034

Logged By: J. Pemberton., May 1982.

409035

SHEET 1 OF 4

GEOPEKO TASMANIA DRILL LOG

Prospect Prover 1 Hole no. 1.

DEPTH (m) from	to	GRAPHIC LOG	ANGLE TO CORE AXIS So	St	GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION py	g	sp	ch	Fracturing	Sample No. KR	From (m)	To (m)	Rec (m)	ASSAYS (Lab: ANALAB - COOKE) Cu	Pb	Zn	Ag	Au	Ba	
0	1				0m - 0.1m Thin soil cover.						>20	11001	0	1	1	25	1100	590	3.0	36	450	39
1	2				0.1m - 32.9m Grey to green fine grained						>20	11002	1	2	1	25	600	380	2.0	40	430	39
2	3		54		diffaceous siltstone.						>20	11003	2	3	1	20	690	440	2.0	47	560	52
3	4										>20	11004	3	4	1	15	200	300	1.0	19	565	60
4	5		50		Orange clay parallel to So and along						17	11005	4	5	1	15	160	350	1.0	11	475	69
5	6				fractures - probable weathered sulphide		tr	tr			10	11006	5	6	1	25	270	1300	2.0	46	460	83
6	7										>20	11007	6	7	1	15	560	460	2.0	39	480	46
7	8										>20	11008	7	8	1	15	390	465	2.0	35	500	
8	9		72								>20	11201	8	9	.8	15	480	465	1.0	56	490	
9	10				Dark grey beds ± 2cm chert & sil. siltstone.						>20	11202	9	10	1	15	515	430	1.0	47	420	
10	11				10.2m ± 10cm brecciation						>20	11203	10	11	1	15	525	615	2.0	40	585	
11	12		43								>20	11204	11	12	1	10	430	535	2.0	35	520	
12	13										8	11205	12	13	1	15	530	470	1.0	41	480	47
13	14										10	11206	13	14	1	15	765	530	2.0	41	450	41
14	15		65								17	11207	14	15	1	15	915	430	2.5	36	435	32
15	16				15.1m Trace py+g on fracture		tr	tr			6	11208	15	16	1	15	1550	1250	2.5	50	520	45
16	17										>20	11209	16	17	1	10	850	690	2.0	46	530	39
17	18		70								13	11210	17	18	1	15	785	345	2.5	46	515	31
18	19				18.4m - 18.9m brecciated.						>20	11211	18	19	1	20	700	600	2.0	37	585	46
19	20										11	11212	19	20	.9	20	1200	355	2.0	23	425	23
20	21		76		20.5 - 28m py+g on fractures surfaces		tr	tr			16	11213	20	21	1	30	1350	535	2.5	16	640	28
21	22				weathered & orange clay.		tr	tr			11	11214	21	22	1	30	2100	1750	3.0	14	640	43
22	23				Orange clay // to So - no visible		tr	tr			13	11215	22	23	1	30	1750	1300	3.0	39	545	43
23	24				sulphides // to So.		tr	tr			14	11216	23	24	1	25	2150	2150	2.0	20	630	50
24	25						tr	tr			6	11217	24	25	1	20	1950	2250	3.5	25	480	54
25	26				25.6m T.S. KR 11051		tr	tr			9	11218	25	26	1	25	2100	2900	4.0	21	520	53
26	27						tr	tr			8	11219	26	27	1	30	1750	2700	4.0	16	660	64
27	28		68		py+g on Vein + // to So.		tr	tr			>20	11220	27	28	1	20	1350	1800	2.5	18	650	57
28	29				Visible sp at 28.6m as irregular vein		tr	tr	tr		9	11221	28	29	1	20	965	1250	2.5	20	765	56
29	30						tr	tr	tr		12	11222	29	30	1	20	1400	1900	3.5	36	695	58
30	31						tr	tr			5	11223	30	31	1	30	235	700	2.0	95	665	71
31	32		62				tr	tr			11	11224	31	32	1	45	1400	2100	2.5	44	710	60
32	33				32.9m - welded medium to coarse grained		tr	tr			>20	11225	32	33	1	40	1650	1300	2.5	26	600	44
33	34				lithic crystal tuff with fine grained		tr	tr	tr		8	11226	33	34	1	55	2400	1600	2.0	19	765	40
34	35		61		clast beds up to 2cm thick @ 35.5m.		tr	tr	tr		>20	11227	34	35	1	40	2150	2550	2.0	4	1200	45
35	36				36.4m - vein + disseminated sp+py in		tr	tr	tr		15	11228	35	36	1	20	420	590	1.0	3	925	
36	37				vein. Trace of hematite in tuff.		tr	tr	tr		15	11229	36	37	1	15	50	400	1.0	2	770	
37	38				37.5. Clast predominate over tuff.			tr	tr		19	11230	37	38	1	15	20	550	X	1	725	
38	39							tr	tr		20	11231	38	39	1	15	40	710	1.0	3	665	95

