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MEAP KL-126



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KERR ADDISON MINES LIMITED

AMALGAMATED LARDER OPTION

PROGRESS REPORT

PERIOD OF FEBRUARY 3, 1979 - JULY 30, 1979

July 30, 1979

D. M. Hendrick
Chief Geologist, Exploration

Kerr Addison Mines Limited

Amalgamated Larder Option

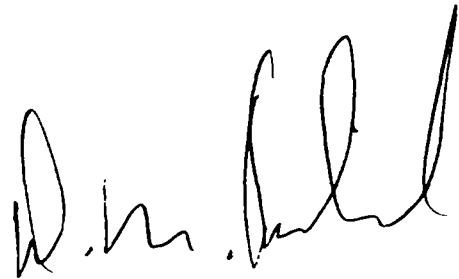
Progress Report

Period of February 3, 1979 - July 30, 1979

On May 14th, 1979, a Mineral Exploration Assistance Agreement was executed between Kerr Addison and the Ontario Government (MEAP Contract KL - 126) whereby the Ontario Government agreed to financially support (33 1/3%) a proposed exploration program to consist mainly of diamond drilling to test the auriferous "Larder Lake Break" at a vertical depth of about 2000 feet at 500 foot intervals. To this end one hole, KAL 79-3, and from it four wedged holes KAL 79-3A, KAL 79-3B, KAL 79-3C, KAL 79-3D, as well as another hole KAL 79-4 were completed at footages respectively of 0 - 2779.5, 1420 - 2028, 1253 - 1447, 1360 - 1520, 695 - 2710, 0 - 2998 i.e. a total of 8754.5'.

Auriferous sections greater than 0.02 ozs. Au/ton intersected by these holes are listed as follows:

<u>Hole No.</u>	<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Ozs. Au/ton</u>
KAL 79-3	2700	2702	2.0	0.04
KAL 79-3D	2393.5	2397.3	3.8	0.04
	2401	2409	8.0	0.10
KAL 79-4	2416	2418.8	2.8	0.14
	2443	2446	3.0	0.04



D. M. Hendrick
Chief Geologist, Exploration

July 30, 1979

- Attached: 1) Drill Hole Log KAL 79-3
2) Drill Hole Log KAL 79-3A, 3B, 3C, 3D
3) Drill Hole Log KAL 79-4
4) Vertical Sections, 1" = 100' above holes

DIAMOND DRILL RECORD

LOGGED BY J. Campbell 0-1900'
D. M. Hendrick 1900-2779.5'

Contractor: Heath & Sherwood, Kirkland Lake

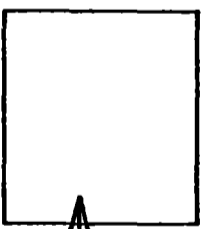
0-8

PROPERTY Amalgamated Larder Property Claim 19405

ATTITUDE 350' North of South BEARING OF HOLE 350° STARTED February 11, 1979

DEPARTURE 85' East of SW Survey DIP OF HOLE -85° @ collar COMPLETED March 10, 1979

LEVATION Pin DIP TESTS see list DEPTH 2800.0'



D.D.H. No. KAL - 79 - 3 PAGE 1

CLAIM No. 19405
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
				FROM	TO			
0	18.0	CASING BQ			0'			
18.0	1978.5	GREYWACKE - greenish grey - very fine grained massive appearance - bedding @ 0-10° to core axis. Occasional 1/4" to 1/2" quartz-carbonate threads and stringers conformable to bedding and rarely following cross tensional fractures. Very rare fine grained fleck of pyrite @ 188.0' bedding 15% to core axis. 187-193' - 30% qtz-carbonate blebs - mottled appearance, conformable with bedding, 1/2% med to coarse pyrite 227-234' - same as above (mottled appearance with coarse pyrite) 356-359' - " " " , no pyrite @ 381' - bedding at 30° (local) @ 394' - " " " 10° @ 498' - " " " 5° @ 482' - " " " 20° @ 490' - " " " 5°			80'		-85°	350°
					200'		-84°	353°
					300'		-83°	353°
					420'		-83°	354°
					500'		-83°	350°
					650'		-81.5°	350°
					850'		-81°	349°
					1080'		-79°	342°
					1220'		-77°	338°
					1420'		-75°	332°
					1650'		-72°	332°
					1840'		-63°	332°
					2120'		-56°	332°
					2300'		-42°	331°
					2550'		-34°	330°
					2780'		-29°	332°
							-24°	333°
					0 to 938			Control and Bit Control
								Mini Deve, Feed Control and Bit Control
					@ 938			Off bit control
					@ 1100			Off bit and feed control
					@ 2153			On feed control
					@ 2313			Off feed control

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DIAMOND DRILL RECORD

LOGGED BY J. Campbell
D. M. Hendrick

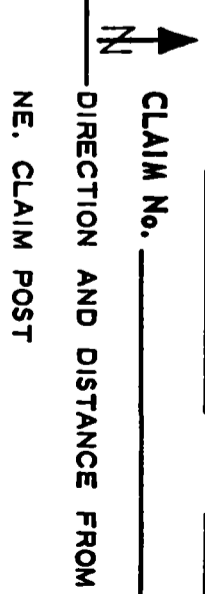
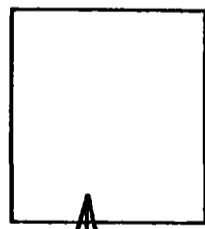
PROPERTY _____

D.P.H. No. KAL - 79 - 3 PAGE 2

TITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
				FROM	TO			
18.0	1978.5	GREYWACKE - Continued						
		520-534' - coarser grained						
		550-578' - mottled carbonate						
		606-607' - strongly mottled carbonate in angle 35° out 30°						
		@ 612' - 2", medium to coarse pyrite 35%						
		670-672' - two 3" pyrite zones (15%) associated with carbonate						
		@ 674' - 5° to C.A.						
		@ 679' - 15° to C.A.						
		@ 693' - 10" barren quartz carbonate vein in at 15° out at 10°						
		715-814' - medium grained layering appearing in interfingering with fine grained layers						
		@ 716.7' - 4" barren grey quartz with minor chlorite @ 30° to C.A.						
		@ 773' - 5° bedding to C.A.						
		@ 786' - 20° to C.A.						
		814-818' - carbonate zone						
		827-829' - " " , with less than 1% pyrite						
		@ 825' - 3" barren quartz veinlet @ 30° to C.A.						

