



31M04SW0009 14 CHAMBERS

010

Diamond Drilling

Township of CHAMBERS

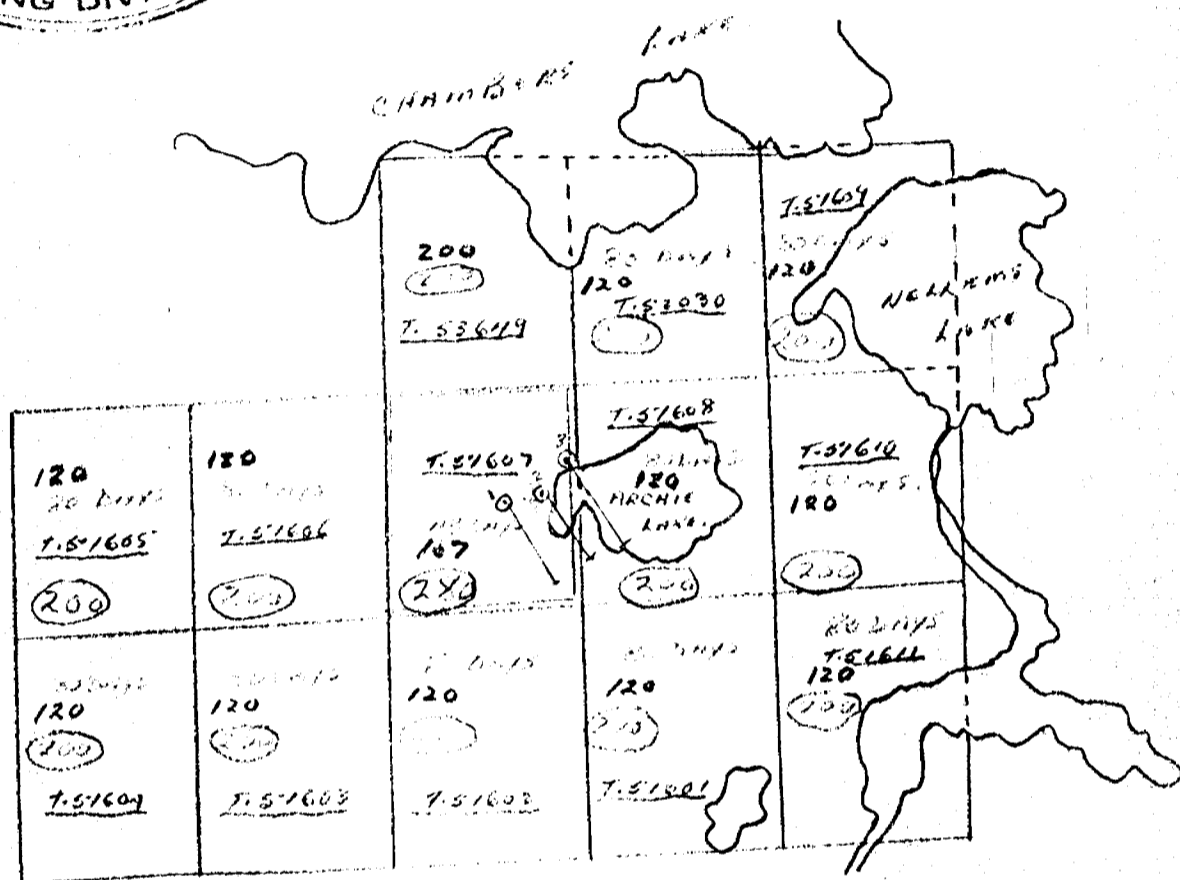
Report NO: 14

Work performed by: Goldray Mines Limited

Claim NO	Hole NO	Footage	Date	Note
T 51607	1	993.5'	July/63	
	2	756'	Aug/63	
	3	931'	Sept/63	

Notes:

RECEIVED
 SEP 27 1963
 TEMISKAMING
 MINING DIVISION



LOCATION MAP

GOLDEN MINES LTD.

CHAMBERS TWP.

Scale - 1" = 1320'

- Being Recorded
- Previously Recorded
- Total To Be Recorded

5107

REPORT #14

3-20

D.D.H. No. 1
 LOCATION CHAMBERS
 SECTION

PROPERTY Goldray Mines, Chambers Group.

