

CENTRAL KALGOORLIE GOLD MINES

RAB Drillhole Log

(Sheet....1....of 2.)

Hole No. LGR 46

Project: Lefroy, Volunteer Hill Grid

Locality: SOUTH-WEST OF WEST VOLUNTEER

Depth: 26.5m

FROM (M)	TO (M)	WEIGHT (kg)	COLOUR	CHIP DESCRIPTION	INTERPRETED LOG	COMPOSITE SAMPLE No.	Au g/t	RESPLIT SAMPLE No.	Au g/t
0	1								
1	2			Discarded: contamination from LGR45.					
2	3	6	Yellow-brown	Mostly clay. Few tiny frags of qtz + ox rock.		217237	<0.005		
3	4	9	" "	15% qtz. 80% strongly ox grey sh. 5% ox silt. Mostly clay.	Highly oxidized				
4	5	9	Khaki+Yellow	Ditto.	- mostly clay				
5	6	7	Pink-brown	Mostly clay. Few frags of ox grey sh + qtz.	Minor chips of				
6	7	10	Yellow-brown	10% qtz. 70% strongly ox grey sh. 20% ox silt. Mostly clay.	qtz, silt + sh.	217238	<0.005		
7	8	6	" "	Mostly clay. Chips: 50% qtz, 40% ox silt, 10% ox sh.					
8	9	8	" "	Mostly clay. Chips: 5% qtz, 50% ox silt, 45% ox grey sh.					
9	10	10	" "	Mostly clay. Chips: 60% qtz, 30% ox sh, 10% silt. (sh weakly ox. silt strongly ox).					
10	11	8	" "	Mostly clay. Chips: 30% qtz, 35% silt + 35% grey sh, as above.		217239	<0.005		
11	12	9	Yellow khaki	Mostly clay. Few + tiny frags of strongly ox qtz - mica silt as above.					
12	13	9	" "	Mostly clay. Ditto.					
13	14	10	Dk khaki	Mostly clay. Chips: 50% qtz, 50% chloritic ox sh.					
14	15	10	Dk grey	Mostly puggy soft grey-black shale. Rare frags of qtz + chl grey-black sh.		217240	<0.005		
15	16	12	Pale grey	Weakly ox. soft rock - probably alt silt. Rare frags: silif pyritic silt.	Soft puggy rock				
16	17	10	Grey	Base of ox. No frags - rock v soft.	- probably grey-black				
17	18	10	" "	No frags. Ditto.	sh + sericitic silt.				
18	19	10	Dk grey	Rare tiny frags of semi-massive py (in sh?). Graphitic sheen on water.	Rare qtz-pyrite	217241	0.011		
19	20	12	Pale grey	Rare frags: qtz + graphite; sericitic silt; semi-massive py.	veins				
20	21	12	Dk grey	Rare frags: pyritic qtz. Graphitic sheen on water.					
21	22	12	" "	Few frags: Black, sil graphitic sh + minor qtz + py + graphite.					
22	23	10	Grey-black	Abundant frags: 50% qtz + py + chl. 25% Graphitic black sh. 25% grey ser-chl sh.	Puggy grey-black	217242	0.005		
23	24	12	" "	Few frags: Mostly qtz + py + chl. Rest: Dk grey or black graphitic + pyritic sh. Some strong chl alt shale.	qtz-py veins.				

COMMENTS:

COLLAR CO-ORDS (AMG): N: 5448139 E: 499650 RL:

ANGLE: -60° AZIMUTH (AMG): 0° HOLE TYPE: 82mm HAMMER DATE: 18.2.97 GEOLOGIST: J.G. PURVIS

COMPOSITE: DESPATCH No.: LGM 97-9. ANALABS LAB REPORT No.: CEN 201.60.12833 RESPLIT: DESPATCH No.: LAB REPORT No.:

381110

CENTRAL KALGOORLIE GOLD MINES

RAB Drillhole Log

Hole No. LGR 46

Project: Lefroy

Area: SOUTH-WEST OF WEST VOLUNTEER (Sheet.....2.....of.2.)

Depth: 26.5m

FROM (M)	TO (M)	SAMPLE WEIGHT (kg)	SAMPLE COLOUR	GEOLOGICAL DESCRIPTION	INTERPRETED LOG	COMPOSITE SAMPLE No.	Au gt	RESPLIT SAMPLE No.	Au gt
24	25	12	Black	60% white grt ± chl ± py. 40% chl Sh → Black Shale ± py. ^{chip: 10mm massive py.}	Zone of grt-py veining in Black Sh.	217242		(continued)	
25	26	10	Black	70% white + grey grt ± chl ± py. 30% grey strongly chl Sh → Black Shale ± py.					
26	27			EOH (26.5m)					
27	28								
28	29								
29	30								
30	31								
31	32								
32	33								
33	34								
34	35								
35	36								
36	37								
37	38								
38	39								
39	40								
40	41								
41	42								
42	43								
43	44								
44	45								
45	46								
46	47								
47	48								

COMMENTS: Interesting hole - similar to LGR 45. Possible major fault zone. Deep strong oxidation underlain by puggy altered grey + black shale with grt-py veins.

COLLAR CO-ORDS (AMG): N. <u>5448139</u> E. <u>499656</u> RL. _____		INPUT APPROVAL - DATE: _____ APPROVED: _____		
ANGLE: <u>-60°</u> AZIMUTH: <u>0°</u>	HOLE TYPE: <u>82mm HAMMER</u> DATE: <u>18.2.97</u>	GEOLOGIST: <u>J. G. PURVIS</u>		
COMPOSITE: DESPATCH ORDER No. <u>LGM97-9</u>		RESPLIT: DESPATCH ORDER No. _____		
LAB REPORT No. <u>CEN 201.60.12833</u>		LAB REPORT No. _____		
LAB DETAILS: <u>ANALABS</u>		LAB DETAILS: _____		
CHECKLIST:	DATE	BY	DATE	BY
COMPUTER ENTRY				
PLAN PLOT				
SECTION PLOTS				

381111