Copper Mines of Tasmania - Diamond Drill Hole Summary

2780923

Project:	Open Pit Potential	**Hole ID:**	97WLC0780		
Prospect:	West Lyell	**Grid 1:**	AMG	**Bearing:**	050 38 23
Tenement:	1M95	**Coord's:**	5 342 350.979 mN	**Dip:**	-59 54
Drilled By:	DDT Pty Ltd		382 610.746 mE	**RL:**	421.952
Rig Type:	UDR 650	**Grid 2:**	315 GRL	**Bearing:**	87.14
Date Drilled:	18/04/97 - 20/04/97	**Coord's:**	7830.91 mN	**Dip:**	-59.90
Logged by:	J.Lawrence/P.McDowell		3646.37 mE	**RL:**	2421.952
Date Logged:	18/04/97 - 20/04/97	**Total Depth:**	120 metres		
Core/Chip Storage:	Sample farm	**S.S. No:**	C 0610		

Geological Summary

From	To	Code	Lithology
0	20	Rmd	
20	23	Lqzse	
23	31	Lqzch	
31	36	Lqzse	
36	37	Lqzch	
37	39	Lqzse	
39	40	Lqzch	
40	52	Lqzse	
52	53	Lqzch	
53	55	Lqzse	
55	56	Lqzch	
56	83	Lqzse	
83	85	Lqzch	
85	89	Lchqz	
89	95	Lqzse	
95	99	Lqzch	
99	101	Lchqz	
101	106	Lqzse	
106	112	Lqzch	
112	114	Lqzpy	
114	118	Lqzch	Very silicious 115-116m
118	120	Lqzpy	

Drilling Summary

Core Size	From	To	Total
RC chips:			
	0.00	120.00	120.00
			EoH
DD core:			
BQ			
NQ			

Survey Data

Depth (m)	Dip	Mag Azm	Grid Azm

Comments

Survey Instruments

Drill hole not surveyed.

Significant Intersections*

From	To	Thichness	Description/Code	% Cu	g/t Au	g/t Ag	
2	22	20	Rmd	0.27	0.13	0.6	
2	20	18	Rmd	0.27	0.14	0.7	

27804

Project: Open Cut Potential **Prospect:** West Lyell **Hole Number:** 97WLC0780

Major			Lithology				Alteration		Mineralisation						Structure & Veining			Mag Sus ($x10^{-3}$ cgs)			
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	py %	Style	cp %	Style	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
0	1	Rmd																			
1	2	Rmd																			
2	3	Rmd																			
3	4	Rmd																			
4	5	Rmd																			
5	6	Rmd																			
6	7	Rmd																			
7	8	Rmd																			
8	9	Rmd																			
9	10	Rmd																			
10	11	Rmd																			
11	12	Rmd																			
12	13	Rmd																			
13	14	Rmd																			
14	15	Rmd																			
15	16	Rmd																			
16	17	Rmd																			
17	18	Rmd																			
18	19	Rmd																			
19	20	Rmd																			
20	21	Lqzse	gy	mg		Still some fill material.	sesipy		5		no										
21	22	Lqzse	gy	mg		Still some fill material.	sesipy		5		no										
22	23	Lqzse	gy	mg		Still some fill material.	sesipy		5		no										
23	24	Lqzch	ge	fg		Still some fill material.	chpy		3		no										
24	25	Lqzch	ge	fg			chpy		3		no										
25	26	Lqzch	ge	fg		Some Vqz.	chpy		3		no										
26	27	Lqzch	ge	fg			chpy		7		no										
27	28	Lqzch	ge	fg			chpy		7		no										
28	29	Lqzch	ge	fg			chpy		7		no										
29	30	Lqzch	ge	fg			chpy		7		no										
30	31	Lqzch	ge	fg			chpy		7		no										
31	32	Lqzse	gy	mg			sesipy		7		no										
32	33	Lqzse	gy	mg			sesipy		7		no										
33	34	Lqzse	gy	mg			sesipy		3		no										
34	35	Lqzse	gy	mg			sesipy		3		no										
35	36	Lqzse	gy	mg			sesipy		3		no										
36	37	Lqzch	ge	mg			chse		3		no										

