1.21	.13	.09	1	5
2048	2	107	2	34	.6	9	5	340	2.15	2	5	ND	2	50	.3	2	2	39	1.42	.055	5	14	1.17	14	.03	2	1.52	.11	.12	1	6
2049	1	168	8	43	1.1	17	13	387	3.40	6	5	ND	2	57	.4	2	2	62	1.04	.075	3	29	1.34	28	.08	2	1.64	.16	.34	3	3
2050	1	349	4	69	2.3	14	17	1044	5.36	35	5	ND	2	118	.6	2	2	74	9.46	.047	3	25	1.24	33	.05	2	1.39	.08	.14	1	8
2051	1	504	13	96	3.1	6	15	711	4.91	78	5	ND	1	81	1.0	2	2	132	2.86	.107	7	19	1.62	60	.21	2	1.82	.12	.16	1	8
2052	1	449	9	49	2.5	7	16	562	5.18	61	5	ND	1	105	.4	2	2	129	2.78	.101	6	20	1.46	104	.23	2	1.95	.16	.37	2	7
2053	1	270	12	59	1.8	5	11	744	4.40	7	5	ND	2	142	.7	2	2	155	3.44	.108	8	23	1.86	58	.23	4	2.56	.16	.20	2	11
2054	1	202	4	254	1.2	4	14	661	4.97	6	8	ND	1	126	2.6	2	2	145	2.32	.102	7	24	1.62	88	.23	3	2.44	.17	.35	2	6
2055	1	120	5	48	.7	7	9	449	3.75	28	8	ND	1	48	.3	2	2	87	1.13	.070	4	16	1.37	53	.14	2	1.69	.11	.23	2	3
2056	2	117	4	30	.5	6	5	452	1.89	4	9	ND	1	47	.3	2	2	37	1.72	.054	3	10	.68	35	.05	2	1.04	.09	.15	1	4
2057	9	320	27	62	2.2	49	17	715	4.80	2	5	ND	1	95	.4	2	2	112	2.65	.121	4	56	1.61	43	.15	2	1.80	.12	.13	2	8
STANDARD C/AU-R	20	65	39	131	7.0	69	31	1037	3.92	42	24	6	39	54	17.6	15	21	61	.47	.089	41	55	.86	179	.09	34	1.90	.06	.15	12	490

SAMPLE TYPE: CORE. Samples beginning 'RE' are duplicate samples.

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
2058	6	243	7	33	.9	35	15	567	3.64	35	5	ND	1	112	.3	2	2	77	4.37	.119	4	59	1.29	62	.11	2	1.68	.10	.19	1	14
2059	2	184	8	52	1.1	7	5	421	2.27	4	5	ND	1	65	.7	2	2	48	1.95	.072	5	10	1.06	34	.06	2	1.22	.09	.14	1	6
2060	4	365	11	67	1.7	32	10	506	3.73	35	5	ND	1	96	1.2	2	2	65	4.18	.102	4	22	1.07	32	.10	2	1.44	.08	.12	1	7
2061	4	289	9	28	.8	46	21	372	3.45	617	5	ND	1	107	.4	2	3	51	3.14	.120	3	34	.80	38	.10	2	1.41	.15	.12	1	54
2062	5	192	10	165	1.4	74	32	511	3.68	922	5	ND	1	59	2.2	2	3	104	2.40	.056	3	65	1.47	47	.11	2	1.59	.05	.26	1	44
RE 2066	2	252	7	68	1.5	7	14	331	2.91	511	5	ND	2	121	.8	2	7	44	2.35	.065	5	16	.74	23	.06	2	1.81	.14	.14	1	250
2063	5	414	38	33	6.7	96	351	310	12.32	48288	5	14	1	46	1.4	36	187	69	1.82	.040	2	35	.77	30	.04	2	.95	.06	.38	17	22800
2064	8	360	6	68	1.7	36	16	586	4.32	340	5	ND	1	106	1.0	2	3	104	2.84	.116	3	31	1.27	56	.13	2	2.13	.16	.33	1	170
2065	6	336	9	43	1.8	55	15	429	3.73	541	5	ND	1	78	.7	2	5	95	1.12	.058	4	36	.96	51	.12	2	1.48	.13	.41	1	180
2066	2	249	7	66	1.5	8	15	334	2.92	597	5	ND	2	121	.8	2	6	44	2.37	.066	5	17	.74	24	.07	2	1.82	.15	.15	1	240
2067	3	289	5	29	.6	27	19	370	4.13	168	5	ND	1	153	.9	2	2	61	3.34	.145	3	50	.84	68	.10	2	2.38	.19	.32	1	21
2068	4	291	3	29	.7	14	22	311	3.52	436	5	ND	2	82	1.1	2	2	55	2.07	.088	4	18	.79	51	.09	2	1.20	.12	.33	1	9
2069	29	120	5	30	.3	70	9	484	2.07	17	5	ND	1	73	.6	2	2	18	4.18	.098	5	15	.30	16	.05	2	.63	.07	.03	2	8
STANDARD C/AU-R	19	64	38	130	7.1	70	34	1072	3.92	39	17	6	39	52	19.0	16	20	56	.48	.087	39	58	.87	172	.09	33	1.89	.05	.14	11	510

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

KRL Resources Corp. File # 91-4950 Page 1

1022 - 470 Granville St., Vancouver BC V6C 1V5

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
2070	5	155	25	67	1.3	102	26	347	4.01	11409	5	ND	1	38	.2	12	6	61	.72	.039	3	46	.63	55	.07	2	.79	.13	.18	1	310
2071	18	178	25	129	.8	107	17	808	4.08	22	5	ND	1	63	.2	2	2	99	1.51	.071	4	67	1.07	130	.15	2	1.38	.14	.44	1	11
2072	3	209	2	19	.5	48	17	364	4.06	2	5	ND	1	67	.2	2	2	42	2.54	.071	2	21	.40	79	.12	2	.83	.14	.13	1	7
2073	3	179	3	11	.4	37	15	329	3.53	2	5	ND	1	78	.2	2	3	32	2.10	.080	2	16	.29	57	.14	2	.79	.16	.10	1	8
2074	1	227	8	552	.9	19	16	823	5.24	2438	5	ND	1	130	4.2	10	3	83	2.76	.146	2	23	1.35	71	.09	2	2.61	.27	.32	1	59
2075	1	206	9	30	.6	19	16	540	4.26	4	5	ND	1	151	.2	2	2	56	3.49	.148	3	41	.77	66	.10	2	2.00	.29	.39	1	9
2076	1	230	11	54	.8	20	17	959	5.28	1091	5	ND	1	143	.2	2	2	116	3.90	.150	2	29	1.86	136	.13	2	2.82	.18	.61	1	24
2077	2	228	27	94	.6	38	17	697	3.89	116	5	ND	1	159	.6	2	2	98	3.32	.138	2	77	1.86	132	.14	2	3.15	.27	.90	1	13
2078	1	105	3	23	.3	9	29	315	2.03	2990	5	ND	2	122	.3	2	3	33	2.37	.047	3	10	.67	70	.05	2	1.69	.21	.37	1	117
2079	1	265	2	19	.4	8	10	268	2.79	175	5	ND	2	145	.2	2	2	41	2.09	.051	4	17	.55	63	.06	2	1.82	.26	.35	1	18
2080	1	105	4	24	.3	7	5	363	1.91	8	5	ND	2	149	.2	2	2	39	2.23	.052	4	13	.55	69	.07	2	1.68	.26	.26	1	6
2081	2	86	4	24	.4	9	5	375	2.12	2	5	ND	2	134	.2	2	3	39	1.75	.051	4	11	.62	82	.06	2	1.81	.25	.30	1	5
2082	2	85	4	23	.3	7	5	411	2.02	2	5	ND	2	79	.3	2	2	41	1.53	.055	4	10	.63	39	.07	2	1.12	.23	.17	1	7
2083	2	94	3	22	.3	7	5	382	2.14	6	5	ND	3	116	.4	2	2	42	1.95	.057	4	16	.61	47	.08	2	1.31	.23	.22	1	8
2084	3	144	3	25	.2	28	13	521	3.00	4	5	ND	1	153	.2	2	2	71	3.95	.128	3	23	.87	64	.14	2	2.00	.25	.35	4	16
2085	7	496	3	22	1.4	84	38	443	8.03	44	5	ND	1	75	.7	2	2	62	2.08	.121	3	32	.74	85	.13	2	1.24	.16	.55	1	10
2086	3	129	60	129	1.0	36	8	889	2.93	2	5	ND	1	133	1.4	2	2	84	3.25	.114	2	38	1.05	44	.13	2	2.16	.23	.34	1	5
2087	1	352	7	36	1.0	10	11	440	4.33	9	5	ND	1	171	.8	2	2	68	1.76	.112	3	16	1.03	74	.12	2	2.73	.37	.87	1	12
2088	1	313	2	29	.7	9	8	312	3.52	15	5	ND	1	179	1.0	2	2	80	1.95	.118	3	12	.97	85	.12	2	3.06	.42	.72	1	8
2089	1	387	2	39	.9	17	8	383	4.46	141	5	ND	1	111	1.0	2	2	72	2.82	.096	3	12	1.20	33	.09	2	2.52	.17	.44	1	8
2090	1	208	2	32	.5	11	9	472	3.59	4	5	ND	1	148	.8	2	3	72	2.06	.103	3	18	1.09	63	.12	2	2.81	.35	.96	1	7
2091	3	379	3	36	.8	30	13	445	4.41	29	5	ND	1	122	.3	2	2	74	2.42	.091	2	27	1.27	47	.12	2	2.31	.24	.52	2	9
2092	1	339	6	48	1.2	11	13	560	3.92	37	5	ND	1	192	.9	2	2	62	3.72	.107	3	13	.88	63	.09	2	2.50	.31	.30	1	9
2093	1	241	7	45	1.1	12	11	402	3.21	9	5	ND	1	158	1.4	2	2	52	2.46	.101	4	12	.69	83	.09	2	1.88	.32	.37	1	14
2094	1	272	6	47	1.1	11	13	529	3.71	2	5	ND	1	145	1.4	2	2	58	2.17	.101	4	13	.89	55	.08	2	2.07	.25	.27	1	9
~~RE 2091~~	~~3~~	~~412~~	~~4~~	~~36~~	~~.8~~	~~30~~	~~13~~	~~460~~	~~4.48~~	~~35~~	~~5~~	~~ND~~	~~1~~	~~127~~	~~1.0~~	~~2~~	~~2~~	~~76~~	~~2.38~~	~~.091~~	~~2~~	~~28~~	~~1.29~~	~~48~~	~~.11~~	~~2~~	~~2.38~~	~~.24~~	~~.55~~	~~2~~	~~6~~
2095	1	215	9	40	1.0	9	9	463	3.05	10	5	ND	1	131	1.2	2	2	65	2.75	.105	3	16	.95	64	.09	2	2.10	.21	.32	1	5
2096	2	328	8	43	1.4	13	12	464	3.59	7	5	ND	1	158	.7	2	2	61	2.30	.112	4	13	.89	77	.10	2	2.03	.24	.32	1	2
2097	2	172	4	36	.7	12	9	431	2.72	2	5	ND	1	164	1.1	2	2	51	2.57	.093	3	14	.76	36	.08	2	2.09	.22	.25	1	3
2098	1	263	2	25	.7	10	12	337	3.11	2	5	ND	1	189	1.7	2	2	46	2.47	.109	4	9	.65	87	.08	2	2.46	.38	.41	1	4
2099	2	183	10	68	.5	33	14	401	3.05	2	5	ND	1	127	1.2	2	2	56	2.34	.086	2	29	.71	73	.13	2	1.81	.23	.30	1	5
2100	3	214	13	65	1.8	41	63	541	4.25	6745	5	ND	1	68	1.8	2	16	85	1.83	.088	2	36	1.57	69	.10	2	1.87	.12	.50	1	410
2101	5	193	9	54	.7	50	14	563	3.46	47	5	ND	1	63	.8	3	2	89	1.80	.073	2	38	.98	35	.16	2	1.12	.11	.21	1	4
2102	4	180	7	65	.6	51	15	441	3.31	6	5	ND	1	70	.2	2	2	64	1.79	.078	2	32	.67	58	.16	2	.94	.10	.16	1	3
2103	2	314	9	71	1.2	35	30	560	4.46	446	5	ND	1	92	.7	2	2	49	3.46	.072	2	33	.58	43	.12	2	1.19	.13	.16	1	11
2104	1	101	4	29	.4	9	6	486	1.83	23	5	ND	2	121	.5	2	2	39	2.77	.055	5	11	.62	45	.06	2	1.45	.18	.25	1	4
2105	1	164	2	30	.6	7	8	528	2.42	3	5	ND	2	138	.9	2	3	39	3.75	.052	4	12	.66	31	.06	2	1.47	.16	.26	1	6
STANDARD C/AU-R	18	60	41	129	7.2	68	34	1074	3.88	42	18	8	38	52	19.0	16	20	56	.48	.086	38	60	.85	179	.09	33	1.92	.06	.16	13	490

