

84-#616-12749

8/85

DIAMOND DRILLING ASSESSMENT REPORT

on the

TOP PROPERTY

(TOP & BOTTOM CLAIMS)

MCINTYRE LAKE

VERNON MINING DIVISION, B.C.

**GEOLOGICAL BRONCH
ASSESSMENT REPORT**

12,749

NTS: 82L/2E
Latitude: 50°04' North
Longitude: 118°33' West
Owner: Brican Resources Ltd.
Operator: Kerr Addison Mines Limited
Author: A. D. Clendenan
Date: June 15, 1984

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INTRODUCTION

During the period January 9 to February 2, 1984 Kerr Addison Mines Limited diamond drilled 783.0 meters in 11 NQWL holes on the Top Property in the Monashee Pass area of the Vernon Mining Division, B.C.

The programme was designed to test gold and silver mineralization intersected by Brican during their July and August 1983 diamond drilling programme.

ABC

LOCATION, ACCESS, TOPOGRAPHY

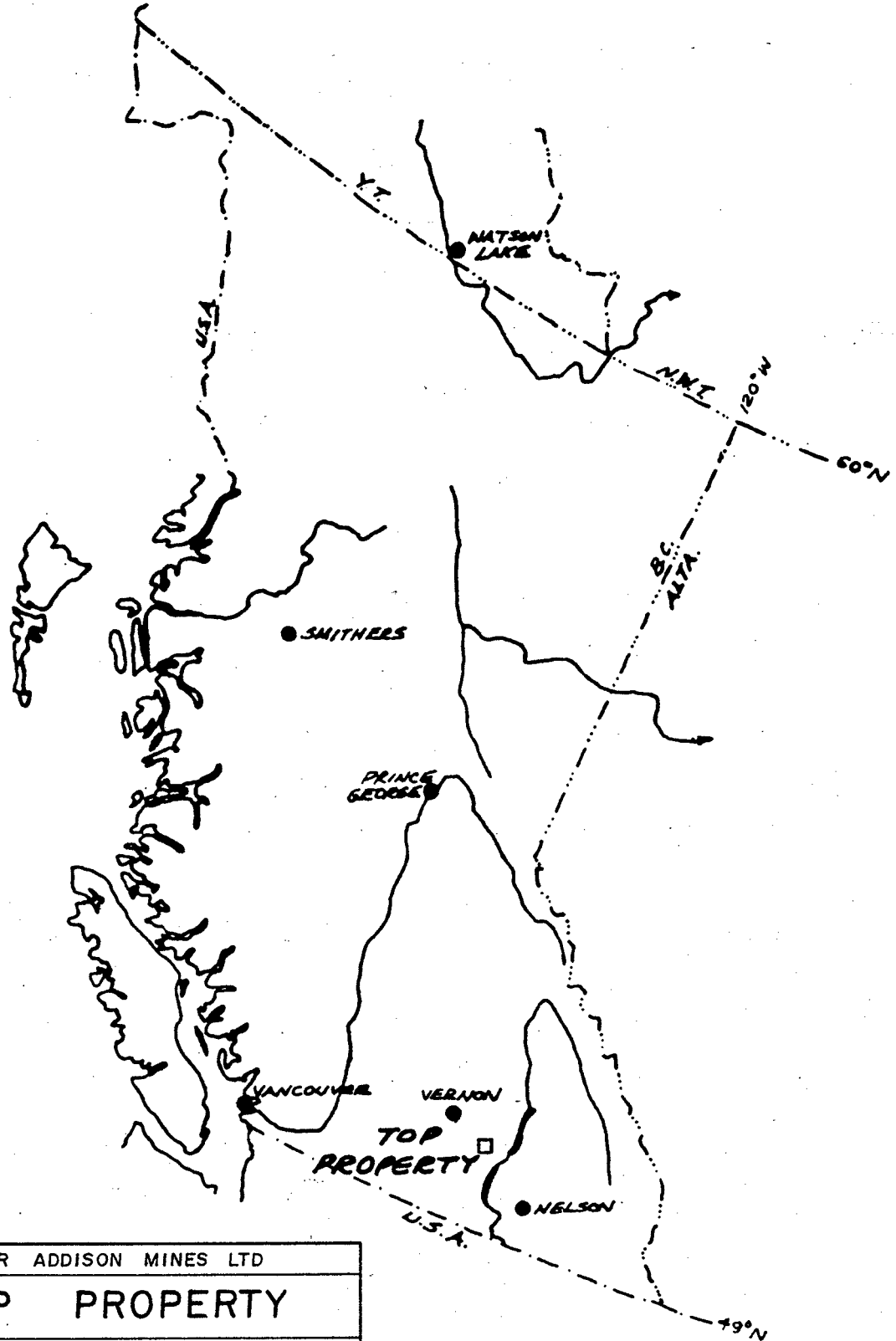
The TOP property is in the Monashee Mountains, 4 km southwest of Monashee Pass and astride McIntyre Creek and Highway 6 (Figures 1 ,2 and 3), in the Vernon Mining Division.

The National Topographic System map reference is 82L/2E and the co-ordinates of the showings are 50°04.3' North and 118°32.8' West.

Elevations on the property in the area of the drill programme range from 1150m at McIntyre Creek to 1260m on the bench above the trenched area. The topography has a moderate to steep southeast slope down to McIntyre Creek which is in a narrow 100m to 200m wide valley.

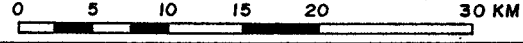
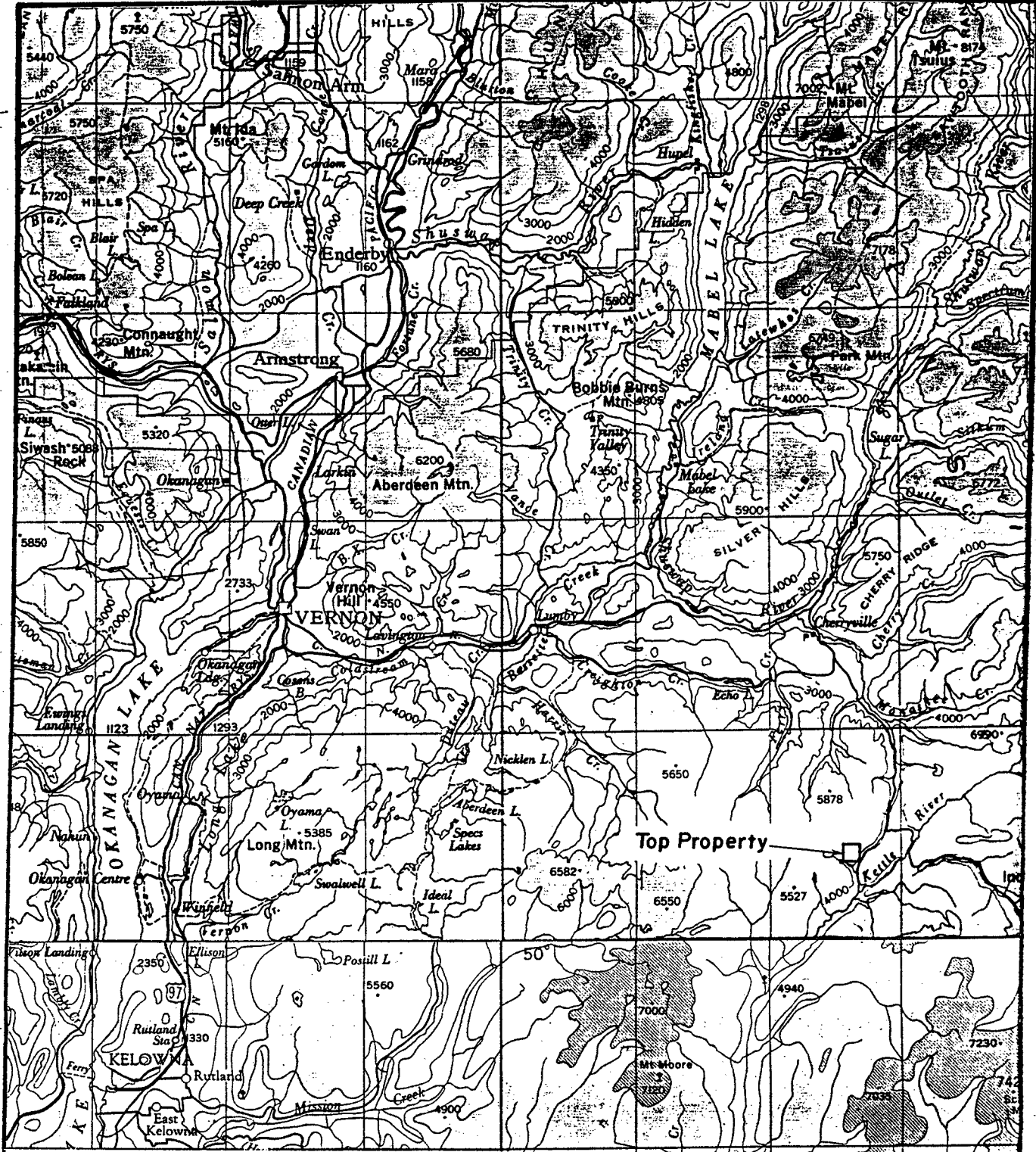
Good access is provided by Highway 6 from Vernon, a distance of 80 km to the west. The community of Cherryville is 30 km towards Vernon on Highway 6.

