Copper Mines of Tasmania - Diamond Drill Hole Summary

278064

Project:	Open Pit Potential	**Hole ID:**	97WLC0776		
Prospect:	West Lyell	**Grid 1:**	AMG	**Bearing:**	060 31 12
Tenement:	1M95	**Coord's:**	5 342 128.477 mN	**Dip:**	-58 36
Drilled By:	DDT Pty Ltd		382 513.460 mE	**RL:**	422.596
Rig Type:	UDR 650	**Grid 2:**	315 GRL	**Bearing:**	97.02
Date Drilled:	10/04/97 - 11/04/97	**Coord's:**	7709.89 mN	**Dip:**	-58.6
Logged by:	J.Lawrence		3435.75 mE	**RL:**	2422.596
Date Logged:	10/04/97 - 11/04/97	**Total Depth:**	120 metres		
Core/Chip Storage:	Sample farm	**S.S. No:**	C 0606		

Geological Summary

From	To	Code	Lithology
0.00	6.00	Rgv	Waste rock dump.
6.00	16.00	Lqzpy	
16.00	19.00	Lqzch	
19.00	31.00	Lqzse	
31.00	36.00	Lqzch	
36.00	45.00	Lqzse	
45.00	51.00	Lqzch	
51.00	53.00	Lqzse	
53.00	55.00	Lqzch	
55.00	103.00	Lqzse	
103.00	105.00	Lqzch	
105.00	108.00	Lqzse	
108.00	117.00	Lqzch	
117.00	120.00	Lqzse	

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	Thickness	Description/Code	% Cu	g/t Au	g/t Ag
16.00	78.00	62	Lqzse & Lqzch	0.36	0.10	0.4
18.00	68.00	50	Lqzse & Lqzch	0.42	0.12	0.5
40.00	46.00	6	Lqzse	0.51	0.12	0.3
58.00	68.00	10	Lqzse	0.67	0.13	1.2

Project: Open Cut Potential | **Prospect: West Lyell** | ***Hole Number:* 97WLC0776**

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
0	1	Rgv																			
1	2	Rgv																			
2	3	Rgv																			
3	4	Rgv																			
4	5	Rgv																			
5	6	Rgv																			
6	7	Lqz	gy	mgcg		First unoxidised rock very siliceous.	sisepy	Pervasive.	5		no										
7	8	Lqz	gy	mgcg		As above, slightly more siliceous.	sisepy	Strong pervasive.	5		no										
8	9	Lqz	gy	mg		As above.	sipy	Strong pervasive.	7		no										
9	10	Lqzpy	gy	mgcg			sipy	Strong pervasive.	10		no										
10	11	Lqzpy	gy	mgcg			sipy	Strong pervasive.	10		no										
11	12	Lqzpy	gy	mgcg			sipy		10		no										
12	13	Lqz	gy	mg			sipy		7		no										
13	14	Lqzpy	gy	mg		Possibly some minor chalcopyrite.	sipyse		7		<1										
14	15	Lqzpy	gy	mgcg		Minor chalcopyrite.	sipyse		10		1										
15	16	Lqzse	gy	fgmg		Minor chalcopyrite.	sipyse		5		1										
16	17	Lqzch	ge	fg		Chalcopyrite.	chse		5		2										
17	18	Lqzch	ge	fg		Minor chalcopyrite, phyllic minerals becoming more prominent.	chse		5		1										
18	19	Lqzch	gegy	fg		Distinct chlorite and sericite chips.	chse		4		1										
19	20	Lqzse	gy	fgmg		Minor chalcopyrite distinct sericite rock.	sesi		7		1										
20	21	Lqzse	gy	mg		Becoming more siliceous, chalcopyrite increasing.	sessile		6		2										
21	22	Lqzse	gy	mg		As above.	sipy		6		2										
22	23	Lqzse	gy	mg		As above.	sipyse		8		2										
23	24	Lqzse	gy	mg		As above.	sipy		10		1										
24	25	Lqzse	ge	mg		Chlorite as small clots and weakly pervasive.	chasse		3		1										
25	26	Lqzch	ge	mg			ch	Weakly pervasive.	4		2										
26	27	Lqzse	gy	mg		No chlorite.	sise		6		2										
27	28	Lqzse	gy	mg		Minor chlorite.	sesi		7		2										
28	29	Lqzse	gy	mg			chsesi	Chlorite weakly pervasive and clotted.	4		<1										
29	30	Lqzse	ge	mg		Minor chlorite.	sech		4		<1										
30	31	lqzse	ge	mg		Minor chlorite.	sech		4		<1										
31	32	Lqzch	ge	mg		Chlorite becoming more pervasive.	ch		2		<1										
32	33	Lqzch	ge	mg		As above.	ch	Pervasive.	3		<1										
33	34	Lqzch	ge	mg		As above.	ch	Pervasive.	4		1										
34	35	Lqzch	ge	mg		As above.	ch	Pervasive.	4		<1										
35	36	Lqzch	ge	fgmg		As above.	ch		3		1										
36	37	Lqzse	ge	fgmg		Sericite becoming more prominent.	sech	Pervasive.	2		<1										

