

Diamond Drilling



41116NE0036 36 PHYLLIS

010

Township of PHYLLIS

Report NO 36

Work performed by: Key Mineral Investigations

Claim NO	Hole NO	Footage	Date	Note
T 50258	K-62-1	790.0'	Mar/62	
T 50259	K-63-3	718.0'	Mar/63	
	K-64-4	779-0'	Mar/64	
T 51377	K-67-6	705.0'	Mar/67	

Notes:

DIAMOND DRILL RECORD

PROPERTY Claim T-50258, Phyllis Twp., Ontario HOLE No. K-62-1
 SHEET NUMBER 1 SECTION FROM 0 TO 675 STARTED 6 March 1962
 LATITUDE (see sketch) DATUM Island 681, Lake Temagami COMPLETED 11 March 1962
 DEPARTURE BEARING 285°T. ULTIMATE DEPTH 790'
 ELEVATION 1' above lake level DP Collar -60° PROPOSED DEPTH 725'

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0 - 4	Casing								
4-185	Slaty greywacke- fine grained, dark grey-green, massive to finely bedded, small carbonate metacrysts throughout, bedding \neq or - 60° to core axis, scattered boulders and pebbles, gradually becoming sandy textured.								
185-415	Pebble conglomerate, scattered cobbles and small boulders, some slaty sections. @ 310' minor disseminated chalcoppyrite.								
415-544	Rhyolite breccia, (Temagami Mining Rbx2 variety). Volcanic conglomerate, light and dark volcanic fragments in a rhyolitic matrix, weak sericitic alteration with some bleached and sericitized sections resembling TMC Rhyolite fragmental								
544-790	Andesite and andesite breccia- fine grained, grey-green, massive to coarsely fragmental, extensive disseminated carbonate alteration. Most fragments more siliceous than the matrix and resemble TMC RbxT variety.								
	580-675 Abundant bleached sections and short patches resembling TMC DI dykes (pale green, fine grained, dark spots)								

TPC NEW LISKEARD

DRILLED BY Boyles Bros. Ltd. Noranda, P.Q. SIGNED J. O. Patrick

DIAMOND DRILL RECORD

PROPERTY..... HOLE No. K-62-1

SHEET NUMBER..... SECTION FROM 675 TO 790 STARTED.....

LATITUDE..... DATUM..... COMPLETED.....

DEPARTURE..... BEARING..... ULTIMATE DEPTH.....

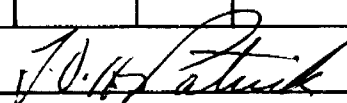
ELEVATION..... DIP..... PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
544-790	continued								
	@ 613.5 1" pink carbonate vein, 20° to core axis.								
	<u>N.B.</u> Contact with Cobalt sedimentary rocks at 415 feet is nearly at right angles								
	angles to the core and is very sharp and distinct. There appears to be								
	little or no weathering at the volcanic surface other than a very thin								
	brownish discolouration about $\frac{1}{2}$ mm. thick.								
790	END OF HOLE								

TPC NEW LISKEARD

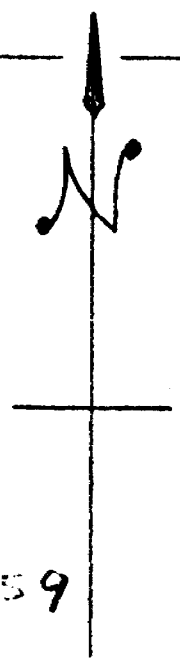
DRILLED BY.....

SIGNED.....