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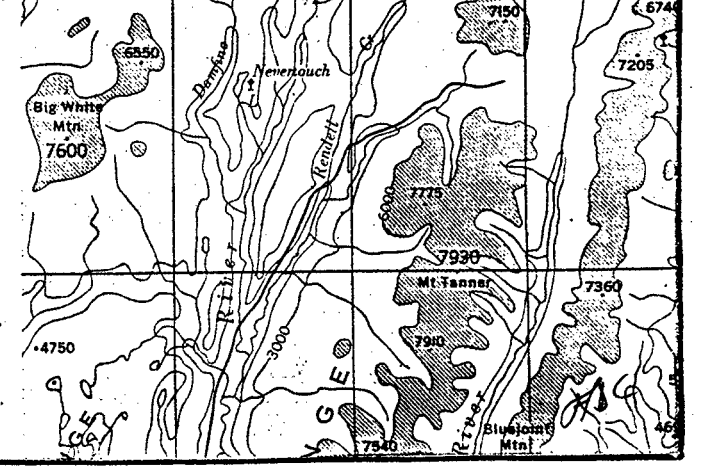


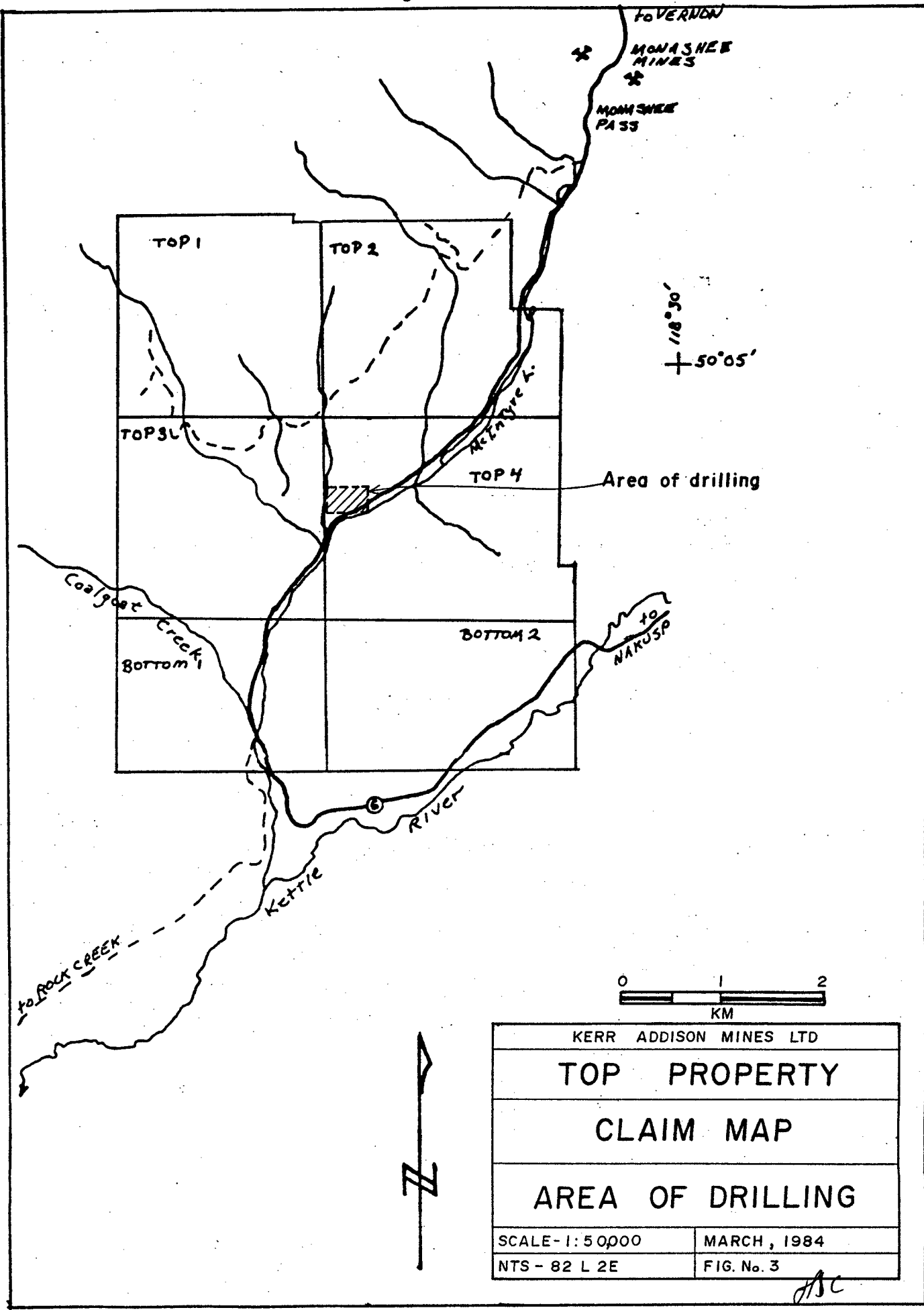
KERR ADDISON MINES LTD	
TOP PROPERTY	
LOCATION MAP	
MARCH, 1984	DATA - Brican Resources.
NTS - 82 L 2E	FIG. No. 1

ABC



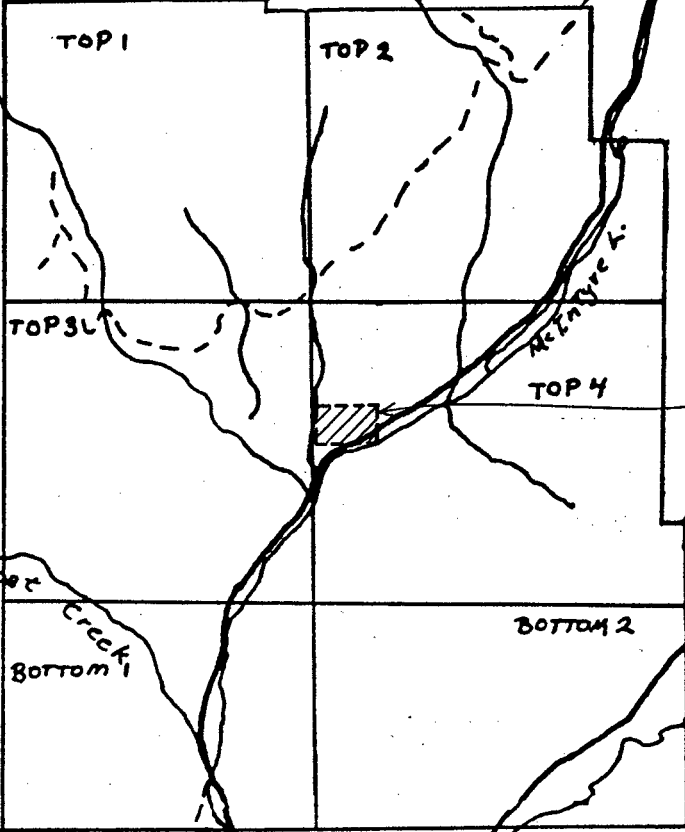
KERR ADDISON MINES LTD	
TOP PROPERTY	
LOCATION MAP	
SCALE 1 inch = 8 miles	
1:506 880	
MARCH, 1984	DATA - Brican Resources.
NTS - 82 W	FIG. No. 2



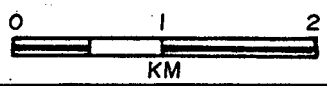


TO VERNON
 * MONASHEE MINES *
 MONASHEE PASS

118°30'
 +50°05'



Area of drilling



KERR ADDISON MINES LTD	
TOP PROPERTY	
CLAIM MAP	
AREA OF DRILLING	
SCALE - 1:50,000	MARCH, 1984
NTS - 82 L 2E	FIG. No. 3

ABC

PROPERTY

On August 11, 1983 the 20 pre-existing two post Top and Bottom claims were abandoned, subject to Section 28 of the Mineral Act, and relocated as the TOP 1 to 4 and BOTTOM 1 and 2 claims under the modified grid system, (see Figure 3).

<u>Claim Name</u>	<u>Units</u>	<u>Record Number</u>	<u>Expiry Date</u>	<u>Registered Owner</u>
Top 1	16	1563	August 17, 1987	Brican Resources Ltd.
Top 2	20	1564	August 17, 1987	Brican Resources Ltd.
Top 3	16	1565	August 17, 1987	Brican Resources Ltd.
Top 4	20	1566	August 17, 1987	Brican Resources Ltd.
Bottom 1	12	1567	August 17, 1988	Brican Resources Ltd.
Bottom 2	15	1568	August 17, 1988	Brican Resources ltd.

The ownership of the TOP claims is subject to an agreement, dated November 12, 1980, between J.E. Irwin, acting for himself and A.D. Irwin, and Brican Resources Ltd. The BOTTOM claims are beneficially owned by Brican Resources Ltd..

The ownership of the Top Property (Top 1 to 4 and Bottom 1 and 2 claims) is also subject to an agreement dated November 30, 1983 between Brican Resources Limited and Kerr Addison Mines Limited.

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HISTORY

In the late 1960's Alf Brewer of Vernon staked the DUCE group over the showings and did minor bulldozer trenching.

In 1973, New Cinch Uranium carried out a programme of backhoe trenching, sampling and about 1000 feet of diamond drilling in 5 holes. New Cinch dropped their option in 1974.

In 1980, Brican Resources acquired an option on the TOP claims and from 1980 to 1983 carried out trenching, geological mapping, rock and soil sampling, limited geophysical surveys, backhoe trenching, and 323.7 meters of NQWL diamond drilling in 8 holes.

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DIAMOND DRILL PROGRAMME

Between January 12 and February 1, 1984, a programme of exploration diamond drilling was conducted on the TOP property. Eleven holes totalling 783.0 meters were completed.

The location of the holes is shown on the accompanying plan (Figure 4) and tabulated below.