Geologist: J.S.Lawrence **Date: 10-11/4/97**

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Project: Open Cut Potential **Prospect:** West Lyell **Hole Number:** 97WLC0776

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
37	38	Lqzse	gegy	fgmg		As above.	sech		2		<1										
38	39	Lqzse	gy	mg		Very minor chlorite	se		3		<1										
39	40	Lqzse	gy	mg			sesi		5		<1										
40	41	Lqzse	gy	mg		Very minor chlorite	sesi		5		<1										
41	42	Lqzse	gy	mg			sesi		4		<1										
42	43	Lqzse	gy	mg			sesi		4		no										
43	44	Lqz	gy	mg		Very siliceous.	sipy		6		no										
44	45	Lqzse	gy	mg			sesipy		5		no										
45	46	Lqzch	ge	mg		Contains Vqz.	sich		4		<1										
46	47	Lqzch	ge	mg		Contains Vqz.	sich		4		<1										
47	48	Lqzch	ge	mg		As above.	sich		3		no										
48	49	Lqzch	ge	fgmg		More chloritic than above.	ch	Strong pervasive.	3		no										
49	50	Lqzch	ge	fgmg		As above.	ch	Strong pervasive	3		no										
50	51	Lqzch	ge	mg		Becoming less chloritic and more sericitic.	chse		3		no										
51	52	Lqzse	gegy	mg		As above.	chse	Chlorite clotted	2		no										
52	53	Lqzse	gegy	mg		As above	chse		2		no										
53	54	Lqzch	gegy	fgmg		Clotted chlorite in a si(se) rock.	ch	Clotted.	no		no										
54	55	Lqzch	ge	fgmg			ch	Strongly clotted/pervasive	no		no										
55	56	Lqzse	gy	mg		Transition to a pyritic Lqzse.	chse		3		no										
56	57	Lqzse	gegy	fgmg		Mixture of Lqzse and Lqzch chips.	chse		4		1										
57	58	Lqzse	gy	mg			sesi		7		1										
58	59	Lqzse	gy	mg		Becoming more siliceous.	sise		5		1										
59	60	Lqzse	gy	mg		As above.	sise		5		1										
60	61	Lqzse	gy	mg			sise		7		<1										
61	62	Lqzse	gyge	mg			sesi		7		<1										
62	63	Lqzse	gyge	mg		Some clots of chlorite associated with pyrite.	sesipych		6		<1										
63	64	Lqzse	gy	mg			sesipy		7		<1										
64	65	Lqzse	gy	mg			sesipy		10		<1										
65	66	Lqzse	gy	mg			sesipy		10		1										
66	67	Lqzse	gy	mg			sesipy		10		1										
67	68	Lqzse	gyge	mg		Minor chlorite.	sesipych		7		<1										
68	69	Lqzse	gy	mg			sesi		2		<1										
69	70	Lqzse	gy	mg		Minor chlorite.	sesi		2		<1										
70	71	Lqzse	gy	mg			sesi		2		<1										
71	72	Lqzse	gy	mg			sesi		2		no										
72	73	Lqzse	gy	mg		Becoming more sericitic.	sesi		2		no										
73	74	Lqzse	gy	mg		As above.	sesi		2		no										