LATITUDE

STARTED July 26, 1963.

AZIMUTH 147°

DEPARTURE

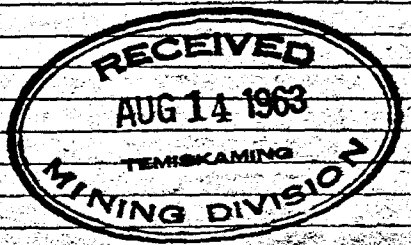
COMPLETED August 10, 1963.

DIP 45°

ELEVATION

DEPTH 993.5

GENERAL GEOLOGY	ASSAY		SAMPLE		ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER	
0 - 10.0 Casing					
10.0 - 168.7 Granodiorite, Numerous Calcite Strs., SL., PYR, CPY.					10.0 - 23.0 - Well Fract'd, Calc. Strs thru out. At 68.5 - 1/2" Quartz. 75.0 - 77.5 - Fract'd 115.0 - 118.0 - Fine Grained. At 115.2 - 1/2" Quartz, ZnS, PYR. At 117.5 - Brecciated 127.5 - 135.2 - PYR, PYRR, ZnS, & Cpy on Slips. 140.0 - 142.5 - Fine Grained, Green.
168.7-805.0 - Lavas, Porphyritic, in places Rhyolitic, Flow top breccias, Alteration starts at 425.0' becoming very strong 525.0-550.0 Pyr. Min starts at 425, and continues strong thru out. Copper Min. starts at 540.0 and is fairly continuous thru out. Rock becomes more siliceous from 225.0 on					170.3 - 172.0 - QTZ., CHL. 172.0 - 173.0 - Fract'd Slicks. At 174.5 - Massive PYR. 175.0 - 183.0 - Fine Grained, Green Fair PYR on Slips. 202.3 - 203.5 - Fract'd, PYR on Slips. At 238.0 1/2" QTZ & CALC., PYR, PYRR; CPY. 264.0 - 275.0 - 6 Calc. Strs, CPY. 289.0 - 291.5 - Feldspar Porphyry 297.5 - 312.5 - " " , CHL. spots. At 320.7 - 1 1/2" Calc., PYR. 324.5 - 325.0 - 1 1/2" Calc., Breccia, Qtz, Strs. 331.0 - 334.5 - Fract'd Slicks, Scattered PYR. At 340.2 - Bleds PYRR. 340.4 - 340.8 - QTZ. At 343.5 - 1" QTZ. 375.0 - 382.5 - Breccia, Considerable Calc. in Irreg. Strs. SLT. PYR. 382.5 - 391.0 - Basic Flow. At 392.0 - Fract'd, Slicks, Acute to core. At 412.0 - Fine Zinc on slip 454.0 - 456.8 - Fract'd, Slicks 517.0 - 550.0 - Numerous Calc. Strs.



PROPERTY Goldray Mines, Chambers Group.

LOCATION
SECTION

LATITUDE

STARTED July 26, 1963.

BEARING 147°

DEPARTURE

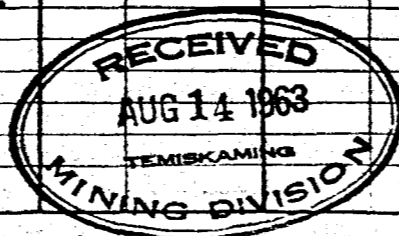
COMPLETED August 10, 1963.

