

42A05NW0122 13 WHITESIDES

010

Diamond Drilling

Township of WHITESIDES

Report NO 13

Work performed by: Rowan Consolidated

Claim NO	Hole NO	Footage	Date	Note
P 57537	1	300.0'	May/64	
	2	250.0'	May/64	
P 57543	3	200.0'	May/64	
	6	402.0'	June/64	
	7	500.0'	June/64	
	8	297.0'	June/64	
	9	300.0'	July/64	
	10	755.0'	July/64	
	11	362.0'	July/64	
	12	349.0'	July/64	
P 57542	13	641.0'	Aug/64	
	4	198.0'	June/64	
	5	210.0'	June/64	

13

4764'

Notes:

DIAMOND DRILL RECORD

57537

PROPERTY Rowan Consolidated Mines Limited HOLE NO. 1

(Whitesides)
SECTION FROM _____ TO _____

SHEET NUMBER 1

STARTED May 19, 1964

LATITUDE 1250 South

DATUM _____

COMPLETED May 22, 1964

DEPARTURE Profile 12 W

BEARING 180°

ULTIMATE DEPTH 300.00

ELEVATION _____

DIP 45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$			
0.7.0	Casing							
2.0-300.0	Diorite							
	67.0-71.0 Fine Grained, Dark, 1" qtz. at 69.0							
	Fract'd. at 70.0, calc. on slips							
	at 89.5 - 2" qtz.							
	107.3-108.0 - 2% pyrr., blue qtz., eyes.							
	115.0-125.0 - Irregular fracturing, qtz. str.							
	Calcide on slips, blue qtz. at 121.5							
	137.0-150.0 - Weak shearing (Banding?)							
	115.0-175.0 - Well developed feldspar phenocrysts,							
	165.0-173.0 - 90% silica, (164-165. blue qtz.)							
	175.0-198.0 - Fine grained no phenocrysts							
	190.0-198.0 - 90% silica							
	197.0-197.5 - Sheared, silic., 3-4% pyr., pyrr.							
	212.7-213.4 - White qtz., 2% pyrr., cpy.							
	233.0-234.6 - 25% qtz., 2% pyrr., cpy.							
	at 233.8 - 2" qtz., 5% pyrr.							
	at 238.0 - 1/2" Section 25% pyrr., sl. cpy.							
	273.4-278.5 - Fract'd., irreg., calc. & Fed on slips							
	292.7-293.8 - " "							
300.0	End of Hole							

N.M.P. TORONTO-STOCK FORM NO. 501 REV. 12/51

DRILLED BY A. McKnight

SIGNED Ralph I. Benner

DIAMOND DRILL RECORD

575.37

PROPERTY Rowan Consolidated Mines Limited HOLE NO. 2
 (Whitesides)

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED May 23, 1964
 LATITUDE 1550 South DATUM _____ COMPLETED May 26, 1964
 DEPARTURE Profile 12 W BEARING Due North ULTIMATE DEPTH 250.0
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Cu	Zn	Fe	AU	AG
0-23.0	Casing							
23.0-250.0	Diorite							
	At 28.0 1" qtz.							
	At 41.3 1" qtz.							
	At 51.3 1" Calcite							
	At 72.3 3/4" qtz.							
	26.0 - 87.8 - Fract'd.							
	94.0 -122.0 - 90% Silica, (blue qtz. eyes)							
	96.5 -120.2 - Min. heavy sulphides, pyr., pyrr., sl. opy.							
	96.5 -100.0 - 20% pyr., pyrr.	201	3.5					
	100.0-105.0 - 20%-30% pyr., pyrr., garnet	202	5.0					
	165.0-110.0 - 40%-50% " " "	203	5.0					
	110.0-115.0 - 50%-60% " " "	204	5.0					
	115.0-120.2 - 40%-50% " " "	205	5.2					
	Blueqtz. throughout sulphides							
	125.0-250.0 - Well developed feldspar phenocrysts							
	120.0-135.0 - Fine grained ground mass.							
	161.0-164.0 - Weak shearing in fine grained ground mass.							
	193.5-198.5 - Siliceous							
	198.5-208.0 - Suggestion of shearing							
250.0	End of Hole							

N.M.P., TORONTO-STOCK FORM NO. 801 REV. 12/51

DRILLED BY A. McKnight

SIGNED Ralph I. Benner

DIAMOND DRILL RECORD

PROPERTY Rowan Consolidated Mines Ltd.
Whitesides

HOLE NO. 3 Cont'd.

