

HOLE NO. : GP-90-7
SECTION : 2520.00 EAST


PLUTONIC OPERATIONS LIMITED
GOWRIE PARK

Northing : 4937.50
Easting : 2520.00
Grid : FIRE TOWER
Direction : Grid South
Inclination : -51.0
Elevation : 9982.00
Azimuth : 180.0
Mag Azimuth :
Length (m) : 30.95
Precol. (m) : 0.80 m
BOCO : <0.80 m
TFR : 0.80 m
Water Table :

DIAMOND DRILL RECORD

Drill Type :
Core Size :
Contractor : N Poltock

Dip Tests Method:
Depth Az Dip
31.0 180.0 -51.0

Property : FIRE TOWER
State : Tasmania
GMR : GOG 4440
E.L. No. : GOWRIE PARK
Project No. : 706
Date Started :
Date Completed:
Logged by : G. MacDONALD
Relogged by :
Date Logged : May '92
Interpreted : G. MacDONALD
Initialled : 

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)
.00	.80	PRECOLLAR					
.80	19.75	PELITE					
		Fine grained, pale creamy green to grey green siltstone, silica sericite and carbonate altered throughout. The rock contains occasional black siltstone beds which are disturbed and micro-fractured and faulted. Generally the rock is massive. The rock contains numerous cross-cutting quartz carbonate haematite veins. The rock averages 2% pyrite throughout.	SG000X	.80	2.00	1.20	.18
			SG0000	2.00	3.00	1.00	3.25
			SG0001	3.00	4.00	1.00	2.01
			SG0002	4.00	5.00	1.00	3.32
			SG0003	5.00	6.00	1.00	3.60
			SG0004	6.00	7.00	1.00	2.17
			SG0005	7.00	8.00	1.00	2.65
		1.80 1.70 As above but strongly oxidised with 2% pyrite in irregular veins. Bedding at 50 degrees to the core axis.	SG0006	8.00	9.00	1.00	.47
			SG0007	9.00	10.00	1.00	.57
			SG0008	10.00	11.00	1.00	1.16
		1.70 3.95 As above but moderately oxidised with bedding at 25 degrees to the core axis and 0.5% pyrite.	SG0009	11.00	12.00	1.00	.57
			SG0010	12.00	13.00	1.00	.06
		3.95 8.70 As above but oxidised with 5% pyrite to 5.00, 1% below 5.00.	SG0011	13.00	14.00	1.00	.19
			SG0012	14.00	15.00	1.00	.04
		8.70 11.10 As above but weakly oxidised with 2% pyrite.	SG0013	15.00	16.00	1.00	.04
		11.10 12.40 As above but with oxidised veins down centre of the core. Rock contains minor black siltstone beds.	SG0014	16.00	17.00	1.00	.07
			SG0015	17.00	18.00	1.00	.26
			SG0016	18.00	19.00	1.00	.14
		12.40 16.45 As above with some black siltstone beds at 65 degrees to the core axis and only minor pyrite. Rock contains a quartz haematite vein from 15.90 to 16.45.	SG0017	19.00	20.00	1.00	.42
		16.45 19.75 As above but leached and oxidised, chloritic from 17.60 to 17.65. Black siltstone beds at 17.65 are at 45 degrees to the core axis. The rock contains 2% pyrite filling fractures. From 18.16 to 18.18 the rock is moderately sheared and chlorite and sericite altered probably a discrete silty bed. The rock contains minor veinlets from 17.45 to 18.25 becoming moderately chlorite veined from 18.25 to 19.75.					
19.75	30.95	VOLCANICLASTIC					
		Medium grained quartz rich volcaniclastic with some lithics. The rock is generally silica sericite and	SG0018	20.00	21.00	1.00	.08
			SG0019	21.00	22.00	1.00	.26

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)
		carbonate altered or chlorite altered as noted below. The rock contains generally only minor pyrite. Occasional siltstones may be large clasts or rafts. Lithics include beige green and black siltstones and occasional quartz feldspar phyric clasts.	SG0020	22.00	23.00	1.00	.40
			SG0021	23.00	24.00	1.00	.83
			SG0022	24.00	25.00	1.00	.31
			SG0023	25.00	26.00	1.00	.65
			SG0024	26.00	27.00	1.00	.81
19.75	20.10	Medium grained quartz volcanoclastic with some lithics as above but very chloritic with chlorite veins at 70 degrees to the core axis.	SG0025	27.00	28.00	1.00	.64
			SG0026	28.00	29.00	1.00	.09
			SG0027	29.00	30.00	1.00	.04
20.10	22.50	Quartz lithic volcanoclastic as above, silica sericite and carbonate altered with chlorite veins at 70 degrees to the core axis. The rock contains minor pyrite galena and chalcopryite from 21.10 to 21.50.	SG0028	30.00	30.95	.95	.08
22.50	22.56	Black siltstone at 45 degrees to the core axis with medium grained quartz clasts included. Cross-cutting chlorite veins are at 60 to 70 degrees to the core axis.					
22.56	25.15	Quartz lithic volcanoclastic as above, silica sericite and carbonate altered with cross-cutting quartz chlorite veins at 70 to 90 degrees to the core axis.					
25.15	25.28	Quartz rich volcanoclastic, strongly chlorite altered.					
25.28	25.60	Quartz lithic volcanoclastic, silica sericite and carbonate altered with chlorite veins as above.					
25.60	25.65	Black siltstone with 5% arsenopyrite, 1% pyrite and 1% chalcopryite associated with carbonate veining / alteration.					
25.65	26.50	Quartz lithic volcanoclastic with some fiamme at 27.50 and a black siltstone bed at 28.30 at 30 degrees to the core axis. Rock is silica sericite and carbonate altered.					
26.50	26.90	Quartz lithic volcanoclastic strongly chlorite altered.					
26.90	27.70	Silica sericite and carbonate altered quartz volcanoclastic with 0.5% arsenopyrite chalcopryite from 27.20 to 27.30.					
27.70	27.90	As above with three black siltstone beds at 45 degrees to the core axis.					
27.90	30.95	Quartz lithic volcanoclastic, silica sericite and carbonate altered. Rock contains minor pyrite in disseminations and blebs. Rock contains haematite veins from 27.95 to 28.40 and 29.65 to 29.90.					
30.95		E.O.H.					