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 7 1991 **DATE REPORT MAILED:** Oct 9/91. **SIGNED BY** .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

KRL Resources Corp. FILE # 91-4950

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
2106	5	335	2	36	.7	57	22	913	3.78	177	5	ND	2	180	.2	2	5	66	6.79	.074	2	60	.99	26	.11	3	1.80	.16	.30	2	23
2107	8	196	2	27	.4	79	15	982	3.35	93	5	ND	1	181	.2	2	2	66	4.46	.071	3	77	.58	27	.08	2	1.63	.11	.33	2	10
2108	2	383	2	34	.7	36	18	1057	3.93	149	5	ND	2	197	.2	2	5	43	6.06	.069	2	25	.80	26	.06	2	2.15	.18	.35	5	6
2109	2	211	5	40	.4	13	12	593	3.98	8	5	ND	1	184	.2	2	2	76	3.45	.126	4	16	1.32	71	.12	2	2.91	.36	.93	1	2
2110	1	360	2	74	.6	19	22	768	5.99	12	5	ND	1	213	.8	2	2	154	3.86	.174	2	24	1.96	217	.18	3	4.32	.49	1.76	1	2
2111	1	168	9	41	.5	9	8	485	2.89	2	5	ND	1	193	.2	2	4	64	2.43	.132	5	23	1.04	84	.11	2	2.23	.27	.56	1	2
2112	2	116	5	26	.4	8	6	334	2.07	2	5	ND	2	122	.2	2	2	40	1.69	.051	5	13	.61	43	.06	2	1.48	.19	.22	1	1
2113	3	66	5	24	.3	8	5	331	1.63	2	5	ND	2	120	.2	2	2	42	1.70	.054	5	12	.59	40	.06	6	1.54	.20	.22	1	1
2114	2	72	2	25	.3	8	5	394	1.61	2	5	ND	2	110	.2	2	2	45	2.04	.052	5	12	.61	32	.06	3	1.44	.18	.22	1	2
2115	1	178	5	38	1.0	8	10	383	2.47	2	5	ND	2	73	.3	2	2	37	1.38	.050	5	18	.69	44	.06	4	1.16	.12	.19	1	3
~~RE 2119~~	~~6~~	~~83~~	~~7~~	~~48~~	~~.8~~	~~33~~	~~15~~	~~612~~	~~3.34~~	~~43~~	~~5~~	~~ND~~	~~1~~	~~78~~	~~.2~~	~~6~~	~~2~~	~~82~~	~~2.35~~	~~.082~~	~~4~~	~~41~~	~~1.40~~	~~49~~	~~.11~~	~~5~~	~~1.99~~	~~.16~~	~~.68~~	~~1~~	~~3~~
2116	6	43	5	30	.3	23	4	456	1.60	2	5	ND	2	78	.2	2	2	66	1.91	.055	3	28	.80	80	.09	4	1.24	.12	.40	1	1
2117	18	81	8	270	.7	59	14	692	3.01	19	5	ND	1	117	3.9	9	2	178	2.70	.061	4	56	1.33	85	.11	5	2.50	.27	.99	1	5
2118	7	101	7	59	.7	53	16	644	3.76	20	5	ND	1	76	.5	6	2	118	2.06	.070	4	55	1.37	56	.10	4	2.02	.18	.92	1	3
2119	5	82	7	51	.7	35	16	638	3.43	50	5	ND	1	79	.5	6	2	85	2.43	.086	4	42	1.45	43	.11	5	2.02	.16	.70	2	4
2120	5	65	3	42	.5	34	12	791	2.67	29	5	ND	1	107	.2	6	2	84	3.66	.069	2	36	1.35	36	.09	4	2.02	.17	.53	1	6
2121	29	93	7	39	.6	64	13	499	3.06	26	5	ND	1	96	.3	11	2	207	1.74	.065	4	64	1.04	53	.11	3	2.07	.21	.70	1	6
2122	5	103	10	73	1.0	38	14	494	3.28	8	5	ND	1	91	.8	10	2	61	1.46	.062	3	40	1.00	82	.12	3	1.81	.21	.47	1	5
2123	4	161	212	121	13.2	43	20	2084	5.84	203	5	ND	1	220	2.3	71	2	41	5.60	.101	4	22	1.59	48	.02	3	1.27	.01	.43	1	27
2124	4	171	342	2321	8.9	67	17	1358	3.59	162	5	ND	1	101	36.8	90	4	54	3.84	.076	3	43	1.65	57	.05	2	1.73	.07	.69	1	11
2125	2	59	25	100	.6	10	8	1242	3.00	2	5	ND	1	75	1.0	2	2	71	3.47	.094	4	15	1.24	73	.06	3	2.01	.17	.35	1	6
STANDARD C/AU-R	20	59	43	135	7.3	70	32	1110	4.04	42	18	7	37	52	18.5	16	21	58	.49	.089	39	59	.88	178	.09	36	1.93	.06	.15	11	490

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

KRL RESOURCES CORP.

1022 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

Project :
Comments: ATTN: SEAMUS YOUNG CC: JOHN J. WATKINS

Certificate Date: 03-SEP-91
Invoice No. : I9120820
P.O. Number :

CERTIFICATE OF ANALYSIS A9120820

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
1005	207	294	< 0.07
1007	207	294	0.21
1009	207	294	0.48
1011	207	294	1.10
1018	207	294	0.07
1023	207	294	4.32
1025	207	294	0.55
1041	207	294	0.14
1042	207	294	3.15
1043	207	294	0.34
1044	207	294	1.23
1045	207	294	0.89
1046	207	294	< 0.07
1047	207	294	1.16
1048	207	294	0.07
1049	207	294	0.21
1050	207	294	0.07
1051	207	294	0.14
1053	207	294	0.34
1055	207	294	0.62
1057	207	294	0.55
1061	207	294	2.88
1063	207	294	0.21
1075	207	294	0.07
1080	207	294	< 0.07
1094	207	294	0.21
1141	207	294	0.14
1142	207	294	< 0.07
1154	207	294	< 0.07
1158	207	294	0.55
1164	207	294	0.41
1172	207	294	0.62
1176	207	294	0.07
1187	207	294	< 0.07
1190	207	294	< 0.07
1191	207	294	1.16
1211	207	294	< 0.07
1223	207	294	< 0.07
1235A	207	294	0.14
1237	207	294	3.63

CERTIFICATION: [signature]

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

1... RL RESOURCES CORP.

1022 - 470 GRANVILLE ST.
VANCOUVER, BC
V6C 1V5

Project :
Comments: ATTN: SEAMUS YOUNG CC: JOHN J. WATKINS

Page Num.
Total Pages
Certificate D... 3-SEP-91
Invoice No. : I9120820
P.O. Number :

CERTIFICATE OF ANALYSIS A9120820

SAMPLE DESCRIPTION	PREP CODE		Au g/tonne
1254	207	294	7.67
1255	207	294	< 0.07
1258	207	294	0.34

CERTIFICATION: [signature]

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

KRL Resources Corp. FILE # 91-2940R

SAMPLE#	Ag** gm/t	Au** gm/t
1023	1.7	4.22

- SAMPLE TYPE: CORE PULP Ag & Au by Fire assay from 1 A.T.