DIP 45°

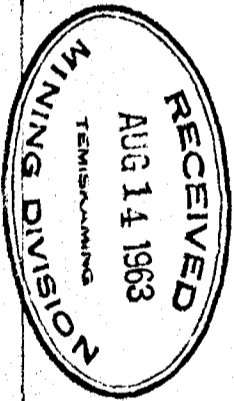
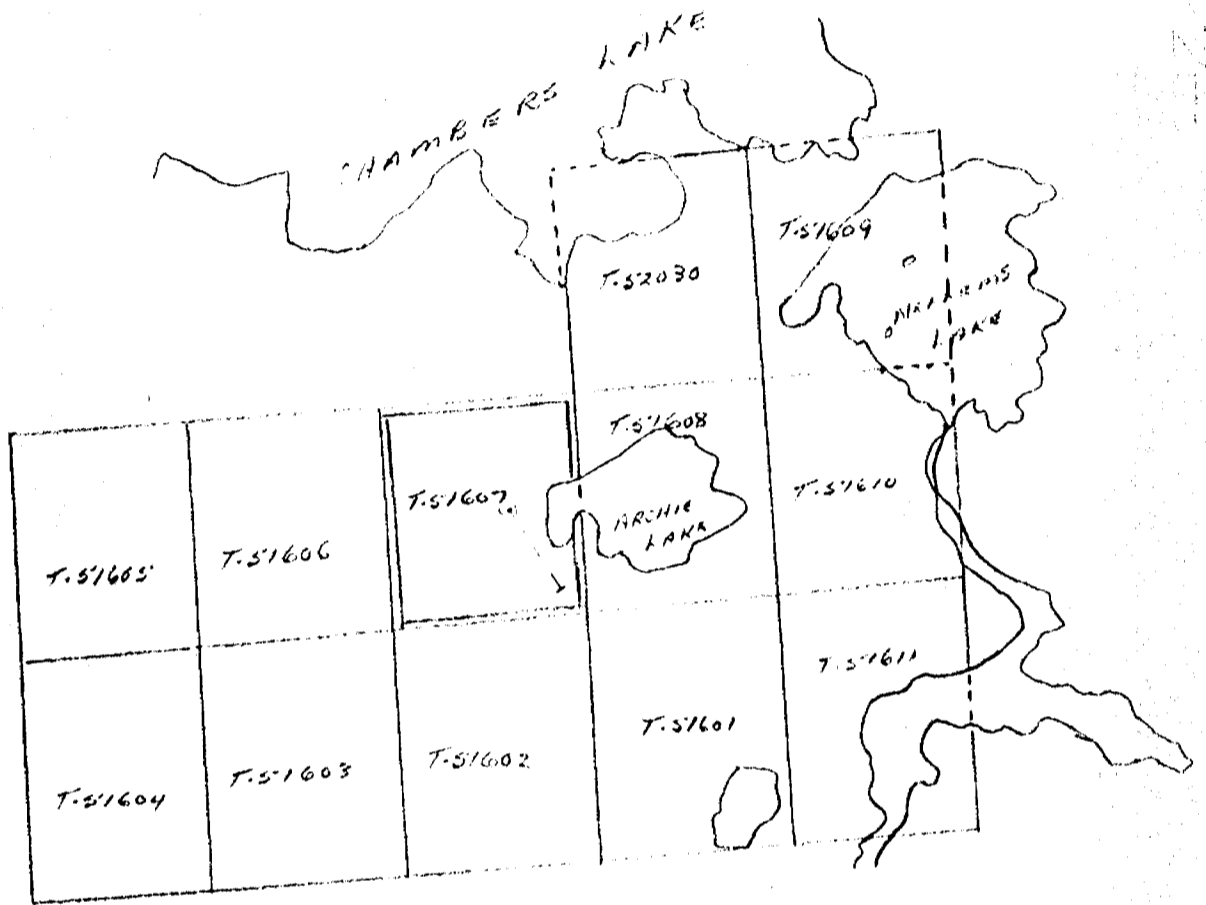
ELEVATION