J. Campbell
D. M. Hendrick

DIAMOND DRILL RECORD

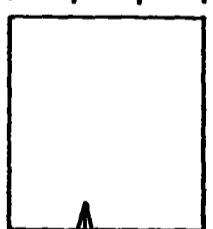
LOGGED BY J. Campbell
D. M. Hendrick

PROPERTY _____

ATTITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



D.D.H. No. KAL - 79 - 3 PAGE 3

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
				FROM	TO			
18.0	1978.5	GREYWACKE - continued						
		@ 889' - 10° to C.A.						
		947-948' - carbonatized						
		@ 929' - 15° to C.A.						
		@ 907' - 2" barren quartz veinlet at 30° to C.A.						
		960-1012' - more rare fine flecks and odd threads of pyrite appearing, core becomes more grey rather than green grey						
		@ 1012' - 20° to C.A.						
		1012-1021' - carbonatization slightly more evident, pyrite also more evident but less than 1/2%						
		1021-1022.8' - massive quartz-carbonate 10% black selvage, in 25° to C.A. out 20° to C.A.						
		@ 1182' - 2" 10% threads of coarse pyrite						
		@ 1197' - coarsely mottled carbonate						
		@ 1217' - 20° to C.A.						
		1216-1230' - greyish, increasing carbonatization						
		1285-1388' - greenish-grey lessening grey						

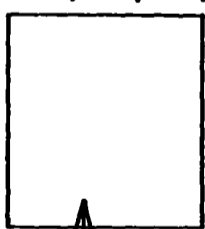
J. Campbell
D.M. Hendrick

DIAMOND DRILL RECORD

LOGGED BY J. Campbell
D. M. Hendrick

D.D.H. No. KAL - 79 - 3 PAGE 4

PROPERTY _____
 ALTITUDE _____ BEARING OF HOLE _____ STARTED _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 LEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
				FROM	TO		
18.0	1978.5	GREYWACKE - continued					
		1387-1388' - quartz-carbonate, chlorite breccia					
		1396-1398' - agglomeratic, 30° to C.A.					
		1412-1429' - becoming more grey-green					
		1429-1432' - barren quartz-carbonate vein					
		@ 1426.5' - 4' cherty v-section					
		@ 1467' - 3' 15% coarse pyrite					
		@ 1508' - 5' 5% coarse pyrite					
		1535-1540' - carbonatized					
		@ 1573' - 25° to C.A., occasional 1/4" to thread size barren quartz threads continue to cut the core at varying angles but generally conformable to bedding					
		@ 1610' - slightly more carbonatized					
		@ 1673' - 20° to C.A.					
		@ 1681' - slight increase in carbonate - threads conformable to bedding					
		@ 1714', 1722', 1725', 1731', 1747' - 2" to 3" barren qtz-carb stringers					
		1714-1719' - 5% fine grained pyrite - 1% quartz-carbonate	9763	1714	1719	5.0'	Tr

J. Campbell
D. M. Hendrick

DIAMOND DRILL RECORD

LOGGED BY J. Campbell
D. M. Hendrick

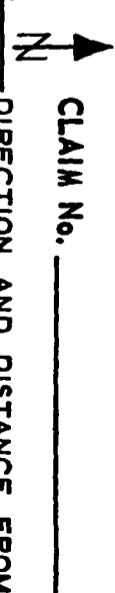
PROPERTY _____

D.D.H. No. KAL - 79 - 3 PAGE 5

ATTITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	AU	ASSAY	
				FROM	TO				
18.0	1978.5	GREYWACKE - continued							
		@ 1771', 1775.5', 1784', 1795', 1813' - 1"-3" qtz-carb stringers							
		@ 1799' - 35° to C.A.							
		@ 1800' - core becomes lighter grey-green carbonate more prevalent							
		@ 1826', 1829' - 1" stringers 5% coarse pyrite							
		@ 1859' - 45° to C.A.							
1978.5	1982.5	GREY CARBONATE TUFF - mottled, banded grey-green chlorite, 15% blotchy quartz							
		- local 1%-3% fine grained pyrite							
1982.5	2274.0	GREYWACKE - well banded							
		@ 1982.5' - 50° to C.A., erratic quartz-carbonate seams and stringers							
		@ 2204' - 60° to C.A.							
		@ 2175' - 6" qtz chlorite, banding 15% pyrite, sub 1/4" cubes, 60° to C.A.	9764	2174.5	2175.6	1.1	Tr		
		@ 2270' - bedding 65° to C.A., grey-green-fine							
2274.0	2409.0	AGGLOMERATIC GREYWACKE - greywacke-matrix, small stretched angular chert, creamy cherty fragments - darker green chlorite matrix							
		2291-2409' - more massive, fewer fragments, more argillaceous, erratic traces pyrite, greenish grey interlayered tuff and argillaceous banding							

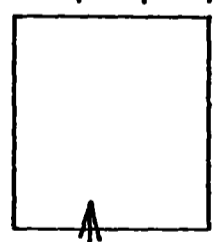
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2274.0

DIAMOND DRILL RECORD

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D. M. Hendrick

D.D.H. No. KAL - 79 - 3 PAGE 6

PROPERTY _____
 ATTITUDE _____ BEARING OF HOLE _____ STARTED _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Au	ASSAY	
				FROM	TO				
		@ 2337' - 70° to C.A.							
		@ 2343' - tuffaceous banding becoming better developed and 15% quartz carbonate seams, sub 1/4"							
		- local tuffaceous bands up to 3" wide							
		- chlorite increasing down the hole							
		@ 2345.5' - 10" quartz carbonate with fuchsite in fractures							
2409.0	2410.0	ACID TUFF - dacite? coarse fragmental, coarsely foliated, 70° to C.A. (marker horizon?)							
2410.0	2485.3	AGGLOMERATIC GREYWACKE - argillaceous chloritic matrix, quartz-carb, stringers elongated tuff fragments, erratic traces pyrite							
		@ 2380.5' - 7" pyrite tuff 5% cubic pyrite	9765	2380.3	2380.8	0.5	.01		
		2426.0-2430.8' - broken and blocky, at 2428							
		- 6" qtz-chlorite and fuchsite, highly fractured							
		2430.8-2485.3' - typical, well banded, less agglomeratic, numerous erratic grey tuff bands, 75° to C.A., increasing down the hole							
2485.3	2488.0	ACID TUFF - coarsely banded, 75° to C.A., erratic 3% pyrite as disseminated cubes	9767	2485.3	2488.5	3.2	NIL		

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DIAMOND DRILL RECORD

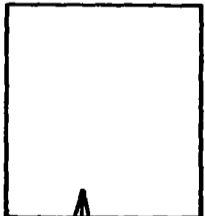
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D. M. Hendrick

PROPERTY _____

ATTITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



D.D.H. No. KAL - 79 - 3 PAGE 7

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	AU	ASSAY	
				FROM	TO				
2488.0	2638.0	AGGLOMERATE - finely banded, greenish grey, argillaceous narrow tuff layers with elongated chert fragments, 75° to C.A., more argillaceous down the hole							
		@ 2512' - locally fractured crumpled, crenulated tuffs bands, narrow sub grey tuff bands with narrow threads of pyrite							
		@ 2537.5' - 6" tuff band 1% pyrite							
		2570.5-2574.5' - 60% grey acid tuff, irregular	9768	2572.5	2574.5	2.0	NIL		
		2574.5-2621.5' - fine grained greenish-grey argillaceous tuff, numerous 1/2" seams, bands quartz-carbonate grey tuffs @ 2617.5' - 2617.5' 1/2"							
		@ 2621.5' - coarsely bedded, 60% to C.A., numerous sub circular fragment sub 1/2 inch <i>discs</i>							
2638.0	2649.5	GREEN CARBONATE TUFF - well banded, 70° to C.A., greyish green							
2649.5	2676.0	CARBONACEOUS TUFF - earthy-grey bedded 60° to C.A., 35% blotchy barren quartz, local green carbonate bands grading into graphite, 3% pyrite fine grained	9769 9770 9771	2649.5 2655.0 2660.0	2655.0 2660.0 2665.0	5.5 5.0 5.0	NIL NIL NIL		
		2662.5-2674.0' - less quartz, increase pyrite 7%-10%, more graphitic, more fractured down the hole, erratic Qtz-carb	9772 9773	2665.0 2670.0	2670.0 2675.0	5.0 5.0	.02 .02		

