

Project: Open Cut Potential

Prospect: West Lyell

Hole Number: 97WLC0777

Major			Lithology				Alteration		Mineralisation					Structure & Veining			Mag Sus ($\times 10^{-6}$ cgs)				
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	py %	Styl	cp %	Styl	bi %	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
0	1	Rmd																			
1	2	Rmd																			
2	3	Lqzpy	gy	mg		Mixture of fresh rock and dump material.	py(sse)		10		no										
3	4	Lqzpy	gy	mg			py(sse)		12		no										
4	5	Lqzse	gy	fgmg		More sericitic.	py(sse)		7		no										
5	6	Lqzpy	gy	fgcg		Mixture of Lqzse and Vqz with associated ch alteration.	py(sse)ch		10		no										
6	7	Lqzse	gy	mg			py(sse)		7		no										
7	8	Lqzse	gy	mg		Mixture of Lqzsepy and Lqzch chips.	pychse		7		no										
8	9	Lqzch	ge	mg			ch		2		no										
9	10	Lqzch	ge	fg		Contains Vqzsd.	ch		2		no										
10	11	Lqzch	ge	fg		Minor sericite along foliation planes.	ch		2		no										
11	12	Lqzch	ge	fg			ch		3		no										
12	13	Lqzch	ge	fg			ch		2		no										
13	14	Lqzch	ge	fg			ch		1		no										
14	15	Lqzch	ge	fg			ch		<1		no										
15	16	Lqzch	ge	fg			ch		1		no										
16	17	Lqzch	gegy	fgmg		Mixture of Lqzch and Lqzsepy chips.	chsesi		7		no										
17	18	Lqzch	ge	fg			ch		2		no										
18	19	Lqzch	ge	fg			ch		1		no										
19	20	Lqzch	ge	fg		Mixture of Lqzse and Lqzch chips.	chsepy		4		no										
20	21	Lqzch	ge	fg			chpy		7		no										
21	22	Lqzch	ge	fg			ch		2		no										
22	23	Lqzch	ge	fg			ch		2		no										
23	24	Lqzch	ge	fg		Mixture of Lqzch and Lqzse(py) chips.	chse		4		no										
24	25	Lqzse	gy	mg			se(py)		7		no										
25	26	Lqzse	gy	mg			se(py)		7		no										
26	27	Lqzse	gy	mg			sepy		10		no										
27	28	Lqzse	gy	mg			sepy		7		no										
28	29	Lqzpy	gy	mg			sesipy		12		no										
29	30	Lqzpy	gy	mg			sesipy		12		no										
30	31	Lqzse	gy	mg			sesipy		6		no										
31	32	Lqzse	gy	mg		Minor bornite.	sesipy		8		<1		<1								
32	33	Lqzch	ge	fg			ch		5		<1										
33	34	Lqzse	gegy	mg		Contains Vqz	sechsi		5		<1										
34	35	Lqzse	gy	mg			sesi(py)		5		<1										
35	36	Lqzch	ge	fg		Contains Vqz.	ch		3		<1										
36	37	Lqzse	gyge	fgmg			chsesi		5		no										

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From (m)	To (m)	Code	Gr. Size	Gr. Shape	Texture	Description	Code	Description	sp %	styk	ep %	style	%	%	Depth (m)	Code	Description	Depth (m)	Corr	Indp	Check
37	38	Lq/se	gs	mg			sesipy		8		<1										
38	39	Lq/se	gs	mg			se		8		<1										
39	40	Lq/se	gs	mg			se(py)		8		<1										
40	41	Lq/se	gs	mg			se(py)		5		no										
41	42	Lq/se	gs	mg			se(py)		5		no										
42	43	Lq/se	gs	mg			se(py)		5		no										
43	44	Lq/se	gs	mg			se(py)		5		no										
44	45	Lq/se	gs	mg			se(py)		5		no										
45	46	Lq/se	gs	mg			se(py)		5		no										
46	47	Lq/se	gs	mg			se(py)		5		no										
47	48	Lq/se	gs	mg			se(py)		5		no										
48	49	Lq/se	gs	mg			sesi		2		no										
49	50	Lq/se	gs	mg			sesipy		4		no										
50	51	Lq/se	gs	mg			sesipy		5		no										
51	52	Lq/se	gs	mg			sesipy		5		no										
52	53	Lq/se	gs	mg			sesipy		6		no										
53	54	Lq/se	gs	mg			sesipy		4		no										
54	55	Lq/se	gs	mg			sesipy		4		no										
55	56	Lq/se	gs	mg			sesipy		4		no										
56	57	Lq/se	gs	mg			sesi		4		<1										
57	58	Lq/se	gs	mg			sesi		4		no										
58	59	Lq/se	gs	mg			sesi		2		<1										
59	60	Lq/se	gs	mg			sesi		2		no										
60	61	Lq/se	gs	mg			sesipy		7		no										
61	62	Lq/se	gs	mg			sesipy		7		no										
62	63	Lq/se	gs	mg			sesipy		4		no										
63	64	Lq/se	gs	mg			sesi		4		no										
64	65	Lq/se	gs	mg			sesi		3		no										
65	66	Lq/se	gs	mg		Possible pyrite vein	sesipy		12		no										
66	67	Lq/se	gs	mg			sesipy		10		no										
67	68	Lq/se	gs	mg			sesipy		8		no										
68	69	Lq/se	gs	mg			sesipy		10		no										
69	70	Lq/se	gs	mg			sesipy		10		no										
70	71	Lq/se	gs	mg			sesipy		12		no										
71	72	Lq/se	gs	mg			sesipy		7		<1										
72	73	Lq/se	gs	mg			sesipy		10		<1										
73	74	Lq/se	gs	mg			sesipy		5		no										

