

52011SW0018 34 MCVICAR LAKE

010

DIAMOND DRILLING

AREA: McVICAR LAKE

REPORT NO: 34

WORK PERFORMED FOR: BHP - Utah Mines Ltd.

RECORDED HOLDER: Same as above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
KRL 846028	ML-31	384'	Aug/87	(1)
	ML-32	299'	Aug/87	(1)
	ML-33	289'	Aug/87	(1)
	ML-34	359'	Aug/87	(1)

1331'

NOTES: (1) #W8803.094, filed in August/88

Hole No. ML 31

Project: 1 5

Page No: 1 Of 7

Casing Collar Elev.: Ground Elev.:

Date Started: Aug 7, 1987

Ref. to Claim Corner:

Coordinates: NG 21003 N: 1150 E.

Date Finished: Aug 8, 1987

Scale: 1" = 10'

Inclination: -43° Bearing: 240°

Total Depth: 384'

Logged By: R.G. BONNER

SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS: To test down dip extension of altered zone.	AVE CORE REC'Y/HOLE	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	Carbonate	Silification												
0						OVERBURDEN 0' - 18.5'								
10						CASING REMAINS								
20						ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES OFFICE APR 12 1988 RECEIVED APR - 2 1988 PATRICIA MINING DIVISION								
30						BASALT 18.5' - 54.5'								
40						VERY FINE GRAINED TO FINE, DARK CRISTALLINE, PERVASIVE FIBROUS ALTERATION FRONTS, FINE YELLOW GREEN CLAY VEGEETS. RADIALLY SYMMETRIC, PATCHY CLAY. SUGGESTIVE OF A CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. FRACTURED, FINE GRAINED CRISTALLINE, FIBROUS ALTERATION FRONTS, CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING.								
50						INTERMEDIATE INTERLIVE 54.5' - 57.0'								
						FINE GRAINED, DARK CRISTALLINE, FIBROUS ALTERATION FRONTS - RECENT OVER BURDEN. FINE GRAINED, FIBROUS ALTERATION FRONTS, CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. FRACTURED, FINE GRAINED CRISTALLINE, FIBROUS ALTERATION FRONTS, CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING.								
						GABBRO 57.0' - 62.8'								
						FINE GRAINED, LIGHT CRISTALLINE, FIBROUS ALTERATION FRONTS - RECENT OVER BURDEN. FINE GRAINED, FIBROUS ALTERATION FRONTS, CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. FRACTURED, FINE GRAINED CRISTALLINE, FIBROUS ALTERATION FRONTS, CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING. CLAY RING.								
						SHARP								
						SHARP								

Hole No ML 31

Project: 1

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Casing Collar Elev.: Ground Elev.:

Date Started: Aug 7, 1987

Ref. to Claim Corner:

Coordinates: NG 24003 N. 1+50 E.

Date Finished: Aug 8, 1987

Scale: 1" = 10'

Inclination: -43° Bearing: 240°

Total Depth: 384'

Logged By: R. G. BONNER

SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE	Sulphides Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	Carbonate	Silicification											
60						SHARP							
70						66' PRIMARY BANDING AT 55° TO CA			100	80			
						72.5' FELSIC DYKE							
80						SHARP							
90													
100													
110													

BRECCIATED GABBRO 62.8' - 65.6'

FINE GRAINED, LIGHT TO DARK GREY, SEMI-ANGULAR FRAGMENTS
OF GABBRO, WITH WHITE CARBONATE CEMENT, FRAGMENTS
BEING INTERMEDIATELY SIZED WITH GABBRO, NO VISIBLE SULPHIDES,
POSSIBLE MINOR QUARTZ CEMENT

BRECCIATED IRON FORMATION 65.5' - 65.8'

FINE GRAINED, DARK BROWN TO BLACK, MASSIVE, MAGNETITE
FRAGMENTED FRAGMENTS WITH GABBRO, INTERFACED CARBONATE CEMENT

BRECCIATED GABBRO 65.8' - 66.4'

AS IN 65.5' - 65.8'

BRECCIATED IRON FORMATION 66.4' - 66.6'

AS IN 65.5' - 65.8'

BRECCIATED GABBRO 66.6' - 67.8'

