



PROJECT DUNDAS - TASHAMIA NO 84-109	ELEVATION	COMMENCED 11-9-1984	BORE HOLE SURVEY Eastman Single Shot - B.O.D. Pty Ltd.								
PROSPECT BANNOCKBURN - SONNY CORNER	DIP COLLAR -50	COMPLETED 24-9-1984	Depth	Dip	Bearing	Depth	Dip	Bearing	Depth	Dip	Bearing
CO-ORDINATES 58072 N 65387 E	CORE SIZE HQ, NQ	TOTAL LENGTH 142m.	50	50°	210°						
BEARING 221° G 211° M 222° T	LOGGED BY PA. JONES	MACHINE USED MINDRILL 10L - B.O.D. Pty Ltd.	100	51°	210°						
			140	50°	210°						

METERAGE		DESCRIPTION	MINERALIZATION	SAMPLE NO	METERAGE			ASSAYS														
From	To				From	To	Length	Cu	Pb	Zn	Ag	Mn	Ba									
0.00	8.00	SILURIAN - CROTTY QUARTZITE Roller Bit through white moderately weathered sandstone and siltstone.																				
8.00	20.00	Quartz Sandstone: Massive, white - grey, medium grained, well sorted qtz sandstone.																				
20.00	23.00	Bioturbated Sandstone: Bioturbated, grey - grey/brown, fine to medium grained argillaceous sandstone. Fracture faces coated by oxidised bitumen. Bedding 75° to ca @ 21 metres.																				
23.00	25.00	Nodular siltstone: Slumpy textured, completely weathered, nodular grey argillaceous siltstone. Dark grey colorbed slumped intraclasts set within a grey silty matrix.																				
25.00	45.00	Roller Bit - through grey clays and minor silty sandstones. GORDON LIMESTONE. contact probably near 40 metre mark with cuttings indicating CW argillaceous dolomite.																				
45.00	46.80	Argillaceous Dol-tuffite: Completely weathered black - grey, relict layered, argillaceous Dol-tuffite. Minor CW dolomite veining.		113312	45	46	1	22	2650	5800	1	30	280									
				113313	46	47	1	26	1100	2900	1	1850	260									
46.80	48.00	Siltstone Olive-grey, beige, completely weathered,	Trace pyrite.	113314	47	48	1	75	1500	1950	1	600	175									

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METERAGE		DESCRIPTION	MINERALIZATION	SAMPLE NO	METERAGE			ASSAYS						
From	To				From	To	Length	Cu	Pb	Zn	Ag	Mn	Ba	
46.80	48.00	CONT: pyritic, argillaceous siltstone.												
48.00	51.50	cw Layered Argillaceous Dol-lutite: Completely weathered grey to black fine grained, argillaceous pyritic (minor disseminated galena) dol-lutite. Minor relict layering - bedding ?? heavily disturbed through drilling. Minor interbeds of beige dol-arenites showing brecciated texture with little movement of fragments.	Disseminated Ga as coarsely crystalline cubes and aggregates.	113315 113316 113317 113318	48 49 50 51	49 50 51 52	1 1 1 1	55 20 14 16	2.20% 4700 1450 580	2.25% 4850 7050 2.45%	10 5 1 1	1600 3450 1550 6150	135 110 185 220	
51.50	53.60	Dolomitized, weakly silicified Breccia: Highly to completely weathered dark brown dolomitized and weakly silicified breccia? with more porous beige dol-arenite fragments set in an extremely fine grained dark brown micritic dolomite matrix. Minor fracture fillings and fossil cast infilling by cream coloured dolomite. Zones within unit predominantly grey brown cw clay zones after dolomite ??	Trace ga in dolomite matrix very fine grained	113319 113320	52 53	53 54	1 1	8 16	1200 5950	1.95% 2.40%	<1 2	1.35% 3300	55 230	
53.60	60.50	cw Sideritized Acid Volcanic (Crystal Tuff): In general coarse grained, spotted white (kaolinized feldspar crystals) sideritized, cream to orange-beige volcanic ?? Massive with minor interbeds of olive grey massive completely weathered clay (volcanic vitric tuff ??)		113321 113322 113343 113344 113345 113323 113324	54 55 56 57 58 59 60	55 56 57 58 59 60 61	1 1 1 1 1 1 1	38 85 60 65 48 80 48	210 50 22 230 8 26 330	3550 1200 6050 1550 1950 790 1650	1 <1 <1 <1 <1 <1 1	3650 4050 6650 6950 8550 6300 6300	210 155 125 165 80 85 125	
60.50	72.80	Interbedded Dol-lutite / Dol-arenite: Highly to completely weathered argillaceous grey Dol-lutites interbedded with grey beige dol-arenites with minor 10-20 cm wide zones showing moderate	62.5-63.5 ~ 3% Pb One to Two metres either side estimated to aw 1% Pb-Zn.	113325 113326 113327 113328 113329 113330	61 62 63 64 65 66 67	62 63 64 65 66 67	1 1 1 1 1 1	34 100 28 22 22 18	1.16% 5.20% 1.17% 1450 1700 1200	7050 1.70% 7600 2650 1400 2850	9 22 9 3 2 3	2500 2400 4050 1300 590 1600	210 230 260 370 340 330	



