

HOLE NO. : GP-90-15
SECTION : 2419.00 EAST

PLUTONIC OPERATIONS LIMITED
GOWRIE PARK


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Northing : 4967.50
Easting : 2419.00
Grid : FIRE TOWER
Direction : Grid South
Inclination : -55.0
Elevation : 9913.00
Azimuth : 180.0
Mag Azimuth :
Length (m) : 30.85
Precol. (m) : 3.50 m
BOCO : <3.50 m
TFR : 3.50 m
Water Table :

DIAMOND DRILL RECORD

Drill Type :
Core Size :
Contractor : N Poltock

Dip Tests Method:
Depth Az Dip
30.9 180.0 -55.0

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)	flu (ppm)
.00	3.50	PRECOLLAR					
3.50	4.80	VOLCANICLASTIC QUARTZ FELDSPAR LITHIC FIAMME VOLCANICLASTIC. Moderately oxidised medium grained to coarse grained quartz feldspar lithic fiamme volcanoclastic. Rock is massive, beige green silica sericite and carbonate altered. The rock contains minor pyrite in veins parallel to the core axis and some minor staining. Lower contact with interbedded siltstone is in broken core.	S00001 S00002	3.50 4.00	4.00 5.00	.50 1.00	<.01 <.01
4.80	6.00	PELITE SILTSTONES, BEDDED. Rhythmically interbedded at 40 degrees to the core axis grey to dark grey siltstones. Rock contains micro fractures and faults. Rock contains irregular pyrite veins meandering sub - parallel to the core axis. The rock contains a patch of volcanoclastic from 5.60 to 5.70. The lower contact is at 30 degrees to the core axis.	S00003	5.00	6.00	1.00	.01
6.00	12.10	VOLCANICLASTIC VOLCANICLASTIC, VARIABLY WITH QUARTZ, FELDSPAR AND LITHICS AND FIAMME. 6.00 6.30 Medium grained quartz feldspar, possibly minor fiamme, volcanoclastic with fine siltstone bands and very minor disseminated pyrite. 6.30 6.50 Medium grained quartz, coarse grained lithic, fiamme rich volcanoclastic foliated at 40 degrees to the core axis, silica sericite and carbonate altered. 6.50 7.60 Medium grained to coarse grained sub - angular quartz rich, cream, sericite carbonate altered. Upper contact is gradational. Rock contains some occasional black siltstone fragments and very occasional quartz carbonate veins at 70 to 80 degrees to the core axis. 7.60 7.70 Large clast of black siltstone on one side of core with volcanoclastic on other side. 7.70 8.55 Green, coarse grained fiamme rich, medium	S00004 S00005 S00006 S00007 S00008 S00009 S00010	6.00 7.00 8.00 9.00 10.00 11.00 12.00	7.00 8.00 9.00 10.00 11.00 12.00 13.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00	<.01 <.01 <.01 <.01 <.01 <.01 <.01

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)
		grained quartz and feldspar rich sericite carbonate altered volcanoclastic.					
8.55	9.40	Beige to pale brown, pale pink in patches. Rock contains quartz, feldspar, fiamme and occasional lithics.					
9.40	11.00	Grey green quartz rich volcanoclastic. Rock is bedded from 10.20 to 11.00 at 45 to 50 degrees to the core axis.					
11.00	11.45	Interbedded patches of dark green siltstone with bedding at 45 degrees to the core axis.					
11.45	12.10	Quartz feldspar lithic volcanoclastic silica sericite altered. Lithics include finely bedded siltstone. The rock becomes more fine grained downhole and more sericitic. The lower contact is sharp and conformable with the interbedded siltstones at 40 degrees to the core axis.					
12.10	16.15	PELITE SILTSTONES, BEDDED.					
			S00011	13.00	14.00	1.00	<.01
12.10	13.95	Interbedded dark grey green and grey green siltstones with beds up to 10mm thick at at 30 degrees to the core axis at 12.50 and 40 degrees to the core axis at 13.90.	S00012	14.00	15.00	1.00	<.01
			S00013	15.00	16.00	1.00	.01
			S00014	16.00	17.00	1.00	.01
13.95	16.15	Interbedded dark grey siltstone with minor pale grey siltstone. Much soft sediment deformation of bedding. Rock contains irregular carbonate filled fractures and 2% pyrite in disseminations.					
16.15	16.25	SHEAR ZONE Sheared contact at 25 degrees to the core axis consisting of angular siltstone fragments in a carbonate matrix.					
16.25	17.75	PELITE SILTSTONES, BEDDED. As logged for 13.95 to 16.15 but bedding more coherent. Bedding is at 65 degrees to the core axis below 17.10. Rock contains 2% pyrite in irregular veins and disseminations. Rock contains elongate chloritic clasts to 2 mm.					
			S00015	17.00	18.00	1.00	<.01
17.75	19.30	VOLCANICLASTIC / PSAMMITE VOLCANICLASTIC SANDSTONE. Beige fine grained rock becoming more coarse grained downhole below 19.00. Rock contains quartz feldspar and lithics including siltstones and fiamme. Rock contains bedding in patches at 60 degrees to the core axis. The rock is silica sericite altered throughout but with no veining or sulphides.					
			S00016	18.00	19.00	1.00	<.01
			S00017	19.00	20.00	1.00	<.01
19.30	19.95	PELITE SILTSTONES, BLACK AND SERICITIC. From 19.30 to 19.50 the rock is a black siltstone with numerous irregular fractures filled with pyrite and carbonate. From 19.50 to 19.95 the rock is grey green and contains no pyrite.					

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From (m)	To (m)	Description-----	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)
19.95	30.85	VOLCANICLASTIC					
		VOLCANICLASTIC, SERICITIC.	S00018	20.00	21.00	1.00	<.01
		Beige green, occasionally grey green, coarse grained	S00019	21.00	22.00	1.00	<.01
		quartz lithic and fiamme volcanoclastic. The rock contains	S00020	22.00	23.00	1.00	<.01
		a foliation at 65 degrees to the core axis throughout. The	S00021	23.00	24.00	1.00	<.01
		rock contains pink feldspars to 21.30. The rock is	S00022	24.00	25.00	1.00	.01
		chlorite altered from 20.65 to 23.40. The rock contains	S00023	25.00	26.00	1.00	<.01
		quartz carbonate veins at 70 to 80 degrees to the core	S00024	26.00	27.00	1.00	<.01
		axis but no sulphides.	S00025	27.00	28.00	1.00	<.01
		30.85 E.O.H.	S00026	28.00	29.00	1.00	<.01
			S00027	29.00	30.00	1.00	<.01
			S00028	30.00	30.85	.85	<.01