DEPTH 993.5

GENERAL GEOLOGY	ASSAY		SAMPLE		ECONOMIC GEOLOGY
	OZ.	VALUE	FEET	NUMBER	
				2801	530.0-532.5 - Heavy PYR.
				2802	532.5-535.0 - " "
				2803	566.0-570.0 - Fract'd Slicks, 2" QTZ. ZnS, CPY, PYR. MIN.
				2804	535.0-540.0 - PYR, PYRR, CPY on slips.
				2805	590.0-595.0 - ZnS & CPY.
					598.5-602.0 - Breccia, Recemented with Calcite.
					598.5-625.0 - Numerous Calc. Strs.
				2806	615.0-620.0 - CALC. Strs, PYR, PYRR, CPY, ZnS, Chl.
				2807	645.0-650.0 - PYR. CPY.
				2808	665.0-675.0 - Heavy PYR, SL CPY.
				2809	75% Qtz, ZnS, CPY, PbS, PYR.
				2810	711.2-715.0 - 20% Qtz, PYR. No CPY.
				2811	731.5-734.0 - PYR, PYRR, CPY.
				2812	764.8-770.0 - Numerous CALC. Strs., CPY, PYR, Zns, 3" Qtz.
				2813	798.5-803.5 - PYR, PYRR, CPY, Blebs & Seams (most yet)
805.0-925.6 - Diabase Dike					At 811.0 - 7" Calc.
Numerous Calcite Strs.					At 818.0 - 6" Shearing Recemented, Calcite.
					863.0-864.5 - 50% Qtz.
					883.6-890.0 - Sheared 6" & 3" Qtz, PYR. PYRR, ZnS, PbS, CPY.
					At 903.7 - 1" Qtz.
					At 920.4 - 2" " . PYR, CPY.
925.6-940.5 - Lava Wall Altered					
PYR, CPY.					
940.5-954.5 - Porphyry					
954.5-993.5 - Lavas, Altered, PYR, PYRR, CPY.					992.7-993.5 - Qtz vein PbS, ZnS, CPY.
END OF HOLE					993.5



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LOCATION MAP

GOLD RAY MINES LTD

CHAMBERS TWP

1963

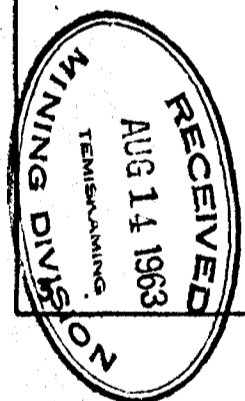
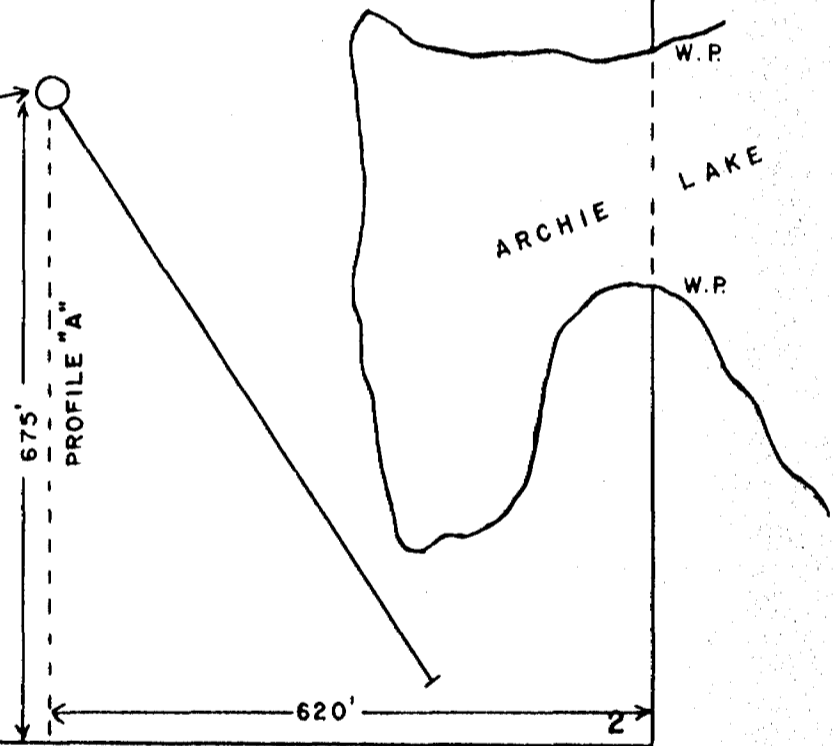
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T. 51607



D.H. LOCATED AT 1080'N
ON PROFILE "A"



SKETCH SHOWING ASSESSMENT DRILL HOLE LOCATIONS

GOLDRAY MINES LIMITED

CHAMBERS TOWNSHIP

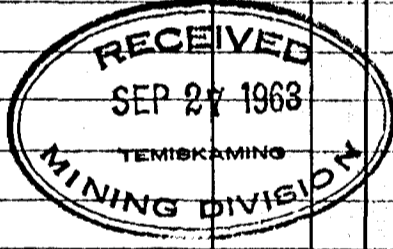
SCALE - 1 INCH = 200 FEET

m. m. m.