SHEET NUMBER 2

SECTION FROM _____ TO _____

STARTED June 24, 1964

LATITUDE _____

DATUM _____

COMPLETED June 27, 1964

DEPARTURE _____

BEARING North

ULTIMATE DEPTH 500' .0

ELEVATION _____

DIP 45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GR	SI	CU	NI
200.0-500.0	Monite						
	207.0-211.5 - Weak Shearing 1% pyrr.						
	304.5-306.2 - Qts. Vein (white)						
	307.3-308.1 - " " "						
	310.0-312.0 - Weak Shearing irreg.						
	Qts. veinlets.						
	392.3-398.5 - 50 - 75% pyr., pyrr.	228	6.2	TH	0	0	0.02
	398.5-404.2 - " " " "	229	5.7	1.5	0	0	0
	405.0-442.0 - Fract'd., broken lost water at 414.0						
	465.2-468.0 - Fine grained, irreg. splashes Qts., chlorite						
	490.0-500.0 - Weak Shearing, patches Qts., sl.pyrr., epy., dissem.						
500.0	End of Hole						

DRILLED BY A. McKnight

SIGNED Ralph I. Jenner

DIAMOND DRILL RECORD

57542

PROPERTY Rowan Consolidated Mines Ltd.

HOLE NO. 5

Whitesides

SHEET NUMBER _____

SECTION FROM _____ TO _____

STARTED June 5, 1964

LATITUDE 1560 S

DATUM _____

COMPLETED June 9, 1964

DEPARTURE 14 W

BEARING North

ULTIMATE DEPTH 210.0

ELEVATION _____

DIP 45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	G GOLD	AU	N1	LU	CU
0 - 30.0	Casing							
30.0 - 210.0	Diorite - Coarse grained to 131.5							
	Fine grained to end of hole at 48.5 - 1"							
	siliceous streak, pyrr., pyr., cpy.							
	60.0 - 75.0 - 10-15% pyrr., slt. cpy., pyr.							
	60.0 - 60.5 - Weak shearing							
	60.0 - 65.0 - 5-15% pyrr., sl. pyr., cpy.	215	5.0	N11	.04	.05	.05	
	65.0 - 70.0 - 20% " " " "	216	5.0	0.4	N11	TR	.04	
	70.0 - 75.0 - 5-15% " " " "	217	5.0	--	.02	N11	.04	
	131.5 - 135.0 - Siliceous Lava?							
	155.0 - 160.0 - Alt'd. greenish							
	166.8 - 201.0 - 75% pyrr., pyr., blue qtz.							
	166.8 - 170.0 - 75% pyrr., pyr.	208	3.2	0.5	N11	N11		
	170.0 - 175.0 -	209	5.0	0.2	.02	N11		
	175.0 - 180.0 - " " " sl. cpy.	210	5.0	0.3	.02	N11	.05	
	180.0 - 185.0 - " " "	211	5.0	0.4	N11	N11		
	185.0 - 190.0 - " " "	212	5.0	N11	N11	TR		
	190.0 - 195.0 - " " "	213	5.0	N11	N11	N11		
	195.0 - 201.0 - " " "	214	6.0	3.6	0	0		
210.0	End of Hole							

DRILLED BY A. McKnight

SIGNED Ralph I. Benner

DIAMOND DRILL RECORD

57543

PROPERTY Howan Consolidated Mines Ltd.