DATE RECEIVED: AUG 7 1991 DATE REPORT MAILED: Aug 14/91

SIGNED BY. C. Leong ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

KRL Resources Corp. FILE # 91-2971R

SAMPLE#	Ag** oz/t	Au** oz/t
1042	.07	.077
1044	.12	.033
1045	.10	.025
1047	.06	.036
1053	.11	.016
1055	.03	.027
1056	.04	.030
1057	.01	.025
1061	.04	.063
STANDARD AG-1/AU-1	.99	.098

AG** AND AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: AUG 12 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

KRL Resources Corp. FILE # 91-4712R

SAMPLE#	Au** oz/t
1734	.013
1774	.015
STANDARD AU-1	.097

AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 1 1991 DATE REPORT MAILED: Oct 2/91

SIGNED BY. C. Leong ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

KRL Resources Corp. FILE # 91-4793R

SAMPLE#	Au** oz/t
1869	.011
1873	.021
STANDARD AU-1	.099

AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: OCT 2 1991 DATE REPORT MAILED: Oct 4, 91

SIGNED BY........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

KRL Resources Corp. FILE # 91-4912R

SAMPLE#	Au** oz/t
1960	.003
1961	.002
1962	.002
1963	.578
1964	.012
1975	.048
1979	.053
1984	.063
2001	.001
2002	.074
2003	.017
2004	.006
2005	.025
2006	.039
2007	.001
2008	.001
2009	.008
2010	.024
2063	.563
2064	.001
2065	.004
2066	.006
RE 2066	.004
STANDARD AU-1	.097

AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 9 1991 DATE REPORT MAILED: Oct 10/91

SIGNED BY. C. Leong ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

KRL Resources Corp. FILE # 91-2814R2

SAMPLE#	Pt** ppb	Pd** ppb
MM1 #4	1	1
MM1 #5	2	10

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE. ASSAY RECOMMENDED FOR AU > 1000 PPB.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

KRL Resources Corp. FILE # 91-2815R2

SAMPLE#	Pt** ppb	Pd** ppb
900A	1	1
900B	1	1

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE. ASSAY RECOMMENDED FOR AU > 1000 PPB.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY. C. Leong .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

KRL Resources Corp. FILE # 91-2228R

SAMPLE#	Pt** ppb	Pd** ppb
835	1	1
836	1	2

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE. ASSAY RECOMMENDED FOR AU > 1000 PPB.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

KRL Resources Corp. FILE # 91-2514R2

SAMPLE#	Pt** ppb	Pd** ppb
873	1	2
878	1	1

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE. ASSAY RECOMMENDED FOR AU >= 1000 PPB.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

KRL Resources Corp. FILE # 91-2940R2

SAMPLE#	Pt** ppb	Pd** ppb
1008	1	6
1009	1	1
1018	1	1
1023	3	9
1034	1	6
1036	2	6

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE. ASSAY RECOMMENDED FOR AU > 1000 PPB.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY C. Leong ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

KRL Resources Corp. FILE # 91-2971R2

SAMPLE#	Pt** ppb	Pd** ppb
1042	1	3
1047	1	1
1061	1	3
1074	2	5

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE. ASSAY RECOMMENDED FOR AU > 1000 PPB.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

KRL Resources Corp. FILE # 91-3061R

SAMPLE#	Pt** ppb	Pd** ppb
1091	4	2
1097	1	8
1110	4	7
1133	3	16

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE. ASSAY RECOMMENDED FOR AU > 1000 PPB.
- SAMPLE TYPE: CORE PULP

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 15/91

SIGNED BY C. Leong ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX 8

Drill hole sections:

425 North

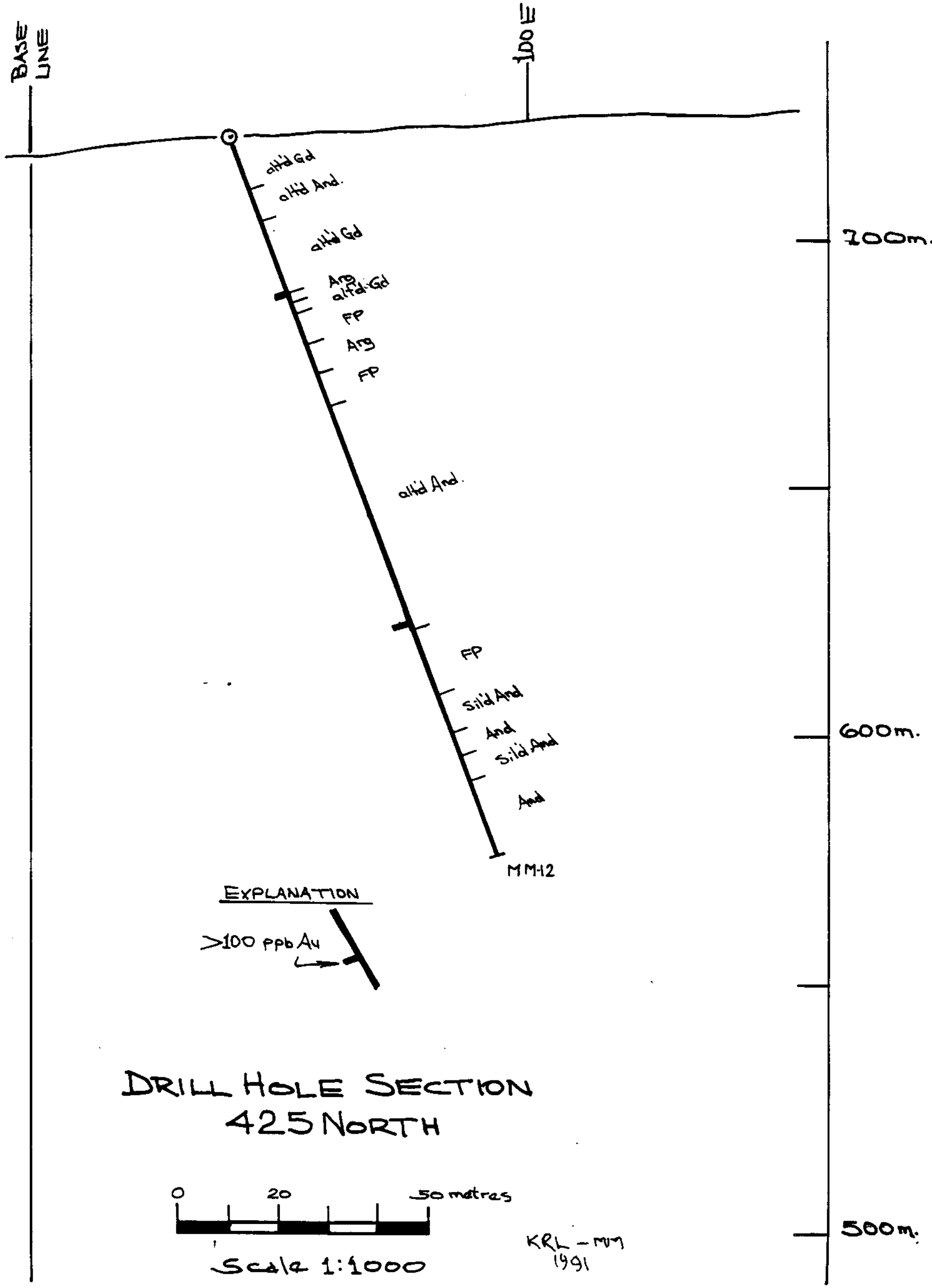
600 North

670 North

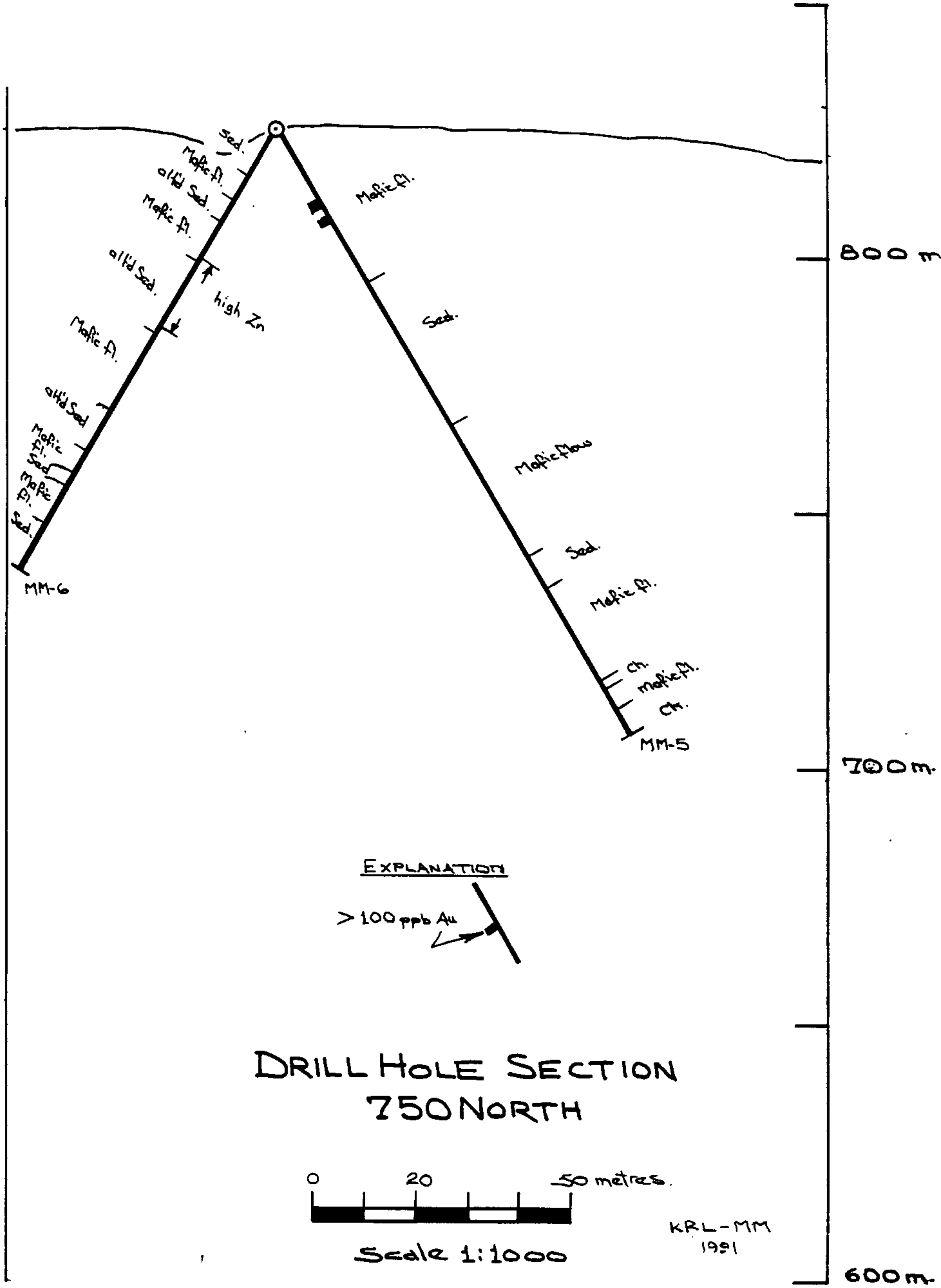
750 North

820 North

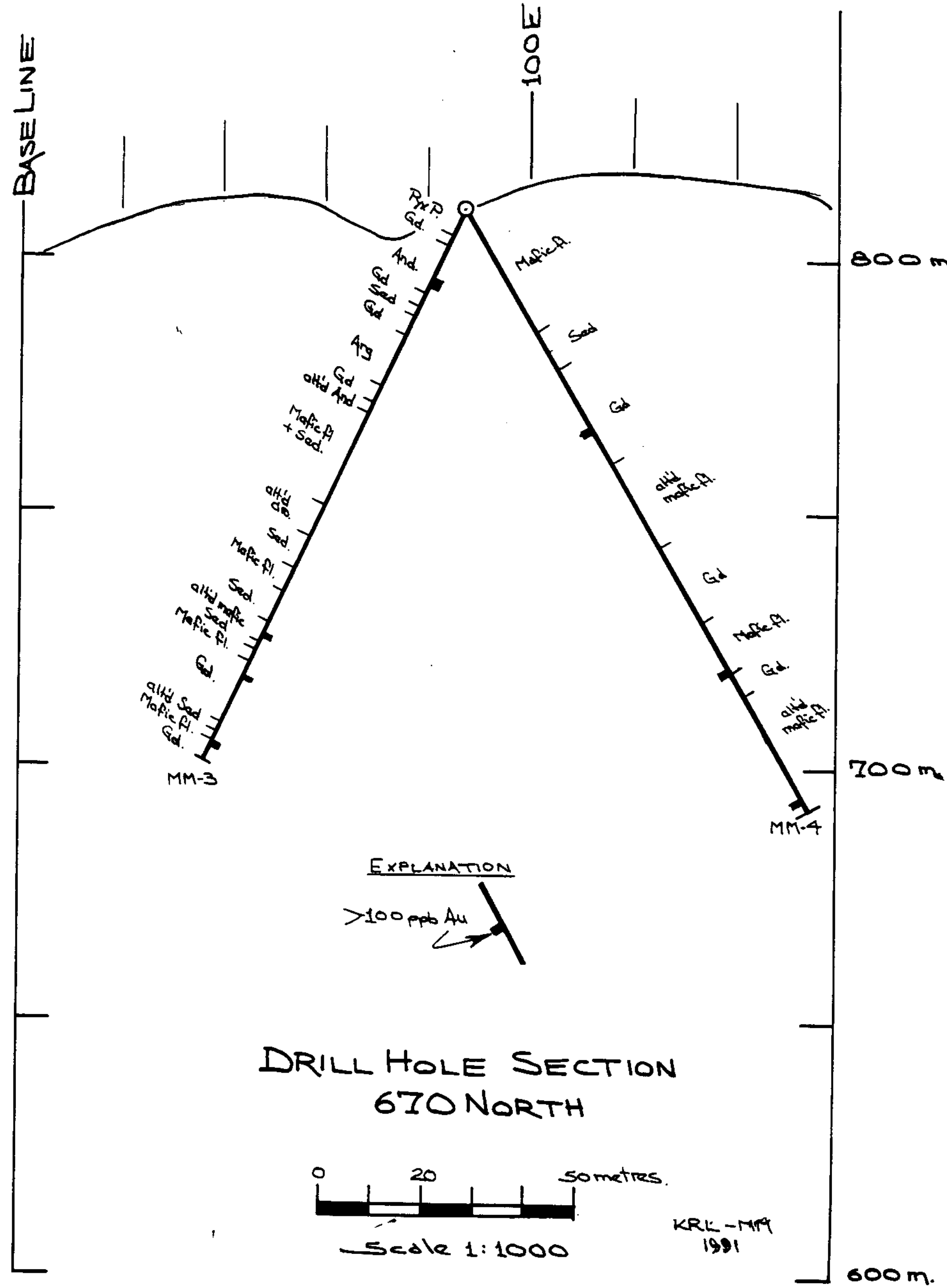
MM-10 & MM-11

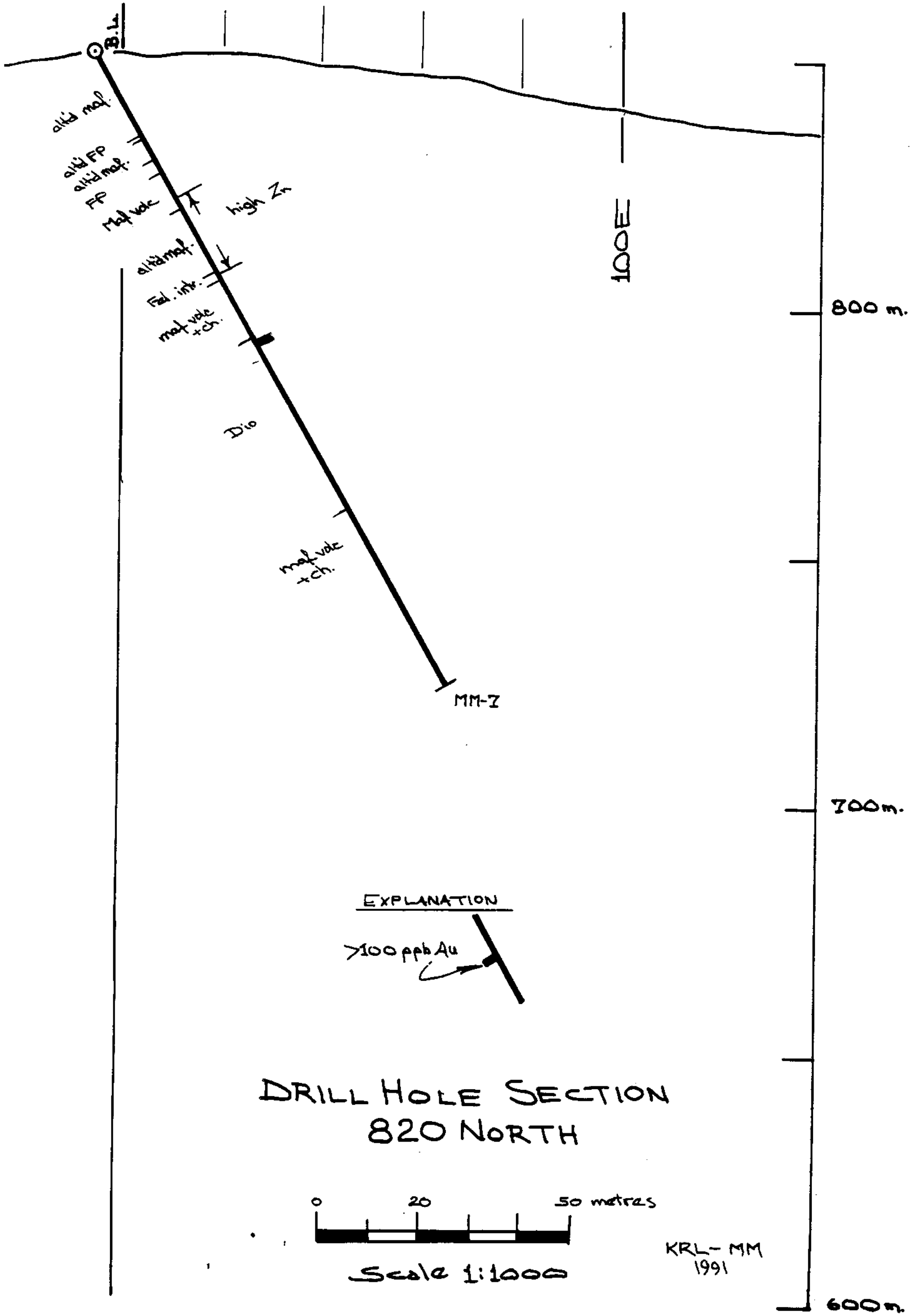


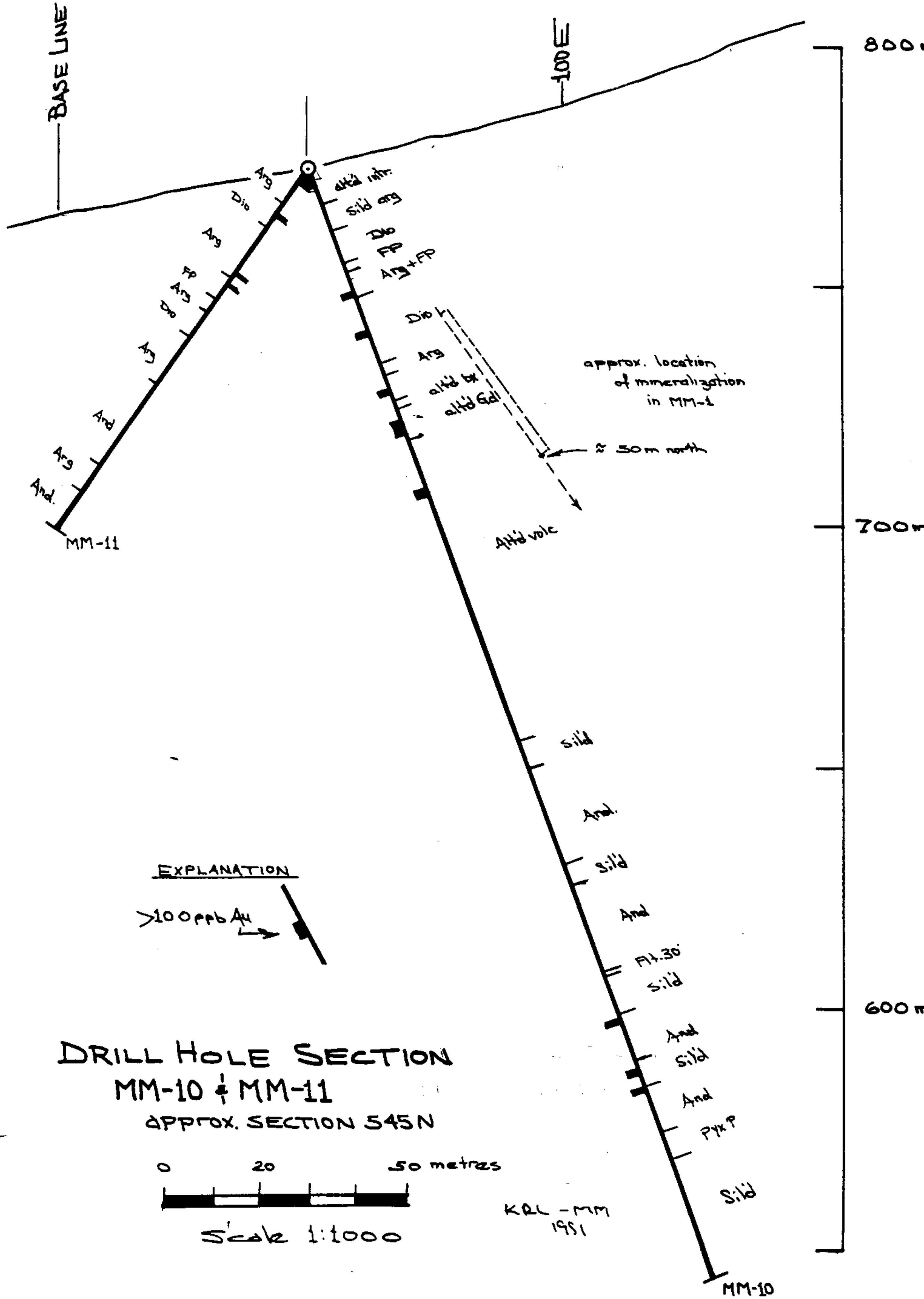
BASE LINE
100 E
700m.
600m.
500m.
alt'd Gd
alt'd And.
alt'd Gd
Arg
alt'd Gd
FP
Arg
FP
alt'd And.
FP
sil'd And
And
sil'd And
And
MM-12
EXPLANATION
>100 ppb Au
DRILL HOLE SECTION
425 NORTH
0
20
50 metres
Scale 1:1000
KRL - MM
1991

