

044 13 DUNDONALD

Diamond Drilling

Township of DUNDONALD

Report Nº 13

Work performed by: Alsof Mines

Claim Nº	Hole Nº	Footage	Date	Note
L 76872	1	702.0'	July/64	
L 76869	2	535.0'	Aug/64	
L 76870	3	700.0'	Aug/64	
	4	383.0'	Aug/64	
	5	1141.0'	Aug/64	
	6	268.01	Aug/64	

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Notes:

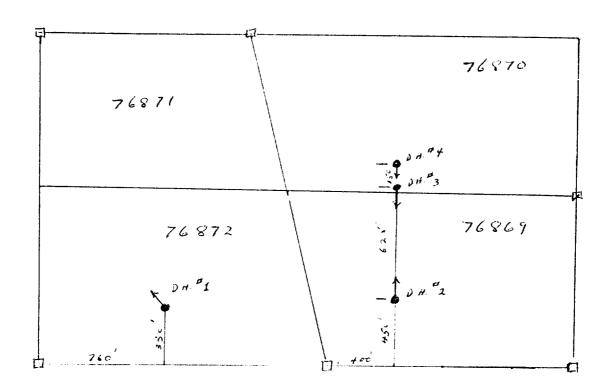
LOCATION PLAN OF

DIAMOND DRILLING

ALSOF MINES LTD.

DUNDONALD TWP, ONTARIO.

11/2



1 = 600

SEPT. 1964 W. A.T.

NAME OF	PROPERTY	ALSOF HINES L	DATED		
DLE NO.	1	LENGTH	0 - 702.0'		
LOCATION	Dundonalo	Tup. Ontario			
LATITUDE	625 S	DEPARTURE	14 W		
ELEVATION		AZIMUTH		DIP	-50°
	July 18, 19	64	July		

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
180	57 ⁰				
350	-				
550	560				