AS IN 65.5' - 65.8'

BANDED IRON FORMATION 67.8' - 68.5'

AS IN 65.5' - 65.8', BANDS OF MAGNETITE WITH GREEN CHERTY BANDS,
BOLDED, DARK GREY TO BLACK, FRAGMENTED, INTERFACED CARBONATE
CEMENT, QUARTZ CEMENT, AND SULPHIDES

BRECCIATED GABBRO 68.5' - 76.2'

AS IN 65.5' - 65.8', LAST 6.7' OF CORE CHANGES TO FRAGMENTS OF
IRON FORMATION

GABBRO 76.2' - 167.3'

MEDIUM GRAINED, MOTTLED DARK GREY TO WHITE, MASSIVE, PORPHYRY, AS
FACED, DARK GREY TO WHITE, MOTTLED, INTERFACED CARBONATE
CEMENT, QUARTZ CEMENT, AND SULPHIDES

Hole No. ML31

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Casing Collar Elev.: Ground Elev.:

Date Started: Aug 07, 1987

Ref. to Claim Corner:

Coordinates: NG 24003 N. 1450 E.

Date Finished: Aug 09, 1987

Scale: 1" = 10'

Inclination: -43° Bearing: 240°

Total Depth: 384'

Logged By: R. G. BONNER

SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE	% Sulphides Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	Carbonate	Silicification											
120						DESCRIPTIVE GEOLOGY							
130						GABBRO 76.2' - 167.3'				85			
140						BEARINGLY WEAKLY FOLIATED			100				
150						148' WEAK FOLIATION AT 55° TO CA			100				
160									100				
170						SHARP 169' DIP TEST - 38° (Corr) RUBBLE OSCURE CONTACT RUBBLE			100				
						INTERMEDIATE IMPURE - PORPHYRIC MOONITE 167.3' - 193'							
						APPHANTIC, DARK BROWN, SILTY, WITH 5% APPHANTIC (LIMBS) BAILLOWY ORIENTED EPIDOTE, SILTY CARBONATE ALONG FRACTURES AS IN 148' - 170'			100				
						GABBRO 193' - 245.6'							
						AS IN 148' - 170', WEAKLY FOLIATED, BUT BROKE SUBSTANTIALLY BEAR FOLIOLE			60				

Inclination: -43° Bearing: 240°

Total Depth: 384'

Logged By: R.G. BONNER

SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	Ave CORE REC'Y/HOLE	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	Carbonate	Silicification				DESCRIPTIVE GEOLOGY								
180						181' FOLIATION AT 45° TO CA	GABBRO 173.1 - 245.6'	cont...	Tr P _d P _c	100	BQ			
190									Tr P _d P _c	100				
200						201' GABBRO DYKE - SHARP CONTACTS WELL FOLIATED, BANDED			Tr P _d P _c	100				
210						205' BRECCIA - CARB CEMENT			Tr P _d P _c	100				
220									Tr P _d P _c	100				
230									Tr P _d P _c	100				
236							235' - 245.6' RECONSTRUCTED INTERVAL OF ESTIMATED GABBRO		Tr P _d P _c	100				

Inclination: -43° Bearing: 240°

Project: 2

Date Started: Aug 07, 1987

Date Finished: Aug 09, 1987

Total Depth: 384'

Page No: 5 Of 7

Ref. to Claim Corner:

Scale: 1" = 10'

Logged By: R.G. BONNIER

[illegible]

. Hole N^o KL 31

Project: 1

Page No: 6 Of 7

Casing Collar Elev.: Ground Elev.:

Date Started: Aug 07, 1987

Ref. to Claim Corner:

Coordinates: NG 2100 S N. 1450 E.

Date Finished: Aug 08, 1987

Scale: 1" = 10'

Inclination: -43° Bearing: 240°

Total Depth: 384'

Logged By: R.G. BENNER

[illegible]

Casing Collar Elev.: Ground Elev.:

Date Started: Aug 07, 1987

Ref. to Claim Corner:

Coordinates: NG 21003 N. 1450 E.

Date Finished: Aug 09, 1987

Scale: 1" = 10'

Inclination: -43° Bearing: 240°

Total Depth: 384'

Logged By: R.G. BONNER

[illegible]

Hole No. WIL 32.