TOP PROPERTY

82L2E			NQ DRILL HOLE DATA			
HOLE NO.	1983 Grid, Line S	Meters. STA. W.	BRG	DIP	Length Meters	Collar Elev. Meters
84-9	2+25.7 S	1+44 W	064	-47	44.2	1219.9
84-10	2+25.2 S	1+45 W	064	-75	38.4	1219.9
84-11	2+22 S	1+71 W	055	-63	57.0	1228.2
84-12	2+22 S	1+72 W	-	-90	92.3	1228.2
84-13	2+21 S	1+70.5 W	030	-53	68.3	1228.2
84-14	1+80 S	1+75 W	070	-50	81.4	1260.7
84-15	1+80 S	1+74 W	-	-90	90.2	1260.7
84-16	1+60 S	1+25 W	070	-65	78.3	1260.7
84-17	1+60 S	1+30 W	-	-90	78.0	1260.7
84-18	2+19 S	2+43 W	070	-47	107.3	1214.5
84-19	2+26 S	1+49 W	112	-49	47.5	1220.2

All the holes were collared on the TOP 4 claim.

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Project supervision on behalf of Kerr Addison Mines Ltd., was carried out by the writer.

J.T. Thomas Diamond Drilling (1980) Ltd. of Smithers, B.C. was contracted to carry out the NQWL drilling using a Longyear 38 drill rig.

Core logging and splitting was carried out primarily by A.E. Heagy, Geologist.

Assaying and geochemical analysis of core samples were performed by Chemex Labs Ltd. of North Vancouver, B.C.

The drill logs, complete with assay and analysis results are attached as Appendix 1.

The drill core is stored on the Top 3 claim, about 125 meters southwest of DDH 84-18. The core is covered and stored with the 1983 drill core.

GEOLOGY AND MINERALISATION

Most of the property is underlain by relatively fresh, unaltered granite to granodiorite of the Jurassic Nelson Batholith.

The granodiorite is cut by a north-north east trending shear zone which dips 30° to the west.

Within the shear zone and extending into the hanging wall of the shear zone is a series of variably carbonate altered lamprophyre dykes.

Gold and minor silver mineralization occurs in the intensely carbonate altered lamprophyre dykes where they intersect the altered shear zone.

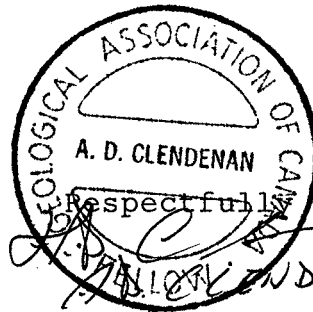
The 1984 drilling programme was designed to test the intersection of the dykes with the downdip extension of the shear zone.

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CONCLUSION

The shear zone does not continue strongly down dip, or to the north.

The mineralized zone appears to extend at most 30 meters down dip at 30° to the west, 50 meters along strike to the north, and has a true thickness up to 15 meters, with a bulbous base and top. This pod shaped body extends out into free air to the south above Highway 6.



Respectfully submitted,

A. D. Clendenan,
P. Geol.(Alta), F.G.A.C.

Vancouver, B.C.
June 15, 1984

ABC

REFERENCES

- Chisolm, E.O. (1968-74) Private Reports
- - - (1974) Diamond Drill Report on GOLD
and TOP Claims, Assessment
Report 4946
Daughtry, K.L. -- Private Reports
- - (1973) Report on GOLD and TOP
Mineral Claims, Vernon, M.D.,
for New Cinch Uranium Ltd.
- - (1977) Report on the GOLD Property,
Vernon M.D., for New Aston
Resources Ltd.
- - (1984) Diamond Drilling Assessment
Report on the TOP Property,
for Brican Resources Ltd.
B.C. Ministry of Mines (1973) pp 98-99 TOP
- - (1974) pp 88-89 TOP
Gilmour, W.R. (1981) Geochemical Assessment Report
on the TOP Property
- - (1982) Geological & Geochemical
Report on the TOP Property
- - (1983) Geophysical Assessment
Report on the top Property
Jones, A.G. (1959) Vernon Map Area, G.S.C.
Memoir 296
Mitchell, M.A. (1977) Report on GOLD Mineral
Claims, Vernon M.D.
Okulitch, A.V. G.S.C. Open File 637

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ITEMIZED STATEMENT of COSTS

DIAMOND DRILLING

J.T. Thomas Diamond Drilling (1980) Ltd

Invoice 84-1,

2569 feet (783.0 M) @ \$26/ft

\$66,794.

WAGES

Core logging and Supervision

A. D. Clendenan. Project Geologist

Jan 3,4, 9 to 20, 22 to 31,
Feb 1,2, 1984

26 days @ \$175/diem \$4550

Core logging and Core splitting

A.E. Heagy . Geologist

Jan 9 to 31,
Feb 1, 2, 1984.

25 days @ \$115/diem \$2875

Report writing and Data Compilation

A. D. Clendenan 5 days @\$175/diem \$875

P. Hailiot 2 days @\$115/diem \$230

\$8530

\$8,530

FOOD and ACCOMMODATION

Jan 9 and Feb 2
25 days for 2 persons
@\$49.40/day

\$2470.

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TRANSPORTATION

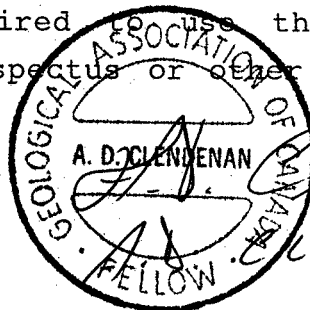
Truck rental and fuel Jan 9 to Feb 2	\$1807.	
Airfare:		
Vancouver to Kelowna Jan 9, 1984 2 persons	\$162.	
Kelowna to Vancouver Feb 2, 1984 2 persons	\$162	
Shipping: 5 samples shipments Vernon to Vancouver	\$311	\$2442
<u>Assay and Pulverize</u>		
Core Samples for Au and Ag 301 samples x \$12.83 each		\$3861.
<u>Rental of Core Splitting and Storage Room</u> Jan to June 9, 5 months @\$100/month		\$ 500.
<u>Core Splitter</u> Service and Repairs		\$ 153.
<u>Field Supplies and Consumables</u>		\$ 155.
<u>Telephone</u> January, February 1984		\$ 348.
	TOTAL	<hr/> \$85,253.

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Statement of Qualifications

I, Arthur David Clendenan, with a business address of 703 - 1112 West Pender Street, Vancouver, B.C., V6E 2S1, do hereby certify that:

1. I am a Professional Geologist, registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta since 1975.
2. I am a Fellow of the Geological Association of Canada (1981).
3. I am a graduate of the University of Alberta with a B.Sc. degree in Geology (1973).
4. I have been engaged in mineral exploration in Western Canada and South America since 1970.
5. This report is based on personal examination and supervision of field work carried out between January 9 and February 2, 1984.
6. I am employed by Kerr Addison Mines Limited as a Project Geologist, based in Vancouver.
7. Written permission is required to use this report or any part of it in a prospectus or other statement of material facts.



A. D. Clendenan
P. Geol. (Alta) F.G.A.C.

Vancouver, B.C.
June 15, 1984.

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APPENDIX I

Diamond Drill Logs

ABC

N.T.S. MAP GRID: 82 L 2 E

KERR ADDISON MINES LIMITED

core split 8.2-28.3 m shipped w RAD.
39.5-39.8 m HOLE No.: 84-9

LOCATION: Monashee Pass
DATE COLLARED: 12/01/84
DATE COMPLETED: 13/01/84

BEARING: 064°
LENGTH: 44.2 m (145 ft)
DIP: 47°

LATITUDE: 2+26 S
DEPARTURE: 1+44 W
ELEVATION: 1219.9 M.

PROPERTY: TOP Claims (Brican)
CORE SIZE: HQ WL
SCALE OF LOG: metric

SHEET No.: 1 of 4
LOGGED BY: ADC/AEH
DATE: Jan 13/84

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyr.	METER BLOCKS	% EST. CORE REC.	ASSAY							
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb
Casing 0-6m core photo Box 1-4 5- all done																											Chemex assay certificates A 8410175-001 A A 8410228-001 A							
6.1-8.2 Granite, Weathered, Biotite → Chlorite sharp contact with lamprophyre.	30		3						8		40	20					10								6.1	15	8.2							
8.2-8.3 L.D. Type 1 - as 8.5-9.1 - green			45																								8.2							
8.3-8.4 Granite, weathered, saussuritized - Reheal F.	30		2														10		Tr						8.2		8.4	251C	.005		.50			
8.4-9.1 L.D. Type 1: Green gray. Slightly weathered. 1/2 mm calcite veinlets. Probably LD2. etc			2						9								10										9.1							
9.1-10.15 Granite, Alteration increases from slight K-spar altin to strongly bleached, calcite-day altin.	30	0	3					40			35	25					10		Tr	0					8.5		9.9	252C	.012		.05			
9.9 1cm wt qtz vein in crushed granite								60	2-10																		10.15							
10.15-10.9 L.D. Type 3: Gray. Brecciated, 1-2mm qtz-py veinlets (5%)	40	5	2								35		0	10	Tr		5	10							10.4		10.9	253C	.316		.26			
lower contact sharp 50° limonite stained																																		
10.9-12.0 Granite, Upper 5cm bleached gray-green. Middle 40cm + stained orange-brown. Lower section increasingly bleached, clay altin towards lower contact. Lower contact sharp 80° laminar fabric.	30	3	2						11		40	10				5	10		0-10								12.0							
12.0-13.0 L.D. Type 3: Gray similar to 10.15-10.9; ~5% wt to dark gray qtz-v.f. pyrite veinlets generally at 60° N2-3NH	15	?	2										0	15	0	5	15											13.0						
lower contact 1cm clay gouge									13																									

LD1 = Fresh lamprophyre Dyke - Green. LD2 - Weakly altered Dyke Green Gray. LD3 - Moderately altered Dyke Gray Green. LD4 - Strongly Carbonate altered Lamprophyre Dyke Dusky gray color.
 6D = Grandiorite ; u = unshaded; less than 20 fractures/meter, unaltered ; 6DS = Grandiorite sheared.

