

DRILLING RECORD

SCHEME-- GREAT LAKE POWER DEVELOPMENT		POSITION	CO-ORDINATES	E 484.0720	N 851.2612	HOLE No 5112
LOCATION-- Tailrace Tunnel			ON LINE:	BEARING:	AT CH:	
POSITION PLOTTED ON DRAWING No.		LEVEL	FROM STN:	BEARING:	DIST:	FILE No.
DATES: (a) DRILLED: _____ (b) WATER TABLE _____			SURFACE	FORMATION:	WATER TABLE:	
METHOD USED: D.D. DIAMETER.		INCL	9928	Macrae.		SHEET 1 OF 4 SHEETS
SITE REMARKS:			HOLE DRILLED:	DEPRESSION ANG.:	INCL BEARING:	
			VERT HOR INC			

STANDARD LEVEL 928	DEPTH	CORE DRAWN	RECOVERY 0.2 0.4 0.6 0.8 1.0 1	GRAPHIC LOG	JOINTS	WATER	REMARKS
	0						0-42 OVERBURDEN, clay sand and boulders.
	5						
	10						
	15						
	20						
	25						
	30						
	35						
	40						
	42						42-118'4" MACRAE
	45				30/30		42-77 Dark grey fossiliferous mudstone with numerous Bryozoans: fossils leached out but rock fresh to 74'
	50				10/45		
	55				70/		
	60				v/		
	65				60/		Soft layers at 65' and 73'
	70				60/		70' disturbed bedding - worm cast
	75				45/		
	80				20/		77-94' mudstone sandier with numerous white specks and more pebbles and Brachiopods less Bryozoans
	85				45/		
	90				v/		
	95				45/		
	100				70/		94-105 finer grain then back to sandier mudstone with pebbles and suggestion of disturbed bedding
828					v/		

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POSITION PLOTTED ON DRAWING No.			FROM STN.	BEARING	DIST.	FILE No.
DATES: (a) DRILLED		LEVEL	SURFACE	FORMATION	WATER TABLE	SHEET 2 OF 4 SHEETS
(b) WATER TABLE			928	<i>Macrae, Billop, Brumby, Quamby</i>		
METHOD USED: D.D. DIAMETER		INCL	HOLE DRILLED	DEPRESSION ANG.	INCL BEARING	
SITE REMARKS:			VERT/HOR INCL			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG	JOINTS	WATER	REMARKS
822	100						
	5						
	10						
	15						113'6" - 114'7" sandier pebbly mudstone <i>Stenopora</i> core becomes dirty sandstone at 118'4"
	20						118'4" - 131'10" BILLOP
	25						122' 1 st pebble over 1" diam. in sandy matrix - matrix limy in most places
	30						131'10" - 191'5" BRUMBY
	35						no joints limy bands at 132'6" - 133' 135'8" - 135'6" 149' - 149'6" 153'6" - 154'1"
	40						coarse <i>Stenopora</i> to 153' then finer <i>Bryozoans</i> and other fossils disappear downwards.
	45						
	50						
	55						
	60						
	65						
	70						
	75						
	80						
	85						
	90						191'5" - QUAMBY
	95						191'5" pebbles 1" diam. fossils 194'6" scattered pebbles 1" diam. fossils
728	200						

45
Ca

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POSITION PLOTTED ON DRAWING No:			FROM STN.	BEARING	DIST.	FILE No.
DATES: (a) DRILLED: (b) WATER TABLE		SURFACE	FORMATION	WATER TABLE		
METHOD USED D.D. DIAMETER:		LEVEL	928	Quamby		SHEET 3 OF 4 SHEETS
SITE REMARKS:		INCL	HOLE DRILLED:	DEPRESSION ANG.	INCL BEARING:	
			VERT/HORIZING			

STANDARD LEVEL	DEPTH	CORE DRAWN	RECOVERY	GRAPHIC LOG.	JOINTS	WATER	REMARKS
728	20'0"						
	5'						<i>Sandy mudstone with pebble bands and</i>
	210'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>204'3" 4" band pebbles 2", f. scattered fossils and pebbles.</p> <p>205'6" 6" band pebbles 1", fossils</p> <p>207'10" 6" band pebbles 1", fossils; 208'10" 5" band pebbles 1", f.</p> <p>210'4" 8" band pebbles 3", fossils.</p> <p>211'5" - 213'4" conglomerate band</p> <p>214'3" 3" band pebbles 1", fossils</p> <p>2" pebble</p> <p>215'10" - 220'4" band scattered pebbles 1"</p> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>
	240'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>
	250'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>
	260'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>
	270'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>
	280'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>
	290'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>
	300'						<div style="display: flex; align-items: center;"> 80' Ca <div style="flex-grow: 1;"> <p>223'10" 1/2" band.</p> <p>224'3" - 224'8" pebbles 2" diam.</p> <p>225' band pebbles 1" diam. 227'3" pebble 3"</p> <p>225 - dark grey mudstone with less sand than above.</p> </div> </div>