Project: 1

Page No: 1 Of 5

Casing Collar Elev.: Ground Elev.:

Date Started: Aug 10, 1987

Ref. to Claim Corner:

Coordinates: NG 3400 S. N. 1450 E.

Date Finished: Aug 11, 1987

Scale: 1"=10'

Inclination: -70° Bearing: 240°

Total Depth: 299'

Logged By: R. G. Bonner

[illegible]

Inclination: -70° Bearing: 240°

Total Depth: 299'

Logged By: R. G. BOWNER

SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE 100%	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
60						SHARP								
						<u>BRECCIATED BASALT</u> 56.7' - 59' FINE GRAINED, DARK COLORED, 100% TO 20% HEAVILY FOLIATED FRAGMENTS IN WHITE CARBONATE CEMENT. TRACE FOLIATE BASALT IN FOLIATED PHYLIC AS IN 59' - 56.7' <u>IONALITE</u> 59' - 60.7' AS IN 59' - 59', LOCALLY FOLIATED, UP TO 1% PURELY LOCAL <u>GABBRIO</u> 60.7' - 131.5' FINE TO MEDIUM GRAINED, LIGHT GREENISH, MASSIVE TO SPARSELY FOLIATED, 20% 30% FINE GRAINED, EQUICRISTAL, INDICATED TO 60' WITH WHITE CARBONATE CEMENT. TRACE FOLIATE BASALT IN FOLIATED PHYLIC UP TO 1% PURELY LOCAL 90' - 100' INTERESTING CORRELATION, SHOWS REMARKABLE MINERAL GROWTH AS GROUND	56.7 59 60.7 131.5	100 100 100 100 100 100	80 100 100 100 100 100					

Inclination: -70° Bearing: 240°

Total Depth: 299'

Logged By: R. G. BONNER

SECTION	ALTERATION				FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE 100 %	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	Fe Carbonate	Albite Green Mica	Carbonate	Silicification												
120							SHARP	<u>GABBRO</u> 115.2' - 121.5' cont.					BQ			
								115.2' - 121.5' FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			100					
130							SHARP	121.5' - 124.5' FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			100					
								<u>PRECIPITATED GABBRO</u> 130.5' - 142.5'			100					
								FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			100					
140							SHARP	<u>PRECIPITATED GABBRO</u> 142.5' - 144.4'			95					
								FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			95					
150							SHARP	<u>PRECIPITATED GABBRO</u> 144.4' - 155.7'			100					
								FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			100					
160							SHARP	<u>PRECIPITATED GABBRO</u> 155.7' - 161.9'			100					
								FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			100					
170							SHARP	161.9' - 170.0' FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			100					
								161.9' - 170.0' FINE GRANITE, DARK GREEN, MASSIVE, IN MANY PLACES WITH 1% FINE-GRANULAR FELDSPAR (SHARP) PARTLY CORROSIVED, MINOR QUARTZ, WITH SOME MINORING, GREAT EXTENT OF CRACKS - BARASTIC			100					

Hole No. ML 32

Project: 1

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Casing Collar Elev.: Ground Elev.:

Date Started: Aug 10, 1987

Ref. to Claim Corner:

Coordinates: NG 3400S. N. 1450 E.

Date Finished: Aug 11, 1987

Scale: 1" = 10'

Inclination: -70° Bearing: 240°

Total Depth: 299'

Logged By: R. G. BOWNER

SECTION	ALTERATION			FRACTURING SIGNIFICATION	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE 100 %	% Sulphides Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp.	Int. Esti- mated
	Apple Green Micro Carbonate	Silicification	GEOLOGY											
180						BRECCIATED GABBRO 185.7' - 191.7'	cont ...				130			
190						SHARP				100				
190						SHARP								
190						SHARP								
200						SHARP								
200						200' FOLIATION AT 55° TO CA								
200						QZ VEGE SHARP								
210						SHARP								
220						215' FOLIATION AT 45° TO CA								
220						222' FOLIATION AT 55° TO CA								
230						228' DIORITE DYKE FOLIATED, FRACTURED								
230						231' DIORITE DYKE								
230						232.5' DIORITE DYKE								
230						233' FOLIATION AT 55° TO CA								
230						SHARP								
230						SHARP								
						236.4' - 236.6' APPLE GREEN MICROCARBONATE AS IN 220.4' - 220.6'				100				

Hole No. ML 32

Project: 1

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Casing Collar Elev.: Ground Elev.:

Date Started: Aug 10, 1987

Ref. to Claim Corner:

Coordinates: NG 31005 N. 1150 E.