ISLAND
672



T-32215

T-32217



ISLAND
680

D.D.H. K-62-1



ISLAND
681

T-50259

T-50258



ISLAND
661

Ke m

T-50481

T-50484

T-50483

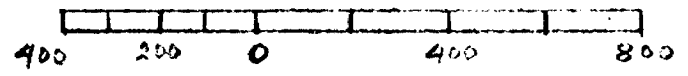
T-50482

V a k e

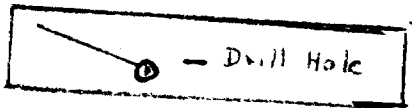


ISLAND
667

SKETCH MAP
CLAIM T-50258
PHYLLIS TWP., ONTARIO



SCALE 1" = 400'



T.O.P. MARCH 1962



COMPANY KEY MINERAL INVESTIGATIONS LTD. PROPERTY R.B. GRIEVE PHYLLIS TWP. CLAIMS
 Townshp PHYLLIS Claim No. T-50259

1 of 1
 Started 6 March '63
 Finished 12 March '63
 Depth 718 feet

Reference TMC Area S-1 1"=400' Map
 Location See sketch, shoal West of Island 672
 Elevation Lake level

HOLE No. K-63-3
 Bearing _____
 Dip: -90° @ Collar; _____ @ _____

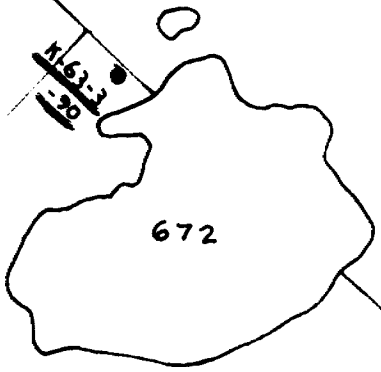
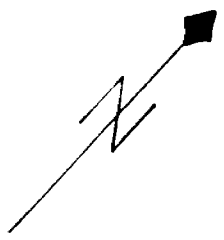
FROM	TO	DESCRIPTION	SAMPLES			ASSAYS		
			NO	FROM	TO	WIDTH		
0	4.0	Casing, collar in bedrock, slaty greywacke						
4.0	552.6	Slaty greywacke, slate and minor pebble conglomerate. Cobalt series sedimentary rocks.						
		230 - 455 - Scattered pebbles and pebble conglomerate bands. 371 - 372 - Ground core.						
		455 - 552.6 mainly pebble conglomerate. @ 476 - 1" quartz-carbonate vein with a trace of pyrite and chalcopyrite.						
552.6	718.	Rhyolite, rhyolite breccia (Rbx), whitish grey rhyolitic fragments and andesitic fragments in a rhyolitic matrix. Contact $\pm 45^\circ$ to core axis. Weak sericitic alteration throughout @ 556.6, 589.0, 600.0, 603.0 etc. - minor fine disseminated chalcopyrite.						
		641.8 - 642.6 disseminated cpy. in quartz-carbonate breccia zone.	14543	641.8	642.6	0.8	3.82	% Cu.
		690.5 - 691.6 - Quartz-carbonate breccia - minor cpy.						
@ 718.		END OF HOLE.						

Drilled by N. MORISSETTE D.D. Co. Core Size Std. AXT

Logged by J.W.H. Patrick

T-50260

T-50261



672

T-32214

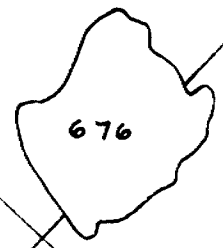
T-50259

T-32215

661

Temagami Lake

T-50484



676



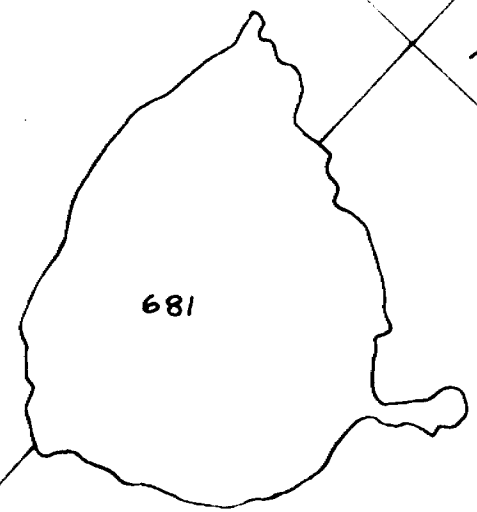
680

T-50258

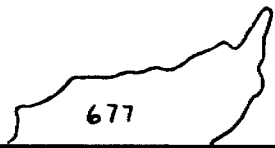
T-32217

Location Map
Claim T-50259
PHYLLIS TWP ONTARIO
Scale: 1" = 400'

