

CENTRAL KALGOORLIE GOLD MINES

RAB Drillhole Log

(Sheet...1...of...1...)

Hole No. LGR 33

Project: Lefroy, Volunteer Hill Grid

Locality: WEST VOLUNTEER AREA

Depth: 24m

FROM (M)	TO (M)	WEIGHT (KG)	COLOUR	CHIP DESCRIPTION	INTERPRETED LOG	COMPOSITE SAMPLE No.	Au pt	RESPLIT SAMPLE No.	Au pt
0	1		Brown	Clayey soil contaminated by bulldozing. - discarded.		///////			
1	2	6	Pale brown	Clayey soil. Ox grt-mica Sst/Slt (80%). 10% grt. 10% unox Black Shale.	Soil	217169	<0.005		
2	3	5	Khaki	Base of ox. 80% Sst/Slt as above. 20% grey-black cren Sh.	Sst/Slt with minor				
3	4	8	"	Minor grt. 80% Sst/Slt + 20% Sh, as above.	Sh bands				
4	5	10	Grey	Ditto exactly.		217170	0.006		
5	6	5	"	5% grt ± chl. 80% grey grt-mica Slt ± trace py. 15% Sh. Rocks strongly cleaved.					
6	7	4	"	100% Slt as above.					
7	8	10	"	Strong chl alt zone: 25% grt ± chl-py. 25% Sh. 50% strong chl > ser alt Sst/Slt.	Very strongly chl-alt zone				
8	9	3	"	Few frags; all strongly chl alt: grt ± chl, chl Sh + Slt.		217171	<0.005		
9	10	3	"	Minor grt ± chl. 70% chl > ser alt Slt. 30% grey-black cren Sh.	Sst/Slt > Sh				
10	11	2	"	40% white grt. 40% strongly chl-ser-sil alt Slt/Sst. 20% Sh as above.	Med chl-ser-sil alt				
11	12	1.5	"	10% grt. 30% pyritic Black Shale. 30% strongly chl + cren Sh. 30% chl-ser Slt ± py.	+ some grt veins.				
12	13	13	"	100% Sst/Slt, mod chl-ser alt ± 1% py.		217172	0.011		
13	14	15	Black+grey	90% Black graphitic + pyritic Sh (3-5% py). 10% chl-alt Sh + Slt.	Black pyritic Sh.				
14	15	3	"	Tiny frags. Chl-alt grey Sh, chl-ser alt Sst/Slt, Black Shale. (All ± 1% py).					
15	16	10	"	70% grey strongly chl > ser + cren Sh ± py. 20% Slt/Sst as above. 10% Black Shale.	Strongly chl alt				
16	17	10	Grey	80% Sst/Slt as above. 20% grey Sh as above. Both ± 1-2% py.	and pyritic	217173	0.007		
17	18	15	Dk grey	90% Sst/Slt as above. 10% Black Shale.	Sst/Slt > Sh				
18	19	15	"	10% grt. 30% Black Shale (3-5% py). 30% chl Slt ± py. 30% chl Sh ± py.	Rocks softer than				
19	20	15	"	Minor grt. 50% chl Slt ± py. 50% grey + black chl Sh ± py. (Alteration strong).	above 13m.				
20	21	18	Grey-black	15% grt. 70% sil-chl alt Slt ± py. 15% Black Shale ± py.		217174	0.014		
21	22	18	Grey	95% Slt as above (1-2% py). 5% Black Shale ± py.					
22	23	18	"	5% grt. 70% Slt as above. 25% grey-black chl Sh ± py (2-3% py).					
23	24	20	Dk grey	Minor grt. 50:50 Slt:Sh as above.					

COMMENTS: Below 13m sequence is different to that in LGR32. Alteration (chl and pyritization) is strong below 13m, but almost no grt veining.

COLLAR CO-ORDS (AMG): N 5448319 E 499798 RL:

ANGLE: -60° AZIMUTH (AMG): 0° HOLE TYPE: 94mm TRICONE DATE: 13.2.97 GEOLOGIST: J.G. PURVIS

COMPOSITE: DESPATCH No. LGM97-7. ANALABS LAB REPORT No. GEN201.60.12807 RESPLIT: DESPATCH No. LAB REPORT No.

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