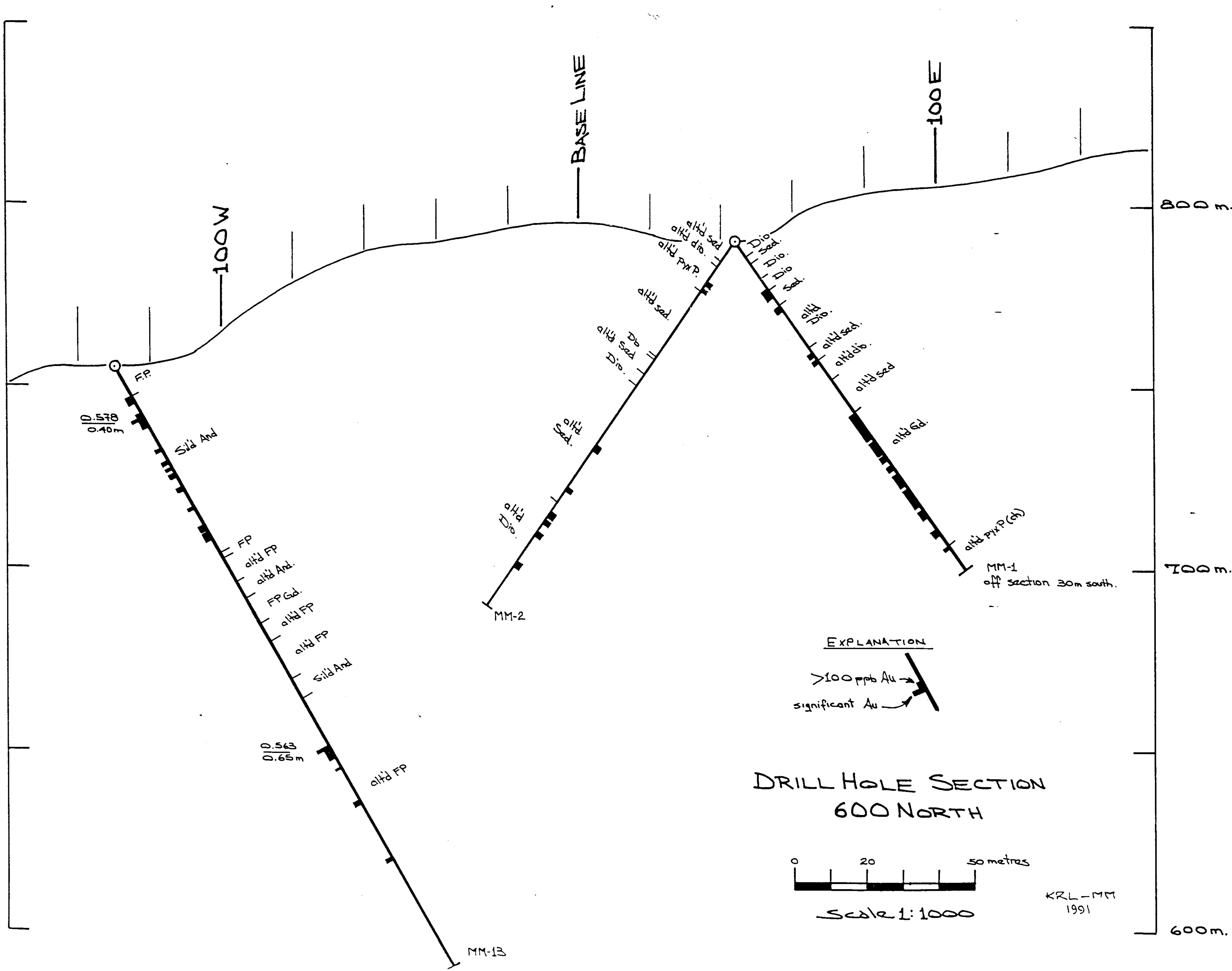


Sed.
Mafic fl.
alt'd Sed.
Mafic fl.
alt'd Sed.
high Zn
Mafic fl.
alt'd Sed
Mafic fl.
Sed
Mafic fl.
Sed.
MM-6
Mafic fl.
Sed.
Mafic flow
Sed.
Mafic fl.
Ch.
mafic fl.
Ch.
MM-5
800 m
700 m.
600 m.
EXPLANATION
> 100 ppb Au
DRILL HOLE SECTION
750 NORTH
0
20
50 metres.
Scale 1:1000
KRL-MM
1991

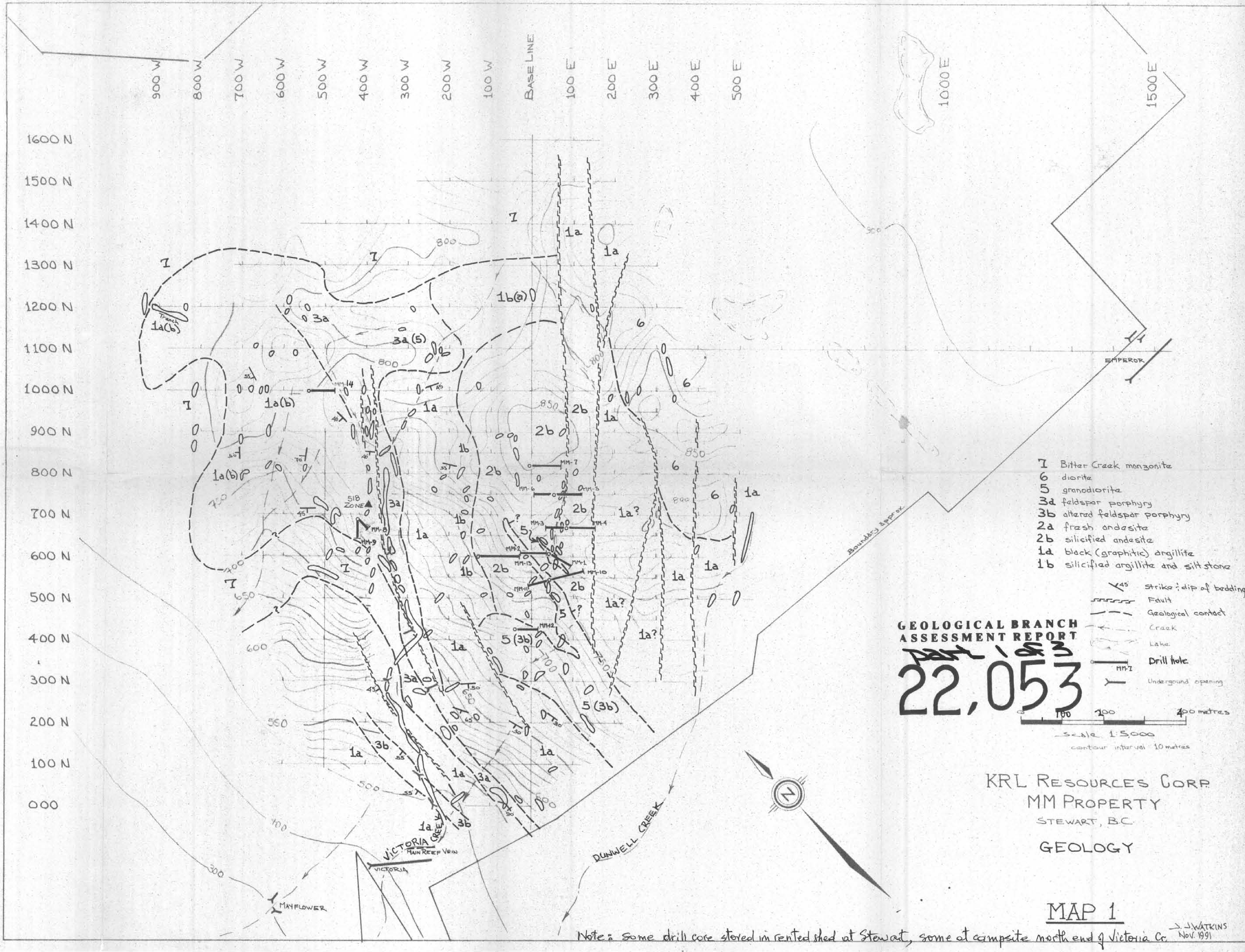

BASE LINE
100E
800 m
700 m.
600 m.
Ryx P.
Gd.
And.
Gd
Sed
Gd
Arg
Gd
alt'd And
Mafic fl
+ Sed.
alt'd
do.
Sed.
Mafic fl.
Sed.
alt'd mafic
Sed
Mafic fl.
Gd.
alt'd Sed
Mafic fl.
Gd.
MM-3
Mafic fl.
Sed
Gd
alt'd
mafic fl.
Gd
Mafic fl.
Gd.
alt'd
mafic fl.
MM-4
EXPLANATION
>100 ppb Au
DRILL HOLE SECTION
670 NORTH
0
20
50 metres.
Scale 1:1000
KRL-MM
1991


B.L.
100E
800 m.
700m.
600m.
alt'd maf.
alt'd FP
alt'd maf.
FP
Maf vol'c
high Zn
alt'd maf.
Fel. intr.
maf vol'c +ch.
Dio
maf vol'c +ch.
MM-7
EXPLANATION
>100 ppb Au
DRILL HOLE SECTION
820 NORTH
0
20
50 metres
Scale 1:1000
KRL-MM
1991