T-50483



681



677

DIAMOND DRILL RECORD

PROPERTY KEY MINERALS - L. TEMAGAMI HOLE No. K.64-4
 SHEET NUMBER 1 of 3 SECTION FROM _____ TO _____ STARTED MAR. 3/64
 LATITUDE _____ DATUM _____ COMPLETED MAR 10/64
 DEPARTURE _____ BEARING 265° ULTIMATE DEPTH 779'
 ELEVATION 5' above lake level DIP _____ COLLAR: -55° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
						Cu.			
0.0 -		15180	557.7	558.2	0.5	0.48%			
3.2	Casing								
3.2 -	.								
230.0	Graywacké.								
	dark green / gray. Texture from								
	dense to fine/medium grained -								
	graded bedding. Fine laminae in								
	dense rock. Fine/medium grained								
	anhedral calcite crystals throughout.								
	Traces pyrite. Two areas show								
	cross-bedding.								
230.0									
486.0	Conglomerate.								
	Matrix essentially the Graywacké								

TPC NEW LISKEARD

DRILLED BY

BOYLES BROS

SIGNED

Sam F. Downie

DIAMOND DRILL RECORD

PROPERTY HOLE No. K.64-4
 SHEET NUMBER 2 of 3 SECTION FROM TO STARTED
 LATITUDE DATUM COMPLETED
 DEPARTURE BEARING ULTIMATE DEPTH
 ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
	described above. Fragments vary from coarse gravel and pebbles {mainly} to cobbles and one or two boulders. Fragments rounded to angular: "greenstone", diabase, white quartzite, diorite, pink & gray granite, fragments of older sandstone or graywacke. Tr. pyrite.								
486.0-									
779.0'	Rhyolite:								
	This composed mainly of Rhyolite Breccia as so designated by Tomagami Mining Co. Ltd.								

TPC NEW LISKEARD

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

PROPERTY..... HOLE No. K.64-4

SHEET NUMBER 3 of 3. SECTION FROM..... TO..... STARTED.....

LATITUDE..... DATUM..... COMPLETED.....

DEPARTURE..... BEARING..... ULTIMATE DEPTH.....

ELEVATION..... DIP..... PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
	<p>This is dense to fine grained and light/medium gray to green in colour. In this are dark blobs - fragments - of chloritised rock. From 688.0 to the bottom of the hole, this R. bk is inter-bedded with dense, gray rhyolite. There are a few calcite crystals, and traces of pyrite. Some chloritisation.</p> <p>At 558.0' a 1" quartz, carbonate vein contained chalcopyrite.</p>								

TPC NEW LISKEARD

DRILLED BY..... SIGNED.....



