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506039

GOLD FIELDS EXPLORATION PTY. LIMITED
DRILL CORE RECORD

HOLE NO.: ML 61
STATE : Tasmania

ULV. PRESS

PROJECT	Mt. Lindsay	PURPOSE To test for the possible existence of skarn mineralisation as indicated by magnetic anomalies on Parson's Hood.
DESIGNED BY	P.A. Roberts	
LOGGED BY	A.J. Cartwright	
COMMENCED	12-1-83	
COMPLETED	20-1-83	

LOG SUMMARY	Two non-stanniferous skarn zones were intersected within a sequence of variably altered, hornfelsed sediments. No significant enrichments in trace metals were recorded.
GENERAL COMMENTS	

ASSAY SUMMARY

INTERVAL		Sn	WO ₃	Cu	Pb	Zn	As	SoI.Sn	Bi	Ag	COMMENTS
From	To										
4.0	19.0	0.01	<0.01	<0.01	<0.01	0.01	<0.1	<0.01	0.004	2	All values are wt %, except Ag which is ppm.
25.0	32.0	<0.01	<0.01	<0.01	<0.01	0.01	<0.1	<0.01	0.003	2	
36.0	45.0	<0.01	<0.01	0.01	<0.01	<0.01	<0.1	<0.01	0.003	2	
61.0	79.0	<0.01	<0.01	<0.01	<0.01	0.01	<0.1	<0.01	0.005	2	
91.0	107.0	0.03	<0.01	<0.01	<0.01	0.01	<0.1	0.01	0.006	2	

LOCATION

NDRTHING	5383796
EASTING	361294
R.L.	903.2
GRID	A.M.G.
LENGTH	150.3

HOLE CONDITION

SIZE	
Hole Size	Depth
HQ	0-2.2
NQ	2.2-21.0
BQ	21.0-150.3

SIGNIFICANT CORE LOSS INTERVALS		
From	To	% Lost

POOR GROUND CONDITION ZONES		
From	To	Condition

HOLE CONDITIONS AFTER COMPLETION
Hole open. Black polythene left in the top 12m. of the hole.

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

SURVEY			INTERVAL			VERTICAL		HORIZONTAL		SURVEY			INTERVAL			VERTICAL		HORIZONTAL	
Depth	Bearing	Dip	From	To	Distance	D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total	Depth	Bearing	Dip	From	To	Distance	D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total
0.0	266	50.0	0.0	14.5	14.5	11.1	892.1	9.3	9.3										
29.0	*	49.0		44.5	30.0	22.6	869.5	19.7	29.0										
60.0	*	49.0		74.5	30.0	22.6	846.9	19.7	48.7										
90.0	*	48.5		104.5	30.0	22.5	824.4	19.9	68.6										
120.0	*	48.0		134.5	30.0	22.3	802.1	20.1	88.7										
150.0	*	48.0		150.0	15.5	11.6	790.5	10.4	99.1										
*irregular readings due to high magnetic susceptibility of rock.																			

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GOLD FIELDS EXPLORATION PTY. LIMITED
 DRILL CORE LOG AND ASSAY DATA

PROJECT: Mt. Lindsay

HOLE NUMBER: ML 61

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INTERVAL		RECOVERY		DESCRIPTION	ASSAY DATA (all wt.-% except Ag-ppm)												
From	To	m	%		Sample No.	From	To	Rec. %	Sn	WO ₃	Cu	Pb	Zn	As	Ag	Bi	Sol. Sn
				DETAILED LOG													
				0-3.8 HORNFELSED SANDSTONE AND SILTSTONE.													
0	2.2			Not cored.													
2.2	3.3	1.1	100	Dark blue-brown fine grained sandstone with irregular pods of finer grained sediment. Minor, weak actinolitic alteration (green) and development of sulphide (po-py) veinlets along planes of weakness and as patchy disseminations.													
3.3	3.8	0.5	100	Siltstone with irregular laminae of sandstone. Hornfelsesed and altered to pink (garnet?) and green (actinolite) colours with quartz-pyrite-pyrrhotite veins.													
				3.8-17.7 SKARN. STRONGLY ALTERED CALCAREOUS SANDSTONE.													
3.8	4.6	0.8	100	Pale coloured carbonate-rich sediments replaced by pale green actinolite, calcite, quartz and sulphides. Minor layers of fine grained darker sediments and coarser grained sand rich sediments exist. Several phases of veining and fracturing can be seen; some veining appears to be syn-sedimentary and some deformation appears to be soft-sediment. Weakly altered cherts (white) also occur.													
4.6	7.2	2.6	100	Purple (garnet) alteration in very irregularly bedded siltstone and green (actinolitic) altered sandstone. Rare quartz veins and veins of gossanised/limonitised sulphides. Pyrite and pyrrhotite occur in veins and as disseminations.													
7.2	8.2	1.0	100	Sandstone rich beds with green actinolite alteration. Sulphides are abundant as clots and disseminated grains, few veins other than minor, actinolite-sulphide-carbonate veins are present.													
8.2	12.1	3.9	100	A 10 cm zone of purple-green altered sandstones and siltstones,		4.0	5.0	100	.01	< .01	< .01	< .01	.01	< .1	?	0.003	< .01

