

DDH 4      GRANVILLE EAST PROSPECT - E.L. 1/77

Proposed:            P. Heithersay  
Approved:            R.R. Large, T.W. Dickson  
Planned Depth:      200 m.

Collar Co-ordinates:    9700N, 9810E

Collar Inclination:     50°

Collar Azimuth:        231°M

Final Depth:            233 m.

Bore Hole Survey:

Metres	Inclination	Azimuth
133	50°	231°M
183	46°	226°M
233	43°	223°M





# GLIPEKO TASMANIA DRILL LOG

Prospect <sup>154</sup> GRANVILLE EAST Hole no. DDH4

DEPTH (m)		GRAPHIC LOG	ANGLE TO CORE AXIS		GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION				Fracturing	Sample No.	From (m)	To (m)	Rec (m)	ASSAYS (Lab: Amass)									
from	to		So	Si			PY	pyrite	mag							SA	W	CU	PB	ZN	AS	FE %	B <sub>1</sub>	Mo	As
					71.7 Vein crosscutting. Quartz, pyrite, pyrrhotite, serpentine, chloropyrite		3%	3%				1057378	78	79	1	X	X	40	10	40	0.5	2.25	X	0.5	2.3
												7379	79	80	1	4	X	60	10	45	0.5	2.45	X	2.0	5.1
												7380	80	81	1	10	X	45	X	50	X	2.60	X	1.5	3.9
					Small scale folding common. Wavelength of 10-10 cm							7381	81	82	1	7	X	50	60	100	X	3.45	X	4.0	5.2
												7382	82	83	1	6	X	40	5	40	0.5	3.15	X	1.0	4.4
												7383	83	84	1	X	X	40	X	45	X	3.20	X	0.5	2.2
												7384	84	85	1	X	X	35	5	35	X	2.05	X	1.5	4.1
												7385	85	86	1	X	X	60	15	65	X	2.70	X	3.0	12.0
												7386	86	87	1	X	X	55	10	45	X	2.00	X	3.5	10.0
												7387	87	88	1	15	X	40	175	205	X	2.10	X	2.5	8.0
					88.8 Irregular quartz vein. Pyrite, pyrrhotite, sphalerite (6 mm band of 40% sphalerite), serpentine.							7388	88	89	1	25	X	70	1350	200	1.0	3.30	X	4.0	12.0
												7389	89	90	1	20	X	40	90	260	X	2.60	X	5.5	11.0
												7390	90	91	1	8	X	40	15	60	X	1.95	2	9.5	8.2
												7391	91	92	1	9	X	65	30	340	X	2.60	X	6.5	8.2
												7392	92	93	1	X	X	65	10	100	X	2.50	X	4.0	7.1
												7393	93	94	1	6	X	50	15	75	X	2.30	2	7.0	7.1
												7394	94	95	1	X	X	40	20	85	X	2.20	X	6.5	7.8
												7395	95	96	1	7	X	35	35	115	X	2.30	2	4.0	2.2
												7396	96	97	1	10	X	40	65	175	X	2.20	X	4.0	1.9
												7397	97	98	1	15	X	60	35	135	X	2.05	4	2.0	7.4
												7398	98	99	1	3	X	60	30	140	X	2.75	2	1.0	2.9
				80°								7399	99	100	1	7	X	90	80	990	X	1.90	2	4.0	2.0
99.2	112.5				Grey CARBONACEOUS SILICEOUS SILTSTONE. Chertlike clots common in more carbonaceous bands.		5%					7400	100	101	1	7	X	65	55	400	X	1.50	X	3.5	2.0
												7401	101	102	1	4	X	85	90	355	X	1.90	X	2.5	1.9
												7402	102	103	1	10	X	75	60	190	X	2.00	X	2.5	2.4
												7403	103	104	1	10	X	55	30	190	X	2.50	X	2.5	7.8
												7404	104	105	1	30	X	75	340	215	X	2.25	2	2.0	4.9
												7405	105	106	1	25	X	65	300	710	2.0	3.30	2	0.5	3.8
												7406	106	107	1	7	X	45	40	245	X	3.20	2	2.0	2.5
												7407	107	108	1	3	X	55	20	160	X	1.20	X	3.0	2.4
												7408	108	109	1	7	X	75	15	1300	X	2.40	2	1.5	2.1
												7409	109	110	1	6	X	80	25	1900	X	2.15	X	2.0	2.0
												7410	110	111	1	6	X	85	30	1750	X	2.30	X	2.0	3.0
												7411	111	112	1	X	X	65	50	285	X	2.50	2	4.0	7.5
												7412	112	113	1	6	X	65	40	180	X	2.3	X	5.0	2.2
112.5	124.3				SANDY SILTSTONE. Graded bedding. Reddish alteration in places. Disseminated pyrrhotite throughout.		5%					7413	113	114	1	7	X	60	30	170	X	2.4	2	6.5	3.5
												7414	114	115	1	5	X	30	65	265	X	2.35	2	6.0	3.4
												7415	115	116	1	7	X	20	70	195	X	2.00	4	5.0	3.6
												7416	116	117	1	20	X	30	105	190	X	1.15	2	5.0	6.8