DIAMOND DRILL RECORD

PROPERTY Goldray Mines (Chambers) HOLE No. 2
 LATITUDE 15° 16' 00" STARTED August 15, 1963. COMPLETED August 23, 1963.
 DEPARTURE 151° 16' AXIMUTH 147° ULTIMATE DEPTH 756
 ELEVATION 151° 16' DIP 45° PROPOSED DEPTH _____

DEPTH FEET		FORMATION	Sample No.	AU	AG	CU
General	Economic			Percent of Sample	Gross	Net
0-30.0		Casing (15' into bedrock)				
15-29.5		Basic Lava, PYR, PYRR.				
	At 21.0	4" Qtz				
29.5-77.5		Feldspar Porphyry, PYR, PYRR.				
77.5-494.0		Lavas mainly acid, well altered Siliceous from 137.0 on. CPY increases from 250.0 on. ZnS noticeable in fractures & in calcite from 264.0 on				
	77.5- 79.0	Dissem PYR, PYRR, CPY - Chlorite				
	137.5-138.5	QTZ, CPY, Pyr, ZnS, PbS, Chl.				
	170.0-180.0	Rhyolite Breccia				
	184.0-185.6	Marked Chloritic spots				
	186.5-190.2	Light, Fine Grained Dike				
	186.8-188.3	Fract'd, Recemented with Calc. & Qtz				
	206.7-207.2	Fine Grained Acid Dike				
	232.8-237.3	Acid Dike				
	At 264.0	1/4" Qtz Massive Zinc				
	At 279.0	Water Lost				
	304.5-329.6	Fine Light Gray Dike, Numerous Calc. Strs.				
	At 322.8	CPY, ZnS, PbS in Calc. Veinlet.				
	347.3-348.6	Light Gray Dike				
	350.0-355.0	50% Qtz, PYR, PYRR, CPY, ZnS	2816			
	355.0-385.0	Numerous Calc & Qtz Strs & Veinlets with PYRR, CPY, ZnS in Qtz.				
	368.5-494.0	White Spots (Alteration?)				
	390.0-395.0	Lava, CPY, ZnS, PYRR, in fract & Dissem.	2817			
	447.0-452.3	25% Qtz, PbS, ZnS, Cpy, PYR, PYRR	2818			
	475.0-494.0	Chloritic Spots				

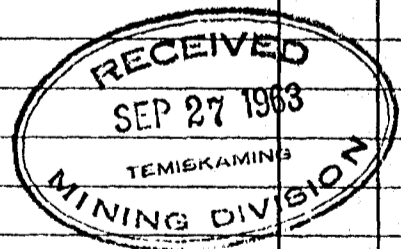


DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD page 2.

PROPERTY Goldray Mines (Chambers) HOLE No. 2
 LATITUDE _____ STARTED August 15, 1963. COMPLETED August 23, 1963.
 DEPARTURE _____ AXIMUTH _____
 ELEVATION _____ ~~BEARING~~ 147° ULTIMATE DEPTH 756
 DIP 45° PROPOSED DEPTH _____

DEPTH FEET		FORMATION	Sample No.	AU	AG	CU
General	Economic			W	AG	CU
494.0-642.0		Diabase - numerous calcite & Qtz. Strs, mainly Calc, Fine ZnS, Cpy, Pyr, Pyrr thru out.				
	501.0-502.0	75% Qtz, some Calc, Pyr, Cpy, ZnS, PbS.				
	At 564.0	2" Qtz, PbS, Cpy, Pyr, ZnS.				
	575.0-642.0	Altered, Crushed Appearance				
	587.5-589.0	Splashes, PYRR, Cpy, Chl	2818			
	597.6-601.3	50% Qtz, ZnS, Pbs, Pyr, Cpy, Chl. in Sheared Diabase.				
	At 608.6	5" Qtz, ZnS, PYR, Cpy, PbS.				
	633.0-633.9	Qtz, Cpy, ZnS, PbS, PYR.	2819			
	637.1-637.7	50% Qtz, Mainly ZnS, some PbS, Cpy.	2820			
642.0-748.0		Rhyolite, Minor Pyr, Cpy.				
748.0-756.0		Feldspar Porphyry, Slightly Sheared.				
756.0		END OF HOLE				

