

CENTRAL KALGOORLIE GOLD MINES

RAB Drillhole Log

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

Hole No. LGR 20

Project: Lefroy, Volunteer Hill Grid

Locality: SOUTH OF WEST VOLUNTEER SHAFT

Depth: 18.5m

FROM (M)	TO (M)	WEIGHT (kg)	COLOUR	CHIP DESCRIPTION	INTERPRETED LOG	COMPOSITE SAMPLE No.	Au pt	RESPLIT SAMPLE No.	Au pt
0	1	5	Yellow-brown	Soil ± fine chips of grt.	Soil	217104	<0.005		
1	2	8	Pale khaki	Mostly clay. Chips: 10% grt, 60% ox silt/sst, 30% ox sh.	↓				
2	3	10	"	Weakly ox. Qtz-mica silt, sericitic silt + grey-black sh.	Ox silt + sh				
3	4	10	Pale grey	Base of ox. 50% grt-mica silt. 50% grey-black ser sh. Both strongly cleaved. Strongly cleaved +					
4	5	8	Grey	5% grt. 80% sh as above ± minor py. 15% sericitic silt.	sericitized silt + sh	217105	<0.005		
5	6	9	"	Minor grt. 60% ser-chl altered silt. 40% sh as above.					
6	7	9	"	5% grt. Rest silt + sh as above.					
7	8	10	"	60% strong ser-chl alt silt ± 2% py. 40% sh as above, ± 2% py.					
8	9	10	"	Minor grt. 90% silt as above (minor py). 10% sh as above.		217106	<0.005		
9	10	10	"	70:30 silt:sh as above, both ± minor py. Sh is sl graphitic.					
10	11	10	"	50:50 silt:sh as above.					
11	12	10	"	10% grt ± chl. Rest silt:sh as above. Sh is crenulated, ± 1% py.					
12	13	10	Pale grey	10% grt, 60% silt as above. 30% sh as above.		217107	<0.005		
13	14	12	Grey+black	20% grt ± chl ± py. 50% Black graphitic sh ± 2% py. 30% ser silt as above (2% py)	grt-chl-py veins in contact.				
14	15	10	Black	25% grt ± chl ± py. 75% Black sh-graphitic, weakly silif, 3% py.					
15	16	10	"	Minor grt. Rest Black shale as above.	Black graphitic + pyritic				
16	17	15	"	100% Black shale - silif v weak.	Shale, increasingly silicified with depth + minor grt veining.	217108	<0.005		
17	18	16	"	Minor grt. Rest Black Shale as above - silif moderate.					
18	18.5	14	"	10% grt. 90% Black Shale as above, ± 3-5% py.					
19	20			EOH @ 18.5m - ground very hard (sudden change)					
20	21								
21	22								
22	23								
23	24								

COMMENTS: World liked to have continued - Black Shale unit is nicely silicified + pyritic at base.

COLLAR CO-ORDS (AMG): N: 5448140 E: 499752 RL:

ANGLE: -60° AZIMUTH (AMG): 0° HOLE TYPE: 110mm TRICONE DATE: 4.2.97 GEOLOGIST: J.G. PURVIS

COMPOSITE: DESPATCH No: LGM97-4. ANALABS LAB REPORT No: CEN201.60.12759 RESPLIT: DESPATCH No: LAB REPORT No:

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