

158
DDH 5 GRANVILLE EAST PROSPECT - E.L. 1/77

Proposed: P. Heithersay
Approved: R.R. Large, T.W. Dickson
Planned Depth: 150 m.

Collar Co-ordinates: 9990N, 9880E

Collar Declination: 60°

Collar Azimuth: 231°

Final Depth: 194 m.

Bore Hole Survey:

Metres	Inclination	Azimuth
94	59°	229°M
144	56°	226°M
194	55°	226°M

GEOPEKO TASMANIA DRILL LOG

Prospect GRANVILLE EAST Hole no. JDHS

DEPTH (m)		GRAPHIC LOG	ANGLE TO CORE AXIS		GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION				Fracturing	Sample No.	From (m)	To (m)	Rec (m)	ASSAYS (Lab)									
from	to		So	Si			py	pyrrhotite	magnetite	spinel						SW	W	CU	Pb	Zn	Ag	FE	B	Mb	As
		P P			Pyrrhotite SILICA SERPENTINE ROCK Pyrrhotite veins between		✓	20-80%	✓	✓		105 7556	117	118	1	50	X	100	20	55	0.5	2.70	X	X	330
		P P			20% to 80% Banded and massive form. Pyrite replacing pyrrhotite							7557	118	119	1	35	X	160	5	1550	1.0	1.73	X	X	400
119	121				Several phases of mineralisation evident. Early oxidized							7558	119	120	1	25	X	70	5	105	0.5	2.15	X	X	78
121	123				Grey silstone CARBONATE thin veins of pyrrhotite							7559	120	121	1	10	X	105	25	240	0.5	2.50	X	X	56
					FINELY LAMINATED BLACK SHALE Thin bands of		✓	5-10%	✓	✓		7560	121	122	1	15	X	105	20	80	1.0	2.45	X	X	22
					yellow carbonate giving overall yellow tinge.							7561	122	123	1	10	X	75	5	105	0.5	2.50	X	X	44
												7562	123	124	1	55	X	105	20	145	1.0	2.20	1200	2.0	170
												7563	124	125	1	35	X	150	25	925	0.5	2.15	X	X	58
												7564	125	126	1	25	X	135	270	800	1.0	2.30	X	X	58
												7565	126	127	1	55	X	240	35	45	0.5	2.25	4	X	90
128	132			75°	BLACK SHALE WITH WHITE YELLOW CALCILICATE		✓	30-90%	✓			7566	127	129	1	25	X	90	10	115	1.0	2.35	X	X	90
		P P			Bands Calcilicates consist of pyroxene (chlorite), tremolite							7568	129	130	1	9	X	105	20	405	1.0	2.15	X	X	180
		P P			serpentine Calcilicate bands have been partially replaced							7569	130	131	1	15	X	160	5	60	1.0	1.65	X	X	100
132	137	P P			by pyrrhotite At 128+3m. a 10cm zone of massive pyrrhotite							7570	131	132	1	20	X	55	10	40	0.5	2.35	X	X	98
					occurs							7571	132	133	1	7	X	20	X	25	X	1.40	2	X	100
					Black shale with white tremolite bands usually with pyrrhotite							7572	133	134	1	15	X	20	X	20	0.5	1.70	2	1.0	30
					in the core White mica common in veins							7573	134	135	1	15	X	35	X	20	X	2.00	2	1.0	37
												7574	135	136	1	15	X	10	X	15	X	0.45	70	1.0	43
137	182				Banded Calcilicate Sequences Discrete alternations		✓	3%	✓			7576	137	138	1	10	X	25	15	25	X	1.38	134	1.5	9
					of white tremolite and pyroxene with green serpentine (and hornblende)							7577	138	139	1	20	X	25	10	35	X	1.35	44	0.5	7
					with thin sheets of grey cherty silica. Irregular bedding							7578	139	140	1	10	X	30	5	55	X	1.55	8	1.0	7
					suggestive of syndepositional slumping. Micaceous							7579	140	141	1	6	X	30	5	150	X	1.35	2	1.0	4
					and pale laminations common. Fairly uniform							7580	141	142	1	10	X	10	X	20	X	0.47	X	1.0	9
					calcilicate horizons? Pyrrhotite occurs as thin							7581	142	143	1	8	X	10	5	25	X	0.48	X	6.5	15
					veinlets							7582	143	144	1	6	X	10	X	30	1.0	0.99	X	2.0	15
												7583	144	145	1	5	X	5	5	45	X	0.33	X	3.5	31
												7584	145	146	1	15	X	15	5	20	X	0.46	X	8.0	9
												7585	146	147	1	8	X	20	5	50	0.5	0.75	X	1.5	14
												7586	147	148	1	9	X	15	10	30	X	0.62	X	6.0	15
												7587	148	149	1	15	X	35	5	65	0.5	1.35	X	1.5	13
												7588	149	150	1	10	X	10	5	60	0.5	0.45	X	2.9	24
												7589	150	151	1	10	X	15	10	750	0.5	0.61	X	9.5	22
												7590	151	152	1	15	X	15	X	390	X	0.71	4	7.0	32
												7591	152	153	1	10	X	15	5	90	0.5	0.75	X	1.0	45
												7592	153	154	1	6	X	5	X	35	X	0.30	X	4.0	19
												7593	154	155	1	4	X	10	X	35	X	0.375	X	4.5	46
												7594	155	156	1	15	X	5	X	10	X	0.30	X	1.0	1.0

