

HOLE NO. : GP-90-9
SECTION : 2560.00 EAST

PLUTONIC OPERATIONS LIMITED
GOWRIE PARK


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Northing : 4965.50
Easting : 2560.00
Grid : FIRE TOWER
Direction : Grid South
Inclination : -49.0
Elevation : 9993.00
Azimuth : 180.0
Mag Azimuth :
Length (m) : 30.45
Precol. (m) : 0.30 m
BOCO : <0.30 m
TFR : 0.30 m
Water Table :

DIAMOND DRILL RECORD

Drill Type :
Core Size :
Contractor : N Poltock

Dip Tests Method:
Depth Az Dip
30.5 180.0 -49.0

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	.30	PRECOLLAR					
.30	2.70	PSAMMITE / PELITE INTERBEDDED SEDIMENTS. Finely bedded at 35 to 50 degrees to the core axis. Rock consists of interbedded sandy to silty grey green to pale brown rock with white feldspars mafic and quartz with occasional cross-cutting haematite quartz veins.	S1000Y S1000X S10000	.30 1.00 2.00	1.00 2.00 3.00	.70 1.00 1.00	<.01 <.01 <.01
2.70	3.40	PSAMMITE Pale pink massive feldspar rich sandstone.	S10001	3.00	4.00	1.00	<.01
3.40	6.40	PSAMMITE / PELITE INTERBEDDED SEDIMENTS. Approximately 50% pale pink massive sandstone as above and 50% grey green bedded, at 45 degrees to the core axis siltstones to 10 mm.	S10002 S10003 S10004	4.00 5.00 6.00	5.00 6.00 7.00	1.00 1.00 1.00	<.01 <.01 <.01
6.40	10.05	PELITE INTERBEDDED SILTSTONES. Pale grey siliceous siltstone with leached veins. Rock massive but with some visible bedding at 60 degrees to the core axis. Rock contains negligible sulphides.	S10005 S10006 S10007 S10008	7.00 8.00 9.00 10.00	8.00 9.00 10.00 11.00	1.00 1.00 1.00 1.00	<.01 <.01 .01 .19
10.05	10.70	PSAMMITE ARKOSIC SANDSTONE. Coarse grained and medium grained interbedded sandstone arkosic with elongate rock fragments to 2 mm of siltstone. Rock contains 1% pyrite in coarse grained clots throughout. Rock contains white feldspars and quartz.					
10.70	11.40	PELITE PALE GREY AND BLACK SILTSTONE. 10.70 11.00 Pale grey cherty siltstone in broken core. Rock contains 0.5% pyrite in disseminations. 11.00 11.40 Black siltstone with creamy interbeds. Bedding is strongly soft sediment deformed. Rock contains negligible sulphides.	S10009	11.00	12.00	1.00	.02

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)
11.40	15.20	VOLCANICLASTIC					
		QUARTZ LITHIC FIAMME VOLCANICLASTIC, SERICITISED.	S10010	12.00	13.00	1.00	<.01
		Beige green, sericite altered rock with medium grained quartz feldspars, occasional lithics (predominantly black siltstones) and fiamme foliated at 65 degrees to the core axis at 12.20. Rock is silica sericite and carbonate altered with minor pyrite in disseminations and associated with leached veins. Fiamme are up to 30 mm and at 65 degrees to the core axis. From 14.40 to 15.20 the rock is strongly oxidised with quartz carbonate haematite veins sub - parallel to and at 70 degrees to the core axis.	S10011	13.00	14.00	1.00	<.01
			S10012	14.00	15.00	1.00	<.01
			S10013	15.00	16.00	1.00	.18
15.20	16.00	PELITE					
		SILTSTONE, INTERBEDDED DARK GREY.					
		Interbedded dark grey siltstone with creamy green cherty siltstones interbeds. The rock contains some haematite veins at low angles to the core axis.					
16.00	16.70	VOLCANICLASTIC					
		VOLCANICLASTIC, SERICITISED.	S10014	16.00	17.00	1.00	<.01
		Silica sericite and carbonate altered medium grained quartz volcaniclastic. No sulphides.					
16.70	19.45	PSAMMITE / PELITE					
		INTERBEDDED SILTSTONE AND SANDSTONES.	S10015	17.00	18.00	1.00	<.01
		Interbedded siltstones and sandstones creamy and possibly hangingwall but the distinction in this hole is unclear as there are volcaniclastics up hole from these sediments, albeit relatively barren volcaniclastics.	S10016	18.00	19.00	1.00	<.01
			S10017	19.00	20.00	1.00	<.01
		16.70 17.15 Creamy grey to black laminated cherty siltstone. Bedding is at 30 degrees to the core axis. Rock is quartz rich.					
		17.15 18.00 Oxidised cream clayey medium grained quartz rich sandstone with feldspars and occasional darker fragments. Rock contains liezer gange rings. Lower contact is sharp and at 30 degrees to the core axis.					
		18.00 18.18 Black siltstone as for 16.70 to 17.15.					
		18.18 18.70 Sandstone as for 17.15 to 18.00.					
		18.70 18.85 Black siltstone as for 16.70 to 17.15.					
		18.85 18.92 Sandstone as for 17.15 to 18.00.					
		18.92 19.45 Black siltstone as for 16.70 to 17.15. 2 cm thick siltstone bed at base.					
19.45	28.50	PELITE					
		INTERBEDDED SILTSTONE.	S10018	20.00	21.00	1.00	<.01
		Rhythmically interbedded dark grey siltstone and cream to beige green beds. Bedding is micro fractured and micro faulted throughout with bedding from 0 to 45 degrees to the core axis. Leached veining is generally sub - parallel to or sub - perpendicular to bedding. Rock contains no sulphides. Some relatively broad folding is suggested by bedg orientation.	S10019	21.00	22.00	1.00	<.01
			S10020	22.00	23.00	1.00	<.01
			S10021	23.00	24.00	1.00	<.01
			S10022	24.00	25.00	1.00	<.01
			S10023	25.00	26.00	1.00	.01
			S10024	26.00	27.00	1.00	<.01
			S10025	27.00	28.00	1.00	<.01
			S10026	28.00	29.00	1.00	<.01
28.50	30.45	VOLCANICLASTIC					
		QUARTZ LITHIC FIAMME VOLCANICLASTIC.	S10027	29.00	30.00	1.00	<.01

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)
		Silica sericite and carbonate altered medium grained to coarse grained quartz lithic fiamme volcanoclastic. Lithics include beige green siltstones and quartz feldspar phyric volcanics. Rock contains pyrite and very minor chalcopyrite to 29.95. Below 29.95 the rock contains 5% pyrite and 0.5% arsenopyrite and trace chalcopyrite. Pyrite veins generally at low angles to the core axis with pyrite chalcopyrite veins at 60 to 70 degrees to the core axis. The rock is foliated below 29.95 at 30 degrees to the core axis and is quartz rich.	SI0028	30.00	30.45	.45	1.07
	30.45	E.O.H.					