HOLE NO. 1 SHEET NO. 1

REMARKS AX CORE

OGGED BY BOLLE

GE					SAMP	LE			A	SSA	Y S
0		DESCRIPTION	NO.	SULPH- IDES	FROM	FOOTAGE TO	TOTAL	%	76	oz/ton	OZ/TON
2.01	CASING										
7.3	CABBRO DIKE	medium grained green feldspar with 3 directional jointing. No sulphide mineralizations.									
1.5	PERIDOTITE	medium to fine grai ed dark green rock. Jointing slips at 45° to core axis with carbonite deposition on jointing surfaces.			,						
2.5	CABBRO DIKE	as previous dike but with picrolite and colorite on slip joints at 45° to core axis.			•						
9.0	PERIDOTITE	coarse grained olivine magnetite rich rock. Picrolite and minor pyrite on slip joints at 45° to core axis. Good core.					ŗ		-		
7.5	GABBRO DIKE	Very leucocratic with light green feldspars and minor attered pyrite and pyrrhotite. Sample for NICKEL taken.			319.0'	327.5	8.5'				
4.5	PERIDOTITE	medium grained rock with feldspathic segregations in which dimethyl pink staining of the silicates occurs. No sulphide mineralizations.					•				
4.0	PERIDOTITE	in approximately 1/16" veinlets at 45° to core axis.	1								
7	.5	CASING CABBRO DIKE	CASING CABBRO DIKE medium grained green feldspar with 3 directional jointing. No sulphide mineralizations. PERIDOTITE medium to fine grai ed dark green rock. Jointing slips at 45° to core axis with carbonite deposition on jointing surfaces. CABBRO DIKE as previous dike but with picrolite and chlorite on slip joints at 45° to core axis. PERIDOTITE coarse grained olivine magnetite rich rock. Picrolite and minor pyrite on slip joints at 45° to core axis. CABBRO DIKE Very leucocratic with light green feldspars and minor attered pyrite and pyrrhotite. Sample for NICKEL taken. PERIDOTITE medium grained took with feldspathic segregations in which dimethyl pink staining of the silicates occurs. No sulphide mineralizations. PERIDOTITE medium grained dark green rock with picrolite in jointing at 45° to core axis. Cross fiber chrysotit in approximately 1/16" veinlets at 45° to core axis. Very few veinlets occur - no assay value. At 429.6'	CASING CABBRO DIKE medium grained green feldspar with 3 directional jointing. No sulphide mineralizations. PERIDOTITE medium to fine grai ed dark green rock. Jointing slips at 45° to core axis with carbonite deposition on jointing surfaces. CABBRO DIKE as previous dike but with picrolite and chlorite on slip joints at 45° to core axis. PERIDOTITE coarse grained olivine magnetite rich rock. Picrolite and minor pyrite on slip joints at 45° to core axis. GABBRO DIKE Very leucocratic with light green feldspars and minor attered pyrite and pyrrhotite. Sample for NICKEL taken. PERIDOTITE medium grained took with feldspathic segregations in which dimethyl pink staining of the silicates occurs. N sulphide mineralizations. PERIDOTITE medium grained dark green rock with picrolite in jointing at 45° to core axis. Cross fiber chrysotite in approximately 1/16" veinlets at 45° to core axis. Very few veinlets occur - no assay value. At 429.6"	DESCRIPTION NO. 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At 429.6"	CASING CARBRO DIKE medium grained green feldspar with 3 directional jointing. No sulphide mineralizations. PERIDOTITE medium to fine grai ed dark green rock. Jointing slips at 45° to core axis with carbonite deposition on jointing surfaces. CABBRO DIKE as previous dike but with picrolite and chlorite on slip joints at 45° to core axis. CABBRO DIKE coarse grained olivine magnetite rich rock. Picrolite and minor pyrite on slip joints at 45° to core axis. Cood core. CABBRO DIKE Very legocoratic with light green feldspars and minor attered pyrite and pyrrhotite. Sample for NICKEL taken. PERIDOTITE medium grained tock with feldspathic segregations in which dimethyl pink staining of the silicates occurs. N sulphide mineralizations. PERIDOTITE medium grained dark green rock with picrolite in jointing at 45° to core axis. Cross fiber chrysotite in approximately 1/16" veinlets at 45° to core axis. Very few veinlets occur - no assay value. 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Cross fiber chrysotite in approximately 1/16" veinlets at 45° to core axis. Very fee veinlets occur - no assay value. At 42.6' to core axis.	CABBRO DIKE medium grained green feldspar with 3 directional jointing. No sulphide mineralizations. CABBRO DIKE medium to fine grai ed dark green rock. Jointing slips at 45° to core axis with carbonite deposition on jointing surfaces. CABBRO DIKE as previous dike but with picrolite and chlorite on slip joints at 45° to core axis. CABBRO DIKE as previous dike but with picrolite and chlorite on slip joints at 45° to core axis. CABBRO DIKE coarse grained olivine magnetite rich rock. Picrolite and minor pyrite on slip joints at 45° to core axis. CABBRO DIKE Very leucocratic with light green feldspars and minor attered pyrite and pyrrhotite. Sample for NICKEL taken. PERIDOTITE medium grained tock with feldspathic segregations in which dimethyl pink staining of the silicates occurs. N sulphide mineralizations. PERIDOTITE medium grained dark green rock with picrolite in jointing at 45° to core axis. Cross fiber chrysotite in approximately 1/16" veinlets at 45° to core axis. Very few veinlets occur - no assay value. At 429.6'

HONEY PRINTING SERVICE, TORONTO-4504 -2

•	Dista	nce	ROCK	DESCRIPTION	Sample	Length		· · · · · · · · · · · · · · · · · · ·		ANA	YSIS		
		To	NOCK	·	No.	Ft.	Au.	Ag.	РЬ.	Zn.	Cu.	 	Ave.
	454.0	530.2	Peridotite	Medium grained DUNITE phase. A few veinlets of chrysotite cross and slip fiber with picrolite in slip joints at 45° to core axis. Minor magnetite seg	regati	ons.			:			•	
)	530.2	647.0	PERIDOTITE	Medium grained dark green rock. Occasional veinlet of cross or slip fiber chrysotile. Picrolite and crocidolite veinlet in jointing at 50° to core axis. Core lost from 642.5' to 644.0'.									
	647.0	682.0	PERIDOTITE	Altered ultra basic with euhedral feldspars. Few veinlets of picrolite in slip joints at 50° to core axis. Lost core from 648.0° to 649.0° with some indications of a fault gouge and corresponding breccia zone. No visible mineralization.			,						
	682. 0	702.0	Peridotite	Medium grained dark green rock with brown picotite (a spinellid) segregations. No visible mineralization with loss of core from 683' to 685' and from 683' to 684'.	ns								
		:		END OF HOLE 702.0°									
				Remarks: Casing pulled.						-			
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×,													
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i.													
			·										