Geologist: J.S.Lawrence **Date:** 10-11/4/97

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Project: Open Cut Potential **Prospect:** West Lyell **Hole Number:** 97WLC0776

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	Lqzse	gy	mg			sesi		2		no										
75	76	Lqzse	gy	mg			sesi		2		<1										
76	77	Lqzse	gy	mg			sesi		2		<1										
77	78	Lqzse	gy	mg			sesi		2		<1										
78	79	Lqzse	gy	mg		Becoming very quartz rich.	sesi		2		no										
79	80	Lqzse	gy	mg			sesi		2		<1										
80	81	Lqzse	gy	mg			sesi		2		<1										
81	82	Lqzse	gy	mg			sesi		2		<1										
82	83	Lqzse	gy	mg			sesi		2		<1										
83	84	Lqzse	gy	mg			sesi		2		<1										
84	85	Lqzse	gy	mg			sesi		2		no										
85	86	Lqzse	gy	mg			sesi		2		no										
86	87	Lqzse	gy	mg			sesi		2		no										
87	88	Lqzse	gy	mg			sesi		2		no										
88	89	Lqzse	gy	mg			sesi		3		<1										
89	90	Lqzse	gy	mg		More pyritic.	sesipy		10		no										
90	91	Lqzse	gy	mg			sesipy		7		<1										
91	92	Lqzse	gy	fgmg		Relatively sericite rich.	sesipy		7		<1										
92	93	Lqzse	gy	fg			sesipy		7		<1										
93	94	Lqz	gy	mg			sisepy		8		no										
94	95	Lqz	gy	mg			sise		3		no										
95	96	Lqzse	gy	mgcg			sise		3		no										
96	97	Lqzse	gy	mg		Vein pyrite material.	sise		8		no										
97	98	Lqzse	gy	mg		slightly more sericitic.	sise		7		no										
98	99	Lqz	gy	mg			sise		5		no										
99	100	Lqzse	gy	mg			sise		5		no										
100	101	Lqzse	gypk	mg		Quartz pink in colour (haematite staining).	sesi		3		no										
101	102	Lqzse	gypk	mg			sesi		3		no										
102	103	Lqzse	gypk	mg			sesi		4		<1										
103	104	Lqzch	ge	fgmg		Chloritic rock.	sesich		5		no										
104	105	Lqzch	ge	fgmg			sesich		4		no										
105	106	Lqzse	gy	mg			sesi		4		<1										
106	107	Lqzse	gy	mg			sesipy		10		<1										
107	108	Lqzse	gy	mg			sesipy		6		no										
108	109	Lqzch	gegy	fgmg		Mixture of qzse and qzch chips.	chsesi		4		<1										
109	110	Lqzch	ge	fg		Contains Vqz.	sich		1		no										
110	111	Lqzch	ge	fg		Contains Lqzsd	sichcb		2		no										

Geologist: J.S.Lawrence **Date:** 10-11/4/97 **Page** 3 of 4

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Project: Open Cut Potential **Prospect:** West Lyell **Hole Number:** 97WLC0776

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	cp %	Style	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
111	112	Lq/ch	ge	fg		As above.	*sishcb*		2		no										
112	113	Lq/ch	ge	fg			sich		3		<1										
113	114	Lq/ch	ge	fg			sich		3		<1										
114	115	Lq/ch	ge	fg		Minor quartz veining.	ch		4		no										
115	116	Lq/ch	ge	fg			ch		4		<1										
116	117	Lq/ch	gegy	fgmg		Mixture of q/ch and q/se chips.	chse		4		no										
117	118	Lq/se	gy	fg		Relatively sericitic.	se		6		no										
118	119	Lq/py	gy	fg			sepy		16		no										
119	120	Lq/se	gy	fg			sepy		12		no										
	EoH																				

Geologist: J.S.Lawrence **Date:** 10-11/4/97 **Page** 4 of 4

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