HOLE NO. 7

White sides

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED June 18, 1964
 LATITUDE 1970 S DATUM _____ COMPLETED June 23, 1964
 DEPARTURE 18 W BEARING North ULTIMATE DEPTH 500.0
 ELEVATION _____ DIP 45° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	AG	GOLD	AU	NI	PLUGG	ZU	ZIN
0. - 64.0	Casing									
64.0 - 242.0	Diorite									
	185.0 - 221.2 - sl. massive pyrr., pyr. blue qtz.									
	185.0 - 190.0 -	219	5.0	0	0	0	0	0		
	190.0 - 195.0 -	220	5.0	TR	0	0.05	0			
	195.0 - 200.0 -	221	5.0	0.3	0	0.05				
	200.0 - 205.0 -	222	5.0	TR	0	0.05	0			
	205.0 - 210.0 -	223	5.0	0	0	0.02	0			
	210.0 - 215.0 -	224	5.0	0	0	0.05	0			
	215.0 - 221.2 -	225	6.2	0	0	0.02	0			
242.0 - 283.0	basal, sheared, 50% qtz.									
	260.0 - 283.0 - 10-20% pyrr., pyr., sl. zn, s. Banded, chloritic									
	260.0 - 265.0 - 2-5% pyrr., pyr. sl. zn.	226	5.0	0.0	0	0	0	0	0.4	
	265.0 - 270.0 - 2-5% pyrr., pyr., sl. zn.	227	5.0	0	0	0	0			
283.0 - 475.2	Diorite									
	325.0 - 330.0 - Siliceous, fine grained, qtz. str. sl. pyr.									
	at 355.5 - 3" qtz. sl. pyrr., pyr.									
	366.0 - 372.0 - Weak shearing, sl. cpy., zn, s. pyrr., pyr.									
	at 373.2 - Fract'd. 1" mud									
475.2 - 500.0	Diabase dike rock well fract'd.									

N.M.P., TORONTO-STOCK FORM NO. 501 REV. 12/51

500.0

End of Hole

DRILLED BY A. McHugh

SIGNED Ralph J. Penner

DIAMOND DRILL RECORD

PROPERTY Rowan Consolidated Mines Ltd.
(Whitesides)

HOLE NO. 11 cont'd.

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	AG	AU	CU	SI	NI
256.4 - 260.0	Pyrr., 5 - 20%	234		0	0	0.05	0.02	
260.0 - 265.0	Dissem & Massive pyrr. slt. bornite	235		0	0	0	0.02	
265 - 270.0	Dissem to massive pyrr., cpy., chlorite	236		0	0	0	0	
270.0 - 275.0	Dissem to massive pyrr., cpy., siliceous, garnet	237		0	0	0	0	
275.0 - 280.0	Massive pyrr., chl., cpy., silic.	238		TR	0	0	.02	
280.0 - 285.0	Diss. & Mass. pyrr., cpy., chlorite	239		0	0	0	0	
285.0 - 290.0	Massive & Dissem pyrr., cpy., chlorite	240		3.0	0	0	0	
290.0 - 295.0	Mostly massive pyrr., chl., cpy.	241		0	0	0	0	
295.0 - 300.0	" " " " "	242		0	0	0	TN	
300.0 - 305.0	Dissem & Mass. pyrr., cpy. Chl., garnets	243		0	0	0	0	
305.0 - 310.0	Mass. & Dissem, pyrr., cpy., silic.	244		TR	0	0.07	0	
310.0 - 315.0	" " " " "	245		0.5	0	0.02	0	
315.0 - 320.9	Dissem, pyrr., cpy., siliceous	246		TR	0	0	0	
362.0	End of Hole							