NAME OF	PROPERTY _	ALSOF	MINES LIMI	red				
HOLE NO.	2			535.0) "			
CCATION	DINDONALD	TWP	ONTARIO					
LATITUDE	0 00		DEPARTURE		5.2	5 S		
ELEVATIO	~~~~~~		AZIMUTH				- 50°	
CT.OT.CO	August 3 10			August		-		

	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
ł						

REMARKS ______

A.C.A. HOWE

F 0 0 1	FAGE			1		SAMF	LE				ASSA	Y S	
FROM	то		DESCRIPTION	NO.	SÚĽPH- IDES	FROM	FOOTAGE TO	TOTAL	3%	36	OZ/TON	oz/ton	
01	1941	CASING	in sand gravel boulders.										
194.0	206.3	DUNITE	light green in colour, olivine, some chlorite, talc and picrolite on slips.										
206.3	287.0	PERIDOTITE	dark green, some chlorite, sections broken, picrolite and talc on slips, few spechs sulphides, several stringers chrysotile up to \$1/16" crossfibre. 227-237 - 1.0 lost core At 235.5 reddish material on slips with picrolite. At 241.6 reddish altered loth like mineral probably Fe alteration. At 247.5 - 1 reddish loth-like altered material in contact with anorthesitic rock, occasional speck Py										
287.0	388.0	DUNITE	light green, several stringers chrysotile, numerous \(\frac{1}{2} \) bands magnetite, occasional spech Py Becomes more broken and fractured below 320°. Several fract. with picrolite and chrysotite, some stringers chrysotile slip and crodd fibre.										
388.0	535.0	DUNITE	mainly good core, several bands magnetite and straingers chrysotile up to 1/16". Few species Py. 388.5 - 393.5 from 416 - 466.6. Few fract. with picrolite and few stringers chrysotile, several ban few spechs sulphides. 447.6 - 451.6 - Lost core From 466.6 increasing stringers of cross-fibre chry some up to 1/16", bands magnetite common up to ½", picrolite on slips, possible minor Po with magnetit Stringers chrysotile becoming very common, cross an slip fibre, sections probably 10% of core. From 512 decrease in number of stringers chrysotile	sotilo		e,							

NAME OF	PROPERTY	ALSO	MINES LIMI	TED		
	3					
LOCATION	DUNDONA	LD TWP	ONTARIO)		
LATITUDE	0 50 N		DEPARTURE		Line 0	00
ELEVATION	1		AZIMUTH	South	DIP	- 50 S
STARTED_	Aug. 18th	, 1964	FINISHED	Aug	22, 196	4

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 3 SHEET NO. 1

A.C.A. HOWE

F 0 0 T	AGE	-	DESCRIPTION			SAMP				, , , , , , , , , , , , , , , , , , ,	SSAY	' S
FROM	то			ΝО.	SUL PH-	FROM	FOOTAGE TO	TOTAL	33	76	OZ/TON	oz/ton
0	310.0	CASING				<u> </u>						
10.0	331.0	DUNITE	ultrabasic rock of medium grain and light green col Cross fibre chrysotile veinlets with some picrolite asbestos assay done and to be supplied with the scr assays when they arrive.	. Visus	i.	,						
		Remarks.	Casing left in the hole.									
			CONTINUED ON NEXT PAGE					-				
									·			
								•				
								:				

NAME OF	PROPERTY ALS	of mines Lti	0.		
PLE NO.	3 (deepening)	LENGTH	4 0 5		
LOCATION	DINDCHALD	TW5P	L-76870		
	0 + 00				
ELEVATION		AZIMUTH Grid	South DIP	<u>-50°</u>	
	Oct. 11. 1964				

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 3 SHEET NO. 1

Deepening
REMARKS

LOGGED BY W. G. Timmins

FOOT	TAGE	DESCRIPTION			SAMP	LE				SSAY	′ S
FROM	то	DESCRIPTION	NO.	SUL PH-	FROM	FOOTAGE TO	TOTAL	36	%	oz/ton	oz/ton
273	700	Peridotite, olive green, m. to c.g. 273 - 520 - high chrysotile content, appears to be about 20%, slip and cross fibre however most stringers cut core about 10 - 20°, several contain bands of magnetite in centre, most chrysotile stringers 1/32" but occasional 1/16" and odd 1/8", bands of magnetite common ½" - ½" at low angles to core, some picrolite on slips. 520 - 700 - broken sections, occasional section with red alteration minerals, f. to c.g. Sample taken from 617.5 - 628.5, odd speck sulphides. 654 - 673 - sand and broken core, 8° lost core.			•						
		Hole abandoned at 700° due to rods stuck in sand.									

