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300

# WEEKLY DRILL HOLE REPORT

Pickands Mather & Co. International

AM6 Co-ords:  
347400E 5367200N

Date \_\_\_\_\_ Sheet 1

D.H. D.H. H.102 Location NORTH HEEMSKIRK Coords. 450S 6000E

Elevation \_\_\_\_\_ Dip 45° Direction 180° (mag)

Size Hole NMLC 0-128 NXWL 128-180 Casing Size Depth \_\_\_\_\_  
BXWL 180 - 271

Classified by T. MUNRO Drilled by GLINDEMANN & KITCHING

3661  
key N

DATE	FROM	TO	FT. CORE	CORE REC.	FOOTAGE AND DESCRIPTION
					Core held M 20
2/2	0.0	8.2	3.6	43	<u>07-89</u> GRANITE Medium-grained aplitic granite containing
	8.2	14.8	4.4	66	chiefly quartz and feldspar. <u>Tourmaline</u> present in
	14.8	20.2	4.2	75	blotches and small nodules throughout. Some sulphides
	20.2	26.0	1.6	25	scattered throughout with slight concentrations on
	26.0	29.8	3.3	32	joints. Granite is brown and decomposed 0 - 30.0
	29.8	34.0	4.6	100	
6/2	34.0	35.5	1.10	33	
	35.5	40.2	4.0	85	
	40.2	45.2	4.3	85	
	45.2	49.7	4.6	81	
	49.7	55.1	4.6	98	
7/2	55.1	58.4	3.3	97	
	58.4	63.1	5.2	90	
	63.1	68.2	5.1	100	
	68.2	73.3	5.3	98	
	73.3	78.4	5.1	100	
	78.4	83.7	4.8	88	
	83.7	88.5	5.1	100	<u>89.0 - 271.0 ALTERED ULTRABASIC ROCK</u>
	88.5	93.7	5.2	100	From 89.0 to 180.0 well foliated, massive, mostly
	93.7	98.7	5.0	100	light-coloured and fine-grained banded with altern-
	98.7	103.1	5.0	100	ations of fine brownish dark minerals. Sulphides,
	103.1	108.1	5.0	100	chiefly pyrrhotite disseminated and concentrated on
9/2	108.1	113.1	5.0	100	some fractures. Zone rich in pyrrhotite with
	113.1	118.1	4.10	96	phlogopite (?) and fine-grained tourmaline 105 - 108
	118.1	123.1	5.0	100	Dark fine grained zone 120. - 127.0 with contorted
	123.1	128.2	5.1	100	foliation and dark chlorite on partings. Chalcopyrite
11/2	128.2	132.8	4.4	100	with pyrrhotite at 124.0 Very strongly banded and
	132.8	138.7	5.9	97	foliated 124.0 - 170.0 Small <u>fluorite</u> crystals
	138.7	144.2	5.6	98	114.0 - 122.0
	144.2	152.3	7.10	97	From 180.0 to 271.0 banding is irregular and rock
12/2	152.3	159.0	6.8	99	contains much light-coloured feldspar showing large
	159.0	165.7	6.8	98	cleavage faces in parts with pale to dark green

## WEEKLY DRILL HOLE REPORT

Pickands Mather &amp; Co. International

Date ..... Sheet 2  
 D.H. H.102 Location NTH HEEMSKIRK Coords. 40S 6000E  
 Elevation ..... Dip -45° Direction 180°  
 Size Hole NXWL 128 - 180 BXWL 271 - 565 Casing Size Depth .....  
 Classified by T. MUNRO Drilled by GLINDEMANN & KITCHING

DATE	FROM	TO	FT. CORE	CORE REC.	FOOTAGE AND DESCRIPTION
13/2	165.7	175.4	9.2	97	mafic minerals in varied abundance. Disseminated
	175.4	180.0	4.5	94	sulphides not very common with some concentrations
	180.0	188.0	7.5	93	on joints. Large black <u>tourmaline</u> crystals at 222.0
14/2	188.0	192.0	3.8	92	Medium-grained phase with granitic texture 214.0 -
	192.0	196.0	3.11	98	216.5. Slight carbonate content 170.0 - 200.0.
	196.0	198.6	2.2	93	Serpentine and <u>stichtite</u> at 245.0 - 255.0
	198.6	201.0	1.3	50	<u>271.0 - 273.0 ALTERED ULTRABASIC ROCK</u>
	201.0	202.3	0.7	46	Blotchy green and white altered ultrabasic
	202.3	203.3	0.5	42	<u>273.0 - 337.0 GRANITE</u>
15/2	203.3	207.0	2.11	78	Slightly porphyritic medium-grained quartz-feldspar
	207.0	208.3	0.6	40	tourmaline granite
	208.3	210.0	1.3	70	<u>337.0 - 348.0 QUARTZ-FELDSPAR PORPHYRY</u>
	210.0	213.6	3.1	88	Porphyry containing large sub-spherical quartz and
	213.6	218.6	4.1	82	feldspar blotches with some ferromags and veins of
	218.6	220.6	2.0	100	chlorite with sulphides on joints
	220.6	223.3	2.2	80	<u>348.0 - 523.0 GRANITE</u>
	223.3	227.0	2.10	76	Medium to coarse-grained 348.0 - 390.0, coarse-grained
	227.0	230.0	2.6	84	390.0 - 523.0 containing quartz, feldspar, biotite and
	230.0	234.0	2.5	65	tourmaline (?) some sulphides on joints
16/2	234.0	235.0	1.0	100	<u>523.0 - 540.0 RED GRANITE</u>
	235.0	236.9	0.9	43	Red coarse-grained orthoclase-microcline-quartz
	236.9	239.0	2.4	100	biotite granite
	239.0	241.3	2.2	99	<u>540.0 - 565.0 APLITE</u>
	241.3	243.0	1.7	90	Fairly fine-grained aplitic red to green granite with
	243.0	245.3	2.2	99	some minor disseminated sulphides (probably pyrrhotite)
	245.3	248.9	3.0	86	Dark-green zone 551.0 - 552.0 containing ferromagnesian
	248.9	250.0	1.0	80	<u>END OF HOLE</u>
	250.0	251.9	1.3	72	
	251.9	254.0	2.0	88	
17/2	254.0	255.6	1.7	100	
	255.6	256.9	1.3	100	
	256.9	258.3	1.9	100	