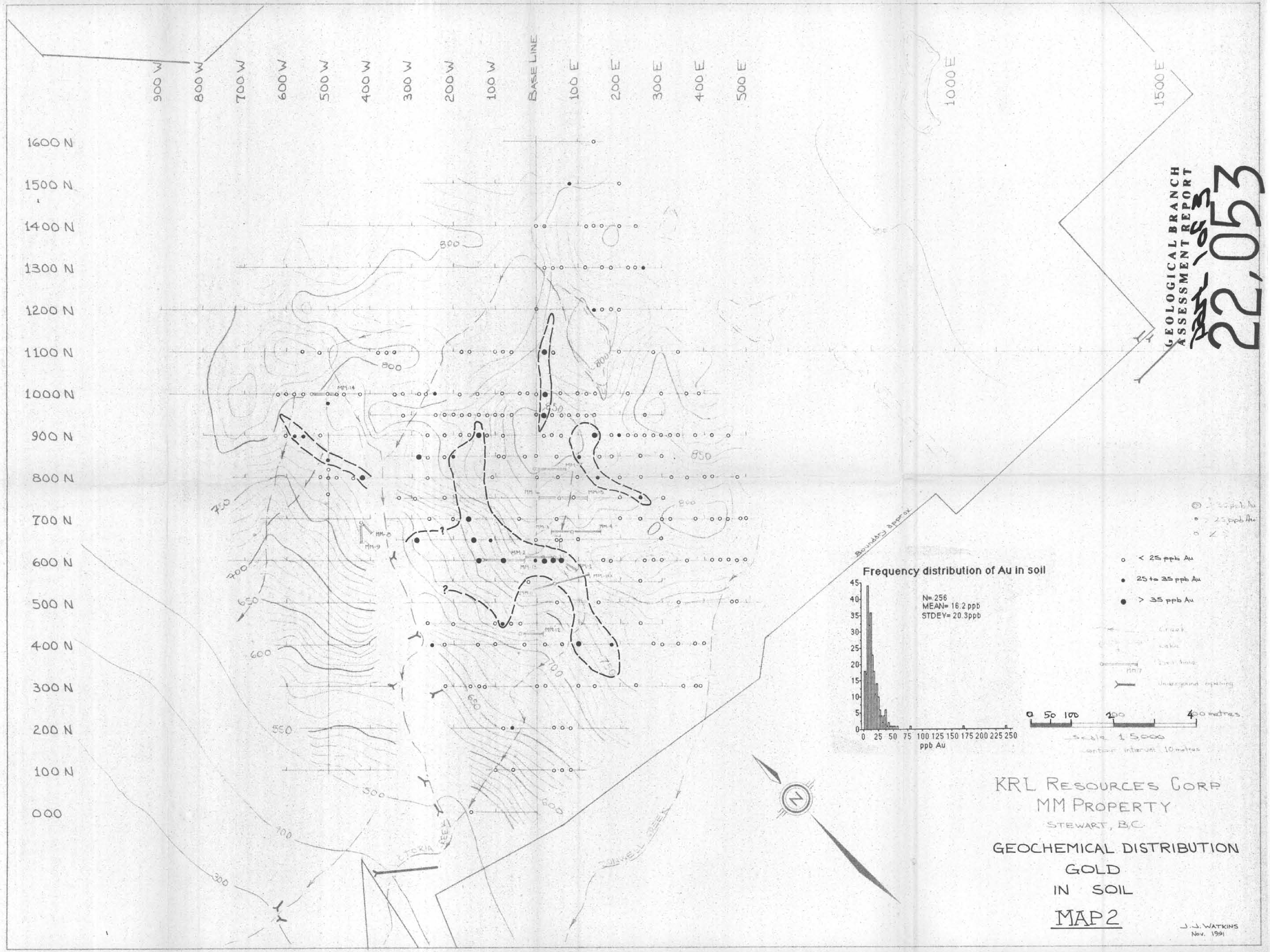

BASE LINE
100E
800m
700m
600m
Arg
Dio
Arg
FP
Arg
Dio
Arg
And
Arg
And.
MM-11
alt'd intr.
Sil'd arg
Dio
FP
Arg+FP
Dio
Arg
alt'd bx
alt'd Gdl
approx. location of mineralization in MM-1
≈ 50m north
Alt'd volc
Sil'd
And.
Sil'd
And
Flt 30°
Sil'd
And
Sil'd
And
Pyx P
Sil'd
MM-10
EXPLANATION
>100 ppb Au
DRILL HOLE SECTION
MM-10 & MM-11
approx. SECTION 545N
0
20
50 metres
Scale 1:1000
KRL-MM
1991



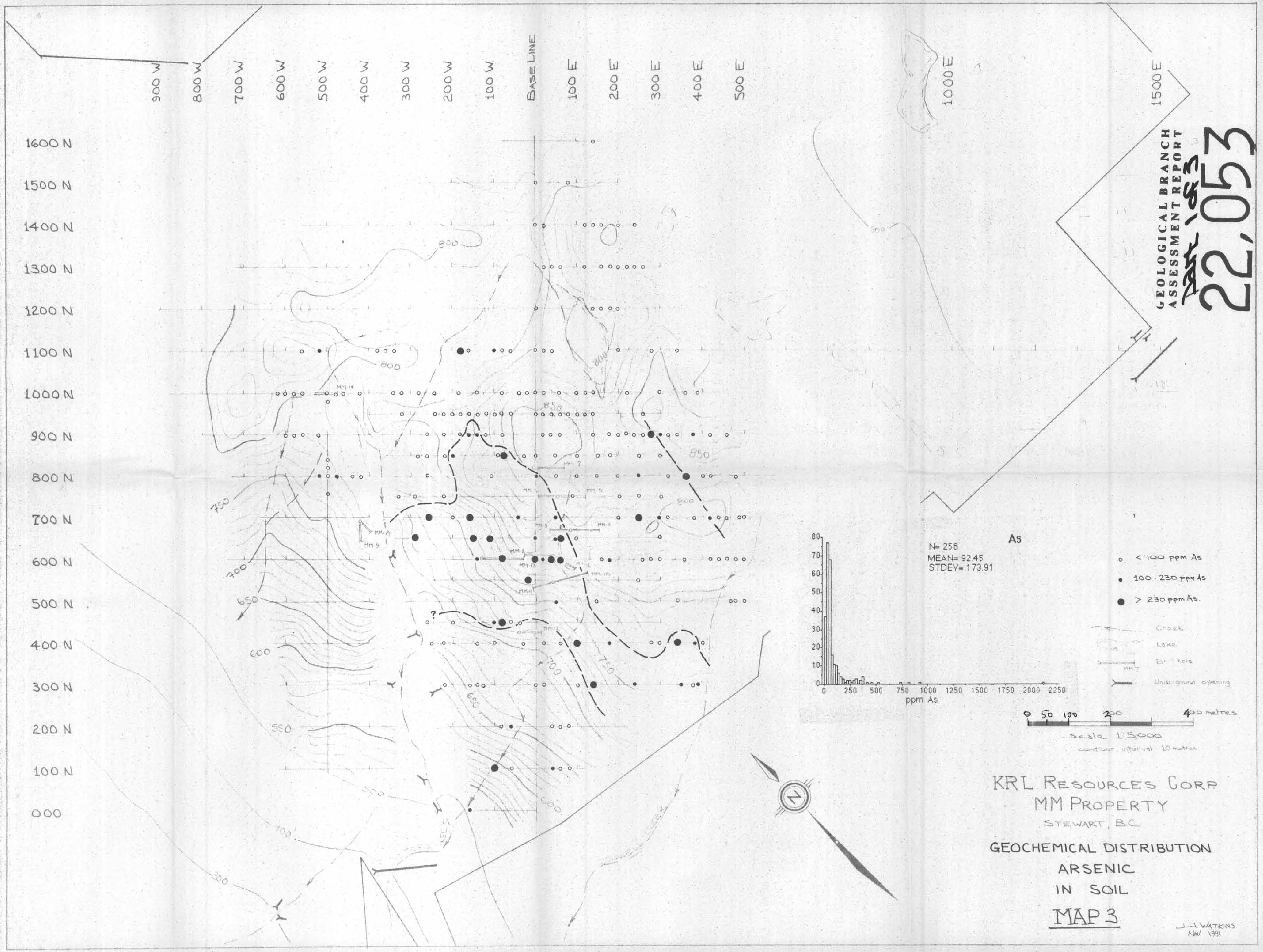
BASE LINE
100W
100E
800 m.
700 m.
600 m.
F.P.
0.578
0.40m
Sil'd And
FP
alt'd FP
alt'd And.
FP Gd.
alt'd FP
alt'd FP
Sil'd And
0.563
0.65m
alt'd FP
MM-13
alt'd Sed
alt'd dio.
alt'd PyxP.
alt'd sed.
alt'd Sed
Dio
Dio.
alt'd Sed.
alt'd Dio
MM-2
Dio
Sed.
Dio.
Dio
Sed.
alt'd Dio.
alt'd sed.
alt'd dio.
alt'd sed
alt'd Gd.
alt'd PyxP(ch)
MM-1
off section 30m south.
EXPLANATION
>100 ppb Au
significant Au
DRILL HOLE SECTION
600 NORTH
0
20
50 metres
Scale 1:1000
KRL-MM
1991



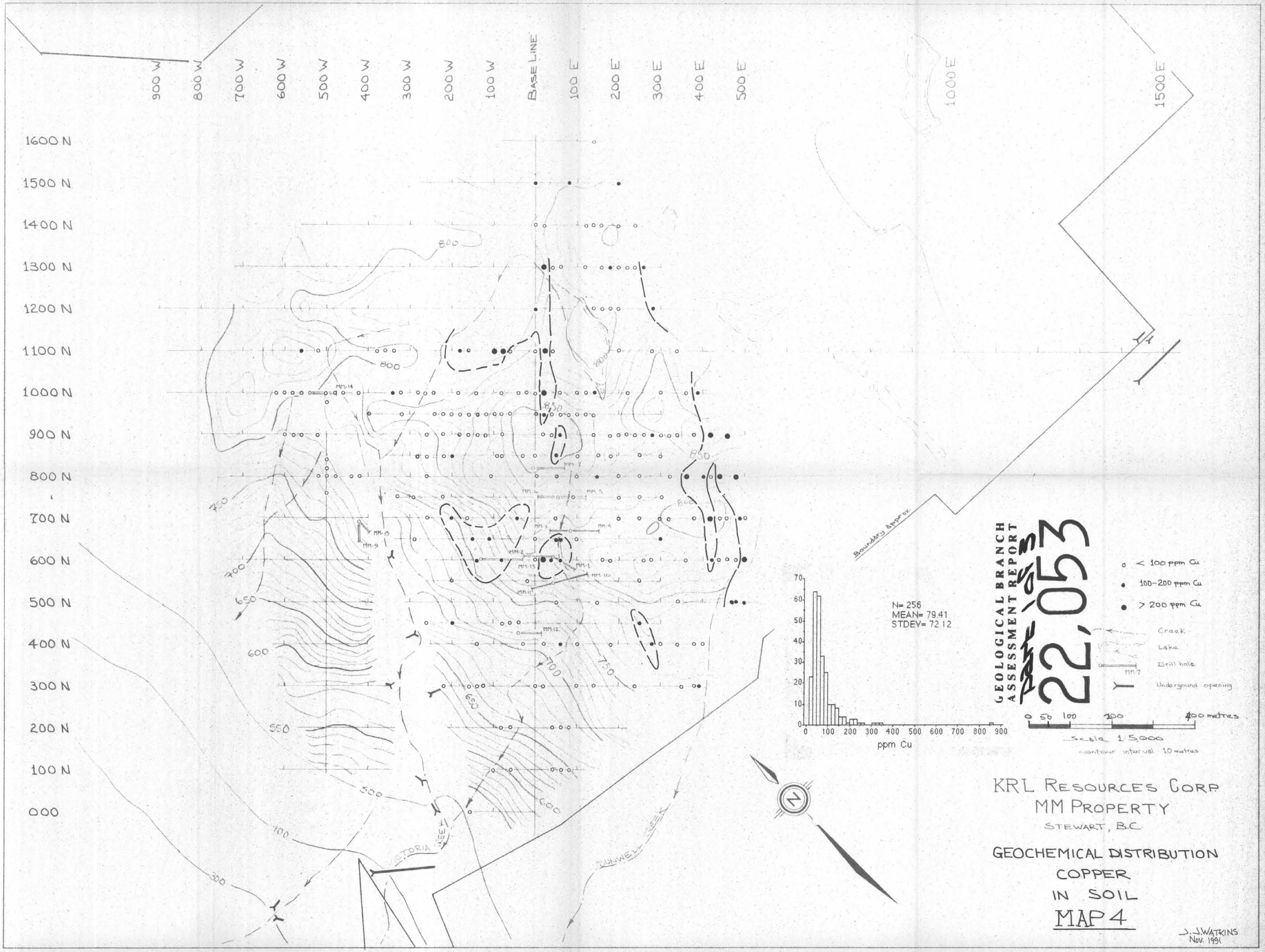
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
7 Bitter Creek monzonite
6 diorite
5 granodiorite
3a feldspar porphyry
3b altered feldspar porphyry
2a fresh andesite
2b silicified andesite
1a black (graphitic) argillite
1b silicified argillite and siltstone
Strike & dip of bedding
Fault
Geological contact
Creek
Lake
Drill hole
Underground opening
Scale 1:5,000
contour interval 10 metres
KRL RESOURCES CORP.
MM PROPERTY
STEWART, B.C.
GEOLOGY
MAP 1
J. J. WATKINS
NOV. 1991
Note: Some drill core stored in rented shed at Stewart, some at campsite north end of Victoria Cr.
BASE LINE
518 ZONE
EMPEROR
MAYFLOWER
VICTORIA CREEK
MAIN REEF VEIN
VICTORIA
DUNWELL CREEK
Boundary approx.