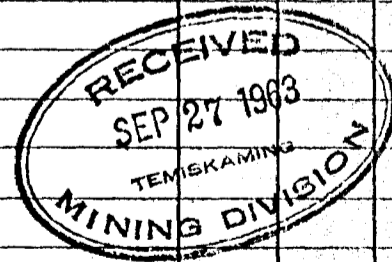


DRILLED BY _____ SIGNED Salah. Jumer

DIAMOND DRILL RECORD

PROPERTY Goldray Mines Ltd. HOLE No. 3
 LATITUDE Chambers Group STARTED August 28, 1963. COMPLETED September 13, 1963.
 DEPARTURE BEARING 147° ULTIMATE DEPTH 931.0
 ELEVATION DIP 45° PROPOSED DEPTH

DEPTH FEET		FORMATION	Sample No.	Width for Samples	Gold Oz.
General	Economic				
0-18.0		Casing			
18.0-752.0		KERWATIN LAVAS mainly rhyolite fractured & broken for the first 400', with rhyolite assemblage, mineralization poor.			
	At 22.0	4" breccia			
	18.0-69.0	Well fract'd, broken up, fine irreg., Feldspar Strs, vuggy FeO on slips.			
	50.0-52.0	Porphyry root, phanocrysts.			
	52.5-53.8	Fragments in Calc., qtz, gangue			
	82.0-108.5	Fine grained green, Basio.			
	86.2-87.0	Qtz, ZnS, Cpy.	2842		
	130.0-140.0	Hard white rhyolite			
	At 149.5	2" carbonate, Pyr.			
	148.6-175.6	Agglomerate, slight pyr, cpy.			
	175.6-253.0	Porphyritic, finely dissea. pyr, pyrr, cpy.			
	202.0-202.5	Fract'd			
	222.5-224.5	Fract'd, rusty.			
	227.0-230.0	" "			
	240.0-250.0	" "			
	253.0-257.5	Sheared, numerous carbonate strs, some qtz, slight pyr.			
	265.7-266.1	Qtz, splashes Cpy, ZnS, PbS.			
	272.1-285.0	Fract'd, broken.			
	285.4-292.0	Fine, light colored dike.			
	At 286.2	1" Qtz, splashes PbS, Cpy.			
	300.5-301.5	Fract'd			
	At 317.5	1/2" Qtz, ZnS.			
	336.2-353.6	Basio Dike, badly broken.			
	368.5-370.0	" " " "			

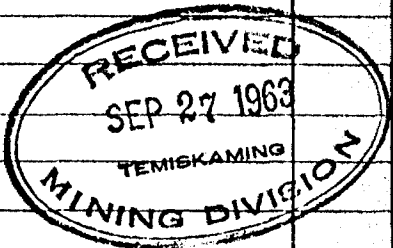


DRILLED BY..... SIGNED.....

DIAMOND DRILL RECORD

PROPERTY Goldrui Mines Ltd. HOLE No. 3
 LATITUDE Chambers Group STARTED Aug. 28, 1963. COMPLETED Sept. 13, 1963.
 DEPARTURE _____ BEARING 147° ULTIMATE DEPTH 931.0
 ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET		FORMATION	Sample No.	Width of Sample	Gold Oz.
General	Economic				
	392.0-392.6	Basic Dike, badly broken.			
	395.0-400.0	" " " "			
	470.0-471.6	Fract'd, green goro, strcs., alt, ogy.			
	477.0-479.8	Well bract'd			
	480.0-481.5	Slt Pyrr, ogy.			
	525.0-545.0	Slt chlorite Alt.			
	547.5-560.4	Feldspar porphyry, pyr, min.			
	560.4-712.0	Chlorite alteration present but not intense, sporadic, Opy, Pyrr, ZnS, PbS. in Qtz stringers.			
	617.5-625.0	Fract'd			
	635.0-712.0	White spots.			
	725.0-752.0	Numerous calcite strcs.			
	842.0-931.0	Lavas			
	885.0-925.0	Spotted, chloritic Alt, Minor Pyr, & Pyrr.			
	931.0	END OF HOLE			



