418100

GOLD FIELDS EXPLORATION PTY. LIMITED

DRILL CORE RECORD

HOLE NO.	HFZ 12
STATE	TASMANIA

LV. PRESS

PROJECT	TYNDALL F.L. 9/66
DESIGNED BY	J.G. PURVIS
LOGGED BY	J.G. PURVIS
COMMENCED	10-1-84
COMPLETED	5-2-84

PURPOSE

To test southern extent of gold mineralization intersected in HFZ10.

LOG SUMMARY / GENERAL COMMENTS

0 - 288m	Vitric felsic volcanic (ignimbrite or lava flow) intruded by basic dykes.
288 - 327m	Henty Fault Zone.
327 - 458m	MINERALIZED ZONE - silicified pyritic volcaniclastic sediments with minor basemetal sulphides.
458 - 470m	Intensely silicified barren volcaniclastic sediments.

SSAY SUMMARY

INTERVAL From	INTERVAL To	Cu	Pb	Zn	Ag	Au	Ba							COMMENTS
367.55	368.00	1.9%	2.4%	0.8%	51	0.39	200							Semi-massive sulphides in tuffaceous sediments.
451.50	457.80	3040	980	715	6	0.63	260							Silicified sulphidic volcaniclastic sediments.
ncl: 451.5	452.5	1.2%	0.43%	0.32%	23	0.98	250							Semi-massive sulphides in volcaniclastic grit.

OCATION

NORTHING	5363504.3
EASTING	379810.0
R.L.	587.2m
GRID	A.M.G.
LENGTH	469.5m

HOLE CONDITION

SIZE Hole Size	Depth
HQtricone	0-51m
(NQ run 39.5-47m, later reamed out)	
NQ	51-389.25m
BQ	389.25-469.5m

SIGNIFICANT CORE LOSS INTERVALS From	To	% Lost
39.5	55.5	17
170	177.3	16
261	264	27
292.4	297	43
331.2	339	26

POOR GROUND CONDITION ZONES From	To	Condition
0	56	Highly oxidised and broken
128.5	144.2	Broken.
259.6	268.9	Broken by joint set par. LCA.
288.45	323.5	HFZ:Schistose, leached,gen unbroken.
323.5	327.2	HFZ:Clayey,crushed and milled.
327.2	339.6	Extremely badly broken.

HOLE CONDITIONS AFTER COMPLETION

Hole collapsed at collar.

URVEY DATA (Note: Bearing type must be same as Project Grid Type)

SURVEY Depth	Bearing	Dip	INTERVAL From	To	Distance	VERTICAL D.Sin.Dip	R.L.	HORIZONTAL D.Cos.Dip	Prog.Total
Collar	102°	-75°	0	30	30	28.98	558.2	7.76	7.76
60m	103°	-75°30'	30	74.5	44.5	43.08	515.1	11.14	18.90
99m	104°	-75°	74.5	114	39.5	38.15	476.95	10.22	29.12
129m	102°	-74°	114	168	54	51.91	425.04	14.88	44.00
207m	107°	-72°	168	264.5	96.5	91.78	333.26	29.82	73.82
322m	117°	-71°30'	264.5	354.5	90	85.35	247.91	28.56	102.38
387m	114°30'	-70°30'	354.5	417.5	63	59.39	188.52	21.03	123.41
448m	113	-69°	417.5	469.5	52	48.55	139.97	18.64	142.05

SURVEY Depth	Bearing	Dip	INTERVAL From	To	Distance	VERTICAL D.Sin.Dip	R.L.	HORIZONTAL D.Cos.Dip	Prog.Total