Geologist: J.S. Lawrence

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Major			Lithology				Alteration		Mineralisation				Structure & Veining			Mag Sus (x10 ⁻⁴ cgs)					
From (m)	To (m)	Code	Foliation	Gr. Size	Fracture	Description	Code	Description	py %	Stk%	sp %	Stk%	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
74	75	Lqzse	gy	mg		Some apple green sericite.	sesi		3		no										
75	76	Lqzse	gy	mg			sesi		4		no										
76	77	Lqzse	gy	mg			sesichpy		7		no										
77	78	Lqzch	ge	fg		Contains Vqz.	ch		4		<1										
78	79	Lqzse	gy	mg			sesipy		14		no										
79	80	Lqzse	gy	mg			sesipy		14		no										
80	81	Lqzse	gy	mg			sesipy		10		<1										
81	82	Lqzse	gy	mg			sesipy		8		<1										
82	83	Lqzse	gy	mg			sesipy		10		<1										
83	84	Lqzse	gy	mg			sesipy		10		<1										
84	85	Lqzse	gy	mg			sesipy		10		no										
85	86	Lqzse	gy	mg			sesipy		10		no										
86	87	Lqzse	gy	mg			sesipy		10		<1										
87	88	Lqzse	gy	mg			sesipy		6		no										
88	89	Lqzse	gy	mg			sesipy		6		no										
89	90	Lqzse	gy	mg			sesipy		10		no										
90	91	Lqzse	gy	mg		Minor chloritic chips.	sesipych		10		no										
91	92	Lqzch	ge	mg		Mixture of Lqzch and Lqzse(py) chips.	sesich		4		<1										
92	93	Lqzch	ge	mg		Mixture of Lqzch and Lqzse(py) chips.	sesich		4		<1										
93	94	Lqzse	gy	mg		Significant crack at 94m.	sesipy		7		no										
94	95	Lqzse	gy	mg			sesipy		7		no										
95	96	Lqzse	gy	mg			sesipy		7		no										
96	97	Lqzse	gy	mg			sesipy		12		no										
97	98	Lqzse	gy	mg		Very sericitic rock containing Vqz.	sesipy		10		no										
98	99	Lqzse	gy	mg		Very sericitic rock containing Vqz.	sesipy		10		<1										
99	100	Lqzse	gy	mg		Very sericitic rock containing Vqz.	sesipy		10		<1										
100	101	Lqzse	gy	mg			sesi		4		no										
101	102	Lqzse	gy	mg		Becoming more quartz rich.	sesi(py)		7		no										
102	103	Lqzse	gy	mg			sesipy		10		no										
103	104	Lqzse	gy	mg			sesi(py)		7		no										
104	105	Lqzse	gy	mg			sesi(py)		7		no										
105	106	Lqzse	gy	mg			sesi(py)		7		<1										
106	107	Lqzse	gy	mg			sesi(py)		7		no										
107	108	Lqzse	gy	mg			sesi(py)		7		no										
108	109	Lqzse	ltpk	mg			sesi(py)		5		<1										
109	110	Lqzse	ltpk	mg			sesi		3		no										
110	111	Lqzse	gy	mg			sesi(py)		6		no										

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Copper Mines of Tasmania - Diamond Drill Hole Geological Log

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Major			Lithology			Alteration		Mineralisation				Structure & Veining			Mag Sus ($\times 10^{-4}$ cgs)						
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	py %	Styl	cp %	Styl	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
111	112	Lq/se	ltpk	mg		Mixture of ltpk qz and gy lq/se	ses(py)		6		no										
112	113	Lq/se	ltpk	mg			ses(py)		5		no										
113	114	Lq/se	gy	mg			ses(py)		8		no										
114	115	Lq/se	gy	mg			ses(py)		10		no										
115	116	Lq/se	gy	mg			ses(py)		6		<1										
116	117	Lq/se	gy	mg			ses		8		no										
117	118	Lq/ch	ge	fg			chl(py)		5		no										
118	119	Lq/ch	ge	fg			chl(py)		5		no										
119	120	Lq/ch	ge	fg			chl(py)		5		no										
		EoH																			

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