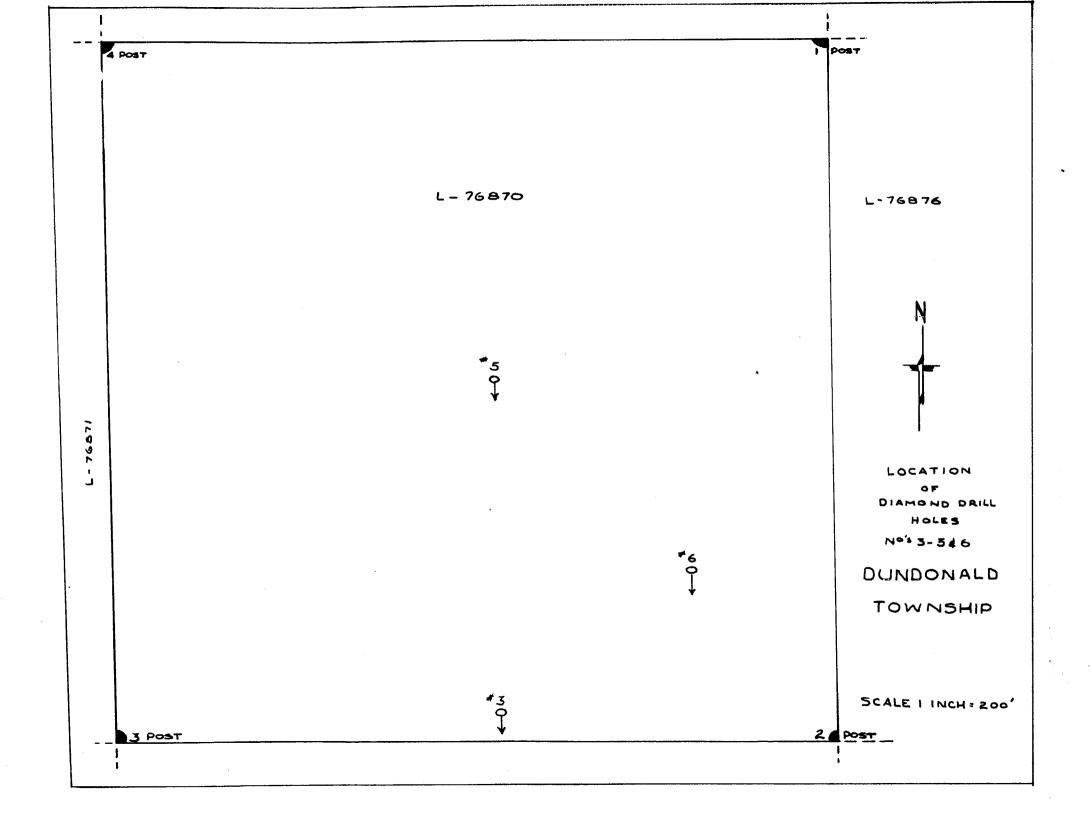
NAME OF	PROPERTY	ALSOF	MINES LIMI	ITED	
LE NO.	4	·	LENGTH		
LOCATION	DUNDONALD	TUP	ONTARIO		
LATITUDE	2 4 00 N		DEPARTURE	0 4 00	
ELEVATION			AZIMUTH	SOUTH	- 50°s
LLLVATION	August 24		AZIMUIT	September 4, 1	

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. ____ SHEET NO. ____ EX Core