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC.	A S S A Y								
																										SAMPLE No. 13.0	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb	
13.0-13.3 Granite, Gray-white, strongly bleached, clay-ser altin	30	15	1					13		10		0		25	0			20								84256C 13.3	.036		.16					
13.3-14.7 LD Type 3-9, Gray, 13.4-13.45 granite as in 13.0-13.3 LD is similar to 12.0-13.0 but more intensely brecciated/crushed; darker gray colour and no green mica.	10	20	2					14				0	15	10	0	0		20			5			13.7		84257C	.140		.26					
14.6-14.7 Black gouge - graphitic																																		
14.7-15.1 Granite, Gray-white, bleached highly altered, crushed contact clay slip.	35	10	1					15		10				25				20			5					84258C 15.1	.150		.13					
15.1-17.0 LD - Type 3, Gray, 15.3-15.37 gray clay gouge. Dyke similar to 12.0-13.0.	10		2					16						15	5	15				2				99		84259C	.030		.08					
16.5-17.0 darker gray, more sulfides Type 4? lower contact crush zone.								17																										
17.0-18.5 Granite, bleached gray intensely altered as in 14.7-15.1			1					18																			84261C	.036		.01				
18.5-20.6 L.D. Type 3-2, Gray Similar to 12.0-13.0; alteration brecciation decreases down hole; fewer ventets than 12.0-13.0 Very slight decrease in alteration or brecciation down hole. Sample split at 19.5 is arbitrary +2	10	15	2					19				10	10		5	5	10							99		84262C	.108		.35					
								20																			84263C	.003		.05				

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure -Meters Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY						
																								SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm
27.0-31.0 Granite. Pink to green ~30 fractures/m chlorite ~20 fractures		3					27															99	84270C	.014		.10				
							28																99	78.3 84350C 29.2	<.003		.01			
31.0-31.5 Granite. slightly crushed	5	2					30															29.2	99	84351C 30.9	<.003		.01			
31.5-39.3 Granite. Relatively fresh ~ 15-20 fractures/meter		3					32																99	84352C 32.6 34.1 35.7	<.003		.01			
Plot of cross section looks like Gds → Gd unsheared should be at 33M							39																99							
39.3-39.5 Granite. Intensely bleached, py.	30	2							40				15	Tr		10							99	39.5						
39.5-39.8 Pink Kspar vein	80		1?																				99	84300C	.003		.08			
39.8-41.2 Granite. as 31.5-31.3							40																99	39.8						
41.0-41.05 slightly silicified granite																							99							
41.9 1cm gray clay-pyrite gouge							42																99							
42.5 1cm Qtz vein/crush zone w diss pyrite → 15																							99							
43.0 fracture w chl, 1mm pyrite.						15																	99							
44.2 END OF HOLE																							99	44.2	EOH					

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y								
																										SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb	
27.1 - 27.55 Granite, Crushed & Mineralized Clay - pyrite - crushed gr gouge ~10°	20	1						27		5				10				50			75					27.1 84291C 27.55	.056		.14					
27.55 - 27.7 Granite, Greenish gray bleached, weakly mineralized. Contact Sharp 60°	40	2	60					28		40				10				5			5													
27.7 - 34.0 Granite - Pink + green Color index 15. green = chlorite 10% pink = k feldspar 10%	25	3					70 5	29		10			15	10				1		5	2	2			99	84292C 29.0	4.003		.02					
Medium Grained - 2-3 mm. End Gds at 34.0 M							70	30																296										
		5						31																										
								32																	99									
33.45 - 33.5 Qtz k feldspar dyke. ~65°	80							33		20														32.6										
Note: Hole left at 33.5 m overnight (bit worn out + no new one on site, repair Hyd. ram shr. Cave from 33.5 m - 40cm gouge in box. do not split.								34																335	99									

AC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure - Meters Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY																	
																								SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb										
							12																85																		
14.0-22.0 Granite. Green + Grey Less fractured than 6.8-14.0. 10-50 fractures/m. CI Mafics altered to chlorite, 15% pink Kspat	30	3					14	45	10	9				5	1								14.0	98																	
							16																15.5	98																	
							18																17.1	98																	
NB! 20% recovery 17.1-20.4 metres							20																	20																	
							22																20.4	20.4																	
Contact sharp + 5cm breccia/slip @ 30°							22																		84298C																
22.0-22.8 LD 2, Gray-green, 12% wt veins, 50% calcite, 50% qtz. Biotite largely altered to chlorite. 15% "fizz"	10	5	2				22	45	10				30	7r										98	84299C																
Core ground off at base of dyke							23																																		
23.0-23.5 GD - 20cm pink "Kspar haloes at both contacts"		3																																							
23.5-23.8 LD 2 as 22.0-22.8		2																						235	23.5																
23.8-24.7 Granite. 30cm pink Kspar zone at contact.		3					24																		84301C																
																										84302C															

Handwritten signature or initials.

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure - Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	% EST. CORE REC	ASSAY										
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb			
GD: Gray, Fresh, CI 15-20 fractures/metre, med-gr.	30	3							24		15	10		10			5		Tr							98	84303C	<.003		0.01							
24.7-25.3 LD 2 as 22.0-22.8				?					25																	98	24.7										
									25																		84304C	<.003		0.04							
25.3-33.5 GD, Gray, Fresh, CI 15-20.	30	3		90°					26		40	10		15		5			Tr							25.9	84305C	<.003		0.04							
25.9-26.0 Mixed GD + LD 2 gravel									26																												
									26																		98	26.8									
									27																		27.4										
									28																												
									28																		99										
									29																		29.6										
									30																												
31.0-31.4 Pink Kspar alt'n. hematite-py on fractures	35	3							31		20	30		5		10				Tr		Tr					90	31.6									
31.8-32.6 highly fracture gd.									32																		32.6	84306C	<.003		0.02						
									32																			32.6	32.6								
									33																												
20cm pink Kspar halo. 2cm crushed alt'd gd at contact Contact @ 45°		3							33																												
33.5-34.25 LD 1-2. Similar to 22.0-22.8 on 1% calcite (-) Qtz (1) Chl (5%) veinlets (1.5-3mm) @ 45°	10	Tr	3	45					34		50		20		20						Tr						99	33.5									
									34																			84308C	<.003		0.04						

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N.T.S. MAP GRID: 82 L 2 E

KERR ADDISON MINES LIMITED

LOCATION: Monashee Pass

BEARING: —

LATITUDE: 2422 S

PROPERTY: TOP Claims (Brican)

HOLE No.: 84-12

DATE COLLARED: 13:30 16/1/84

LENGTH: 92.3m (303')

DEPARTURE: 172 W

CORE SIZE: HQ WL

SHEET No.: 1 of 9

DATE COMPLETED: 1600 18/1/84

DIP: -090°

ELEVATION: 1228.2 M

SCALE OF LOG: METRIC

LOGGED BY: ADC/AEH

DATE: Jan 16, 17/84

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyr.	METER BLOCKS	% EST. CORE REC	ASSAY							
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb
0-3.1 m Casing core photo Box 1-4 done 5-8 done 9-12 done 12-16 done. Twice									0 1 2																			Chemex assay Certificate A8410 190 001 A A8410 228 001 A						
3.1-6.8 G.D. Weathered, Fractured Sausurite ~ 10% pink Kspar			30	3					4			10					12	5							3.1	70								
G.D = Granodiorite									6																4.3	50								
6.4-6.8 chlorite-sericite altm									8																6.4	95								
6.8-14.0 G.D. Gray, Fresher than 3.1-6.8. 15-30 fractures 1metre, Calcite-chlorite on fractures, Matrix ~ 80% altm to calcite CI 15. ~ 15% pink Kspar.			30	3					10			5	3				12	7							7.6	90								
									12																9.4	90								
																									11.0	90								
																										90								

ADC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Angrite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY						
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm
25.0 - 25.6 LD 2. DK green-gy 15% fizz', 1% fine diss py.	10	5							25		44		10									1			99	84326C 25.0	<.003	0.02					
25.6 - 26.5 Poor Recovery 20 cm of Gd Gouge greenish gray.	30	5	0						26		20				20	5			20						No Block → 25.9								
26.5 - 26.7 Gray silicified zone 12% py 20 mm.	80	0	3						27						10	5						2			26.5	84327C 26.5	<.003	0.04					
26.7 - 32.0 GD, Pink + green.																										84328C 27.0	<.003	0.06					
CI 15, less sheared than. 14.0 - 25.0 otherwise similar.	30	2	3						28		42	10	7			8		Tr	Tr						99	84329C 28.5	<.003	0.04					
									29																								
									30																29.6	84330C 30.0	<.003	0.06					
									31																99								
									32																32.0								
32.0 - 43.4 GD. Gray, V. fresh 'tomestone', CI 12, Biotite slightly chloritic. Fresh white Kspar, no pink Kspar except as 1cm bands (15%).	30	0	3						34		15	10				2		Tr															
15 fractures 1metre. Calcite, on fractures.																									34.4								
84331c is 84-11 35.4 → 35.9. - J&C ABH									36																35.7								

J&C

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y										
																										SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb			
																								37.8	99											
37.8- Change bit. 20 cm of cave gd not for sample.																								38.1	95											
																								41.1	99											
42.6-43.3 - 80% recovery in clay slip gdu zone. 5% clay in zone																								43.3	90	42.6 84332C	<.003	0.02								
43.4-64.5 GD, slightly chloritic and weakly sheared relative to 32.0-43.4. CI 15	30	0	3								5		10		5									44.2	85											
																								45.4	95											
																								46.9	99											
																								48.8	90											