Geologist: J.S. Lawrence & P. McDowell Date: 18-20/4/97

[redacted]

27809 5

Project: Open Cut Potential | **Prospect:** West Lyell | **Hole Number:** 97WLC0780

Major			Lithology				Alteration		Mineralisation						Structure & Veining			Mag Sus ($x10^{-4}$ cgs)			
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	py %	Style	sp %	Style	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
37	38	Lq/se	ge	mg		Chloritic and sericitic chips.	chsepy		5		no										
38	39	Lq/se	ge	mg		Chloritic and sericitic chips.	chsepy		5		no										
39	40	Lq/ch	ge	mg		Chloritic and sericitic chips.	chsepy		7		no										
40	41	Lq/se	ge	mg		Chloritic and sericitic chips.	chsepy		5		no										
41	42	Lq/se	gy	mg			sesipy		5		no										
42	43	Lq/se	gy	mg			sesipy		5		no										
43	44	Lq/se	gy	mg			sesipy		5		no										
44	45	Lq/se	gy	mg			sesipy		8		no										
45	46	Lq/se	gy	mg			sesipy		5		no										
46	47	Lq/se	gy	mg			sesipy		5		no										
47	48	Lq/se	gy	mg		Minor bornite.	sesipy		5		no										
48	49	Lq/se	gy	mg			sesipy		5		no										
49	50	Lq/se	ge	mg			sech		5		no										
50	51	Lq/se	ge	mg			sech		5		no										
51	52	Lq/se	ge	mg			sech		5		<1										
52	53	Lq/ch	ge	mg			sech		5		no										
53	54	Lq/se	ge	mg			sech		5		no										
54	55	Lq/se	ge	mg			sech		5		no										
55	56	Lq/ch	ge	mg			sech		5		no										
56	57	Lq/se	ge	mg		Abundant yellow sericite.	sepy		8		no										
57	58	Lq/se	gy	mg		Abundant yellow sericite.	sepy		8		no										
58	59	Lq/se	gy	mg			sesipy		5		no										
59	60	Lq/se	gy	mg			sesipy		5		no										
60	61	Lq/se	gy	mg		Hit water.	sesipy		5		no										
61	62	Lq/se	gy	mg			sesipy		5		no										
62	63	Lq/se	gy	mg			sesipy		5		no										
63	64	Lq/se	gy	mg			sesipy		5		no										
64	65	Lq/se	gy	mg			sesipy		5		no										
65	66	Lq/se	gy	mg			sesipy	Minor chlorite.	5		no										
66	67	Lq/se	gy	mg			sesipy	Minor chlorite.	5		<1										
67	68	Lq/se	gy	mg			sesipy	Minor chlorite.	5		<1										
68	69	Lq/se	gy	mg			sesipy		5		<1										
69	70	Lq/se	gy	mg			sesipy	Sericite smears.	5		<1										
70	71	Lq/se	gy	mg			sesipy		5		<1										
71	72	Lq/se	gy	mg			sesipy		5		<1										
72	73	Lq/se	ge	mg			sesipy	Minor chlorite.	5		<1										
73	74	Lq/se	ge	mg			sesipy	Minor chlorite.	5		<1										

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Copper Mines of Tasmania - Diamond Drill Hole Geological Log