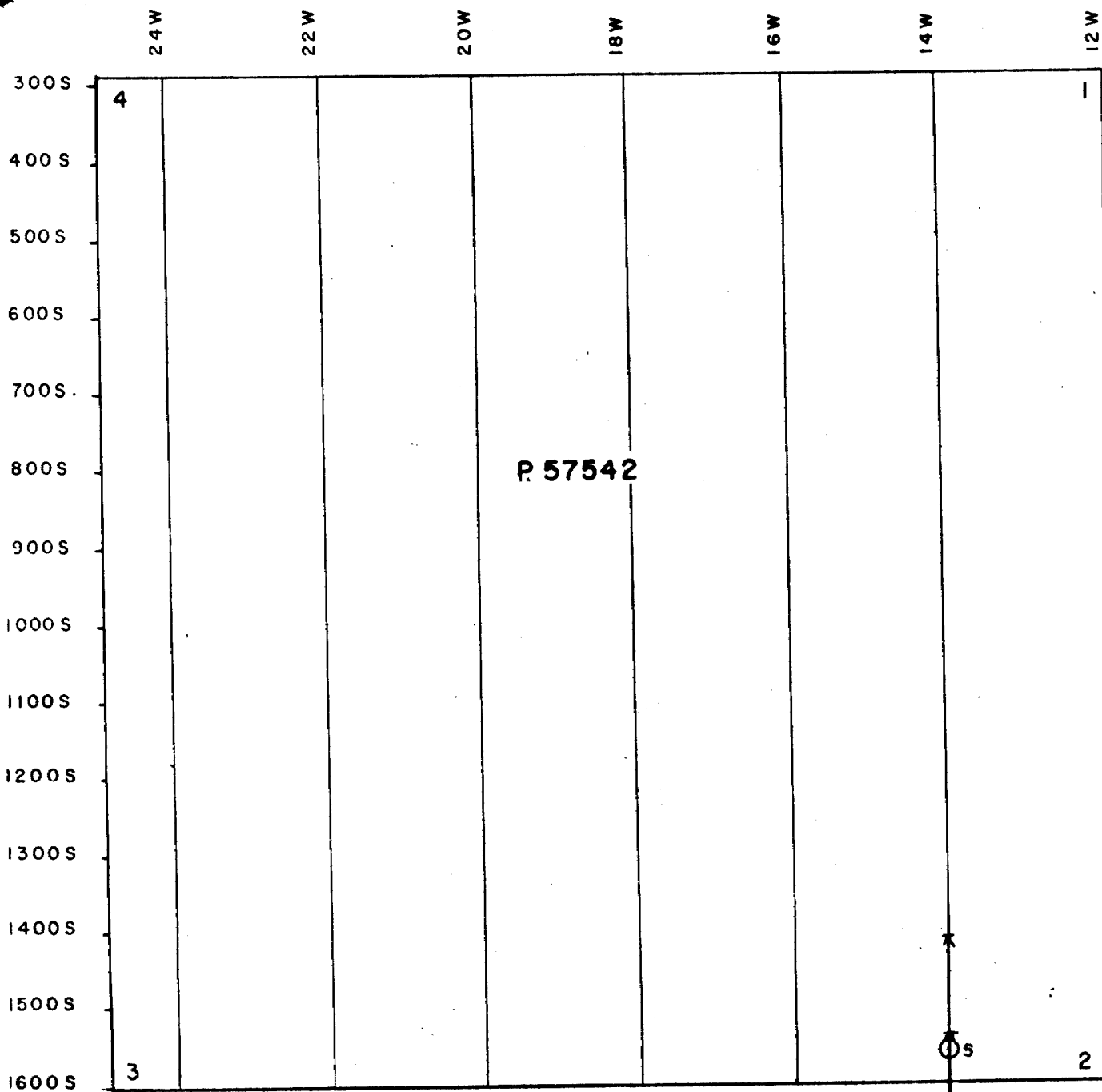
DIAMOND DRILL RECORD

57543

PROPERTY Rowan Consolidated Mines Limited HOLE NO. 13

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____
 LATITUDE 2110 South DATUM _____ COMPLETED _____
 DEPARTURE 2200 West BEARING South ULTIMATE DEPTH 641.0
 ELEVATION _____ DIP 55° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	AG	G	I
0 - 60.0	Casing					
60.0 - 641.0	Diorite					
	60.0 - 104.0 - 4 - 6% pyrr., minor opy.					
	86.2 - 89.0 - Fine grained siliceous					
	128.8 - 130.0 - Fract'd.					
	133.7 - 134.3 - "					
	135.0 - 161.0 - 4 - 5% pyrr., minor opy.					
	175.0 - 210.0 - altered, chloritic					
	186.5 - 191.0 - Weak shear, silic.					
	217.5 - 218.0 - Qtz.					
	250.0 - 265.0 - Fine grained, weak shearing alt., chl., siliceous					
	255.8 - 257.4 - Qtz.					
	at 307.0 - 1/2" qtz. core					
	at 483.8 - 484.7, 75% qtz.					
	at 486.5 - 2" qtz.					
	581.2 - 583.2 - Fract'd.					
	576.0 - 625.0 - Weak shearing 1-3% pyrr., pyr., minor opy., chl.					
	585.0 - 590.0 - 1-3% pyrr., pyr., minor opy.	257	5.0	0.2	0.07	
641.0	End of Hole					