Date Finished: Aug 11, 1987

Scale: 1" = 10'

Inclination: -76° Bearing: 240°

Total Depth: 299'

Logged By: R. G. BONNER

SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE 100 %	Sulphides Drilling Interval % Core Recovered Core Size Sample Interval % Rec'y Samp. Int.	Estimated
	Albite Green Mica	Carbonate	Slucification							
240							ALTERED ZONE 240.0' - 255.0'			
							240.0 - 255.0' FINE GRAINED, DARK GREY TO YELLOWS GREEN, VARIABLE WITH ALTERATION, FRAGMENTED ALTERATION AT CONTACTS AND PROGRESSIVE MIGRATION OUTWARD FROM FRACTURES, MOD. SERICITIZATION, CARB. AS FRACTURE COATINGS AND FILINGS AND IN WEAK BRECCIATION ZONES IN THE SECTION, PASSIVE TO TIGHTEN, TRACE TO 1% FINE AS DISSEMINATIONS AND FILLS		100	50
250									100	
260							BRECCIATED GABBRO 255.0' - 272.0'			
							FINE TO MED. GRAINED, DARK GREY, PHENOCRYSTIC, MODERATE DEGREE OF CARBONATE ALSO AS BRECCIATION AND FRACTURE FILLS, PASSIVE TO FOLIATED, FROTHER THAN EXPECTED, TRACE FROTH		100	
270									100	
280							GABBRO 272.0' - 299'			
							AS IN 272.0' - 299'		100	
290									100	
299							299' DIP TEST (3) ILLEGIBLE			
							END OF HOLE - 299'			

Hole No ML33

Project: 11 - THE LAKE 11146

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Casing Collar Elev.: Ground Elev.:

Date Started: August 12, 1984

Ref. to Claim Corner:

Coordinates: N6L34005 N. 1450 E.

Date Finished: August 14, 1984

Scale: 1"=10'

Inclination: -45° Bearing: 240°

Total Depth: 289'

Logged By: PNT

SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	CALCINATE	SILICA													
0							DESCRIPTIVE GEOLOGY								
10							SUPREMACY 0-10'								
20							TONALITE (QUARTZ INTRUSIVE) 10'-31.6'		70 P1	19'	90%	BQ			
30							SHARP DISCONTINUOUS INTRUSIVE CONTACT		70 P1	29'	100%				
40							SHARP DISCONTINUOUS INTRUSIVE CONTACT		70 P1	29'	100%				
50							SHARP DISCONTINUOUS INTRUSIVE CONTACT		70 P1 (SSEP)	49'	100%				
							SHARP DISCONTINUOUS INTRUSIVE CONTACT 60' CA.		70 P1	49'	100%	54'			
							SHARP DISCONTINUOUS INTRUSIVE CONTACT 60' CA.		70 P1	49'	100%	54'			

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
APR 12 1988
RECEIVED

GABRO XENOLITH 30.2'-31.6'

TONALITE 31.6'-38.5'

GABRO XENOLITH 33.5'-38.0'

TONALITE 38.0'-45.1'

GABRO 45.1'-54.0'

Inclination: -45° Bearing: 240°

Total Depth: 2891'

Logged By: Puri

[illegible]

Inclination: -45° Bearing: 240°

Total Depth: 2891'

Logged By: KNT

[illegible]

Hole No. H033

Project: 1 CAP CASE 1996

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Casing Collar Elev.: Ground Elev.:

Date Started: AUGUST 12, 1989

Ref. to Claim Corner:

Coordinates: U 3400S N. 145 E.