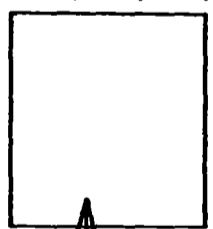
J. Campbell

DIAMOND DRILL RECORD

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D. M. Hendrick

D.D.H. No. KAL - 79 - 3 PAGE 8

PROPERTY _____
 LATITUDE _____ BEARING OF HOLE _____ STARTED _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____
 DIRECTION AND DISTANCE FROM _____
 NE. CLAIM POST _____

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	AU	ASSAY	
				FROM	TO				
		at 2672.5 10' barren quartz carbonate	9774	2675.0	2680.0	5.0	.02		
		2674-2676' - broken blocky sheared, mottled graphite, chlorite, qtz- carb schist, 60° to C.A., 10% diss pyrite - Fault Zone?							
2676.0	2711.0	GREEN AGGLOMERATE - carbonatized with local green fuchsite filled fractures, also local weak graphite, minor 1%-3% diss pyrite	9775	2680.0	2685.0	5.0	Tr		
		2688.0-2702.2' - 5% blotchy white quartz, pyrite increases 5%-7%, 50% chlorite, 1% green fuchsite in fractures	9776	2685.0	2690.0	5.0	.02		
		2702.0-2711.0' - grey green, finely lined sheared 50° to C.A., almost a chlorite carbonate schist, at 2704 1/4" quartz-carb - minor sub 3% diss pyrite, at 2708.5 12" blotchy quartz carbonate	9777	2690.0	2695.0	5.0	Tr		
			9778	2695.0	2700.0	5.0	Tr		
			9779	2700.0	2702.0	2.0	.04		
			9780	2702.0	2705.0	3.0	Tr		
			9781	2705.0	2708.0	3.0	.02		
			9782	2708.0	2711.0	3.0	.02		
2711.0	2745.6	RHYOLITE TUFF - mottley green, grey, coarsely banded 70° to C.A., coarse grey tuff, minor chlorite and green fuchsite, with seams of qtz-carb along bedding is pyrite							
		2743.0-2745.6' - buff grey, fine grained banded chert							

J. Campbell
D.M. Hendrick

DIAMOND DRILL RECORD

LOGGED BY J. Campbell

D. M. Hendrick

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

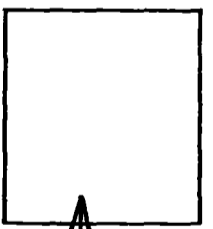
ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. KAL - 79 - 3 PAGE 9

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST



FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Au	ASSAY
				FROM	TO			
2745.6	2800.0'	TALC - CHLORITE - SCHIST - well banded, white-grey-black, qtz-carbonate - chert and talc						
		2775.0-2776.5' - sheared chert, 10% green carbonate alteration, trace pyrite	9783	2775.0	2776.5	1.5	NIL	
		2776.5-2800.0' - chlorite and talc more abundant down hole, brecciating and fracturing increasing						
		- END OF HOLE -						

J. Campbell
1/22/41

DIAMOND DRILL RECORD

LOGGED BY J. Campbell
D. M. Hendrick

Contractor: Heath & Sherwood, Kirkland Lake

O-8
6E

PROPERTY Amalgamated Larder Option O-8 Wedged Hole

D.D.H. No. KAL-79-3A PAGE 1

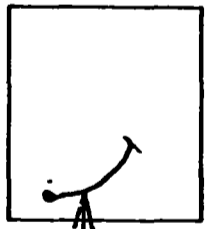
TITUDE 350' North of South BEARING OF HOLE SEE STARTED March 10, 1979

CLAIM No. 19405

ARTURE 85' North of South-west DIP OF HOLE TABLE COMPLETED March 19, 1979

DIRECTION AND DISTANCE FROM 3M

EVALIATION Survey pin DIP TESTS BELOW DEPTH 2028.0



Wedged hole from KAL-79-3 core starting at 1420 in this hole

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Dip	Azimuth	ASSAY
				FROM	TO				
1420	2028	GREYWACKE - fine grain - grey-green 350 to CA							
		5% generally conformable carbonate threads to 350							
		1623 - 2" carbonate - quartz stringer 55° to core axis							
		1677-9 2.0' 60% carbonate							
		1687 - Lamination at 30° to CA							
		1730, 1735, 1757, 1784, 1788, 1798, 1810, 1829, 1840, 1865.6, 2014, 2018							
		2021 - 1" or 2" quartz carbonate stringers @ 60° to CA							
		1931, 1940 - 1" pyrite stringers F. G.							
		1846 - carbonate increasing - core becoming more lighter grey							
		1875 - 40° to CA							
		2025 - 43° to CA							
		2028.0 End of hole							

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D. M. Hendrick

DIAMOND DRILL RECORD

LOGGED BY J. Campbell

D. M. Hendrick

Contractor: Heath & Sharwood, Kirkland Lake

PROPERTY Amalgamated Larder Option Claim 19405

LATITUDE 350' North of South boundary

BEARING OF HOLE SEE

STARTED March 19, 79

DEPARTURE 85' East of South-west survey pin

DIP OF HOLE TABLE

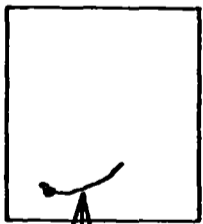
COMPLETED March 31, 1979

ELEVATION DEPTHS

BELOW 1447

D.D.H. No. KAL-793B PAGE 1

This wedged hole starts at 1253' Wedge at 1260' Out of hole KAL-79-3



FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	Azimuth	ASSAY
				FROM	TO			

1253	1447	GREYNACKS - dark grey-green - 20° to CA at 1261		Depth	Dip			
------	------	---	--	-------	-----	--	--	--

		1310' - 25° to CA - 3% - threads quartz carbonate at various angles but generally conformable						
--	--	---	--	--	--	--	--	--

		1323 - 2" - 5% fine grain disseminated pyrite		1260'	75°			
--	--	---	--	-------	-----	--	--	--

		1331" - 25° to CA		1301'	74°		350°	
--	--	-------------------	--	-------	-----	--	------	--

		1400 - 1404 - last core from Bullnose bit working on wedge		1390'	72.5°		341°	
--	--	--	--	-------	-------	--	------	--

		1409-1414 - 5' carbonate and chlorite alteration						
--	--	--	--	--	--	--	--	--

		1431-1433.5 - intense carbonation mottled appearance						
--	--	--	--	--	--	--	--	--

		1431 - lighter green coloration to end of hole						
--	--	--	--	--	--	--	--	--

		1413, 1418, 1424 - 1" quartz carbonate stringers @ 60° to CA						
--	--	--	--	--	--	--	--	--

	1447	End of hole						
--	------	-------------	--	--	--	--	--	--

Handwritten signatures and initials:
 W. J. Hendrick
 J. Campbell

DIAMOND DRILL RECORD

LOGGED BY J. Campbell

Contractor: Heath and Sherwood, Kirkland Lake

PROPERTY Amalgamated Larder Property Claim 19405

D. M. Hendrick

D.D.H. No. KAL-79-3C PAGE 1

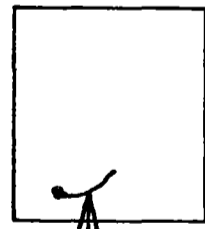
ATTITUDE 350' North of South BEARING OF HOLE SEE STARTED April 1, 1979