DIAMOND DRILL HOLES - ASSESSMENT WORK

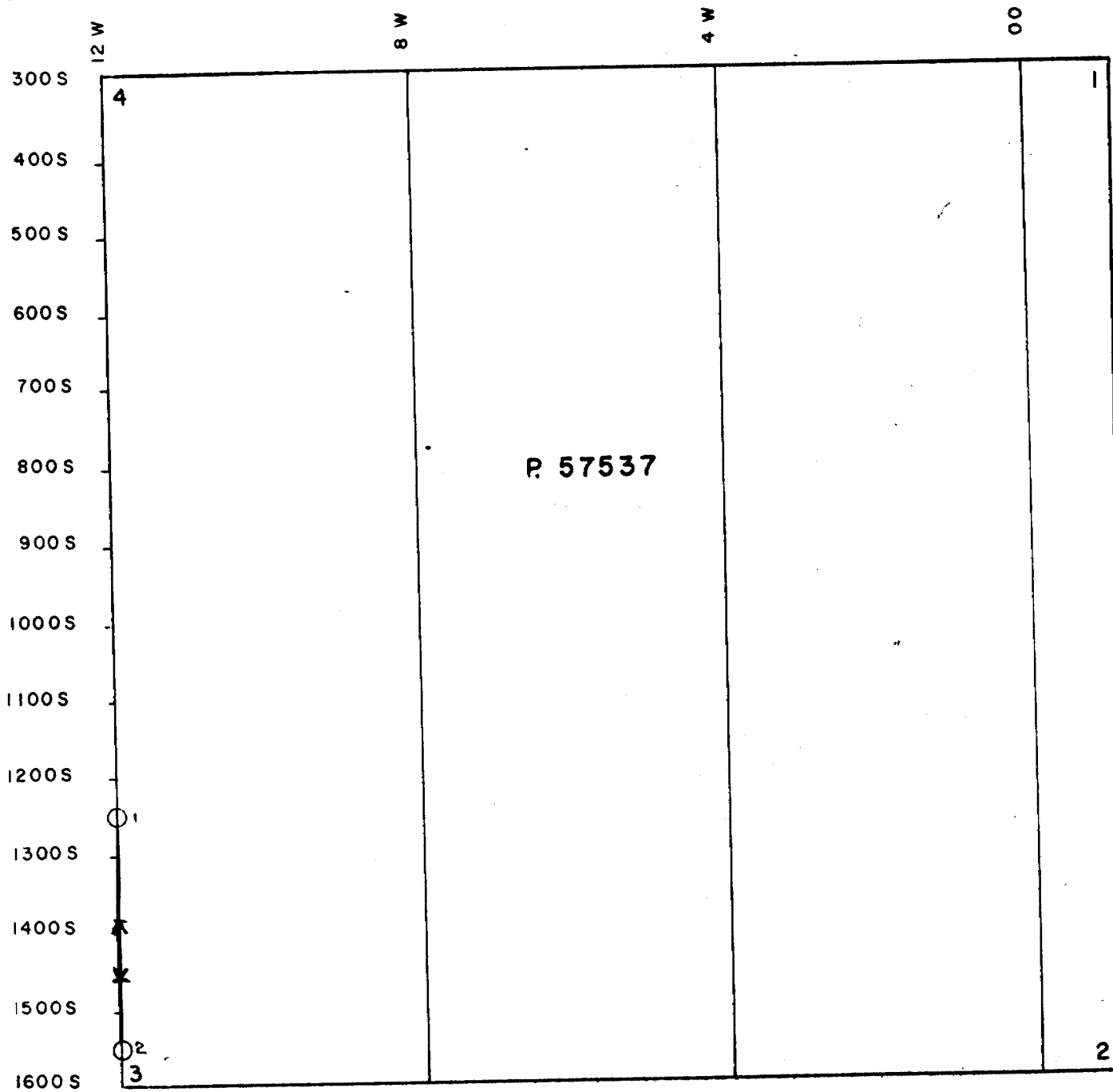
MID-NORTH ENGINEERING SERVICES LTD.

