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DDH.2

GRANVILLE EAST PROSPECT - E.L. 1/77

Proposed: P. Heithersay

Approved: R.R. Large, T.W. Dickson

Planned Depth: 250 m.

Collar Co-ordinates: 9700N, 9960E

Collar Declination: 50°

Collar Azimuth: 231°

Final Depth: 220 m.

Bore Hole survey.

GEOPEKO TASMANIA DRILL LOG

Prospect GRANVILLE EAST Hole no. DDH2 138

DEPTH (m)		ANGLE TO CORE AXIS	GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION		Fracturing	Sample No.	From (m)	To (m)	Rec (m)	ASSAYS (Lab:)									
from	to				LOG	So						Si	py	spinel	Sn	W	Cu	Pb	Zn	Ag	Fe
0	3		Casing HQ tricone bit preclear						0	1											
									1	2											
									2	3											
3	10-20		Finely laminated sorted black shale and carbonaceous siliceous. Small porphyroblasts of cordierite throughout. Very carbonaceous in part. Pyrite laminae parallel to bedding and cleavage. Grading evident in the coarser grained layers. Facing appears to be upward. Minor quartz veining.		✓				3	4											
									4	5											
									5	6											
									6	7											
		75°							7	8											
		75°							8	9											
									9	10											
									10	11											
									11	12											
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									26	27											
									27	28											
									28	29											
30-20	464	75°	Gradational contact. Banded white and grey ONCHITIC / CARBONATE SEQUENCE.					1057001	29	30	1	λ	x	110	110	385	0.5	160	2	8.0	30
			Banded white fine grained carbonate, grey silified shaly bands white/yellow pyroxene bands. Nests and veins of pyrrhotite. Bands and veins of green yellow serpentine. Clusters of muscovite. Dendritic masses of sphalerite included in pyroxene layers. Numerous small scale isoclinal folds.		✓	✓		7002	30	31	1	x	x	85	105	765	0.5	190	x	2.0	13
								7003	31	32	1	x	x	20	20	225	x	1.00	x	3.5	9
								7004	32	33	1	x	x	20	25	400	x	9200	x	5.0	10
								7005	33	34	1	5	x	15	20	225	x	6150	x	7.0	7
		60°						7006	34	35	0.45	11	x	15	15	710	x	7050	x	5.5	14
								7007	35	36	1	x	x	10	10	290	x	6150	2	5.0	17
								7008	36	37	1	x	x	15	15	520	x	3550	x	2.5	12
								7009	37	38	1	x	x	15	25	130	x	5000	2	1.0	11
								7010	38	39	1	x	x	25	10	310	x	9800	x	2.0	19

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GEOPEKO TASMANIA DRILL LOG

Prospect GRANVILLE EAST Hole no. DDH2 **141**

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		S ₁	S ₂			py	sphtk	po	asp.						Sn	W	Cu	Pb	Zn	Ag	Fe	Bi	Mo	As	
119.9	120.49	[log symbol]			Calcic pyroxene rock. Mottled banded serpentine		✓			✓			117	118	1	x	x	10	x	100	x	700	x	x	-	
		[log symbol]			pyroxene rock. Discrete bands of pyroxene. Muscovite phlogopite associated. Bands and patches of white unaltered carbonate. 123.9. 5cm band of pyroxite sphalerite hematite, pyroxene.								118	119	1	x	x	25	5	70	x	1.10	x	1.5	86	
120.49	124	[log symbol]											119	120	1	x	x	185	5	90	x	1.65	x	0.5	62	
		[log symbol]											120	121	1	x	x	360	10	125	0.5	1.60	24	1.0	14	
		[log symbol]											121	122	1	9	x	75	5	30	x	2.15	2	3.5	73	
		[log symbol]											122	123	1	x	x	40	x	165	x	1.65	x	2.5	38	
124	141.55	[log symbol]											1057090	122	123	1	x	x	40	x	165	x	1.65	x	2.5	38
		[log symbol]			Finely laminated black shales. Thin laminae of pyroxite. Thin bands of pyroxite. Pyroxite overall approximately 3-5% Isoclinal folds on a small scale. (~5cm wavelength)		✓			✓			123	124	1	37	7	120	5	1800	x	1.85	18	1.0	54	
		[log symbol]											124	125	1	x	x	140	10	425	0.5	1.90	x	2.0	27	
		[log symbol]											125	126	1	9	x	150	25	1600	1.0	1.65	2	2.0	190	
		[log symbol]											126	127	1	x	x	120	10	1050	x	2.05	x	5.5	68	
		[log symbol]											127	128	1	4	x	90	10	2250	0.5	2.00	x	6.0	21	
		[log symbol]											128	129	1	x	x	125	5	355	x	2.20	x	7.5	18	
		[log symbol]											129	130	1	x	x	70	10	305	x	2.15	x	9.5	14	
		[log symbol]											130	131	1	x	x	80	25	95	0.5	2.10	x	9.5	14	
		[log symbol]											131	132	1	x	x	85	20	100	x	1.90	x	2.0	7	
		[log symbol]											1057100	132	133	1	x	x	80	20	135	0.5	1.85	x	1.5	12
		[log symbol]											133	134	1	6	5	125	55	445	x	1.65	x	2.0	22	
		[log symbol]											134	135	1	x	3	125	35	120	x	1.85	x	2.0	16	
		[log symbol]											135	136	1	x	5	190	25	175	x	1.70	x	3.0	11	
		[log symbol]											136	137	1	x	x	140	5	110	x	1.35	2	7.5	9	
		[log symbol]											137	138	1	x	x	85	10	95	x	1.85	2	3.5	10	
		[log symbol]											138	139	1	x	4	90	5	80	1.0	1.80	x	1.5	16	
		[log symbol]											139	140	1	x	7	105	5	75	x	1.50	2	4.0	17	
		[log symbol]											140	141	1	x	x	170	10	85	x	1.55	2	1.5	16	
141.55	145.9	[log symbol]			Finely Banded Carbonate. Fine bands of dolomite? with thin laminae of serpentine and pyroxene. Pyroxite and sphalerite conspicuous as veinlets. Staining suggests carbonate is limestone.		✓	✓	✓				141	142	1	x	x	95	10	60	x	2.10	x	1.5	22	
		[log symbol]											1057110	142	143	1	197	x	40	5	45	x	1.85	2	x	64
		[log symbol]											143	144	1	34	x	40	x	200	x	1.60	x	x	36	
		[log symbol]											144	145	1	78	4	85	x	275	x	2.55	x	x	22	
145.9	157	[log symbol]			Finely laminated black shale. Pyroxite, pyrite along fine laminae and veinlets.		✓			✓			145	146	1	6	x	120	50	410	x	1.75	x	2.5	10	
		[log symbol]											146	147	1	x	7	135	10	570	0.5	1.70	x	2.0	10	
		[log symbol]											147	148	1	10	7	130	15	830	x	1.85	x	3.5	17	
		[log symbol]											148	149	1	18	6	130	30	770	x	2.10	x	2.0	10	
		[log symbol]											149	150	1	6	6	105	20	170	x	2.10	x	7.0	10	
		[log symbol]											150	151	1	x	x	140	20	175	x	1.60	x	4.0	16	
		[log symbol]											151	152	1	x	5	135	x	75	x	1.70	2	3.0	7	
		[log symbol]											1057120	152	153	1	x	x	85	x	65	x	2.10	x	4.0	6
		[log symbol]											153	154	1	x	x	90	x	40	x	1.50	x	8.5	15	
		[log symbol]											154	155	1	x	9	95	x	45	x	1.80	x	14.0	10	