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From	To				From	To	Length	Cu	Pb	Zn	Ag	Mn	Ba
60.50	72.80	CON'T: dolomitization and weak silicification. Clays etc very pyritic with minor to moderate coarse grained galena - sphalerite (pyrite) from 60.5 to 64.00 metres. Core cut by numerous dolomite siderite veins (cw), coarsely crystalline and sphalerite and galena present.		113331	67	68	1	16	860	2250	3	700	230
				113332	68	69	1	14	530	700	1	560	160
				113333	69	70	1	12	840	380	1	4500	160
				113334	70	71	1	14	1650	380	1	530	180
				113335	71	72	1	16	730	420	1	470	180
				113336	72	73	1	24	3150	330	4	440	170
72.80	74.00	Weakly Sideritized CW Acid Volcanic (Crystal Tuff): Coarse grained, spotted white (kaolinized feldspar crystals) weakly sideritic white to cream, completely weathered acid volcanic?? Massive no bedding uniformly textured, Weakly pyritic as very fine grained disseminations.	Trace pyrite as fine grained disseminations.	113337	73	74	1	210	3000	220	3	170	140
74.00	75.00	Sideritic veined CW Dolomite: Completely weathered fine grained in part argillaceous black to dark grey siderite veined dolomite. Core very ruddy.		113338	74	75	1	20	4550	1250	3	1100	75
75.00	76.00	Weakly Sideritized CW Acid Volcanic (crystal tuff): As for the previous unit 72.80-74.00m		113339	75	76	1	85	680	340	1	460	135
76.00	111.00	HW Dol-lutite with minor Dolarenite: Highly to completely weathered, extensively broken and ruddy, massive? dark grey, grey and black dol-lutites and minor olive grey dol-arenites. Core recovers through zone 30-35%. Trace pyrite in dark black dol-lutite. Trace galena 95m.	Trace py in black units. Trace ga at 95m (coarsely crystalline dissemination)	113340	76	78	2	16	1800	930	1	470	135
				113341	78	79	1	12	260	180	1	250	155
				113342	79	80	1	10	80	200	<1	230	165
111.00	120.00	Highly Fossiliferous Calc-lutite minor Dol-lutite: Sequence of highly weathered to fresh											

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METERAGE		DESCRIPTION	MINERALIZATION	SAMPLE NO	METERAGE			ASSAYS												
From	To				From	To	Length													
111.00	120.00	CONT: highly fossiliferous (coralline debris, stromatoporaoid fragments, oncolites - up to 2cm diam. and intraclasts - up to 1.5 cm diam) heavily stylolitized and micro and macro faulted, calc-lutites interbedded with massive dark gray to black fossiliferous (coralline fragments - very calcareous) argillaceous fine grained dol-lutite. NIL Recoveries 116 - 120.00 metres (EMPTY)																		
120.00	134.50	Dolomitized Carbonate: Dark grey, heavily dolomitized and later dolomite veined (finely crystalline cream white crystals) possible more massive carbonate? No original textures are observable. Dolomite veins < 1mm width core extensively broken, with many rubby sections																		
HQ to NG @ 120 m.																				
134.50	142.00	Interbedded Calc-lutite / Calc-arenite / Dol-lutite: Completely weathered silty zone from 134.50 to 137.20. Rest being fresh, light gray weakly fossiliferous (shelly, oncolites and intraclasts) calc-lutites interbedded (contacts slumpy and deformed) with darker gray weakly dolomitized calc-arenites and with darker gray to black argillaceous pyritic massive fine grained primary dolomite? Core cut by numerous fine calcite veins and veinlets. Core heavily stylolitized. END OF HOLE 142.00 metres.																		

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