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GEOPEKO TASMANIA DRILL LOG

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Prospect PROVER 1 Hole no. 1

DEPTH (m) from	to	Graphic Log	ANGLE TO CORE AXIS Sa	Si	GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION py	g	sp	cl	Fracturing	Sample No. KR	From (m)	To (m)	Rec (m)	ASSAYS (Lab: AMDEL - COOTE Cu	Pb	Zn	Ag	Au	Sn
39	40		69		Recrystallized qz in fracture infilling.		t	t	t		>20	111232	39	40	1	20	50	625	1.0	J	5785
40	41						t	t			>20	111233	40	41	1	15	35	550	0.5	3	525
41	42				42.1m quartz pebble ; recrystal veinlet		t	t			>20	111234	41	42	1	15	50	560	X	2	585
42	43		61		tuff Blk 1/cm			t			13	111235	42	43	1	20	90	580	X	3	495
43	44										19	111236	43	44	1	20	60	625	X	J	585
44	45				Manganese staining along fractures			t	t		14	111237	44	45	1	25	30	925	X	J	510
45	46		72								>20	111238	45	46	1	20	35	720	X	4	430
46	47				Chert pervit with ext fragments (?)						13	111239	46	47	1	15	25	660	0.5	J	495
47	48										>20	111240	47	48	1	15	50	535	0.6	6	405
48	49										>20	111241	48	49	.6	20	55	610	0.5	2	630
49	50										>20	111242	49	50	.7	25	70	670	X	2	820
50	51										>20	111243	50	51	1	20	25	610	X	X	1750
51	57		60		Orange clay pervit along fractures						>20	111244	51	52	1	30	10	690	0.5	2	2200
52	53										>20	111245	52	53	1	50	10	740	0.5	2	3950
53	54										>20	111246	53	54	1	130	15	1400	2.0	15	3200
54	55										>20	111247	54	55	1	10	10	1300	1.0	6	1900
55	56										>20	111248	55	56	1	5	10	1250	0.5	2	1250
56	57				Chert vil veblet tuff + recrystal						>20	111249	56	57	1	10	15	715	X	24	1350
57	58		71		crystal tuffs - calm to green with			t	t		>20	111250	57	58	1	10	15	1450	1.0	11	1350
58	59				occasional dark green lith - Alunite						>20	111551	58	59	1	30	25	820	X	2	1700
59	60										>20	111501	59	60	1	115	60	425	0.5	3	1400
60	61				60.9 well bedded chert overlays +						>20	111502	60	61	1	20	25	600	1.0	X	1650
61	62				infills the designated tuff unit suggesting						>20	111503	61	62	1	20	35	850	0.5	4	2250
62	63				facing up the bdl TS KR11052						>20	111504	62	63	1	10	60	525	X	2	1650
63	64		63					t	t		>20	111505	63	64	1	15	10	585	0.5	1	950
64	65				From 63m & 70m chevron ; chert bdg						>20	111506	64	65	1	15	15	630	X	2	1050
65	66										>20	111507	65	66	1	30	40	2300	1.0	15	330
66	67				Highly fractured zone from 66m & 83m						>20	111508	66	67	1	15	30	1450	X	20	500
67	68										>20	111509	67	69	.6	15	85	1250	1.0	4	745
68	69										>20				.5						
69	70				Green alt with grading up the bdg						>20	111510	69	70	1	10	105	1350	0.5	2	600
70	71				Grading defined by black mineral						>20	111511	70	71	.8	10	70	610	0.5	3	1150
71	72				- ex magnetic fine grained bands.						>20	111512	71	72	.7	15	70	445	0.5	X	970
72	73				71m KR11053 T.S.						>20	111513	72	73	.8	20	60	775	1.0	6	690
73	74										>20	111514	73	74	.6	30	20	1300	0.5	27	880
74	75				Chert bdg suggested						>20	111515	74	75	.9	15	25	670	0.5	2	1000
75	76										>20	111516	75	76	1	10	40	660	X	J	510
76	77										>20	111517	76	77	1	15	150	690	1.0	J	450
77	78										>20	111518	77	78	1	15	60	360	0.6	2	540