Date Finished: AUGUST 14, 1989

Scale: 1"=10'

Inclination: -45° Bearing: 240°

Total Depth: 2801'

Logged By: RMT

SECTION	ALTERATION			FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	APPL GREEN MICA	CARBONATE	SILICA												
180							TRANSVERSE LINE AS IN 182.5' - 184.5' 2-3% PY.		20 P1			BQ	183' 181.5'	1585	
190									TR P1	181'	100%				
200							ALTERED ZONE 220' (APPROX.) - 234' UPPER CONTACT GRAB SAMPLE TAKEN WHERE ROCK BECOMES INTENSELY FOLIATED AND BRECCIATION ENDS. 220' - 223' INTENSELY FOLIATED GARNET, LIGHT GREEN QUARTZ, FINE GRANIC (CHLORITIC) TEXTURE WITH LOW RECRYSTALLIZATION ALTERATION, WITH PATCHY SILICA ALTERATION AS ON SCALE PATCHES (BRECCIATION) AND AT SCALE FRAGMENTS. BOTH ARE FOLIATED // AND VERTICAL.		TR P1	199'	100%				
210							223' - 236.3' INTENSELY FOLIATED GARNET, LIGHT GREEN QUARTZ, FINE GRANIC, FOLIATED TEXTURE COMPOSING. MINOR SCALE FOLIATION // ALTERED. FINE FRAGMENTS SURROUNDED BY SILICA. REGULARLY PATCHY CH SCALE SILICA ALTERATION + DISCRETE DH / CH FOLIATION PARALLEL. CRISTOLITE SIGNS INTENSE TO MODERATE GREEN / LIGHT ALTERATION VERY GREEN / LIGHT ALTERATION		TR P1	209'	100%		215		
220							236.3' - 244' MASSIVE QUARTZ FINE BLUE QUARTZ, WITH 10% (MAX) FINE FRAGMENTS CHANGING ON SCALE. FINEST WITH LIGHT GREEN GREEN U.F.G. ROCK OF INTERMEDIATE COMPOSITION CONTAINING 2-4% FINE GRANICALLY PYRITE BETWEEN 236.3' - 239.3' AND SCATTERED CH/DA SCALE FRAGMENTS AND LIPS OF INTENSE APPL GREEN MICA ALTERATION AT 239.2' ONE FRAGMENT OF BOTH TYPES IN SHALY CONTACT		TR P1	239'	100%		220 223 225 225.8	1586 1587 1588 1590	
230									TR P1	229'	100%		229 231 231.4 231.3	1591 1592 1593	

Inclination: -45° Bearing: 240°

Total Depth: 289'

Logged By: RNT

[illegible]

Hole No ML 34

Project: 1

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Casing Collar Elev.: Ground Elev.:

Date Started: Aug 10, 1987

Ref. to Claim Corner:

Coordinates: NG 34005 N: 2450 E.

Date Finished: Aug 17, 1987

Scale: 1" = 10'

Inclination: -75° Bearing: 240°

Total Depth: 359'

Logged By: R. G. BONNER

SECTION	ALTERATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE 100 %	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp. Int.	Esti- mated
	Carbonate	Silicification												
0						OVERBURDEN 0' - 14'								
10						ONTARIO GEOLOGICAL SURVEY CASING PERMIT ASSESSMENT FILES OFFICE APR 12 1988								
20						RECEIVED ASSOCIATED GABBRO 14' - 34.4' MED TO FINE GRAINED, DARK GREEN, MASSIVE TO SLIGHT FOLIATED FRAGMENTS IN WHITE CAL. ANHYDROUS, RECRYSTALLIZED, 10-15% QUARTZ TO MEDIUM GRAINED, BROWNISH, 10-15% QUARTZ, TRACE TO 1% PYRITE AND PYRITOID		Tr Py ↓ 14	100		STEEL CASING ↓ BQ			
30						19.1' - 20.0' MFG FINE GRAINED, BROWNISH, 10-15% QUARTZ		Tr Py ↓ 15	100			23.5	100	1600
40						30.1' - 32.5' ASSOCIATED MED GRAINED XENOLITE (UNRECOVERED LOSS)		Tr Py ↓ 25				25		
50						GABBRO 34.4' - 35.2' MEDIUM GRAINED, DARK GREEN, MASSIVE TO SLIGHTLY FOLIATED BREAK FRAGMENTATION, BROWNISH, 10-15% QUARTZ, 10-15% PYRITE TO MEDIUM GRAINED, BROWNISH, 10-15% QUARTZ, 10-15% PYRITE TO MEDIUM GRAINED, BROWNISH, 10-15% QUARTZ, 10-15% PYRITE		Tr Py Cr ↓ 35	100					
						FEELSIC IMPURATIVE 35.2' - 35.9' VERY FINE GRAINED, DARK GREEN, MASSIVE TO SLIGHTLY FOLIATED TO MEDIUM GRAINED, BROWNISH, 10-15% QUARTZ, 10-15% PYRITE TO MEDIUM GRAINED, BROWNISH, 10-15% QUARTZ, 10-15% PYRITE TO MEDIUM GRAINED, BROWNISH, 10-15% QUARTZ, 10-15% PYRITE		Tr Py Cr ↓ 49	100					
								Tr Py ↓ 54						