OGGED BY all House

ε				SAMP	LE			,	ASSA	Y S
	DESCRIPTION	NO.	SULPH-				%	76	OZ/TON	oz/ton
.3' CASING			1023							
.0' TILL	consolidated glacial material with a clay & c lorite matrix.									
.1' DUNITE	medium grained olivine green with picrotite & crocidolite in slip joints.			,						
.4' FAULT GOUGE	E chloritic to clayey.			_						
.6' DUNITE	medium grained olivine green to picrolite in slip joints at 45° to core axis. Magnetite segregations. Darker olivine towards end of section. Low chrysotile in 331.0' to 338.6' admixed with slip fiber	•		•						
.3' DUNITE	medium grained olivine green with increase in crocidolite in slip joints. Shear zones at 366.7° and 373.0°.				·	,				
.0' DUNITE	altered and sheared with clay gouge at 380.3°.									
.0' DUNITE	medium grained light green rock with increase in picrolite and slip fiber chrysotile in slip joints at 40° - 50° to core axis.									
	END OF HOLE 383.0°									
REMARKS:	Casing left in hole.									
	3' CASING .0' TILL .1' DUNITE .4' FAULT GOUGH .6' DUNITE .0' DUNITE .0' DUNITE	CASING TILL consolidated glacial material with a clay & clorite matrix. 1.1' DUNITE medium grained olivine green with picrotite & crocidolite in slip joints. 4.4' FAULT GOUGE chloritic to clayey. 1.6' DUNITE medium grained olivine green to picrolite in slip joints at 45° to core axis. Magnetite segregations. Darker olivine towards end of section. Low chrysotile in 331.0' to 338.6' admixed with slip fiber drysotile in slip joints. Shear zones at 366.7' and 373.0'. 1.0' DUNITE medium grained olivine green with increase in crocidolite in slip joints. Shear zones at 366.7' and 373.0'. 1.0' DUNITE medium grained light green rock with increase in plcrolite and slip fiber chrysotile in slip joints at 40° - 50° to core axis. END OF HOLE 383.0'	CASING TILL consolidated glacial material with a clay & c lorite matrix. DUNITE medium grained olivine green with picrotite & crocidolite in slip joints. 4' FAULT GOUGE chloritic to clayey. DUNITE medium grained olivine green to picrolite in slip joints at 45° to core axis. Magnetite segregations. Darker olivine towards end of section. Low chrysotile in 331.0' to 338.6' admixed with slip fiber. DUNITE medium grained olivine green with increase in crocidolite in slip joints. Shear zones at 366.7' and 373.0'. DUNITE altered and sheared with clay gouge at 380.3'. DUNITE medium grained light green rock with increase in picrolite and slip fiber chrysotile in slip joints at 40° - 50° to core axis. END OF HOLE 383.0'	CASING TILL consolidated glacial material with a clay & c lorite matrix. 11' DUNITE medium grained olivine green with picrotite & crocidolite in slip joints. 4' FAULT GOUGE chloritic to clayey. 66' DUNITE medium grained olivine green to picrolite in slip joints at 45° to core axis. Magnetite segregations. Darker olivine towards end of section. Low chrysotile in 331.0' to 338.6' admixed with slip fiber. 3' DUNITE medium grained olivine green with increase in crocidolite in slip joints. Shear zones at 366.7' and 373.0'. 0' DUNITE altered and sheared with clay gouge at 380.3'. DUNITE medium grained light green rock with increase in picrolite and slip fiber chrysotile in slip joints at 40° - 50° to core axis. END OF HOLE 383.0'	CASING TILL consolidated glacial material with a clay & clorite matrix. 1.1 DUNITE medium grained olivine green with picrotite & crocidolite in slip joints. 4.4 FAULT GOUGE choritic to clayey. 5.6 DUNITE medium grained olivine green to picrolite in slip joints at 45° to core axis. Magnetite segregations. Darker olivine towards end of section. Low chrysotile in 331.0' to 338.6' admixed with slip fiber. 3.3 DUNITE medium grained olivine green with increase in crocidolite in slip joints. Shear zones at 366.7' and 373.0'. DUNITE altered and sheared with clay gouge at 380.3'. DUNITE medium grained light green rock with increase in picrolite and slip fiber chrysotile in slip joints at 40° - 50° to core axis. END OF HOLE 383.0'	CASING TILL consolidated glacial material with a clay & c lorite matrix. 1.1 DUNITE medium grained olivine green with picrotite & crocidolite in alip joints. 4.4 FAULT COUCE chloritic to clayey. 5.6 DUNITE medium grained olivine green to picrolite in slip joints at 45° to core axis. Magnetite segregations. Darker olivine towards end of section. Low chrysotile in 331.0' to 338.6' admixed with slip fiber. 3.3 DUNITE medium grained olivine green with increase in crocidolite in slip joints. Shear zones at 366.7' and 373.0'. DUNITE altered and sheared with clay gouge at 380.3'. DUNITE medium grained light green rock with increase in plcrolite and slip fiber chrysotile in slip joints at 40° - 50° to core axis. END OF HOLE 383.0'	CASING TILL consolidated glacial material with a clay & clorite matrix. 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HOLE NO. 5 LENGTH	NAME OF	PROPERTY ALSOF MINES LIMITED
	HOLE NO.	
7 . 00 N	OCATION	Dundonald Twp., Ontario. L-16870
LATITUDE / + OU N DEPARTURE U + OU	LATITUDE	7 + 00 N DEPARTURE 0 + 00
ELEVATION AZIMUTH GRTD S. DIP DIP DIP	ELEVATION	AZIMUTH GRTD S. DIP _= 500