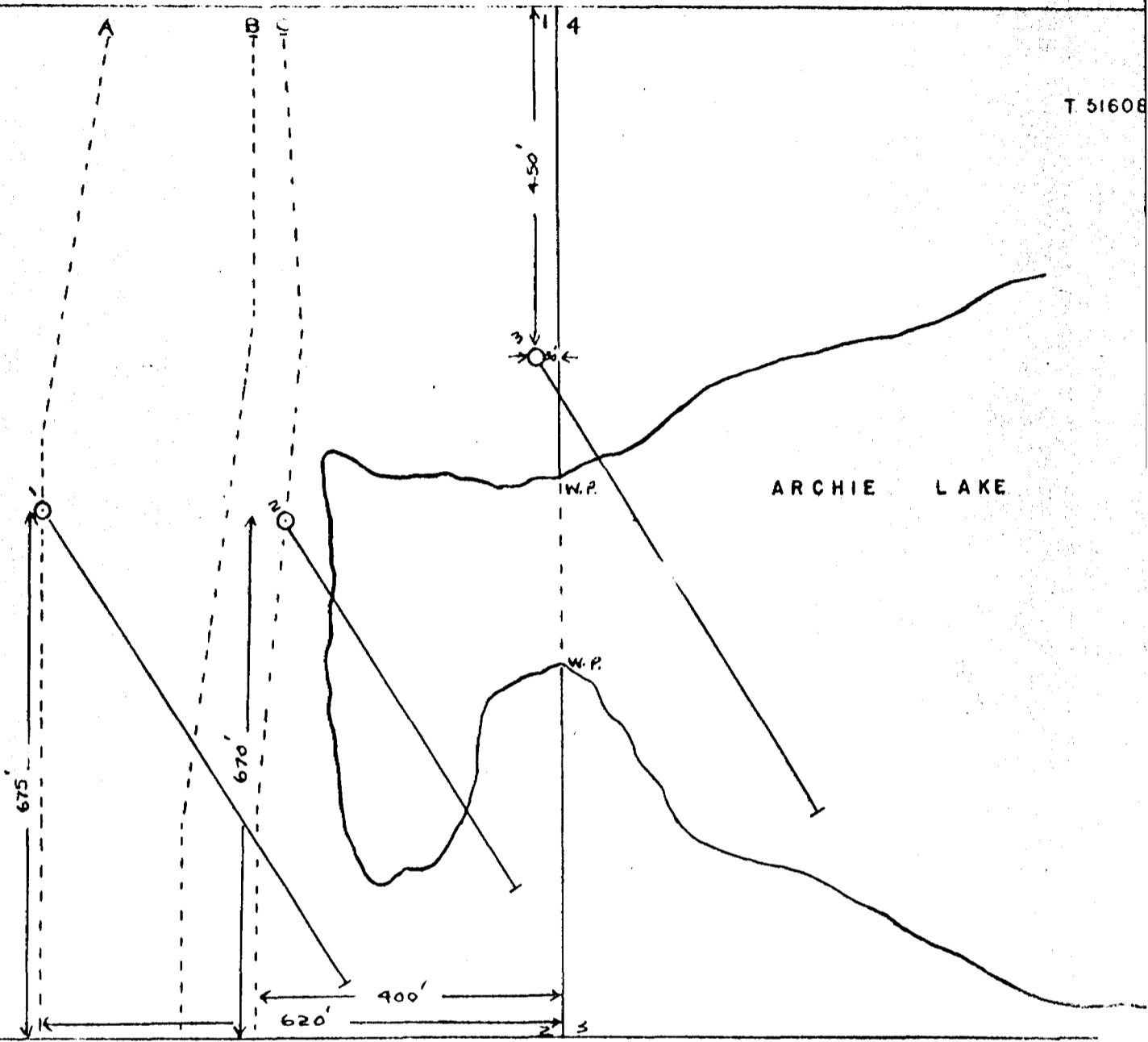
DRILLED BY A.C. Mcknight,
63 Nipigon Ave.,
Willowdale, Ont. SIGNED Ralph L. Irvine

1607

T 51608

ED AT
PROFILE "C"

ED AT
PROFILE "A"



SKETCH SHOWING ASSESSMENT DRILL HOLE LOCATIONS

GOLDRAY MINES LIMITED

ENGINEER - TOWNSHIP

SCALE - 1 INCH = 100 FEET