JAC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY								
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb	
64.5-68.85 GD, Green + pink chloritic, CI 15. Alteration + shearing more intense	30		2						64			35	15	5		15					TR				64.9		64.6	84334C	<.003	0.01					
65.0-65.2 Pink Kspar vein then 43.4-64.5 but much less intense than 68.85 to 74.9. 15% pink Kspar.			3						65																99		64.9	84335C	<.003	0.01					
									66																66.1		67.0	84336C	<.003	0.01					
see 68.85 - 5cm orange Kspar bands at upper + lower contacts Centre of zone is highly sheared, alt'd greenish gray gd with ~75% dk gray clay - v.f. sulfide gouge. Fabric 60 to 90°									67																99		67.0	84337C	<.003	0.01					
									68																										
start of intense shearing 68.85-69.1 DK Gray Gouge description above			50																								68.8	84338C	<.003	0.01					
69.1-74.9 GDS, Green + Red	30	4										25	15		5	15			5	1					69.2		69.1	84339C	<.003	0.01					
69.45-69.5 Red Hematitic Gouge GDS, 5 to 2% Hematite, 5 to 20% Chlorite ~ 15% pink Kspar. fabric 50 to 90°																											70.0	84340C	<.003	0.01					
									71																99		71.2	84340C	<.003	0.01					

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY									
																								SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
71.0-71.2 DK green chloritic GDS 71.2-71.8 Med green-gray GDS, 15% chl, 20% sericite, 10, 23% extremely fine sulfide.	40	5	2				71						20	5		5									71.2	843410	.003		0.01				
72.5-72.6 rusty orange stained GDS							72																72.2		843420	<.003		0.02					
							73																99		73.5								
74.7-74.9 Rusty orange stained GDS END OF INTENSE SHEARING							74																		843430	<.003		0.01					
74.9-87.0 GD. weakly sheared, slightly chloritic. Similar to 43.4-69.5, 0-1% wt calcite veinlets to 5mm.	30	2	3				75	40	10	10			5										75.3		75.1	843440	<.003		0.01				
							76																										
							77																										
							78																			843450	<.003		0.01				

JSC

N.T.S. MAP GRID: 82 L 2 E

KERR ADDISON MINES LIMITED

PROPERTY: TOP Claims (Brican)

HOLE No.: 84-13 SHEET No.: 6 of 6

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Meters	Mineralization Type (6)	Albite	K-Feldspar	Analcite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC.	ASSAY						
																												SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm
66.0 - 68.3 Gdu. Grey. V. Fresh 10% pink Kspar. CI 18 Tomb stone. 5-10 Fractures/metre	30	0	3							66		2	10	5												97	66.7	2.003	0.01					
END OF HOLE 68.3m. 12 Boxes										68																								
Split core + logs Shipped to Chomer via Ace courier from Verna. 23/1/84. Shipmat #3 Weightbill 077176 - Ace Logs to be forwarded to R.A.D										70																								

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silice - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY							
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb
11.3-17.2 Gdn/s, Pink + green 15-30 fractures/metre plus locally sheared. Variable weak chl, ksp, alteration.	30	5							12		5														12.8	95	84465C 13.4	<.003	.01					
									14																14.3									
									16																	85		16.0						
16.4-17.2 moderate shearing + alteration.																									16.8		84466C	<.003	0.01					
17.2-21.0 Gdn. Fresh Gray "Tombstone" - CI 15 15-20 fractures/metre.	30		3						18		5	5				10										95	17.5							
																									18.9									
									20																	98								
																									20.4		20.4							
21.0-22.5 Gd. Fractured (20-50 f/m), weakly altered. CI 15	30		3						22		10	5				10										95	84467C	<.003	.01					
																												27.0						
22.5-23.0 Gd. Gray silicified / sericite zone																												84468C	<.003	.01				
23.4-23.45 Pinkish gray clay gouge 23.45-23.6 Gds Chloritic	1								24																23.5		23.5	<.003	.01					
																										90	84469C	.003	.01					
24.4-26.5-30-60 fractures/metre																											25.0							
									26																	65	84470C	<.003	.02					

26.5 26.5

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	% EST. CORE REC	A S S A Y						
																											SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm
26.5 - 28.7 20-30 Gd. fractured fractures/metre.									26															26.5	97	26.5							
28.7-28.9 gd. gravel									28															28.9	90								
30.7 3cm clay-gd crush 31.0 - 39.6 20-50 f/m									30															31.1	90								
									32															31.7	90								
									34															33.8	75								
									36															35.0	90								
									38															36.9	97								
39.6 - 42.5 10-20 Fractures/m.									40															37.5	65								
																								38.7	90								
																								39.3	90								

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	-Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y									
																											SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
									40																41.7	99										
42.5 - 45.0 Gdn. Gray Fresh 'Tombstone' CT 15	30	3							42		45	10														41.7	99									
									44																	41.8										
45.0 - 49.5 Gd. Pink green Weakly altered, slightly sheared. 2% calcite veinlet, 45.5 - 45.6 - Gy sil zone.	30	2							46		40	5														47.8	97									
									48																											
49.5 - 51.2 Gdn. Gray Fresh CT 15	30	3							50		45	10															99									
'Tombstone' 5-10 fracture/m. similar to 42.5 - 45.0																										50.9										
51.2 - 60.0 Gds. Gray. Fresh to weakly altered (Ksper - chl)	30	2	3						52		38	5															99									
30-50 fractures/metre. CT 15																																				
Similar to 45.0 - 49.5 but more fractured.									54																	53.0	99									

JAC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure -Meters Mineralization Type (6)	Albite	K-Feldspar	Anhydrite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	% EST. CORE REC	A S S A Y									
																										SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
63.8-64.8 Gdu Pink + green CI 10, slightly bleached.	30	3							64	45	15	5				10										99	84397C 63.8								
64.0-65.1 LD 2 DK gray, contacts 11el 50° slightly bleached, 50% fine to 2mm clasts	19	3	50						65			10			10	20						5					84398C 64.75	<.003		.02					
65.1-65.9 Gdsh Pink + green CI 10, similar to 63.8-64.8 but moderately sheared;	30	Tr	3						66	35	20	5				10											84399C 65.1	<.003		.02					
65.9-67.2 Pink Kspar - Qtz (9:1) Vein, upper contact 1cm shear @ 70° lower contact @ 5-10° True thickness of vein est. 25cm?	10	3							67															66.1		84400C 65.9	<.003		.02						
67.2-68.9 Gdu Pink + green CI 10, slightly bleached, 95% pink Kspar, as 63.8-64.8	30	3							68	45	15	5				10										95	84451C 67.2	<.003		.01					
68.8-68.9 Gd Kspar halo									69															68.6		84452C 68.8									
68.9-69.73 Gds, Bleached greenish-gray. CI 5, n 5% fine pyrite, n 5% qtz Veins at 60°, 1 to 15mm wide.	40	3			60°				70	30					10	10			5		5					98	84452C 69.66	.003		.02					
69.66-69.73 Gds and Black Pyrite? Bands - 5th-5th									70																	69.66 69.73	84453C 69.66	.003		.01					
69.73-70.0 LD3, Med Gray, contacts faults 25° n 15% v.f. sulfides, 2 X 5mm qtz:calc (4:1) veins 60°	10	30	3		60				70	15		0		30	Tr							15				70.0	84454C 70.0	.154		.04					
70.0-70.1 Bleached gy-wt gold crush with 1-2cm dk gy bands of 30% v.f. sulfides at both contacts									71																	70.2	84455C 70.2	<.003		.01					
70.1-70.5 Gds. Green chlorite CI 10																											84456C 70.7	<.003		.01					
70.5-70.7 Sheared gold with 10% hematitic Clay																																			
70.7-74.65 Gdu see next sheet.																																			

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anhydrite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY						
																									SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm
70.7-74.65. Gds. Pink green CI 10. 0.5% wt calcite venter (1mm) - 10 fractures/metre	30	1	3				71		40	15					15								71.6		84457C	<.003	.01				
73.4-73.4 Gds. Bl greenish gray CI 5, 3% py, (1-5mm), 12% v.v. fine gray sulfide (py-asp?). Contacts sharp	35	Tr	2	80			73		30				5	10	5			10			5		99		84458C	.005	.02				
				80			74																		84459C	.003	.02				
							74																		84460C	<.003	.02				
74.65-77.7 Gds. 74.65-74.75 Bleached by shear. 74.75-76.1 Gds. Green + pink CI 10. 20% pink K spar 2% py Similar to 70.7-74.65 but pervasive shearing.	30						75		23	20				5	15	Tr	5			2			97		84461C	<.003	.01				
							76																		84462C	<.003	.02				
76.1-77.1 Gds. Bleached green-gray CI 5. 5% py 1-5mm. 76.2-76.5 30% brecciated qtz vein .5 to 3cm. 76.9-77.0 med gy crush	35	Tr	1 to 2				77		25			5	10	10	Tr	10				5	?				84462C	<.003	.02				
77.1-77.7 Gds. Green, chloritic, CI 10 77.33-77.43 bleached. gray bx zone	30	Tr	2				78		40	15					15			Tr					77.7		84463C	<.003	.02				

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	GRAPHIC LOG Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY															
																												SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb								
77.7- 81.4 Gdn. Gray, CI 18. 5% pink Kspar. wt feldspar slightly clouded. 10-15 fractures 1 metre.	30		3							78		47	5		3													77.7	95	84464C	<.003		.01										
										79																																	
										80																																	
80.9 8mm qtz vein @ 2'opy (5mm) @ 40°										81																																	
81.4 m END OF HOLE										82																																	

J.S. Cl...