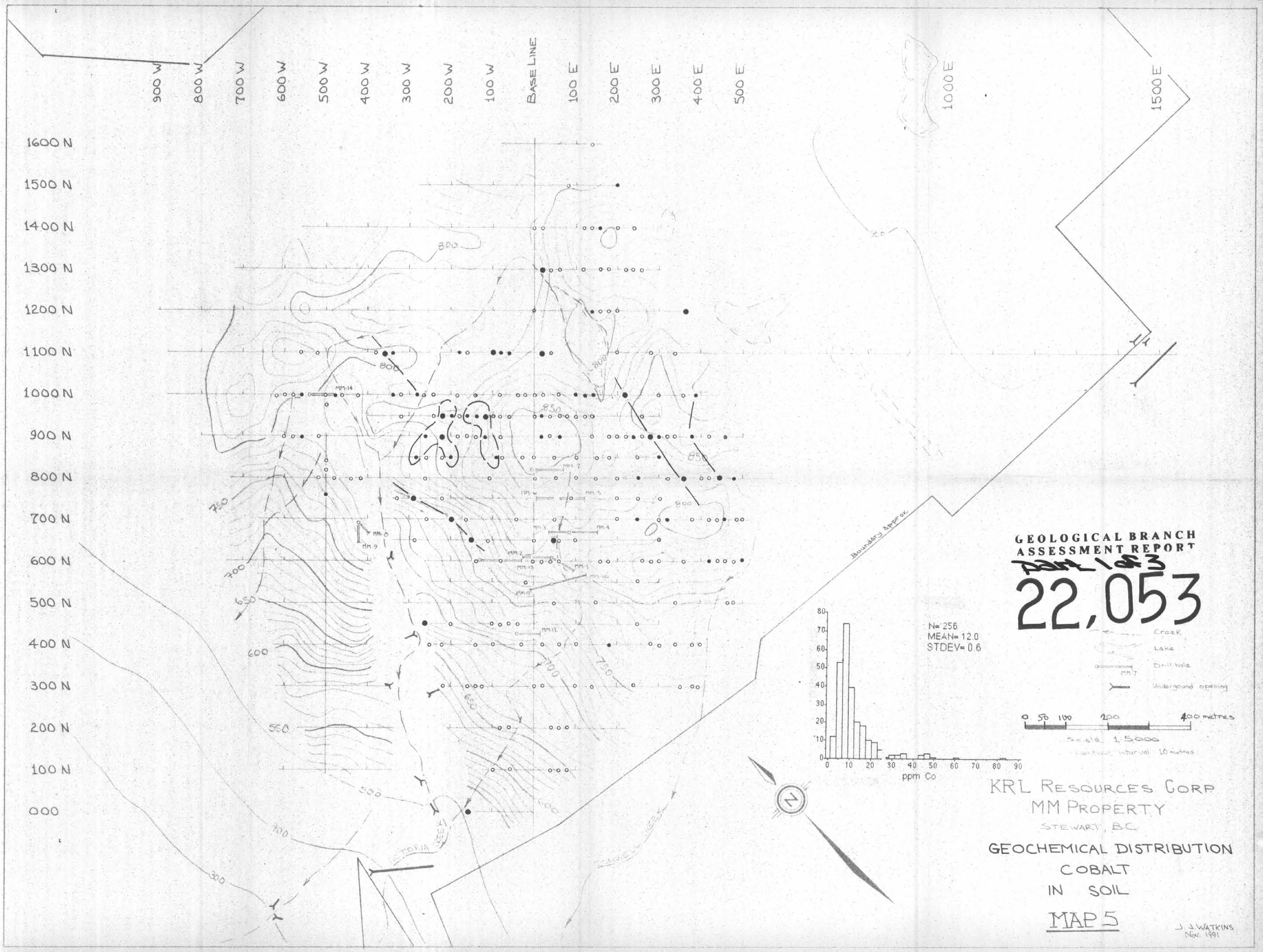
900 W
800 W
700 W
600 W
500 W
400 W
300 W
200 W
100 W
BASE LINE
100 E
200 E
300 E
400 E
500 E
1000 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N
700 N
600 N
500 N
400 N
300 N
200 N
100 N
000
800
850
750
700
650
600
550
500
400
300
MM-14
MM-8
MM-9
MM-2
MM-12
Boundary approx
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
Frequency distribution of Au in soil
N= 256
MEAN= 16.2 ppb
STDEV= 20.3ppb
ppb Au
0 25 50 75 100 125 150 175 200 225 250
< 25 ppb Au
25 to 35 ppb Au
> 35 ppb Au
0 50 100 200 400 metres
Scale 1:5,000
contour interval 10 metres
KRL RESOURCES CORP
MM PROPERTY
STEWART, B.C.
GEOCHEMICAL DISTRIBUTION
GOLD
IN SOIL
MAP 2
J. J. WATKINS
Nov. 1991



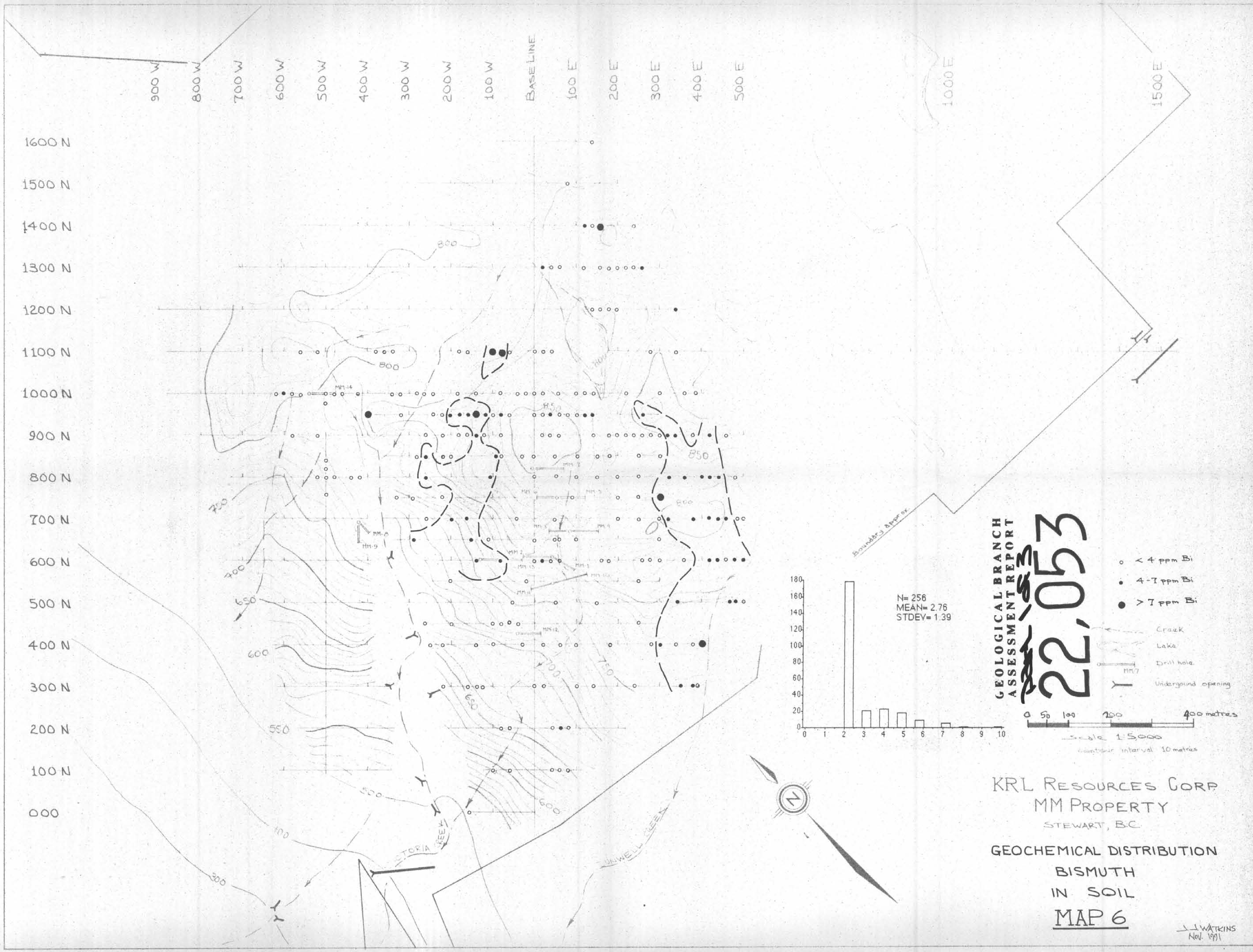
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
900 W
800 W
700 W
600 W
500 W
400 W
300 W
200 W
100 W
BASE LINE
100 E
200 E
300 E
400 E
500 E
1000 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N
700 N
600 N
500 N
400 N
300 N
200 N
100 N
000
As
N= 256
MEAN= 92.45
STDEV= 173.91
ppm As
< 100 ppm As
100 - 230 ppm As
> 230 ppm As.
Creek
Lake
Drill hole
Underground opening
0 50 100 200 400 metres
Scale 1:5,000
contour interval 10 metres
KRL RESOURCES CORP
MM PROPERTY
STEWART, B.C.
GEOCHEMICAL DISTRIBUTION
ARSENIC
IN SOIL
MAP 3
J. J. WATKINS
Nov 1991