CLAIM No. 19405

DEPARTURE 85' ^{boundary} East of South-West DIP OF HOLE TABLE COMPLETED April 3, 1979

DIRECTION AND DISTANCE FROM

LEVATION survay pin DIP TESTS BELOW DEPTH 1520'



^{SW} DIRECTION AND DISTANCE FROM CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH		ASSAY
				FROM	TO	Depth	Dip	
1360	1520	GREYWACKS - dark grey-green 3% to 5% threads of quartz carbonate at an average 28° to CA	Dip Tests	1418	71.5°	1505	70°	338°
		1378' - 28° to CA						
		1413' - 4" quartz carbonate						
		1416-1417 - quartz carbonate						
		1467' - 25° to CA						
		1507 - 25° to CA						
		1501 - 1502 - Intense carbonation						
	1520	End of hole						

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 1979

DIAMOND DRILL RECORD

LOGGED BY J. Campbell (695' - 1400')

Heath & Sherwood Drilling, Kirkland Lake

PROPERTY Kerr Addison Mines Limited - Amalgamated Larder Option, McVittie Twp., Ontario

D. Hendrick (1400' - 2710')

D.D.H. No. KAL - 79 - 3D PAGE 1

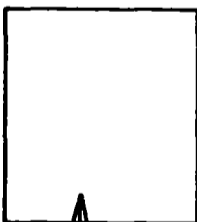
LATITUDE 350' North BEARING OF HOLE 350° Wedged Hole from KAL - 79 - 3

STARTED April 4, 1979

CLAIM No. L 9405

DEPARTURE 85' East } Survey P
L 9405 } DIP OF HOLE at 650' - 81° COMPLETED April 26, 1979

ELEVATION --- DIP TESTS see list DEPTH 2710'



NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	DRILL DATA		ASSAY											
				FROM	TO		Depth	Dip	Depth	Dip	Depth	Dip	Azimuth							
695	2090.0	GREYWACKE - 2% - 3% carbonate threads grey-green - fine grained - massive appearance																		
		743' - 20° to C.A.																		
		811', 820', 836', 981', 984', 985' - 1" to 2" quartz carbonate stringers																		
		barren																		
		838' - 15° to C.A.																		
		872' - 20° to C.A.																		
		973 to 980' - Intense mottled carbonation																		
		1087' - 30° to C.A.																		
		After 980' core becomes more carbonated and slightly grey rather than green-grey																		
		1114' - becoming still more lighter grey from carbonate																		
		1146 - 1148' - mottled carbonation																		
		1152' - 30° to C.A.																		
		1238-40' - mottled carbonation																		
		1273' - 30° to C.A.																		
		1373' - 42° to C.A.																		

Handwritten signature: J. Campbell

DIAMOND DRILL RECORD

LOGGED BY J. Campbell
D. M. Hendrick

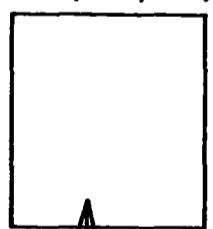
PROPERTY _____

ATTITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

LEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. KAL - 79 - 3D PAGE 2



CLAIM No. _____
DIRECTION AND DISTANCE FROM

NE. CLAIM POST

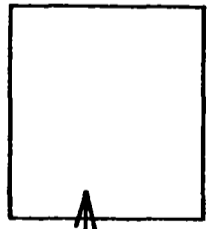
FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
				FROM	TO			
	1388'	- 45° to C.A.						
	1400-1425.2'	- grey argillaceous 25% qtz carbonate seams and stringers, parallel to bedding, well developed, bedding 45° to 50° to C.A.						
	1425.2-1427.3'	- chloritic crenulated tuff (?), layered at 1426.0', 4" dissem. py and po parallel to bedding at 45° to C.A.	2667	1425.5	1426.5	1.0	0.02	
	1427.3-1485.3'	- same as in major heading						
	1485.3-1550.0'	- minor erratic qtz-carb, fine grained, massive mudstone, erratic sub 1" qtz-carb seams parallel to bedding 60° to C.A.						
	1550.0-1553.5'	- light grey sll and carb (CO ₃), erratic green CO ₃ , trace of pyrite at 1550.5, 8" qtz-carb seams with green fuchsite 55° to C.A.						
	1553.5-.580.5'	- typical erratic massive qtz-carb seams generally parallel to bedding						
	1580.5-1616.5'	- 25% sub 1/2" qtz-carb seams parallel to bedding 70° to C.A.						
	1616.5-1682.0'	- more massive, fine grained, erratic minor qtz-carb seams, from 1677.0 - 1678.5 25% 1" sub rounded grey carb 'mud balls'						

DIAMOND DRILL RECORD

LOGGED BY J. Campbell
D. M. Hendrick

D.D.H. No. KAL - 79 - 3D PAGE 3

PROPERTY _____ LATITUDE _____ BEARING OF HOLE _____ STARTED _____
 DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____
 ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
				FROM	TO		
		1682.0-1702.0' - 25% qtz-carb seam, minor pyrite and brown ankerite.					
		From 1698.5-1699.5' grey carb tuff 70° to C.A.					
		1702.0-1908.0' - typical bedding 70° to C.A.					
		- at 1892.5' 6' qtz-carb-chlorite, tuff band 3% diss. py					
		seams, fine crumpled bedding					
		1908.0-2019.0' - light grey well banded 85° to C.A., 30% light grey,					
		sub 1/2" tuff beds alternating with mud bands					
		2019.0-2090.0' - greenish grey prominent fine bedding 85° to C.A., 25%					
		crumpled qtz-carb (trace pyrite) seams parallel to bedding,					
		seams appear to be sill. tuff bands increasing down the hole					
2090.0	2106.2	GREEN CARBONATE ACID TUFF - buff-green sheared 85° to C.A., 25% x-cutting sub	4846	2090.0	2093.0	3.0	Tr
		1" qtz-carb veins, 1 to 3% fine diss. pyrite,	4849	2093.0	2097.2	4.2	Tr
		erratic fuchsite along fractures	4850	2097.2	2098.6	1.4	Tr
			4847	2098.6	2102.4	3.8	Tr
			4848	2102.4	2106.2	3.8	Tr
2106.2	2116.4	GREYWACKE - 20% crumpled sub 1/2" qtz-carb seams, no pyrite, qtz veins and/or fuchsite as above					

DIAMOND DRILL RECORD

LOGGED BY J. Campbell
D. M. Hendrick

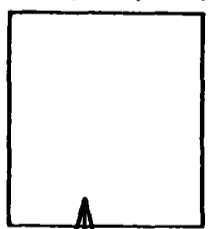
PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. KAL - 79 - 3D PAGE 4



CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
				FROM	TO		
2116.4	2153.0	GREEN CARBONATE ACID TUFF as above, less pyrite, and qtz veins 2121.3-2128.3' - greywacke (2106.2-2116.4) 2128.3-2153.0' - 15% qtz-carb veins, erratic green fuchsite	4851	2116.4	2121.3	4.9	Tr
			4852	2128.3	2130.4	2.1	Tr
			4853	2130.4	2133.0	2.6	Tr
			4854	2133.0	2136.3	3.3	Tr
			4855	2136.3	2140.7	4.4	Tr
			4856	2140.7	2144.4	3.7	Tr
			4857	2144.4	2146.2	1.8	Tr
			4858	2146.2	2151.2	5.0	Tr
			4859	2151.2	2155.0	3.8	Tr
2153.0	2323.0	GREYWACKE, greenish grey, massive, V.F.G., sub 5% qtz-carb and/or tuff bands 85° to C.A.		2235	2242.5	Lost core	
		2262.0-2323.0' - tuff bands and agglomeratic fragments increasing down the hole					
2323.0	2362.5	GREY AGGLOMERATE - rattled fragmental texture sheared 85° to C.A., fractured, minor chlorite and graphite along fractures - trace fine diss. pyrite - weak green carbonate in sub 1/2" bands	4860	2351.6	2355.0	3.4	.01
			4861	2355.0	2358.2	3.2	Tr
			4862	2358.2	2361.8	3.6	.02
			4863	2361.8	2365.4	3.6	.01

DIAMOND DRILL RECORD

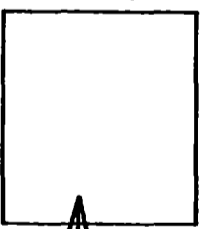
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D. M. Hendrick

PROPERTY _____ D.D.H. No. KAI - 79 - 3D PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
			FROM	TO			
2362.5	2424.2	CARBONACEOUS TUFF - finely schistose 85-90° to C.A., 25% blotchy barren white qtz, 4864	2365.4	2368.2	2.8	.02	
		5% fine diss. pyrite	4865	2368.2	2373.2	5.0	Tr
		2371.0-2377' - 10% blotchy qtz, 15% green carbonate (fuchsite), 1-3% py.	2651	2373.2	2377.7	4.5	Tr
		2377 - 2401' - 5% blotchy qtz, 7-10% diss. py.	2652	2377.7	2381.2	3.5	.08
		at 2393.0' - 31" of 40% diss. py. as bands at 87° to C.A.	2653	2381.2	2385.0	3.8	.02
		2401 - 2406.5' - 15% banded diss. py.	2654	2385.0	2387.5	2.5	Tr
		2406.5-2415.0' - 3.5% diss. py., 10% blotchy qtz	2655	2387.5	2391.0	3.5	Tr
		2415 - 2424.7' - 25% blotchy barren qtz., 1-3% py.	2656	2391.0	2393.5	2.5	.02
2424.7	2445.5	GREY AGGLOMERATE - 35% green alteration (CO ₃ and/or fuchsite), fragments are elongated 85° to C.A. due to shearing. Fragment size and amount of green alteration decrease downhole. Trace of py.	2657	2393.5	2397.3	3.8	.04
			2658	2397.3	2401.0	3.7	Tr
			2659	2401.0	2405.0	4.0	.14
2445.5	2478.0	GREY TUFF - finely fanded 87° to C.A., fine grained, local green alteration. No pyrite.	2660	2405.0	2409.0	4.0	.06
			2661	2409.0	2412.0	3.0	.01
		2462 - 2478' - 60% white qtz-carb as crumpled seams and stringers. Local green alteration.	2662	2412.0	2414.7	2.7	Tr
			2663	2414.7	2420.0	5.3	Tr
2478.0	2583.5	TALC-CHLORITE-QUARTZ-CARBONATE SCHIST - mottled, grey, contorted schistosity at 65° to C.A., broken, blocky, no py.	2664	2420.0	2424.3	4.3	Tr
			2665	2424.3	2426.3	2.0	Tr

DIAMOND DRILL RECORD

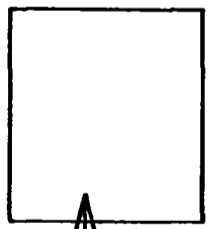
LOGGED BY J. Campbell
D. M. Hendrick

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



D.D.H. No. KAL - 79 - 30 PAGE 6

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
				FROM	TO		
2583.5	2658	FELSIC AGGLOMERATE - greenish-white, pervasive 35% greenish alteration, weakly sheared at 65° to C.A., well fractured with fuchsite in shears and fractures	2666	2426.3	2430.0	3.7	Tr
		2637.5-2658.0' - less green alteration, grading to ankerite and sericitic alteration, sheared and/or bedded at 70° to C.A.					
2658	2710	GREYWACKE - light grey, well developed beds 1-4' thick with sub 6" crumpled argillite layers.					
END OF HOLE							

Handwritten signatures and initials:
 J. Campbell
 D. M. Hendrick

DIAMOND DRILL RECORD

LOGGED BY D. M. Hendrick
B. C. Asbury

Contractor: Heath & Sherwood Drilling, Kirkland Lake,
Ontario

PROPERTY Amalgamated Larder Property, 0-8E, Claim 19424

D.D.H. No. KAL - 79 - 4 PAGE

LATITUDE 125° North of Claim BEARING OF HOLE 343° STARTED May 3, 1979

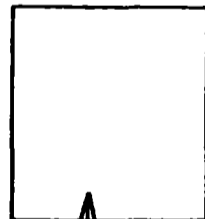
CLAIM No.

DEPARTURE 775' West of S.E. Corner DIP OF HOLE see 1st COMPLETED June 14, 1979

DIRECTION AND DISTANCE FROM

ELEVATION DIP TESTS DEPTH 2989'

NE. CLAIM POST



FOOTAGE FROM TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY			
			FROM	TO					
0.0 - 2282.5	GREYWACKE - greenish grey, f.g., massive, bedding at 5° to C.A., minor erratic quartz carbonate fractures, occasional carbonate-rich (white, good flizz in HCl) horizons				Drilling Data				
	338-438' - fine seams diss. py., 5%, parallel to bedding 7° to C.A.	11 -	964'	Feed control, 600 r.p.l.					
	438-577.5' - typical, bedding 10° to C.A.	11 -	964'	Bit control, 50 foot bit change interval					
	577.5-602.0' - 15% erratic quartz veining, 10°-30° to C.A.	964 -	1252'	Remove feed and bit controls					
	628.5-693' - Fault zone, sheared, quartz-carbonate, at 10° to C.A., broken, blocky core	1252 -	1620'	Feed and bit control					
	at 722.5' - 15' quartz-carbonate-chlorite vein at 15° to C.A.	1620 -	2998'	Remove feed and bit control					
	at 757.5' - 6' " " " at 10° to C.A.			Hole Surveys					
	769.8-776.0' - 50% quartz-carbonate-chlorite, brecciated and fractured (fault?)	0	-86	350	0°	1620	-59.5	339	2.0°
	776' - typical, bedding 10° to C.A.	75	-86	334	0°	1840	-52	343	3.6°
	3' - 1' qtz-carbonate veins at 781', 787', 798', 827', 955', 961'	220	-85.5	338	0.3°	2055	-47	343	2.4°
	820-824' - strong shearing at 70° to C.A., chloritized, fine gr. white carbonate throughout coarser beds (10% of total)	375 535	-84.5 -84	337 336	0.6° 0.4°	2230	-44	343	2.3°
	981' - 2% f. gr. py. at 981' dissem. parallel to bedding	710 910	-82.5 -80.5	335 334	0.9° 1.0°	2460	-39	(ammed)	2.2°
	1108.5' - 10% 3mm py. cubes in 2" horizon of greywacke	1110 1210 1450	-73.0 -67 -63	338 338 341	3.3° 6.3° 1.7°	2795	-28	(ammed)	3°
						2845	-27	339	2°