**WEEKLY DRILL HOLE REPORT**

Pickands Mather & Co. International

Date ..... Sheet **3**  
 D.H. **H.102** Location **NORTH HEEMSKIRK** Coords. **450S 6000E**  
 Elevation ..... Dip **-45°** Direction **180° (mag)**  
 Size Hole **NXWL 128 - 180** Casing Size Depth .....  
**BXWL 271 - 565**  
 Classified by **T. MUNRO** Drilled by **GLINDEMANN & KITCHING**

DATE	FROM	TO	FT. CORE	CORE REC.	FOOTAGE AND DESCRIPTION
17/2	258.3	260.6	1.9	78	
	260.6	264.6	4.1	100	
	264.6	268.6	3.10	97	
	268.6	270.9	2.0	81	
	270.9	273.0	2.10	100	
	273.0	274.6	1.4	81	
	274.6	276.3	1.11	77	
	276.3	278.3	1.11	97	
	278.3	279.6	1.1	82	
	279.6	280.6	0.6	50	
	280.6	283.9	0.6	17	
	283.9	284.9	0.6	50	
	284.9	286.6	0.8	39	
	286.6	287.6	0.8	67	
	287.6	289.3	1.9	100	
	289.3	290.9	1.5	86	
	290.9	294.6	3.6	95	
	294.6	298.3	3.4	89	
	298.3	299.3	1.3	100	
	299.3	300.0	0.5	55	
	300.0	302.3	2.0	88	
	302.3	304.6	2.2	98	
	304.6	305.0	0.7	100	
	305.0	309.0	3.9	95	
	309.0	312.9	3.4	89	
	312.9	316.6	2.11	89	
	316.6	321.9	5.8	100	
	321.9	324.0	2.5	100	
	324.0	326.0	2.0	100	
	326.0	330.0	4.2	100	
	330.0	332.9	2.8	98	
	332.9	333.6	0.3	33	

## WEEKLY DRILL HOLE REPORT

Pickands Mather &amp; Co. International

Date ..... Sheet **4**  
 D.H. **D.H. H.102** Location **NORTH HEEMSKIRK** Coords. **450S 6000E**  
 Elevation ..... Dip **45°** Direction **180° (mag)**  
 Size Hole **NMLC 0 - 128 NWL 128-180** Casing Size Depth .....  
**BXWL 180-271**  
 Classified by **T. MUNRO** Drilled by .....

DATE	FROM	TO	FT. CORE	CORE REC.	FOOTAGE AND DESCRIPTION
	333.6	335.0	1.7	100	
	335.0	337.6	2.1	83	
	337.6	340.0	2.1	83	
	340.0	342.6	1.10	73	
	342.6	343.6	0.10	83	
	343.6	346.0	0.7	84	
	346.0	349.0	2.2	73	
	349.0	353.0	3.0	76	
	353.0	353.6	0.3	50	
	353.6	356.0	1.9	70	
	356.0	359.3	2.5	76	
	359.3	363.3	3.10	97	
	363.3	366.6	3.0	93	
	366.6	368.0	1.0	61	
	368.0	371.0	3.0	100	
	371.0	374.6	2.11	86	
	374.6	379.9	5.3	100	
	379.9	384.0	4.2	98	
	384.0	389.0	5.0	100	
	389.0	391.9	2.9	100	
	391.9	395.2	4.4	100	
	395.2	405.9	9.0	85	
	405.9	415.9	9.8	87	
	415.9	421.0	5.2	99	
	421.0	431.0	4.5	44	
	431.0	440.3	9.3	100	
	440.3	445.3	3.2	63	
	445.3	449.0	3.1	65	
	449.0	455.3	6.3	100	
	455.3	460.0	5.3	100	
	460.0	463.6	3.1	88	
	463.6	473.6	7.8	77	