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
[]					

HOLE NO. _____ SHEET NO. ______

LOGGED BY WATER

FOOTAG	1			S A M P	LE		<u> </u>	A	5 5 A Y	's
FROM TO	DESCRIPTION	NO.	SULPH- IDES	FROM	FOOTAGE TO	TOTAL	% Ni	%	oz/ton	oz/ton
0.0 276	• Casing									
276.0 519	Light-med. greyish-green, fine-med. grained, massi- andesite, locally sheared, brecciated, silicified, chloritized and epidotized. Few specks pyrite in se short sections.									
530	Light grey, massive quartz-feldspar porphyry, local sheared, silicified and epidotized.	lly	į	:						
530.0 538	Buff-grey cherty rhyodacite cut by stringers of aboporphyry.	ove		*						
538.5 555	Aphanitic, dark grey andesite cut by stringers of above porphyry.									
555.0 589	Porphyry, as above; 5 - 10% pyrite from 557.0-560.0 numerous inclusions of andesite. Much silicification	0; on. 35		556.5	559.5	3.0				
653 653		y 36		622.0	623.5	1.5				
	silicification cut by later quartz stringer silicication from 607.5 - 625.0. Highly silicified from 626.0 - 636.0	37		631.5	635.5	4.0				
53.0 677	Light green, massive, aphanitic rhyodacite	38		664.5	667.5	3.0				
686	O Andesite	39		673.0	674.2	2 1.2				
586.0 723	Porphyry with many inclusions of andesite and rhyodacite. Minor scattered pyrrhotite mineralizat.	ion 42 40 41		696.6 705 710	705 710 715	8.4 5.0 5.0				
723.0 736	Rhyodacite			-		-				

NAME OF	PROPERTY _	ALSOF MINES	LIMITED	
OLE NO.		LENGTH		
LOCATION	Dy ND	ONALD.	L-16870	
LATITUDE		DEPARTURE		
			DIP	
STARTED _		FINISHED		

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

REMARKS ______

OGGED BY _____

s ·	TARTED)	FINISHED		<u> </u>				LOGGE	D BY		· · · · · · · · · · · · · · · · · · ·
	FOOT	FAGE	DESCRIPTION			SAMP				,	SSA `	' S
	FROM	то		NO.	SUL PH-	FROM	FOOTAGE TO	TOTAL	%	%	oz/ton	oz/ton
	736.0	945.0	Andesite, minor local silicification and chloritization									
-1168	945.0	1102.	Rhyodacite, minor local brecciation, cherty silicification and quartz stringer silicification.							į		
106 RICHMOND STREET WEST, TORONTO, ONT.	102.0	1141.	Massive black olivine peridotite; minor picrolite at end of hole	43 44 45 46		1102 1109 1120 1130	1109 1120 1130 1141	11.0	0.263 0.211 0.223 0.329			
LANGRIDGE LIMITED												

	PROPERTY ALSOF MINES LIMITED	FOC
HOLE NO.	Dundonald Twp. Ontario L-16870	
LATITUDE	DEPARTURE DIP	
		Ì

	FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
ı						

REMARKS

LOGGED BY

TARTED	Se	ot. 30, 1964 Oct. 10, 1964						LOGGE	D BY			
FOOT	AGE	DESCRIPTION		SAMPLE				ASSAYS				
FROM	то	DESCRIPTION		SUL PH- IDES	FROM	FOOTAGE TO	TOTAL	%	%	OZ/TON	oz/ton	
o	268	Sand, gravel, boulders.										
		Hole lost in overburden										
					•							
		-										
										,		