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DIAMOND DRILL RECORD

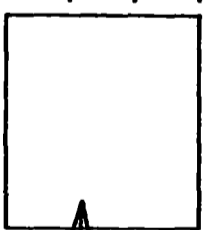
LOGGED BY D. M. Hendrick
B. C. Asbury

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



D.D.H. No. KAL - 79 - 4 PAGE 2

CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
				FROM	TO			
		GREYWACKE (continued)						
		1126-1141' - 60% 1'-2' zones of milky qtz (5% carbonate) with light green, soft, talcy, serpentinite (totalling 25%) adjacent to the zones of qtz for 1"-6". Otherwise greywacke						
		1141-1218' - typical greywacke						
		1218-1250' - abundant 1 mm, often crenulated, veinlets of white carbonate visually parallel to bedding (70° to C.A.), scattered pyrite cubes						
		1250-1460' - typical greywacke, quite dark coloured by 1420' at 1348.5' - several cubes of pyrite up to 1" across surrounded by white carbonate						
		1460-1819' - lighter-grey colour greywacke, turning greenish-grey by 1620', scattered sharp sub 2" qtz-carbonate veins, bedding ~65° to C.A. Fine white carbonate throughout coarser-grained beds						
		1618-1625' - fault zone?, sheared, blocky core						
		1697-1702' - 1" - 1/2" bands of very soft talcy greenish material (parallel to bedding) every 1-3". Same as talcy material associated with qtz zones 1126-1141'						

DIAMOND DRILL RECORD

LOGGED BY D. M. Hendrick
B. C. Asbury

PROPERTY _____

LATITUDE _____

BEARING OF HOLE _____

STARTED _____

DEPARTURE _____

DIP OF HOLE _____

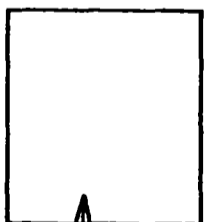
COMPLETED _____

ELEVATION _____

DIP TESTS _____

DEPTH _____

D.D.H. No. KAL - 79 - 4 PAGE 3



CLAIM No. _____
DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
				FROM	TO			
		1819-1856' - Fragmental rock - agglomerate or conglomeratic greywacke. Up to 30% very stretched white carbonate-rich fragments up to 1/2" thick and stretched 1/2". Matrix very fine-grained greenish, 1% pyrite dissem. throughout. Decreasing fragment content downhole.						
		1856-1951' - Greywacke - typical, greenish grey generally very fine-grained with 15% coarser, white carbonate-rich beds						
		1951-1957' - very fine-grained, light green mudstone with flame structures at contacts with sub 1" coarser beds						
		1910-1980' - often blocky ground for drilling and evidence of folding with bedding angle often decreases locally to 10-15° to C.A. and brecciation from 1922-1926'						
		1957-2110' - typical greenish grey greywacke with variable bed thicknesses 1/8" to 6". Bedding at 60° to C.A., scattered 3/8" cross- cutting qtz-carb veins, rare traces of py., tops difficult to determine since coarser and finer beds are quite sharply distinct						

DIAMOND DRILL RECORD

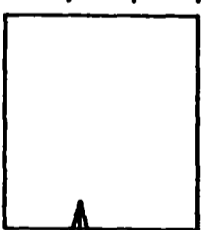
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B. C. Asbury

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____



D.D.H. No. KAL - 79 - 4 PAGE 5

CLAIM No. _____

DIRECTION AND DISTANCE FROM _____

NE. CLAIM POST _____

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
				FROM	TO		
2282.5	2334.1	GREYWACKE, with local interbeds of greenish-grey tuff up to 3' wide, bedded at 70° to C.A., grading from agglomeratic crystal tuff to fine tuff (apparently coarse to fine downhole), 1-3% py with tuff					
		2301.5-2304.2' - agglomeratic tuff with up to 5% py	4979	2301.5	2304.2	2.7	tr.
		2304.2-2328.5' - agglomeratic, with stretched sheared fragments, fuchsite along shearing planes					
		2328.5-2334.1' - sheared rhyolitic agglomerate banded at 60° to C.A. with banded chert horizon 2330.4-2331 and milky qtz zone at 233.7-2334.1. Highly sheared and brecciated at 2331.					
23341.	2379.9	TALC-CHLORITE-CARBONATE SCHIST - banded at 70° to C.A. Black talc-chlorite, brecciated-appearing matrix with 20% irregular contorted blebs and bands of whitish-greenish carbonate (weak fizz in HCl). Scattered 1"-2" qtz blobs. Definite agglomeratic-tuffaceous textures 2360'-2367', (rare scattered pyrite cubes), cherty zone 2367'-2367.8'					
2379.9	2397.3	INTERMEDIATE CARBONATED TUFF - medium grained greenish-grey tuff with 15% and 1/2" concordant bands of carbonate and qtz-carbonate					

DIAMOND DRILL RECORD

LOGGED BY D. M. Hendrick
B. C. Asbury

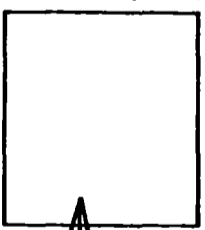
PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. KAL - 79 - 4 PAGE 6



CLAIM No. _____
DIRECTION AND DISTANCE FROM
NE. CLAIM POST

FOOTAGE FROM TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
			FROM	TO		
	Fine, moderately fizzing, creamy-white carbonate abundantly disseminated throughout					
2397.3 - 2476.7	PYRITIC TUFF - steel grey rhyolite tuff (very hard) with fine dissem. carb throughout (good fizz). Emerald green fuchsite alteration in places, especially 2413-2416.5'. 1-30% dissem. pyrite cubes (sub 1/8") usually concentrated parallel to bedding (65° to C.A.)	49702	2397.3	2400	2.7	tr
	Pyritic concentrations greater than 2%: 2402-2404.4 - 5%	49703	2400	2404	4.0	tr
	2416-2418.8 - 2%	49704	2404	2408.6	4.6	tr
	2425.3-2441 - 3%	49705	2408.6	2412.8	4.2	tr
	2441-2442.3 - 10%	49706	2412.8	2416.0	3.2	tr
	2422.2-2423.6', 2452.3-2454.2' up to 50% dark chlorite and graphite	49707	2416.0	2418.8	2.8	.14
	at 2398.8', 2400', 2400.6', 2406.6', 2407.7', 2412.8' - concentrations of white barren qtz, 1"-3", some carbonate	49708	2418.8	2422.4	3.6	tr
	2459-2466 - very fine-grained grey-black rhyolitic tuff, 2-5% py	49709	2422.4	2423.6	1.2	.01
	up to 25% sub 1" qtz veins and stringers	49710	2423.6	2425.3	1.7	.01
		49711	2425.3	2428	2.7	.01
		49712	2428	2431	3.0	.02
		49713	2431	2434	3.0	tr
		49714	2434	2437	3.0	.01
		49715	2437	2440	3.0	tr