Project: Open Cut Potential **Prospect:** West Lyell **Hole Number:** 97WLC0780

Major			Lithology				Alteration		Mineralisation						Structure & Veining			Mag Sus ($x10^{-6}$ cgs)			
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	py %	Style	cp %	Style	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
74	75	Lq/se	ge	mg			sise	Minor chlorite.	6		no										
75	76	Lq/se	ge	mg			sise	Minor chlorite.	6		no										
76	77	Lq/se	ge	mg			sise	Minor chlorite.	6		no										
77	78	Lq/se	ge	mg			sise	Minor chlorite.	6		no										
78	79	Lq/se	ge	mg			sise	Minor chlorite.	6		no										
79	80	Lq/se	ge	mg			sise	Minor chlorite.	6		no										
80	81	Lq/se	gy	mg			sise		3		no										
81	82	Lq/se	gy	mg			sise		3		no										
82	83	Lq/se	gy	mg		More ground water.	sise		3		no										
83	84	Lq/ch	ge	mg		Mixture of Lq/se and Lq/ch chips	sech		2		no										
84	85	Lq/ch	ge	mg		Mixture of Lq/se and Lq/ch chips.	sech		2		no										
85	86	Lchq/	ge	fg			ch		2		no										
86	87	Lchq/	ge	fg			ch		2		no										
87	88	Lchq/	ge	fg			ch		2		no										
88	89	Lchq/	ge	fg			ch		2		no										
89	90	Lq/se	ge	mg		Mixture of Lq/ch and Lq/se chips.	sech		2		no										
90	91	Lq/se	ge	mg		Mixture of Lq/ch and Lq/se chips.	sech		2		no										
91	92	Lq/se	pk	mg			sesi		4		no										
92	93	Lq/se	pk	mg			sesi		4		no										
93	94	Lq/se	pk	mg			sesi		4		no										
94	95	Lq/se	pk	mg			sesi		4		no										
95	96	Lq/ch	ge	mg			chsi		2		no										
96	97	Lq/ch	ge	mg			ch		2		no										
97	98	Lq/ch	ge	mg			ch		2		no										
98	99	Lq/ch	ge	mg			ch		2		no										
99	100	Lchq/	ge	fg		Chloritic band with Vqz.	ch		2		no										
100	101	Lchq/	ge	fg		Chloritic band with Vqz.	ch		2		no										
101	102	Lq/se	pk	mg		Some chloritic chips.	sesi		5		no										
102	103	Lq/se	pk	mg			sesi		5		no										
103	104	Lq/se	gy	fgmg			sesi		5		no						wet				
104	105	Lq/se	gy	fgmg			sesi		5		no						wet				
105	106	Lq/se	gy	fgmg	f2	Apatite?	ch	ch increase.	4		2	ds					moist				
106	107	Lq/ch	pkgy	fgmg	f2		ch	Moderate ch.	7		1	ds					moist				
107	108	Lq/ch	gegy	mg	f2		ch		9		3	ds					moist				
108	109	Lq/ch	gegy	fgmg	f2	Pyrite and chalcopyrite fractured/massive. Fault? Apatite?	ch		15	r	4	ds					moist				
109	110	Lq/ch	gyge	fgmg	mv	Moderate silicification, moderate chlorite.	ch		7	ds	<1	ds					moist				
110	111	Lchq/	gegy	fgmg		Possible Gypsum. Mo.	chse	Moderate chlorite.	5	ds	2	ds									

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Major			Lithology				Alteration		Mineralisation						Structure & Veining			Mag Sus ($x10^{-6}$ cgs)			
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	py %	Style	cp %	Style	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
111	112	Lqzch	gyge	fgmg	f2	V. fg cp with py cubes with moderate ch.	ch		15		5	ds									
112	113	Lqzpy	gyge	fgmg	ms	ms ds py. Bleach halo.	ch		30	ds	1										
113	114	Lqzpy	gyge	fgmg	ms	ms ds py. Bleach halo.	ch		25	ds											
114	115	Lqzch	gyge	fgmg	ms	ms ds py. Bleach halo.	ch		10												
115	116	Lqz	gyge	fgmg	ms		ch		15												
116	117	Lqzch	gyge	fgmg	f2	Minor bleach.			5												
117	118	Lqzch	gegy	fgmg	f2	Minor carbonate	ch		15	ds											
118	119	Lqzpy	gy	fgmg		ms py	ch		20	ds											
119	120	Lqzpy	gy	fgmg			ch		15	ds											
EOH																					

Geologist: J.S. Lawrence & P. McDowell **Date:** 18-20/4/97 **Page** 4 **of** 4