100' OF P. ~~57542~~ ⁵⁷⁵⁴³ WENT IN TO P. ~~57542~~ ⁵⁷⁵⁴³

WHITESIDES TWP.
57542

SCALE - 1 INCH = 200 FEET

M.A. 8/69



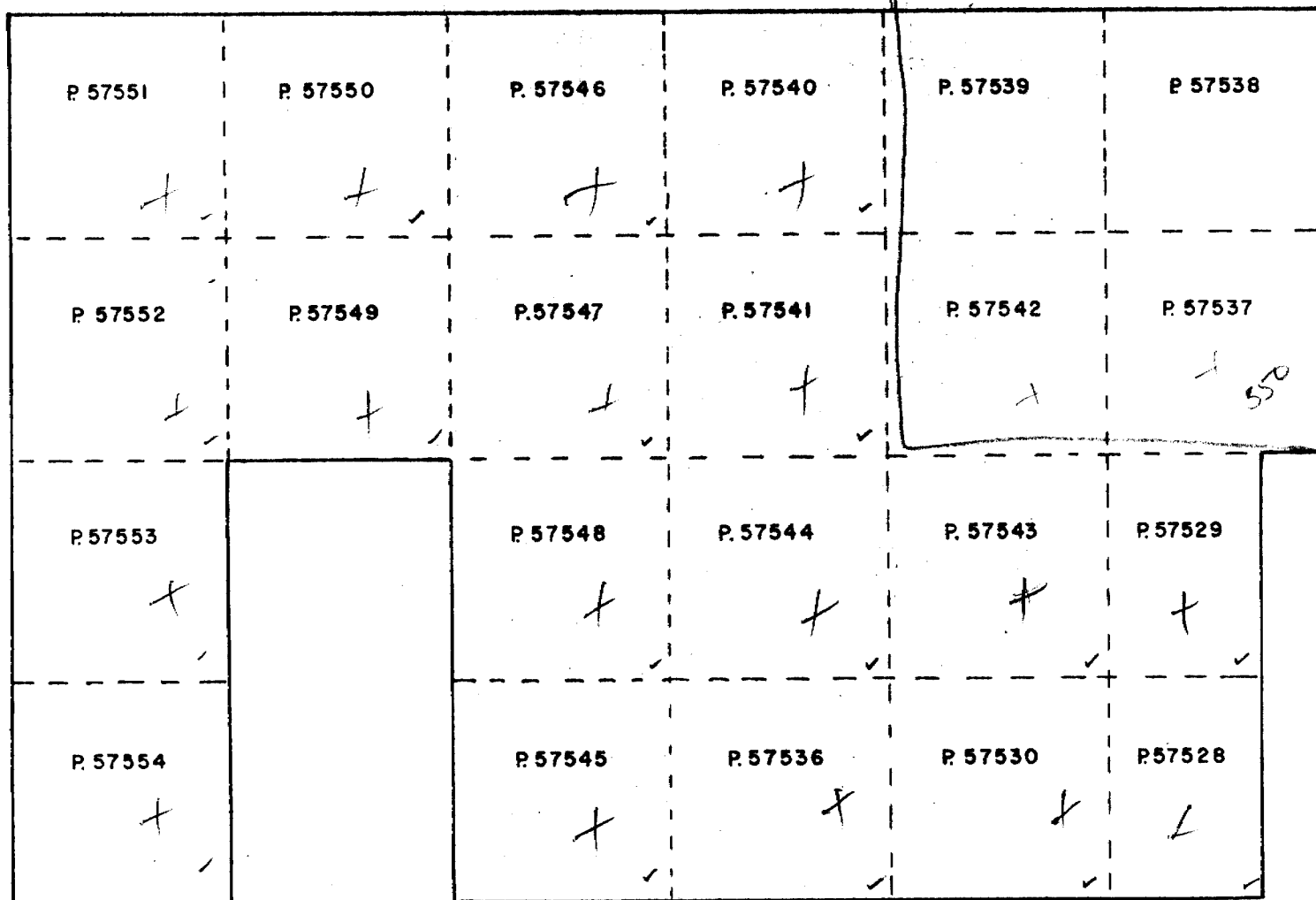
DIAMOND DRILL HOLES - ASSESSMENT WORK

MID-NORTH ENGINEERING SERVICES LTD.

WHITESIDES TWP.