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GEOPEKO TASMANIA DRILL LOG

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Prospect Prosser / Hole no. 1

DEPTH (m) from	DEPTH (m) to	GRAPHIC LOG	ANGLE TO CORE AXIS So	ANGLE TO CORE AXIS Si	GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION py	MINERALISATION g	MINERALISATION sp	MINERALISATION ch	Fracturing	Sample No. RR	From (m)	To (m)	Rec (m)	ASSAYS (Lab: Ansaldo-Coast) Cu	Pb	Zn	Ag	As	Ba	
78	79				From 78m - 82.5m dark grey & grey chert beds predominate with light						>20	11519	78	79	.7	15	40	350	X	2	360	
79	80		56		forming ± 15% of the section.						>20	11520	79	80	.8	30	85	635	1.0	16	305	
80	81										>20	11521	80	81	1	25	190	835	1.0	20	365	
81	82										>20	11522	81	82	1	15	50	580	0.5	12	525	
82	83										>20	11523	82	83	1	20	85	625	X	4	590	
83	84		81								>20	11524	83	84	.7	10	40	470	X	1	415	
84	85										>20	11525	84	85	1	10	40	715	X	7	325	
85	86										>20	11526	85	86	1	10	90	1500	X	11	415	
86	87				Sp present as vein material				Sp		16	11527	86	87	1	10	120	2400	X	11	335	95
87	88		84								18	11528	87	88	1	5	40	510	X	2	315	
88	89				87.5m - medium grained siliceous						>20	11529	88	89	1	10	65	1700	X	7	225	
89	90				quartz biotite porphyritic lava with						>20	11530	89	90	1	5	50	1500	X	12	185	
90	91				subhedral to subrounded plagioclase						>20	11531	90	91	1	5	35	720	X	4	155	
91	92				phenocrysts.						>20	11532	91	92	1	5	35	485	X	1	185	
92	93										>20	11533	92	93	1	10	35	400	0.5	5	285	
93	94				Ground + broken + cut by thin						>20	11534	93	94	1	5	30	900	X	9	180	
94	95				quartz veins.						>20	11535	94	95	1	5	55	760	X	8	225	
95	96										>20	11536	95	96	1	5	60	1375	X	7	185	
96	97				Cleavage appears to be ± 35° to core axis						13	11537	96	97	1	10	50	610	0.5	7	125	
97	98										15	11538	97	98	1	10	25	650	X	5	170	
98	99										>20	11539	98	99	1	5	40	835	X	4	145	
99	100										17	11540	99	100	1	10	40	270	X	6	195	
100	101				Some thin dyke of intermediate						18	11541	100	101	1	20	165	2400	X	15	230	
101	102				composition with brecciated contact						16	11542	101	102	1	15	135	1200	1.0	16	295	
102	103				Dyke cuts core at 50° to core axis.						>20	11543	102	103	1	20	85	690	0.5	5	355	
103	104				Pol: S T.S. RR 11054				Sp	Sp	>20	11544	103	104	1	10	55	710	X	4	335	
104	105								Sp	Sp	19	11545	104	105	1	5	40	405	X	2	280	
105	106								Sp	Sp	>20	11546	105	106	1	10	45	600	X	2	315	
106	107				106m to 108m Core is brecciated with				Sp	Sp	>20	11547	106	107	1	20	105	2350	X	1	220	
107	108				quartz + chlorite as vein infilling				Sp	Sp	>20	11548	107	108	1	60	675	8580	1.0	4	250	
108	109				Comprising 30% of core.					Sp	>20	11549	108	109	1	40	910	4900	X	29	505	34
109	110									Sp	>20	11550 / 11550R	109	110	1	65 / 10	900 / 105	1.99% / 2580	2.0 / X	1.9 / 4	320 / 115	96 / 96
110	111									Sp	>20	11552	110	111	1	10	60	275	X	2	370	
111	112				Chloritic alteration/vein cut by late					Sp	20	11553	111	112	1	5	80	250	X	4	305	
112	113				quartz vein.						>20	11554	112	113	1	5	160	720	0.5	5	295	
113	114										18	11555	113	114	1	5	60	200	0.5	2	255	
114	115										>20	11556	114	115	1	10	35	220	X	1	200	
115	116				Cleavage appears to be ± 45° as defined						17	11557	115	116	1	5	35	190	0.5	2	240	
116	117				by alteration sheets (carnivit).						16	11558	116	117	1	10	40	215	X	1	225	