DIAMOND DRILL RECORD

LOGGED BY D. M. Hendrick
B. C. Asbury

PROPERTY _____

D.D.H. No. KAL - 79 - 4 PAGE 7

LATITUDE _____ BEARING OF HOLE _____

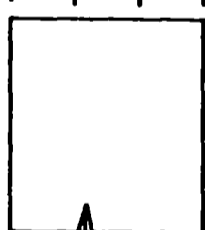
STARTED _____

DEPARTURE _____ DIP OF HOLE _____

COMPLETED _____

ELEVATION _____ DIP TESTS _____

DEPTH _____



CLAIM No. _____

DIRECTION AND DISTANCE FROM _____

NE. CLAIM POST _____

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY
				FROM	TO		
			49716	2440	2443	3.0	tr
			49717	2443	2446	3.0	.04
			49718	2446	2449	3.0	.01
			49719	2449	2452.3	3.3	.01
			49720	2452.3	2454.2	1.0	tr
			49721	2454.2	2457	2.8	tr
			49722	2457	2460	3.0	tr
		2466-2474.7' - tuff, up to 10% py, well bedded at 65° to C.A.	49723	2460	2463	3.0	.01
		2474.7-2476.7'-70% cherty qtz zone	49724	2463	2466	3.0	tr
			49725	2466	2469	3.0	tr
			49726	2469	2472	3.0	tr
			49727	2472	2476.2	4.2	tr
2476.7	2513	CARBONATED RHYOLITE TUFF - well bedded at 65-70° to C.A. No pyrite except					
		2487.5-2490 with 15% clots and stringers of py,	49728	2487.5	2490	2.5	tr
		traces of fuchsite alteration along slips 2492 -					
2513	2577.5	TALC-CHLORITE-CARBONATE SCHIST - well banded at 60-65° to C.A. In most places pyroclastic bedding is preserved - probably					

DIAMOND DRILL RECORD

LOGGED BY D. M. Hendrick
B. C. Asbury

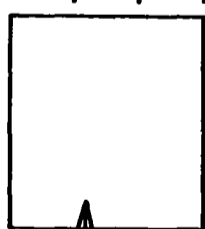
PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

D.D.H. No. KAL - 79 - 4 PAGE 8



CLAIM No. _____

DIRECTION AND DISTANCE FROM

NE. CLAIM POST

FOOTAGE FROM	TO	DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
				FROM	TO			
		an andesitic tuff subsequently sheared and faulted, 1' faulted and very sheared crumbly zones common						
2577.5	2744	ANDESITE FLOW - green fine to medium-grained andesite, foliated at 65° to C.A. scattered sub 1" Qtz-carb veins and bands, tuffaceous texture In places. Rare scattered py. Sharp upper and lower contacts.						
2744	2801	ANDESITIC TUFF - generally medium-grained with common fragmental textures. Contorted banding at 60° to C.A., 10-30% irregular sub 1" Qtz-carb veins and clots 2767 - 8" fault zone						
2801	2820.6	2782-2801 - sheared, talcy and blocky core, fragmental textures common AGGLOMERATE OR BRECCIATED FLOW - felsic to int., contorted, brecciated, abundant creamy yellow carbonate alteration.						
2820.6	2960.5	No green fuchsite alteration (see 2580-2630) FELSIC AGGLOMERATE - grey, sheared and contorted, 15-20% creamy sericitic- carbonate stringers Scattered zones of black chlorite (tgraphite) - rich (up to 50%)	22600	2846.3	2847.3	1.0	n11	

DIAMOND DRILL RECORD

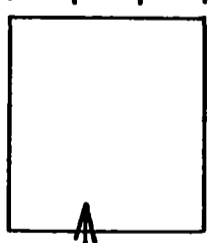
LOGGED BY D. M. Hendrick
B. C. Asbury

PROPERTY _____

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH _____

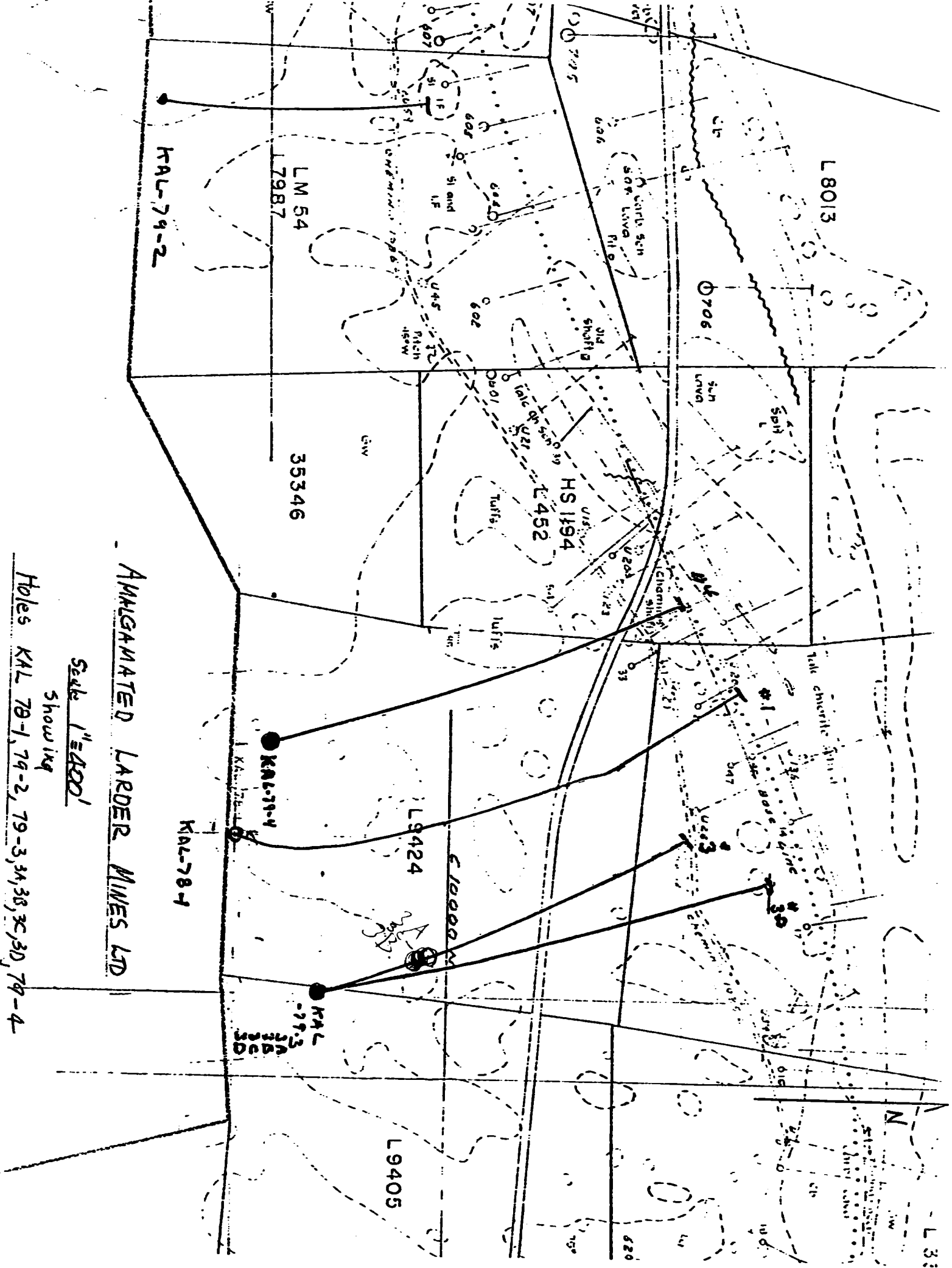


D.D.H. No. KAL - 79 - 4 PAGE 9
CLAIM No. _____

DIRECTION AND DISTANCE FROM _____
NE. CLAIM POST _____

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
		tuffaceous aggl. at 2826'-2829' and 2832'-2833' as well as other scattered sub 2" chloritic tuff beds, rare scattered clots of dissem. py.						
		2856-2876' - quite massive, very little bedding, only traces of dark chlorite along slips, 5% dissem. py. at 2856.5-2858.0'. Interfingerings of dark chlorite-rich fine tuff as a matrix for contorted agglomeratic clasts. Abundant stringers of creamy-greenish-yellow sericitic or carbonate alteration.						
2960.5	2989'	GREYWACKE - uniform, massive, medium-grained, buff green-tan, sandstone textured sediment with scattered interbeds (1"-1') of chloritic agglomerate (banded at 70° to C.A.). Graded bedding suggesting tops downhole. No pyrite.						
		2989' END OF HOLE						