I#695

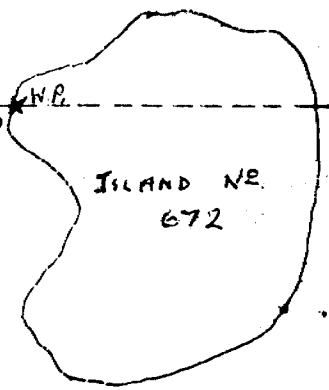
T- 32214

L. TEMAGAMI
{ SURVEYED CLAIM }



I#693

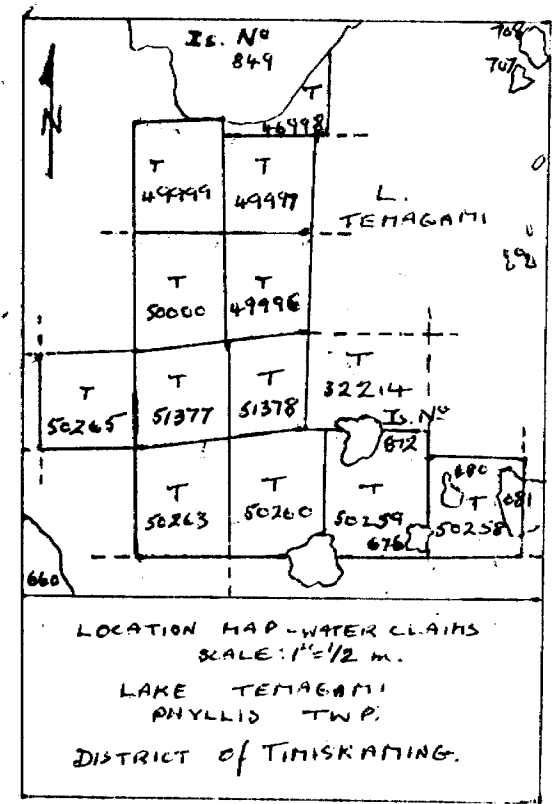
I#673



ISLAND NO.
672

T- 50259
{ UNSURVEYED CLAIM }

PLAN SHOWING D.D.H. K'64-4,
KEY MINERAL INVESTIGATIONS LTD.,
PHYLLIS TWP,
Scale: 1" = 5 chains.



COMPANY NARROWS ISLAND GROUP

PROPERTY _____

Township PHYLLIS

Claim No. T51378

SHEET No. 1
 Started March 9, 1967
 Finished March 18, 1967
 Depth 705 feet

Reference Claims Survey
 Location 550 ft. west, Survey Point Island 672
 Elevation Lake Level

HOLE No. K-67-6
 Bearing 270°
 Dip: -90° @ Collar; _____ @ _____

FROM	TO	DESCRIPTION	SAMPLES			ASSAYS								
			NO	FROM	TO	WIDTH								
0-112		Casing - 0-85 - Water												
		85-92 - Sand & Gravel												
		92-112 - Boulders and broken bed rock.												
112-225		Greywacke (Cobalt series)												
		Fine grained, dark grey, thinly bedded, scattered pebbles, sandy beds and rare small boulders, some slaty horizons, fine cross bedding 70°-85° to core axis. Spotted alteration, carbonate metacrysts ± 1 m.m. in diameter, decreasing in intensity, at 160 ft., disappears by 200 ft.												
		Pebble horizons @ 197.8-201; 206.5-208.5; 217-219												
225-386.4		Conglomerate (Cobalt series, Gowganda formation)- minor bedded greywacke horizons, bedding ± 80° to core axis.												
		Abundant pebbles, cobbles & boulders in greywacke matrix; granite, gabbro, diorite, quartz and various particles of volcanic origin, includes Temagami type rhyolite breccia.												
		358.8-360.2 quartz vein, possibly a boulder (compaction structures)												
		374.8-375.8 quartz carbonate vein, rusty alteration of carbonate.												
		@ 386.4 - Contact with basement rocks.												

Drilled by Boyles Bros., Noranda

Core Size AXT

Logged by J.H. Patin
J.H. Patin

COMPANY _____

PROPERTY _____

Township _____

Claim No. _____

SHEET No. 2 _____

Reference _____

HOLE No. K-67-6 _____

Started _____

Location _____

Bearing _____

Finished _____

Elevation _____

Dip: _____ @ Collar; _____ @ _____

Depth _____

Elevation _____

Dip: _____ @ Collar; _____ @ _____

FROM	TO	DESCRIPTION	SAMPLES				ASSAYS												
			NO	FROM	TO	WIDTH													
386.4	390.5	Fine grained diorite - probably a dyke, minor disseminated pyrite.																	
390.5	425.0	Rhyolite breccia - coarse fragments up to 5 inches in diameter of mixed light and dark coloured material in rhyolite matrix; in general more mafic (andesitic) than good rhyolite. Mottled appearance partly alteration associated with quartz carbonate veinlets @ 411.1; 416.1; 417.3, 417.5, 417.9 and 422.8 minor disseminated pyrite and some chalcopyrite also associated with veins. Gradation to more massive andesite.																	
425.0	610.5	Andesite or dacite - mottled to massive, quartz vein @ 431.7-433 - 2 inch ankerite zone at bottom, minor chalcopyrite. Quartz vein @ 465.5-466.1 - red carbonate. Scattered fragments or inclusions of rhyolite and/or dacite, minor quartz-carbonate vein @ 487.6. 515-525 - mottled carbonate alteration - metacrysts as in Temagami Mine D ₂ A dykes. 530-531 - fault zone, light coloured bleaching, carbonate vein 40° to core axis.																	