SHARP
35° FOLIATION AT
30° TO CASHARP
50° SILICA VEINETS
AT 35° TO CA

Inclination: -75 Bearing: 240°

Total Depth: 359'

Logged By: R.G. BONNER

[illegible]

Hole No ML 34

Project: 6

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Casing Collar Elev.: Ground Elev.:

Date Started: Aug 16, 1987

Ref. to Claim Corner:

Coordinates: NG 3+005 N. 2+50 E.

Date Finished: Aug 17, 1987

Scale: 1"=10'

Inclination: -75° Bearing: 240°

Total Depth: 359'

Logged By: R. G. BONNER

SECTION	ALTERATION				GEOLOGY	COMMENTS:	AVE CORE REC'Y/HOLE 100%	% Sulphides	Drilling Interval	% Core Recovered	Core Size	Sample Interval	% Rec'y Samp.	Int.	Esti- mated
	Carbonate	Silicification	FRACTURING	MINERAL											
180						TONALITE 170.2' - 184.7' cont...					BQ				
190					SHARP SHARP	GABBRO 184.7' - 185.7' AS IN 80.1' - 106.5' INCLUDES 0.4' INTERVAL OF BRECCIATED GABBRO WITH WHITE CARBONATE CEMENT			189	100					
					SHARP	INTERMEDIATE-ELSIC INTRUSIVE 185.7' - 190' AS IN 104.7' - 104.7' SILICIOUS, WEAK CARBONATE ALONG FRACTURES									
					SHARP	BRECCIATED GABBRO 190' - 193.6' AS IN 74.5' - 89.1'				100					
					SHARP	INTERMEDIATE-ELSIC INTRUSIVE 193.6' - 197.7 AS IN 195.9' - 190'									
200						GABBRO 197.7' - 218.4' AS IN 99.1' - 106.5' WEAKLY BRECCIATED AT 208' - 210'			199						
										100					
210									209						
										100					
220					SHARP	TONALITE 218.4' - 227.0' AS IN 106.5' - 121.7' WEAK SERPENTINE ALTERATION ASSOCIATED WITH SMALL OY-CALCULUS TRAILS			219						
										100					
230					SHARP	CHLORITIZED GABBRO 227.0' - 244.0' VERY FINE GRAINED DUSK GREEN, WEAKLY BRECCIATED TO WEAKLY BRECCIATED, WITH WHITE CARBONATE CEMENT - GRADES TO INTERMEDIATE-ELSIC INTRUSIVE, WEAK CARBONATE ALONG FRACTURES ALONG WITH WEAK CARBONATE ALONG FRACTURES			229						
										100					
									237						

Inclination: -75° Bearing: 240°

Total Depth: 359'

Logged By: R.G. BONNER

[illegible]



Ontario

Ministry of
Natural
ResourcesReport
of Work

DOCUMENT No.