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silice - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY													
																												SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb						
										26															26.5																
										28																95															
29.6- 38.7 Gdu. Gray-white. Fresh. Very hard. Tombstone. 10-20 fractures/metro. CI 15										30		45	10		10			5								29.6	99														
																										30.5															
																										31.4	85														
										32																32.6															
																										33.8															
										34																															
										36																															
																										36.6	85														
										38																															
38.7- 39.9 Gd. moderately sheared. 80% recovery																										38.7															
										40																															

JAC

N.T.S. MAP GRID: 82 L 2 E

KERR ADDISON MINES LIMITED

PROPERTY: TOP Claims (Brican)

HOLE No.: 84-15 SHEET No.: 5 of 7

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	GRAPHIC LOG Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y									
																												SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
										59																	97										
56.7-56.8 gray bleached "silicified" gds.										56																		85									
59.4-74.5 Gdu. Grey. Fresh. 10-20 fractures/metre @ 15°										58																		80									
60.2 8mm qtz vein w hematite coating margins @ 20°					20					60																		99									
										62																		97									
										64																		98									
										66																		95									
										68																		85									
										67																		85									

JBC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Meters	Mineralization Type (6)	Albite	K-Feldspar	Angeite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y							
																												SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb
Gdu.										68															68.6	95									
										70																	98								
71.4-71.7 fractured gdu.										72																71.0	90								
										72																71.6	90								
72.1-73.0 fractured gdu										74																72.8	95								
										74																70	95								
74.0-75.0 Gds. Pink + green - moderately sheared. CI 15										76			40	5				15				tr				74.4	95								
75.0-82.0 Gdu. Gray. Fresh - similar to 59.4-74.0, CI 15										76			15	10	10			5									98								
8-15 fracture/metre										78																77.4	95								
										80																	90								
										82																80.5	80.5								
										82																	97	84475C	.003		.01				
										82																	82.0								

not bx

Bx
L2

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	% EST. CORE REC	ASSAY									
																										SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
12.2-13.8 Gds Gray, CI 5. Bleached silicified + sericitic. Fault bx at low angle to C.a	40	3						12		24	10		10	10	5							1		12.2	85	12.2	84480C	<.003	.01						
13.8 - 20.0 Gds. Gray - white. Crushed gd. similar to 10.3-12.2 CI 0 to 10. 5 - 25% clay N.B. 50% recovery	30	5	2					14		30	10				10		15							14.0	50	14.0									
								16																17.1		17.1									
								18																50		18.4	84481C	<.003	.01						
18.4-18.9 More competent gd shearing moderate similar to 20.0-24.9			3					20																18.9		18.9	84500C	.003	.01						
								22																70		21.9	84482C	<.003	.02						
20.0 - 24.9 Gdu. Pink green CT 10-15. Moderate to weakly sheared, highly fractured. 20-50 fractures/metre	30	1	3 2					24		40	15	5			10									20.4		20.4									
								26																21.0	99	84483	<.003	.04							
								28																21.9	80	21.9									
								30																80											
								32																70											
24.4-24.9 Gds. Kspar flooded breccia zone 5% qtz-calc-chy veins/shears (40: 40: 20) . n/a v.f pyrite.	30	5	1					34		10	30				9	5		10				1		24.4		24.4	84484C	<.003	.01						
24.9-31.1 Gdu see next page								36																9.7		24.9	84485C	<.003	.02						

JBC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silice - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	GRAPHIC LOG Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	% EST. CORE REC	A S S A Y											
																											SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb				
27.9-28.1 Gdu, Pink to green weakly sheared. ~15 fractures/metre. 1% calcite veinlets (<1mm) @ 40° CI 15	30	1	3						26		15	10	7												26.5		26.5											
28.1-29.3 Gds V Poor recovery greenish gray clay gouge + crushed gds									28																		70	28.1	84486C	<.003		.01						
29.3-31.1 Gds, v. poor rec (30%)									30																		30	29.3	84487C	<.003		.02						
Highly fractured gd. - core lost in 29.3-31.1 interval block is of contact. alt angle, 80° Contact - missing core									32																			31.1	31.1	84488C	<.003		.02					
31.1-32.7 (32.7) LD 1 -DK gr-gy 2% wt calc-gtz (veinlets. ~3% v.f (<.1mm) py. gray clay (.5cm) at contact @ 90°	5	3							32				20		20													31.1	31.1	84489C	<.003		.02					
32.7-33.0 Gdu. K-spar + bleached CI 10	30	3	90						34		15	30	0		5	10											98	32.7	84490C	<.003		.02						
33.0-34.7 LD 1, AS 31.1-32.6 but slightly bleached.			75						34																		39.1	33.0	84491C	<.003		.02						
Lower contact 30° 2cm incomplete band of LD2 10cm from contact - Gdu incorporated into lower contact			30						36																			98	34.7	84492C	<.003		.01					
34.7-41.3 Gdu. Gray slightly bleached + sheared. CI 10-15. 10-25 fractures/metre.	30	3							36		10	5			10	Tr	Tr											98	36.1	84493C	<.003		.01					
									38																			97	37.2	84494C	<.003		.01					
									40																			95	38.7	84495C	<.003		.01					

40.5 40.2

JAC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	GRAPHIC LOG Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC.	ASSAY								
																												SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb	
61.5-62.6 Gds - Pink + gray alteration Feldspars clouded # stains pink, DK red hematite-calcite on fractures	30	0	3					40	61																61.9	95										
63.8-66.1 Gds. Green CI 15, 10-20 fractures/metre pervasive moderate shearing + alteration.	30	2	2						64			33	15			5	15				Tr					63.7	97	63.7								
Change in alt'n v. sharp 30° 64.7-64.8 DK red hematitic Gds	30	15	2	30													15				15					64.7										
change sharp, slip? (to 2mm) 64.8-65.1 qtz (80): calcite (18): py (2)	30	15	2	70	5				65																	97	99011	65.1	<.003							
Vein @ 45° to 60° increases from 1 to 10mm width. 65.1-66.1 Gds hematite on slips 5% 1mm calcite veinlets Mottled brn red and pale yellow																	15				5							99012	<.003							
65.5 - 1cm pale green clay gouge																																				
66.1-67.5 Gds. Gray CI 12 15 fractures/metre	30		3									50	8	7			5									66.1	95	66.1	99013	<.003						
67.5-68.5 Gds. Gray + green, Mod pervasive shearing. CI 15	30	2	2									15	8				15										95	67.5	99014							

69.2

68.5

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Meters	Mineralization Type (6)	Albite	K-Feldspar	Analcite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y													
																										SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb						
68.5-70.5 Gds. Gray. Similar to 661-675 Weakly sheared. CI 12.	30	0	3					68		48	10		7											68.5															
								70																69.2	99015	<.003													
70.5-71.0 Gds. Green. Fractured + moderately sheared + bleached CI 10. Chloritic	30	Tr	2					71		20	20		Tr		10	20								95	99016	<.003													
71.0-72.4 Gds. Gray "silicified" brecciated gd. CI 0. Almost looks like sheared Ld. but is sheared Gd with pervasive Chlorite	40		3					72		25	3		0	10	20	2		Tr	Tr							99017	<.003												
Contact 1cm by Qtz (80) - calc (10) - hematite - vit sulfide (5) at 80°																								72.2															
72.4-73.3 Gds. Pink-gray CI 15. 10-15 fractures/metre .5% .5mm calcite veinlets	30	Tr	3					74		45	10		10			5									99	99018	<.003												
								76																															
75.8-76.5 highly fractured								78																															
								80																															
78.3m END OF HOLE																																							

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY								
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb	
12.2-12.8 Gdu. Fractured Gd as 8.8-10.8 Wkly Bleached	30		3						12		10	15			5	10									12.8	70									
12.8-19.2 Gdu. Pink + Gray. CI 5 Weakly altered, mod. fractured 20-50 fractures 1 metre.	30	1							14		40	15	10		5										14.6	90									
									16																15.5	97									
								70	18																17.1	97									
18.3-18.9 crush zone	30	5	1					75	18		25	10			10	10			10						18.0	80	17.7								
Sharp bxd contact 19.2-20.8 Gds. Gray Bl silicified brecciated gd. CI 5	35	3	2	90					20		20	10		10	12	5			5			Tr			20.1	95	11319	<.003		.01					
19.9-20.1 Gray Clay Gouge	10	1							20																20.1	80	11320	<.003		.01					
Sharp contact 20.8-29.1 Gdu. Pink + gray, CI 5 Weakly altered, mod. fractured calcite on fracture. (20-35 f/m)	30	2	3	40					22		38	15	4		10			1							22.2	95	20.8	11321	<.003		.01				
									24																22.3	97									
29.1-25.6 Gdu. Highly fractured Gravelly - 50% recovery	30	10	3						24		40	15				15									24.1	50									
25.6-28.9 Gdu. see next page									26																25.9										

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure - Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY							
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb
Gdu/sh Pink. Weakly sheared + wkly altered. 20-30 flm. Slightly bleached. CI 10. 26.3-26.5 hematite on fractures.	30	5	2						26		35	15				5	10		7		7				28.0	90								
28.9 - 34.8 Gdu. Gray + Pink. Slightly sheared + altered. 12-15 fractures/metre. CI 5	30	Tr	3						30		49	10				5		1							29.6	98								
31.0 - 2mm epidote vein at 50° with 2cm Kspar haloes.					50				32																31.4	98								
									34																33.2	98								
									36																35.3	95								
34.8 - 36.3 Gds. Gravely crushed gd. Gray CI 10. 60% recovery	30	5	2						36		20	15				10	10		10						36.3	60								
36.3 - 46.0 Gdu. weakly Altered. Mod. fractured (20-30 flm) similar to 28.9-34.8	30	Tr	3						38		15	5				10									38.1	95								
									40																39.3	97								