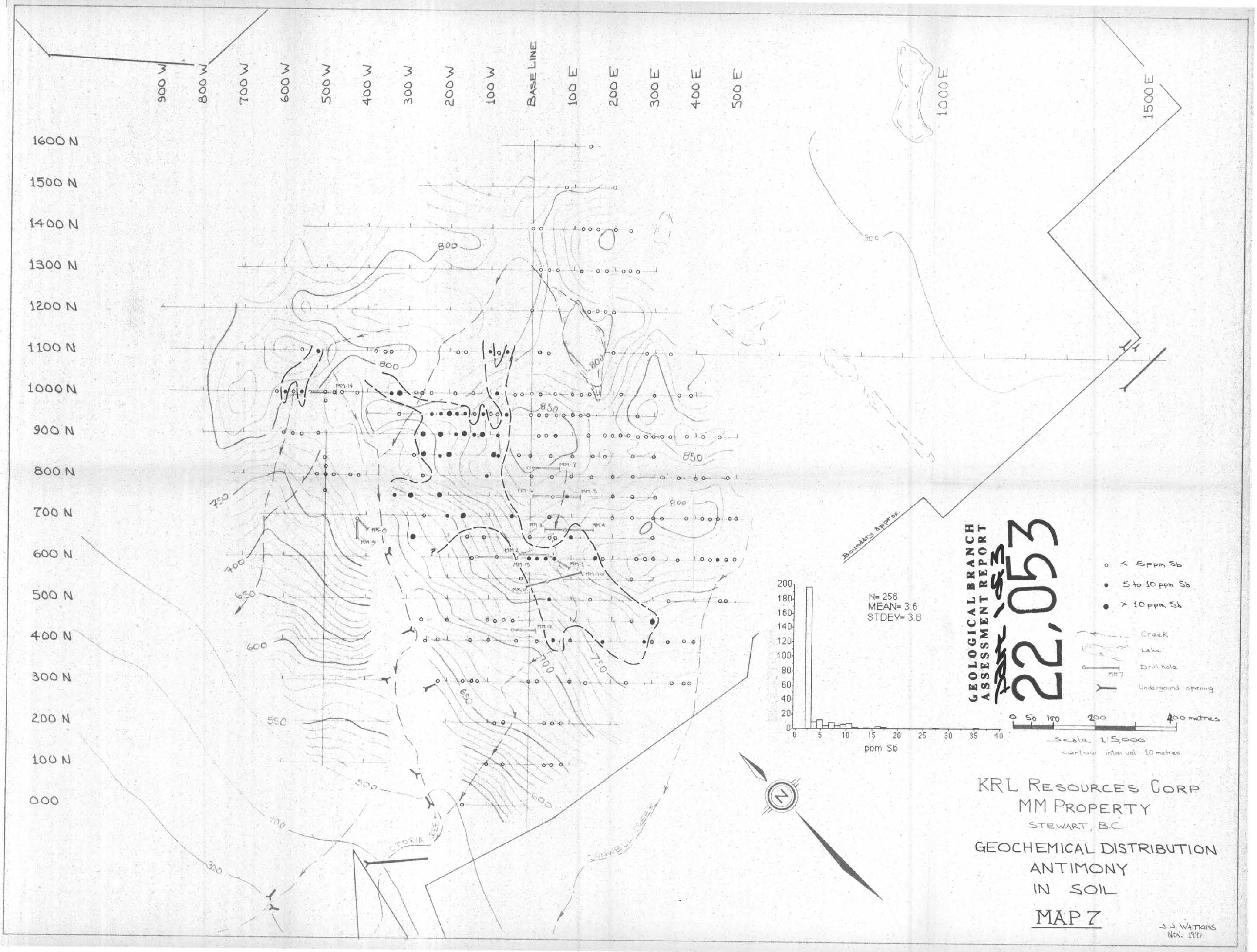


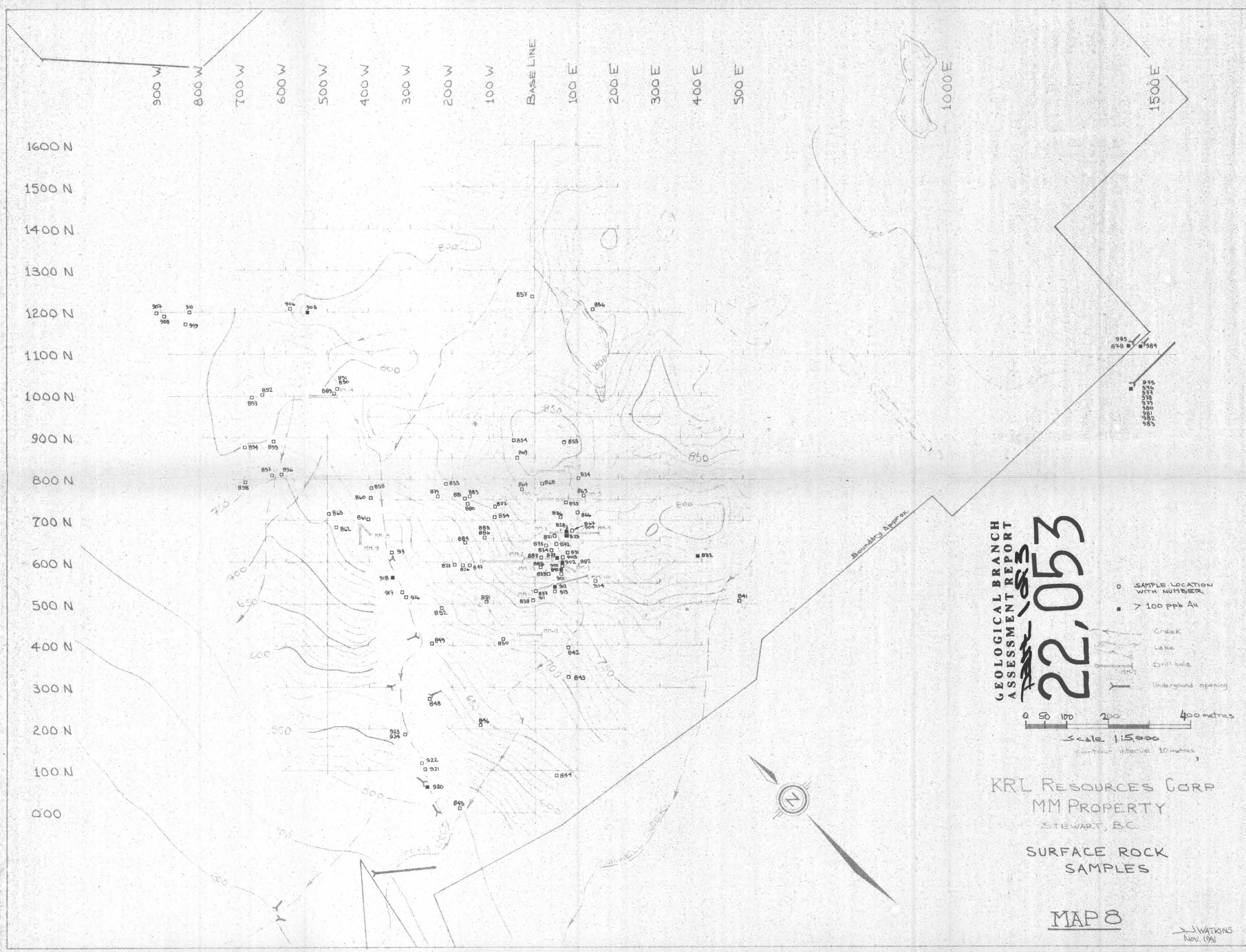
900 W
800 W
700 W
600 W
500 W
400 W
300 W
200 W
100 W
BASE LINE
100 E
200 E
300 E
400 E
500 E
1000 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N
700 N
600 N
500 N
400 N
300 N
200 N
100 N
000
Boundary approx.
VICTORIA CREEK
DUNWELL CREEK
N= 256
MEAN= 79.41
STDEV= 72.12
ppm Cu
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
o < 100 ppm Cu
• 100–200 ppm Cu
• > 200 ppm Cu
Creek
Lake
Drill hole
Underground opening
0 50 100 200 400 metres
Scale 1:5,000
contour interval 10 metres
KRL RESOURCES CORP.
MM PROPERTY
STEWART, B.C.
GEOCHEMICAL DISTRIBUTION
COPPER
IN SOIL
MAP 4
J. J. WATKINS
Nov. 1991



900 W
800 W
700 W
600 W
500 W
400 W
300 W
200 W
100 W
BASE LINE
100 E
200 E
300 E
400 E
500 E
1000 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N
700 N
600 N
500 N
400 N
300 N
200 N
100 N
000
Boundary approx.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
N= 256
MEAN= 12.0
STDEV= 0.6
ppm Co
Creek
Lake
Drill hole
Underground opening
0 50 100 200 400 metres
Scale 1:5,000
Contour interval 10 metres
KRL RESOURCES CORP
MM PROPERTY
STEWART, B.C.
GEOCHEMICAL DISTRIBUTION
COBALT
IN SOIL
MAP 5
J. J. WATKINS
Nov. 1991


900 W
800 W
700 W
600 W
500 W
400 W
300 W
200 W
100 W
BASE LINE
100 E
200 E
300 E
400 E
500 E
1000 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N
700 N
600 N
500 N
400 N
300 N
200 N
100 N
000
Boundary approx.
N= 256
MEAN= 2.76
STDEV= 1.39
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
< 4 ppm Bi
4-7 ppm Bi
> 7 ppm Bi
Creek
Lake
Drill hole
Underground opening
0 50 100 200 400 metres
Scale 1:5,000
Contour interval 10 metres
VICTORIA CREEK
UNWELL CREEK
KRL RESOURCES CORP
MM PROPERTY
STEWART, B.C.
GEOCHEMICAL DISTRIBUTION
BISMUTH
IN SOIL
MAP 6
J. J. WATKINS
Nov. 1991


900 W
800 W
700 W
600 W
500 W
400 W
300 W
200 W
100 W
BASE LINE
100 E
200 E
300 E
400 E
500 E
1000 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N
700 N
600 N
500 N
400 N
300 N
200 N
100 N
000
Boundary Approx.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
N= 256
MEAN= 3.6
STDEV= 3.8
ppm Sb
< 5ppm Sb
5 to 10 ppm Sb
> 10 ppm Sb
Creek
Lake
Drill hole
Undergound opening
0 50 100 200 400 metres
Scale 1:5,000
contour interval 10 metres
KRL RESOURCES CORP
MM PROPERTY
STEWART, B.C.
GEOCHEMICAL DISTRIBUTION
ANTIMONY
IN SOIL
MAP 7
J. J. WATKINS
NOV. 1991


900 W
800 W
700 W
600 W
500 W
400 W
300 W
200 W
100 W
BASE LINE
100 E
200 E
300 E
400 E
500 E
1000 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
900 N
800 N
700 N
600 N
500 N
400 N
300 N
200 N
100 N
000
Boundary approx.
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,053
□ SAMPLE LOCATION WITH NUMBER
■ > 100 ppb Au
Creek
Lake
Drill hole
Underground opening
0 50 100 200 400 metres
Scale 1:5,000
contour interval 10 metres
KRL RESOURCES CORP
MM PROPERTY
STEWART, B.C.
SURFACE ROCK SAMPLES
MAP 8
J. WATKINS
NOV. 1991