W8803-094

The Minin



52011SW0018 34 MCVICAR LAKE

900

Name and Address of Recorded Holder

BHP-Utah Mines Ltd., 900-25 Adelaide St. E., Toronto M5C 1Y2

T.793

Summary of Work Performance and Distribution of Credits

McVicar Lake G-2121 & Sloughton Lake G-2228

Total Work Days Cr. claimed	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.	Mining Claim			Work Days Cr.
	Prefix	Number			Prefix	Number			Prefix	Number		
1331	KRL	902929 et	al									
for Performance of the following work. (Check one only)		(see appended list)										
☐ Manual Work												
☐ Shaft Sinking Drifting or other Lateral Work.												
☐ Compressed Air, other Power driven or mechanical equip.												
☐ Power Stripping												
☒ Diamond or other Core drilling												
☐ Land Survey												

All the work was performed on Mining Claim(s): KRL 846028

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Diamond Drilling Contractor: Langley Drilling, 49 Jayfield Road
Brampton, Ontario L6S 3G3

Equipment Used: JKS 300

Work Period: June 18, 1987 - August 17, 1987

DDH No.	Claim No.	T.D. (Feet)
31	846028	384
32	846028	299
33	846028	289
34	846028	359
TOTAL		1331



RECORDED

Date of Report

March 30, 1988

Recorded Holder or Agent (Signature)

Rodney N. Thomas

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Rodney N. Thomas BHP-Utah Mines Ltd., 900-25 Adelaide St.E., Toronto M5C 1Y2

