

CENTRAL KALGOORLIE GOLD MINES

RAB Drillhole Log

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

Hole No. LGR 44

Project: Lefroy, Volunteer Hill Grid

Locality: VOLUNTEER MAIN DUMP

Depth: 20m

FROM (M)	TO (M)	WEIGHT (kg)	COLOUR	CHIP DESCRIPTION	INTERPRETED LOG	COMPOSITE SAMPLE No.	Au gt	RESPLIT SAMPLE No.	Au gt
0	1								
1	2			Discarded: Mullock? 100% qtz.					
2	3	6	fawn	Mullock? 100% white qtz. Minor unox rock frags - mullock.	Mullock - qtz layer (battery reject?)	217226	0.005		
3	4	3	Grey	100% white qtz - some faced with sericitic material. Mullock					
4	5	4	Brown	Natural surface: some qtz with limonite stains. Mostly ox qtz - mica Sst/Slt	Highly qtz veined ox Sst/Slt > Sh	217227	0.368	215051	0.106
5	6	10	Yellow-brown	50% qtz as above! 40% ox Sst/Slt > Sh. 10% unox Sh (mullock?)				215052	0.120
6	7	10	Brown-black	Unusual colour. 50% qtz. 25% ox Slt. 25% unox grey-black Sh.				215053	0.774
7	8	8	Pale grey	95% coarse white qtz. 5% unox ser Slt. Base of ox.				215054	0.467
8	9	8	Grey	95% coarse white qtz. 5% grey-black Sh - some c chl alt.	Major qtz reef	217228	0.128	215055	0.245
9	10	8	Pale grey	Ditto. Sh is cren.	Minor alt cren Sh wall rocks			215056	0.083
10	11	8	" "	Ditto.				215057	0.068
11	12	10	Grey	80% white qtz. 15% Sh as above - some chl alt. 5% Sst/Slt - ser alt.				215058	0.016
12	13	13	Dk grey	75% white qtz. 25% strongly chl Sh >> Slt (some of Slt is dark green).		217229	0.005		
13	14	13	Grey	15% qtz. 80% greenish strong chl > ser alt Slt/Sst. 5% Black Shale.	Minor qtz veins ↑				
14	15	14	" "	10% qtz. 80% Sst/Slt as above (chl > ser - sil alt). 10% cren Sh.	Hard, strongly chl > ser - sil altered				
15	16	15	Pale grey	Ditto.					
16	17	14	" "	100% hard greenish Sst/Slt = strong chl > ser - sil alt. Trace py.	Sst/Slt	217230	0.027		
17	18	15	" "	80% Sst/Slt - v hard (strong chl - sil - ser alt). Minor py. 20% Sh as before.					
18	19	15	" "	5% qtz. 90% Sst/Slt as above. 5% Sh.					
19	20	8	" "	Heavily contain by material from higher in hole. 20% qtz. 75% alt Sst/Slt. 5% Sh					
20	21			ESH (Very hard + water inflows).					
21	22								
22	23								
23	24								

COMMENTS: Cross hole with LGR 24. Layer of qtz just under surface (Volunteer battery reject?). Much qtz veining to 13m (Volunteer Reef). Then altered section.

COLLAR CO-ORDS (AMG): N: 5448264 E: 499845 RL: _____

ANGLE: -60° AZIMUTH (AMG): 090° HOLE TYPE: 82mm HAMMER DATE: 16.2.97 GEOLOGIST: J.G. PURVIS

COMPOSITE: DESPATCH No.: LGM97-8. ANALABS LAB REPORT No.: CEN201.60.12810 RESPLIT: DESPATCH No.: _____ LAB REPORT No.: _____

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