GLOPEKO TASMANIA DRILL LOG

Prospect *GRANVILLE EAST* Hole no. *DDHS*

DEPTH (m)		GRAPHIC LOG	ANGLE TO CORE AXIS		GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION				Fracturing	Sample No	From (m)	To (m)	Rec (m)	ASSAYS (Lab: <i>AAAS</i>)									
from	to		So	Si			py										SN	W	CU	PB	ZN	AG	FE	DI	MO
												7595	156	157		15	X	20	X	100	0.5	0.42	X	X	19
												7596	157	158		15	X	20	S	260	X	0.89	X	X	27
												7597	158	159		15	X	25	X	345	X	1.05	X	0.5	7
												7598	159	160		15	X	25	10	50	X	1.25	X	2.0	9
												7599	160	161		6	X	105	X	140	X	1.75	X	2.5	9
				90°								105 7600	161	162		10	X	20	S	60	X	0.815	X	2.0	6
												7601	162	163		6	X	25	S	45	X	1.05	X	1.5	5
												7602	163	164		10	X	20	S	30	0.5	1.10	X	3.0	7
						164-165m						7603	164	165		20	X	95	S	140	X	1.60	X	X	9
						Massive sphalerite in thin bands within a white pyroxene rock						7604	165	166		25	X	30	25	4075	X	1.55	2	3.0	28
												7605	166	167		10	X	20	X	190	X	0.74	X	1.0	25
												7606	167	168		15	X	20	X	120	X	1.15	4	1.0	6
												7607	168	169		8	X	20	S	140	0.5	0.865	X	0.5	17
												7608	169	170		10	X	15	X	130	X	0.80	2	X	8
												7609	170	171		10	X	20	X	65	X	0.915	X	0.5	7
												7610	171	172		X	X	10	S	65	X	0.89	X	0.5	4
												7611	172	173		6	X	10	10	65	X	0.895	X	2.5	2
												7612	173	174		X	X	15	10	145	X	1.50	X	1.5	0
												7613	174	175		X	X	15	S	80	0.5	0.93	X	1.0	44
						Band of massive sphalerite						7614	175	176		15	X	45	40	1437	X	1.55	14	1.0	71
												7615	176	177		X	X	25	X	305	0.5	0.95	X	4.0	28
												7616	177	178		X	X	10	S	75	X	0.81	X	4.5	24
												7617	178	179		X	X	10	X	70	X	0.58	X	5.0	9
												7618	179	180		X	X	10	X	85	0.5	0.49	X	3.5	22
												7619	180	181		X	X	25	X	55	0.5	0.93	X	6.5	22
182	194											7620	181	182		X	X	15	X	75	X	0.78	X	1.5	36
						Black shale - with white tenechic layers. Very distorted bedding Irregular fold						7621	182	183		X	X	25	X	195	X	0.94	X	4.0	40
												7622	183	184		X	X	40	X	505	X	1.25	X	3.5	21
												7623	184	185		X	X	15	X	325	0.5	0.73	X	3.0	9
												7624	185	186		X	X	35	X	675	X	1.15	X	3.0	14
												7625	186	187		X	X	10	X	50	X	0.49	X	3.0	4
												7626	187	188		X	X	20	S	125	X	0.59	X	3.0	X
												7627	188	189		X	X	5	S	60	X	0.33	X	1.5	17
												7628	189	190		X	X	15	X	55	X	0.60	X	1.0	9
												7629	190	191		X	X	10	S	185	0.5	0.51	X	2.5	4
												7630	191	192		X	X	10	S	85	1.0	0.5	X	2.0	6
												7631	192	193		X	X	25	10	50	X	0.85	X	0.5	17
						E.O.H. 194m						7632	193	194		X	X	10	X	35	X	0.42	X	1.0	22

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