Date Certified

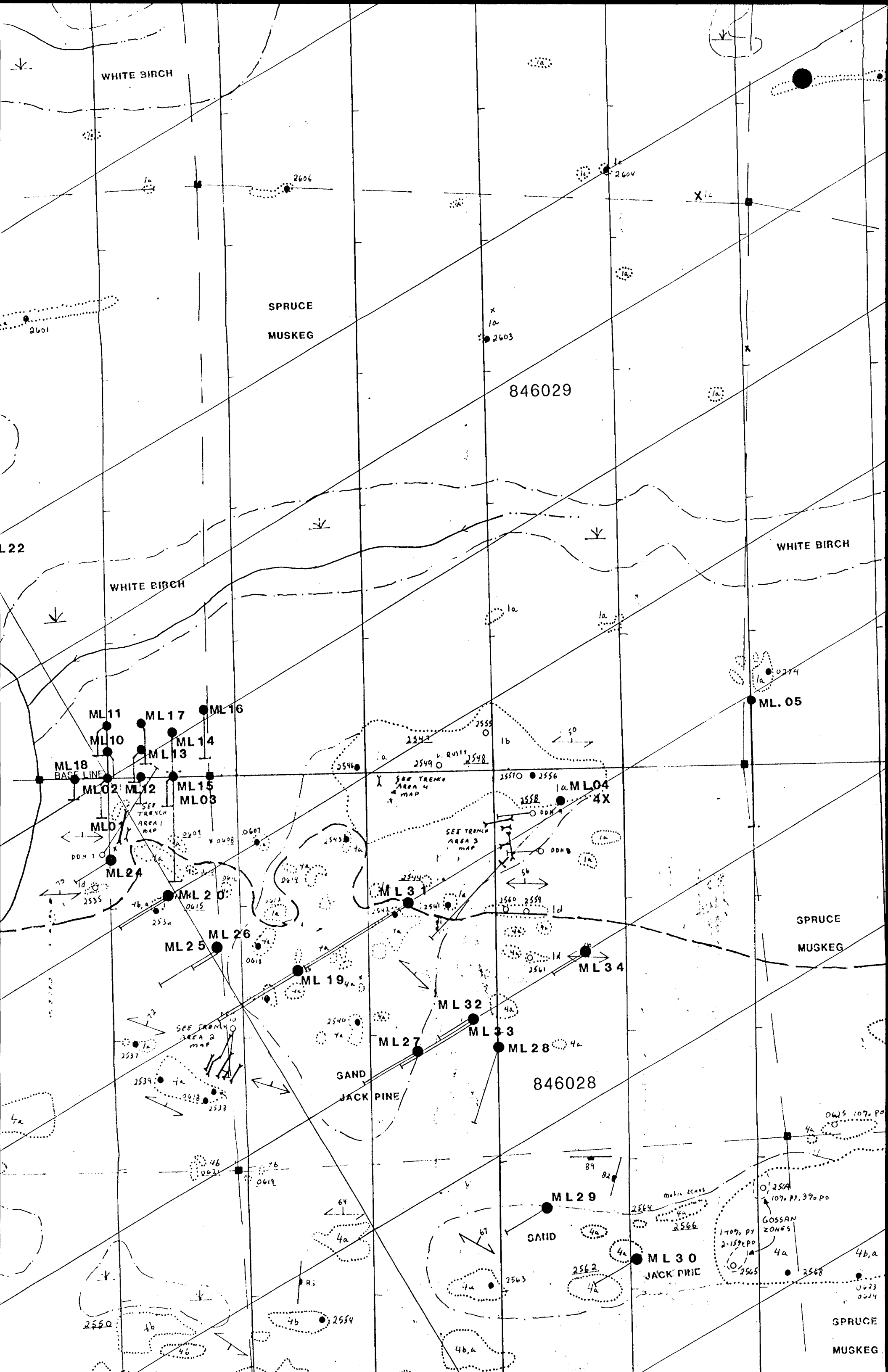
March 30, 1988

Certified by (Signature)

Table of Information/Attachments Required by the Mining Recorder

Rodney N. Thomas

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil



REPORT OF WORK CLAIMLIST - APRIL 05, 1988
MDIV CLAIM RECDATE WKPREFILED AMTWKDUE WKFILED THIS REPORT TALLY

TOTAL 1331 56



REPORT OF WORK CLAIMLIST - APRIL 05, 1988

MDIV	CLAIM	RECDATE	WKP	PREV	FILED	AMT	WKDUE	WKFILED	THIS REPORT	TALLY
KRL	902929	860506	AGC	20	20	20	1			
KRL	902930	860506	AGC	20	20	20	1			
KRL	902931	860506	AGC	20	20	20	1			
KRL	902932	860506	AGC	20	20	20	1			
KRL	902933	860506	AGC	20	20	20	1			
KRL	902934	860506	AGC	20	20	20	1			
KRL	902935	860506	AGC	20	20	20	1			
KRL	902936	860506	AGC	20	20	20	1			
KRL	902937	860506	AGC	20	20	20	1			
KRL	902938	860506	AGC	20	20	20	1			
KRL	902949	860506	AGC	20	20	20	1			
KRL	902950	860506	AGC	20	20	20	1			
KRL	902951	860506	AGC	20	20	20	1			
KRL	902952	860506	AGC	20	20	20	1			
KRL	902953	860506	AGC	20	20	20	1			
KRL	902954	860506	AGC	20	20	20	1			
KRL	902955	860506	AGC	20	20	20	1			
KRL	902956	860506	AGC	20	20	20	1			
KRL	902957	860506	AGC	20	20	20	1			
KRL	902958	860506	AGC	20	20	20	1			
KRL	902983	860506	AGC	20	20	20	1			
KRL	902984	860506	AGC	20	20	20	1			
KRL	902985	860506	AGC	20	20	20	1			
KRL	902986	860506	AGC	20	20	20	1			
KRL	902987	860506	AGC	20	20	20	1			
KRL	902988	860506	AGC	20	20	20	1			
KRL	902989	860506	AGC	20	20	20	1			
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KRL	902994	860506	AGC	20	20	20	1			
KRL	902995	860506	AGC	20	20	20	1			
KRL	902996	860506	AGC	20	20	20	1			
KRL	902997	860506	AGC	20	20	20	1			
KRL	902998	860506	AGC	20	20	20	1			
KRL	902999	860506	AGC	20	20	20	1			
KRL	903000	860506	AGC	20	20	20	1			
KRL	903401	860506	AGC	20	20	20	1			
KRL	903402	860506	AGC	20	20	20	1			
KRL	903403	860506	AGC	20	20	20	1			
KRL	903404	860506	AGC	20	20	20	1			
KRL	903405	860506	AGC	20	20	20	1			
KRL	903406	860506	AGC	20	20	20	1			
KRL	903407	860506	20	40	40	40	1			
KRL	903408	860506	20	40	40	40	1			
KRL	903439	860506	20	40	40	40	1			
KRL	910818	860617	20	40	40	40	1			
KRL	910819	860617	20	40	40	40	1			
KRL	910820	860617	20	40	40	40	1			
KRL	910821	860617	20	40	40	40	1			
KRL	910822	860617	20	40	40	40	1			
KRL	910823	860617	20	40	40	40	1			
KRL	910824	860617	20	40	40	40	1			
KRL	910825	860617	20	40	40	40	1			
KRL	910826	860617	20	40	11	1				