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GEOPEKO TASMANIA DRILL LOG

Prospect GRANVILLE EAST Hole no. DDH 143

DEPTH (m)		GRAPE LOG	ANGLE TO CORE AXIS		GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION				Fracturing	Sample No.	From (m)	To (m)	Rec (m)	ASSAYS (Lab)									
from	to		Se	St			py	epidote	po	asp						Sn	W	Cu	Pb	Zn	Ag	Fe	Bi	Pt	As
					CHLORITIC Black Hornblende SHALE - lighter originally							7163	195	196	1	x	9	100	60	385	0.5	745	x	2.0	22
					silver bands define bedding							7164	196	197	1	x	8	100	70	260	0.5	1.55	x	4.5	16
					197-5 15cm block of pyrite, pyrrhotite & sphalerite							7165	197	198	1	x	x	95	80	575	x	1.55	x	8.0	12
					with minor carbonaceous minerals							7166	198	199	1	x	x	95	120	950	0.5	1.60	x	8.5	25
					Very pyrrhotite rich - 10-15% Syngenetic?							7167	199	200	1	x	x	90	90	675	x	1.50	x	8.0	21
					pyrrhotite.							7168	200	201	1	x	x	85	105	745	0.5	1.55	x	6.5	18
												7169	201	202	1	x	x	95	100	310	x	1.60	x	5.5	25
												7170	202	203	1	x	5	85	80	275	x	1.55	x	8.0	11
												7171	203	204	1	x	x	90	100	525	x	1.55	x	6.5	12
												7172	204	205	1	x	x	85	75	405	x	1.60	x	3.5	10
												7173	205	206	1	x	x	95	65	450	0.5	1.50	x	6.0	19
												7174	206	207	1	x	5	85	100	305	x	1.50	x	1.5	12
												7175	207	208	1	x	x	90	80	405	2.0	1.50	x	4.5	22
												7176	208	209	1	x	x	95	105	355	0.5	2.00	x	6.0	23
												7177	209	210	1	x	x	90	105	210	0.5	1.60	x	5.5	22
												7178	210	211	1	x	x	90	65	530	x	1.65	x	8.0	19
												7179	211	214	2	x	x	135	65	205	x	1.90	x	5.0	19
												7180	214	215	1	x	x	150	55	250	0.5	2.00	x	0.5	20
												7181	215	216	1	x	x	185	35	560	x	1.75	2	2.0	17
												7182	216	217	1	x	x	195	25	445	x	1.50	x	2.5	17
												7183	217	218	1	x	6	240	50	565	x	1.20	2	3.0	33
												7184	218	219	1	x	10	195	30	515	x	1.70	x	7.0	23
					E.O.H. 220m							7185	219	220	1	x	x	165	10	320	x	1.90	2	2.5	49

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