SCALE - 1 INCH = 200 FEET

m.n. 8/69

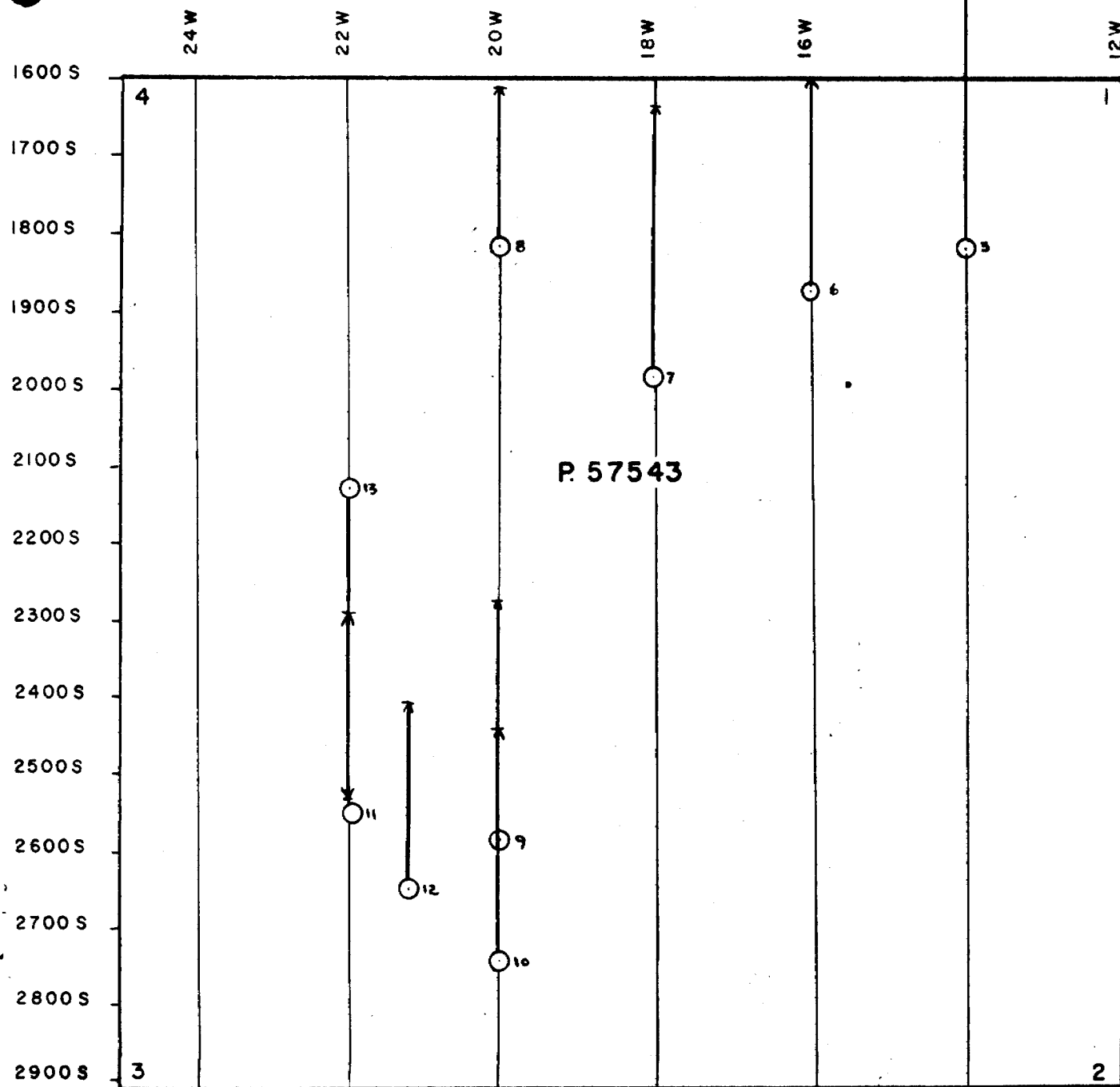


MID-NORTH ENGINEERING SERVICES LTD.

WHITESIDES TWP.

SCALE - 1 INCH = 1000 FEET

m.a. 8/69



DIAMOND DRILL HOLES — ASSESSMENT WORK

MID-NORTH ENGINEERING SERVICES LTD

WHITESIDES TWP

SCALE — 1 INCH = 200 FEET

M.A. 7/69