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SHEET 4 OF 4

GEOPEKO TASMANIA DRILL LOG

Prospect Prover 1 Hole no. 1

DEPTH (m) from	DEPTH (m) to	GRAPHIC LOG	ANGLE TO CORE AXIS So	ANGLE TO CORE AXIS Si	GEOLOGICAL DESCRIPTION	Alteration	MINERALISATION py	MINERALISATION g	MINERALISATION sp	MINERALISATION cl	Fracturing	Sample No. KR	From (m)	To (m)	Rec (m)	ASSAYS (Lab: Ammdel - Cooper) Cu	Pb	Zn	Ag	As	Sb
117	118										>20	11559	117	118	1	10	50	175	X	1	265
118	119				Enclosed fabbyaar in a phenocryst		tr		tr	tr	>20	11560	118	119	1	30	270	1900	0.5	10	230
119	120				over 2m.		tr		tr	tr	>20	11561	119	120	1	125	95	3900	0.5	22	815
120	121				Mineralisation associated with						>20	11562	120	121	1	10	30	215	X	2	220
121	122				chlorite/talc (?) alteration.		tr		tr		>20	11563	121	122	1	10	60	290	X	2	105
122	123						tr				>20	11564	122	123	1	25	185	4000	0.5	11	115
123	124										>20	11565	123	124	1	15	100	1300	1.5	16	125
124	125				Alteration patches among py.						>20	11566	124	125	1	5	65	195	X	6	115
125	126								tr		11	11567	125	126	1	10	80	225	X	7	185
126	127										>20	11569	126	127	1	10	45	800	X	5	135
127	128										>20	11570	127	128	1	5	55	435	X	3	150
128	129										>20	11571	128	129	1	10	40	590	X	4	150
129	130						tr				18	11572	129	130	1	10	60	200	X	9	155
130	131						tr				>20	11573	130	131	1	10	110	210	X	4	125
131	132										>20	11574	131	132	1	5	55	315	X	4	175
132	133										>20	11575	132	133	1	10	80	225	X	5	200
133	136				quartz veins with barren fabbyaar		tr				>20	11576	133	136	1	5	55	140	X	6	205
136	135										>20	11577	134	135	1	5	35	95	X	X	195
135	136										16	11578	135	136	1	5	80	115	X	X	205
136	137										14	11579	136	137	1	5	70	290	X	1	170
137	138						tr				17	11580	137	138	1	5	70	320	X	1	195
138	139										12	11581	138	139	1	10	45	600	0.5	4	165
139	140				From 140m ground over beginning						16	11582	139	140	1	5	20	95	X	X	165
140	141				part is colour with a green alter-						6	11583	140	141	1	5	16	70	0.5	2	170
141	142				ation or banding.		tr				16	11584	141	142	1	5	10	80	X	2	170
142	143				141m T.S. 11055						13	11585	142	143	1	10	10	85	0.5	X	160
143	144										12	11586	143	144	1	10	10	90	X	1	165
144	145										9	11587	144	145	1	5	25	85	X	3	210
145	146				Angular blocks of lava & lava						17	11588	145	146	1	5	15	100	X	3	165
146	147				- phenocryst cross contact which						7	11589	146	147	1	5	10	75	X	1	220
147	148				appears alteration of groundmass						14	11590	147	148	1	5	5	90	X	2	125
148	149				& fracture control.						19	11591	148	149	1	5	25	106	X	2	200
149	150										>20	11592	149	150	1	10	40	130	0.5	2	265
150	151										11	11593	150	151	1	5	20	145	X	1	250
151	152										>20	11594	151	152	1	5	35	150	X	2	225
152	153				some of alteration + banding too		tr				10	11595	152	153	1	5	60	135	X	7	265
153	154										11	11596	153	154	1	5	15	110	X	2	275
154	155										18	11597	154	155	1	10	20	155	X	X	260
155	156										16	11598	155	156	1	5	20	195	0.5	X	240
	EOH																				