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ГРУПЕКО TASMANIA DRILL JG

Prospect GRANTVILLE EAST Hole 10. IDDA4

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 <sub>0</sub>	S <sub>1</sub>			PY	Pyrrhotite	mag	spinelite						Su	W	Ca	Fe	Zn	Ag	EE	Ba	Ni	As
												1057456	156	157	1	X	X	50	X	115	X	225	X	1.0	33
												7457	157	158	1	X	X	60	S	130	X	245	2	6.5	11
155.0	152.0				FINELY LAMINATED SLIPE: Black and carbonaceous. Grading evident in parts with sandy component.							7458	158	159	1	X	X	50	X	115	X	240	X	6.5	22
					Pyrrhotite rich. Pyrrhotite forms as "syngenetic" laminae and crosscutting veins and veinlets.		10-20%		Massive sand.			7459	159	160	1	3	X	55	15	180	X	445	X	9.5	21
					At 160.05 a 12cm band of massive sphalerite, tremolite, pyrrhotite and arsenopyrite. IS 11487							7460	160	161	1	X	15	145	65	1.61	0.5	9800	X	4.5	40
					Bedding laminae very distorted in part. Small scale isoclinal folds clearly develop a cleavage schistosity fabric, while other folds are entirely random indicating slumping (syndimentary). Some pyrrhotite (ex 1935) probably apparent slumping suggesting it is syngenetic.							7461	161	162	1	X	X	90	60	590	X	220	2	9.5	39
												7462	162	163	1	X	X	70	35	180	X	265	X	1.5	22
												7463	163	164	1	5	X	60	35	260	0.5	270	2	9.0	21
												7464	164	165	1	X	X	60	10	200	X	215	X	5.0	24
												7465	165	166	1	4	X	80	20	160	0.5	320	X	6.0	39
												7466	166	167	1	X	X	70	30	140	X	260	X	4.0	149
												7467	167	168	1	3	X	105	15	145	X	255	4	5.5	57
												7468	168	169	1	3	X	60	20	155	0.5	395	X	3.0	145
												7469	169	170	1	X	X	70	S	125	X	350	X	4.5	22
												7470	170	171	1	X	X	50	10	60	X	360	X	9.5	33
												7471	171	172	1	X	X	60	10	90	X	325	X	6.0	35
												7472	172	173	1	8	X	60	10	135	X	405	X	13.5	47
												7473	173	174	1	4	X	50	15	55	X	235	X	10.5	75
					Silicified sandy siltstone. Disseminated pyrrhotite throughout. Pyrrhotite content c 30%		30%					7474	174	175	1	4	X	105	15	60	X	240	30	7.0	67
												7475	175	176	1	4	X	125	X	60	X	435	2	6.0	44
												7476	176	177	1	3	X	55	X	60	X	310	X	8.0	104
												7477	177	178	1	6	X	85	10	95	X	460	X	8.0	97
												7478	178	179	1	7	X	65	20	120	X	395	X	5.5	69
												7479	179	180	1	5	X	70	10	135	X	430	X	6.5	800
												7480	180	181	1	X	X	65	5	120	0.5	375	X	7.0	30
												7481	181	182	1	6	X	60	5	100	X	385	X	7.0	22
												7482	182	183	1	X	X	50	15	190	X	305	X	7.5	14
												7483	183	184	1	X	X	45	15	105	X	310	X	13.0	63
												7484	184	185	1	5	X	50	15	85	X	265	X	12.5	84
												7485	185	186	1	X	X	45	20	70	X	260	4	6.0	25
												7486	186	187	1	X	X	55	5	75	X	315	X	9.0	39
												7487	187	188	1	X	X	50	15	65	X	300	X	5.5	139
189.00	213.00				Very gradational change. Banded carbonaceous siltstone. Numerous small scale folds. Generally lighter coloured with a sandier component. Pyrrhotite disseminated and in veins and fractures.		6%					7488	188	189	1	4	X	60	15	80	X	250	2	6.0	290
												7489	189	190	1	X	X	50	5	45	X	205	X	6.5	108
												7490	190	191	1	5	X	110	15	65	X	230	X	4.5	79
												7491	191	192	1	X	X	60	5	60	0.5	235	5	5.0	82
												7492	192	193	1	7	X	70	15	85	0.5	290	6	2.5	30
												7493	193	194	1	X	X	80	10	65	0.5	285	X	4.5	40
												7494	194	195	1	8	X	60	25	80	10	245	2	2.5	107

213.00