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind(3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY								
																											SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb	
40.7 - 41.0 Gds. Pink + green	30	3	2						40		20	20								7					98										
41.4 1cm w/ly banded qtz vein @ 30° 37% v.f (4.1mm) gy sulfide (wt qtz)					30°				42																41.4	95									
42.6 8mm banded qtz vein - sil. v.f (wt qtz) gy sulfide					30°				44																42.1	95	426	11322	<.003	.01					
42.8-42.9 pink Kspar vein contacts 50°					50°				46																44.2	95	427	11323	<.003	.02					
44.6-44.7 pink Kspar-flooding									48																45.9	95	445	11324	<.003	.02					
45.45 - 3cm band bl-chl altin @ 70°									50																46.0	95	460								
45.9 4cm band bl-chl altin 75°									52																46.6	95	466	11325	<.003	.01					
46.0-46.6 Kspar flooding symmetric to 1cm qtz vein @ 46.5m @ 30°	35	3			38°				54		40				10	10						5			47.8	99	478	11326	<.003	.01					
46.6-48.1 Gds - w/ly sh + altid.	30	Tr	2		45°				56		10	15								Tr					48.1	99	481	11327	<.003	.01					
47.0 2cm pink Kspar-gtz (80:20) vein									58																49.1	99	491	11328	<.003	.01					
48.1-50.8 Gds. Green. CI 10.	30	5	2						60		20	13	2		10	20									50.9	98	509	11329	<.003	.01					
48.3 1.5cm Kspar (65):qtz (35) vein @ 90°					40°				62																51.4	98	514	11330	<.003	.01					
48.9 5cm Kspar:qtz (85:15) vein @ 70°					70°				64																51.9	98	519	11331	<.003	.01					
Intense pervasive sh + altin.									66																52.4	98	524	11332	<.003	.01					
50.8-53.2 Gds. - Less intensely sheared than 48.1-50.8	30	Tr	2						68		35	15	5		5	10				Tr					52.9	99	529	11333	<.003	.01					
10-12 Fractures/meter									70																53.4	99	534	11334	<.003	.01					
52.9 1cm Kspar:qtz (9:1) vein @ 45°					45°				72																53.9	99	539	11335	<.003	.01					

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N.T.S. MAP GRID: 82 L 2 E
 LOCATION: Monashee Pass
 DATE COLLARED: 14:00/28/1/84
 DATE COMPLETED: 17:00/30/1/84

KERR ADDISON MINES LIMITED

BEARING: 070
 LENGTH: 107.3M (352 Ft)
 DIP: 047
 LATITUDE: 2+19S
 DEPARTURE: 2+43W
 ELEVATION: 1214.5M

PROPERTY: TOP Claims (Brican)
 CORE SIZE: HQ WL
 SCALE OF LOG: METRIC

HOLE No.: 84-18
 SHEET No.: 1 of 10
 LOGGED BY: AEH
 DATE: 3/1/84

BRICAN '83 Grid

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Meters	Mineralization Type (6)	Albite	K-Feldspar	Anigite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	ArsenoPyr.	METER BLOCKS	% EST. CORE REC	ASSAY									
																											SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
0-9.1m Casing Photographed 2/10/1/84 Boxes 1-4 " 5-8 " 9-12 " 13-16									0																		Chemex Assay A8410390-001-002 A									
Later cased to 16.5 Meters due to cave.									4																											
9.1-25.0 Gds(?), weathered rubble, Stained yw-brown, Highly fractured and weak to moderate shearing. Very poor recovery									8																											
									10																											
									12																											
									14																											
									16																											

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anhydrite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	% EST. CORE REC	ASSAY						
																											SAMPLE No. 26.5	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm
Gds - crush zone									27																30	11303	<.003		.04				
gradational transition, increased induration, intensity of alteration and mineralization.									28																28.6	28.6							
28.6 - 31.45 Gds, Bleached. Light green-gray, strongly altered. 5% irregular gray shears/stringers of clay-py-osp? (extremely fine-grained, <.1mm) 2% diss py (.1-.5mm) (0° to 50° to c.a.)	30	5	1						29																28.6	11304	.022		.06				
Angles of gray sulfide bands shown in vein & column 7					30°				30																79	11305	.014		.13				
30.6 - 31.0 Contact with less altered gds (pink+green chl-Kspar altid, no py) runs down middle of core					0°				31																	11306	.018		.52				
31.05 1cm gy band (slip?) ~ 25% v. py-osp					25				31																	11307	.010		.04				
31.45 - 31.65 Qtz vein 15cm thick, 1% py (alt-3) 93% massive fig. w/ Qtz 15% sericite & biotite	13	3			10				31																31.7	11308	.086		5.04				
31.65 - 33.4 Gds. BL - Min. as above (28.6-31.45) but no gy stringers, more (5%) diss. py. harder/more indurated/sil	30	5	2		15				32																	31.65	11309	.026		.34			
32.0 2cm w/ Qtz vein @ 65°					65				32																	11309	.026		.34				
32.43-32.47 1cm w/ Qtz vein @ 70°					70				33																90	11310	.003		.04				
V. Sharp change in alteration					50°				33																	33.4							
33.4 - 33.8 Gds. Green, chloritic - LF 15	30	Tr	3						34																	11311	<.003		.02				
33.8 - 34.0 Gds. Orange, bleached Kspar-sericite altid, fine py (.3-1m) diss (2%) and in patches to 1cm.	30	3			40				34																	11312	<.003		.02				

20.6
Gds. BL
Gds
chl-Kspar
altid.
31.0
31.05

34.7

34.1

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From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericitic	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y										
																										SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb			
34.1 - 34.5 Gds. Green + Orange. Similar to 33.4-33.8, CI 10. contact diffuse	30	3						34		30	10	5		70	15					Tr						34.4	11313	<.003		.02						
34.5 - 35.25 Gds. Bl, orange. Kspar, sericite altin as 33.7-34.8, Py _{imm} 34.5 - 35.0 dk gy clay - sulfide slip @ 10° to ca	30	5	1-2					35		10	30			15	8	5						2			34.7	11314	<.003		.04							
35.2 - 35.25 2cm wt qtz vein @ 55° 35.25 - 38.8 Gds. Orange green. Slightly bleached CI 10 15 fractures/metre.	30	3	70					36		40	15	3			10		2		Tr							35.25										
fractured rx, poor recovery								37																			11315	<.003		.02						
								38																			37.2	37.2								
								39																												
38.8 - 39.2 Gds. Pink-orange, Kspar flooded.	30	3						39		20	40				10					1																
39.2 - 39.8 Gds. Green + orange CI 10, Moderate shearing	30	3						39.5		35	20	5			10					Tr																
								40																												
39.8 - 40.0 Gds. Intense shearing @ 70°. Gray-Green.	40	10	1					40		15					10	15	10																			

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y									
																									SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
40.0-40.9 Gds. DK green CI 10. Weak to moderate shearing	30	Tr	3				10		15		5				15				Tr						97	11334	<.003		.02					
5cm crushed gd at contact																										40.9								
40.9-41.1 K-spar (65) - Qtz (35) vein pegmatite	35			60			41		59		1				5											11335	<.003		.05					
41.1-41.5 Gds. Green + orange gds fractured f gouge	30	Tr	2						25	20					10	15										41.1	11336	<.003		.04				
41.5-42.7 Gds. Weakly sheared green mod chloritic. Shearing + alteration decreasing down hole. CI 10. Slightly bleached.	30	Tr	3						10	15		5			10										41.7	11337	<.003		.02					
																										42.7								
42.7-46.4 Gds. Gray. CI 15. n/10 calcite-chl veinlets to 1mm, form irregular fracture network.	30	2	3																							98								
																											44.8	44.8						
45.4-46.4 Intensely fractured contact sharp 70°																										80	11316	<.003		.03				
46.4-46.85 Gds. Mod. bl. Intense allin sharp hematite contact @ 45°	35	5	1	70					15	15					20	10											46.4							
46.85-47.3 Gds. Green + orange. CI 15	30	Tr	2	45					30	15		5			10	10										99	11317	<.003		.06				
																											46.85							
47.5-48.0 Gds. Gray CI 15	30	Tr	3						40	15		8			7												47.5	11318	<.003		.06			
48.0-48.3 Gds. as 46.85-47.3			2																															
48.3-49.0 Gds. As 47.5-48.0			3																															
49.0-49.3 Gds. Chl.			2																								49.4							
49.3-49.8 Gds.			3																															
49.8-50.7 Gds. see next page																																		

JAC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure	Meters	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY								
																												SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb	
64.4 - 65.6 Gds. weak to mod sh. Green. CI 15	30	Tr	2						64			10	15		5			10								64.3	93									
65.5 - 66.7 Gds. Pink - Gray 15mm Qtz (70): calcite (29) hematite (1) vein CI 10 slightly bleached	30		3		25%				66			35	15	3			5	10		2						66.1										
66.7 - 67.2 Gds. Kspar flooding hematite on cleavage	30							30°	67			6					2	6		2	Tr					67.4	95									
67.2 - 68.5 Gds. Speckled Gyrst similar to v. hard gds. at bottom of	30		3						68			40	15		5			10		Tr																
68.5 - 75.1 Gds. Pink. CI 12 Slightly sheared 15-20 f/m. Calcite-chl on fracture	30	2	3						70			30	15		5			7		1						69.8	95									
									72																		71.9	98								
								15°	74																			99								
									76																		75.0									
75.1 - 75.6 Gds. Green + orange DLW slip slip @ 60°	30	A	2						76			25	15				10	15			1															
75.6 - 81.7 Gds. Gray CI 10. 5-15 fractures/metre. calcite-chl on fractures	30	Tr	3						78			45	10		5		5	5										99								

AS C

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage Rock Type Structure	GRAPHIC LOG Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS OBLOCKS	EST. CORE REC	A S S A Y											
																										SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb				
Gdu.								78																	99												
80.0 5mm calc (80): qtz vein @ 50° 80.1 5mm " " " @ 50°				50				80																													
81.7 - 92.7 Gdu. Weakly sheared 1-3% calcite veinlets (1-2mm) CI 12.	30	2	32					82		35	15	2		5	10				1																		
								84																													
								86																													
86.5 - 88.0 stained, feldspar + hematite on cleavage @ 65°, 2-10cm spacing 87.2 1cm calc (30): qtz (60): chl (10) vein @ 30°				30			65	88																													
88.7 - 89.0 fractured, crushed gd.								90																													
								92																													