Handwritten signature: D.M. Hendrick

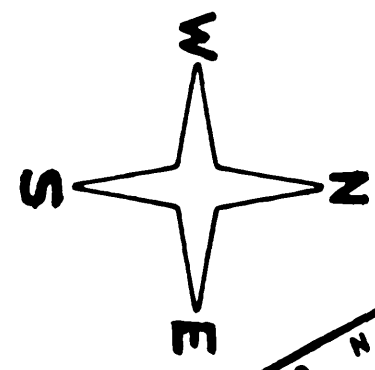


AMALGAMATED LARDER MINES LAND

Scale 1"=400'
Showing

Holes KAL 79-1, 79-2, 79-3, 34, 38, 3C, 3D, 79-4





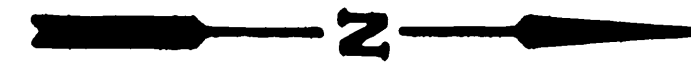
K.A.L. 79-3
330' N OF SURFACE
550' E OF DRILL KAL 79-1

S U R F A C E

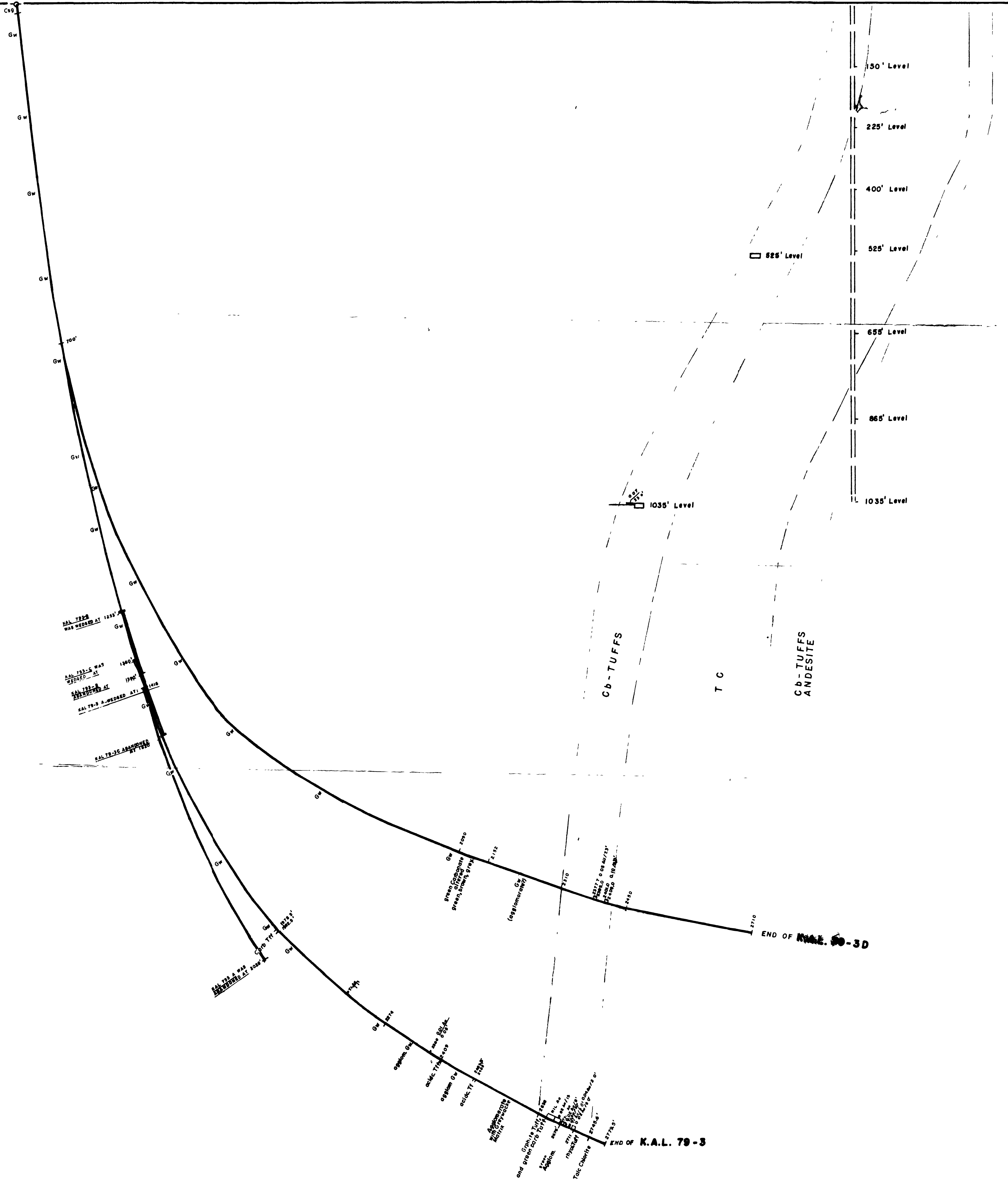
P R O J E C T I O N

KAL 79-3 END

KAL 79-3D END



AMALGAMATED LARDER, PROPERTY BOUNDARY L 9405



KERR ADDISON MINES LIMITED

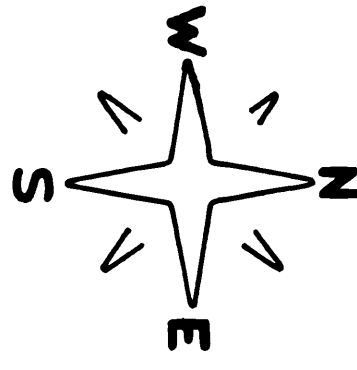
AMALGAMATED LARDER OPTION "O-8"
McVITTIE TOWNSHIP ONTARIO

**DRILL SECTION LOOKING WEST
HOLE KAL. 79-3**

Scale 1" = 100 ft. dm: Str Apt. 1978



300458041 83 3080 McVITTIE



KAL-79-4
185' N of Claim Boundary
775' W of SE-Corner

the holes Surface Projection

830'
875'
920'
970'
1010'
1050'
1090'
1130'
1170'
1210'

Gwke TC Ca.Tf. T.C

150'
275'
400'
525'
695'
865'
1035'

c 10-61 T.F. Ca.

2000'

Coaly Tuff
Silt & Tuff
Tuff-Ch. Congl.
Int. Congl. Tuff
Pyritic Tuff
Pyritic Tuff (S.S.)
Tuff-Ch. Congl.
Rhyolite tuff

And. Tuff
Pyritic Tuff
Pyritic Tuff (S.S.)
Tuff-Ch. Congl.
Rhyolite tuff