Drilled by _____

Core Size _____

Logged by _____

COMPANY _____

PROPERTY _____

Township _____

Claim No. _____

SHEET No. 3
 Started _____
 Finished _____
 Depth _____

Reference _____
 Location _____
 Elevation _____

HOLE No. K-67-6
 Bearing _____
 Dip: _____ @ Collar; _____ @ _____

FROM	TO	DESCRIPTION	SAMPLES				ASSAYS				
			NO	FROM	TO	WIDTH					
		531-549.5 - Dacitic breccia zone-Rhyolite and Rhyolite breccia fragments. @ 550.7 - quartz-calcite vein, very minor Pyrite & chalcopyrite. @ 583.8 - quartz vein 60° to core axis. @ 591.5 - minor chalcopyrite in 1/2 m. m. stringers. @ 601.5 and 604.0 - minor faults or slips with chalcopyrite @ 45° to core axis; scattered rhyolitic inclusions and possibly a flow bottom breccia Gradational lightening of colour to contact @ 610.5									
610.5	633.0	Rhyolite or dacite breccia grading to contact @ 633.									
633.0		Andesite and andesite breccia - @ 647.5 - fault zone 20° to core axis with a quartz, carbonate and chlorite vein. Minor slip @ 662.5 30° to core axis, minor chalcopyrite. @ 682.6 - slip @ 40° to core axis minor Pyrite and Chalcopyrite. @ 697.5 - 3 inch carbonate vein with magnetite, Pyrite and chalcopyrite @ 697.5 @ 705 - End of hole.									

Drilled by Boyles Bros., Noranda

Core Size AXT

Logged by _____

J. H. Patrick
J. H. Patrick

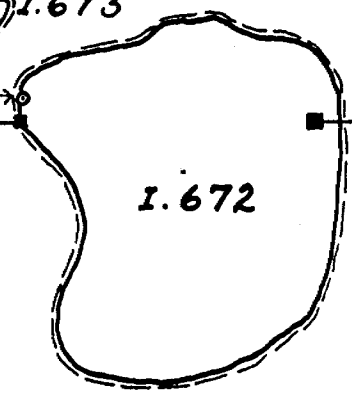
7
T-51337

T-32214

D.D.H. K-67-6
⊙ (-90°)

550'

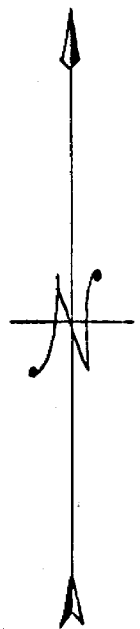
I.673



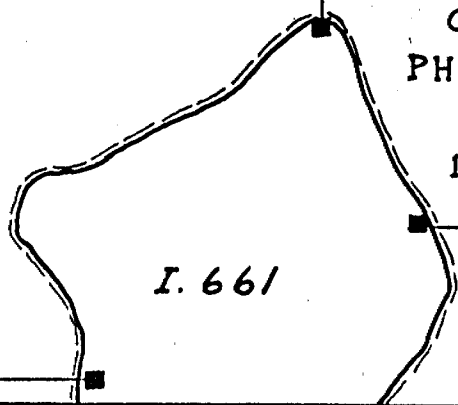
I.672

T-50260

T-50259



LOCATION MAP
D.D.H. K-67-6
CLAIM T-51337
PHYLLIS TWP., ONTARIO
SCALE
1 INCH = 5 CHAINS



I.661

AFTER DWG. 2768
P.Y. CLARKE O.L.S.

J. H. Patrick

J. H. P. FEB. '67