JAC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY										
																										SAMPLE No.	Au oz/ton	Au ppm	Ag oz/ton	Ag ppm	As ppm	Sb ppm	Hg ppb			
98.9-101.0 Gdu. Gray. Slightly bleached. CI, 10. 17. calcite veinlets, 0.1-1.0mm. 10-15 Fractures/metre	30	1	3					99		4	10	5		5	5									99.7		98.9	<.003			.03						
								100																			100.4									
101.0-107.3 Gdu. Gray Fresh CI 15	30		3					102		15	10			5																						
								104																												
105.4-105.5 Kspar (60) - qtz (30) - epidote (10) - py (2) 105.4 5mm Qtz (20) - epidote (5) - py (5) mat. (?) (2)								106																			99	11278								
								108																												
107.3 END OF HOLE								108																												

J. C. [Signature]

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite	K-Feldspar	Ansgite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	ASSAY											
																									SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb				
11.3 → 13.4 M = 2.1 M = 7 ft; wtd Avg Au 0.185							11.3																		11280											
-11.9 → 12.7 = .8 M = 2.65 ft; wtd Avg Au 0.449							11.9														2			33%	11.9	.072		.08								
11.9-12.5 Ld4 (Marbles) 2x2 cm bits of Rounded Core. Very few fines in box. "Dusty grey" carbonate alteration typical of Lamprophyre Dyke Type 4. Split between blocks because of poor recovery. 11.9 Measurement is estimate.	5.3					45	12								10										11281	.516		1.26								
12.5-12.7 Ld3 (Marbles). Carbonate alteration gray but not "dusty"	15.3						12.5														2			12.5 .4M	12.5											
12.7-13.4 Ld3-2 19/10 cm 1 mm Qtz Calcite micro streakwork veinlets - 8% of Total Rock volume. Numerous 1-3 mm offsets of veinlets by other veinlets or/4 shearing	15.2			40 25		45	13.0								15										11282	-248		.49								
13.4-13.85 Ld3-2 (10 cm solid)	5.23						13.5																		11283	.024		.10								
No Visible Measurable contact																																				
13.85-14.3 Gd (10 cm marbles)	0.2						14.0								15										11284	.003		.09								
14.3-14.9 Ld3-2. Broken, rusty fractures	0.3						14.5																		11285	<.003		.07								
No veinlets - greenish brown weathering.																									14.3 .2M	14.3										
14.9-18.0 Ld3f2)							15.0																		11286	<.003		.03								
															20										14.9 .2M	14.9										

NOTE: RECOV.
OF 12.5 → 12.7
33%

NOTE
12.7 → 13.4
99% rec.

JAC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	Rock Type Structure	Meters 15.0	Mineralization Type (6)	Albite	K-Feldspar	Anorthite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y										
																										SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb			
14.9-18.0 Ld3 2/10cm 40% calcite 60% Qtz Micro veinlets. 2-5% of Rock Volume. 1% Qtz-calcite 1mm blebs	2	2	40 60													20						2			11287	<.003		.03								
15.4-15.7 Ld3 intense Qtz-calcite Veining (20% of rock volume) Predom 30° 1mm veinlets over 4cm. Rusty shear at 15.7	10	20	30 80					15.5														30 km band black.			11288	.084		.13								
14.9-18.0 Ld3 20% 80% 10/100cm Qtz calcite veinlets Predominant direction 85°	10	3	85					16.0								20								99%	11289	<.003		.06								
2/100cm 20% 80% Qtz calcite veinlets at 30° discontinuous.	10	3	85					16.5																16.4 1.5M	16.4											
								17.0																		11290	<.003		.06							
3cm of 2mm Qtz veinlets 85° Not! chalcocite!! 17.28-17.3 - Pink Gd Angular frag.	85	10	3	85				17.5																61%	17.2 17.3	<.003		.03								
17.7-17.75 Clay - Recovery? poor.																									17.7 8M	11292	<.003		.04							
Sharp Contact 18.0-19.3 Gds/Silica flooded. 1.1 meters of core. Altered but not sheared Mottled Pink-gray-chl grm.	40	0	3					18.0								20										18.0										
								18.5																												

JSC

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters Mineralization Type (6)	Albite	K-Feldspar	Ansgite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC.	ASSAY									
																								SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
18.9-19.0 - Gouge Zone Black dirt! lost core zone??	0	1					18.5 19.0																		11293	<.003		.03					
19.2-19.3 Bleached Kspar Flooded Gds	30	0	3						30															86%	19.3								
19.3-19.9 Ld3-2 - gray. (est 100% core) 2% <1mm calcite Micro Veinlets in section. @ 5° - 15°	5	2		40	40		19.5							15						2					11294	.003		.04					
19.3-19.35 - 15 <1mm Qtz calcite MicroV. at 40 // contact				5	15																		19.8	1.84									
19.9-20.0 Ld3-2 Gouge Clay-Solid core grn.	5	10	<1	30	30	70	20.0							20		25				2					11295	<.003		.06					
20.0-20.1 Ld3-2 Grn, 10% <1mm Qtz Cal. Veinlets	5	10	2	30	30				Combine 19.9 →	20.1					0					2					11296	<.003		.06					
20.1-20.3 Mixed Ld3 Gds (Calcite)	10	10	2	30	30									15											11297	.022		.10					
20.3-20.4 - Qtz vein - Gouge 25%-2cm vtg. pyrite bands, 4 contorted 6mm quartz veins	70	10	2	30	30		20.5														20				11298	.036		.12					
20.4-21.6 Gds Bleached, C110 gray dissem pyrite bands 1-2mm thick at 35°, 4/10cm predom. direction, sub // to clvat 35° - also weaker .5mm pyrite bands at 35° ⊥ to stronger bands 6/10cm. - expect this section to run 0.01 to 0.04 oz/Ton Au.	20	1	1	35	35	30	21.0		0				10	10										89%	11299	.003		.04					
21.6-23.4 Gds C15 - gray green not as strongly bleached at 20.4-21.6	1	2		35	35	30	21.5		0				1	25										21.6	1.6M	21.6							

JSL

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz Carbonate % Silica - Ind (3)	Contacts Veins Faults Bedding Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (6)	Albite K-Feldspar Anorthite Biotite Muscovite Sericite	Chlorite Green Mica Epidote Clay Hematite Magnetite Pyrite Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y							
									SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb
26.0-26.6 Ld 2 - Slightly dusty gray green to brown tint. 2 only grt Calcite 2mm veinlets base of zone still at 100m elev. - flat!	251	80	26						26.0	11255	<.003		.02			
26.6-27.0 Gd Gouge - grey green 25% Calcite Broken Veinlet Top 50m.	15	80	27					97%	26.6	11256	.005		.08			
27.0-36.5 Gdu. Green (chlorite) Pink (Kspar) Gray. Color Index 15-20	200	3	27		10				27.0	11257	<.003		.06			
Dolomite footwall rock. equigranular (3mm) Tombstone.			28		15				27.7	11258	<.003		.05			
			29		10				28.9	11259	<.003		.04			
27.7-33.2 = 5.5M with 4.65M core ∴ 85% recovery.	3		30		10			54%	28.9	11259	<.003		.04			
9 fractures / meter			31		9				31.7	11259	<.003		.04			
			32		7				33.2	11259	<.003		.04			
35.75-35.8 Gouge zone green gray - last core area?	3	30	33		5			120%	33.2	11259	<.003		.04			
			34		2			98%	35.3	11259	<.003		.04			
36.5-47.5 Gdu. CI 15		30	35		2				35.3	11259	<.003		.04			
			36		20				37.8	11259	<.003		.04			
			37		0	5		84%	37.8	11259	<.003		.04			
			38						37.8	11259	<.003		.04			

From -To ROCK TYPE AND TEXTURES Colour, Alteration	Quartz %	Carbonate %	Silica - Ind (3)	Contacts	Veins	Faults	Bedding	Cleavage	GRAPHIC LOG Rock Type Structure Meters	Mineralization Type (b)	Albite	K-Feldspar	Augite	Biotite	Muscovite	Sericite	Chlorite	Green Mica	Epidote	Clay	Hematite	Magnetite	Pyrite	Arsenopyrite	METERS BLOCKS	EST. CORE REC	A S S A Y									
																											SAMPLE No.	Au oz/ ton	Au ppm	Ag oz/ ton	Ag ppm	As ppm	Sb ppm	Hg ppb		
36.5-47.5 Gdu CI 12 greenish gray.	20	0	W						38		0	5											1	38.7	100% -9M											
									40															40.2	106% -1.6M											
7 fractures/meter equigranular (2mm) Tombstone.	20	0	3						42															41.4	92% -1-1											
									44															42.4	90% -9M											
	20	0	W					80 50	44																42.4	100% -9M										
	20	0	3					50	46															44.8	92% -1.4M											
	20	0	3					50	46															46.0	108% -1.3M											
CI 10	20	0	3					70 50	48																47.5	73% -1-1										
47.5 Meters End of Hole (156 ft)																																				
Summary.																																				
0-9.1 Csg.																																				
9.1-11.3 Ld 2 Gd																																				
11.3-11.9 Gd u																																				
11.9-12.5 Ld 4																																				
12.5-13.85 Ld 2-3																																				
13.85-14.3 Gdu																																				
14.3-18.0 Ld 2-3																																				
18.0-19.3 Gd 5/u																																				
19.3-20.3 Ld 2-3																																				
20.3-23.4 Gds																																				
23.4-26.0 Gd 5/u																																				
26.0-26.6 Ld 2																																				
elev. base of Ld 2																																				
1200.0 M.																																				
So Zone appears flat																																				
and has no apparent																																				
Strike.																																				
26.6-36.5 Gdu - ksp																																				
36.5-47.5 Gdu.																																				

J. E. C.

