

Project:	Open Pit Potential	Hole ID:	97WLC0783
Prospect:	West Lyell	Grid 1:	AMG
Tenement:	1M95	Coord's:	5 342 406.966 mN
Drilled By:	DDT Pty Ltd	<i>check</i>	382 991.526 mE
Rig Type:	UDR 650	Grid 2:	315 GRL
Date Drilled:	23 - 28/4/97	Coord's:	8348.26 mN
Logged by:	J.S. Lawrence	<i>check</i>	4121.29 mE
Date Logged:	23 - 28/4/97	Total Depth:	138.3
Core/Chip Storage:	Sample farm	S.S. No:	C 0620

GRL:  
7649 N  
3986 E

Geological Summary			
From	To	Code	Lithology
0	2	Rmd	
2	8	Lqzch	
8	10	Lqzse	
10	17	Lqzch	
17	20	Lqzse	
20	23	Lqzch	
23	39	Lqzse	
39	48	Lqzch	
48	50	Lqzhm	
50	54	Lqzch	
54	59	Lqzse	Minor Lqzch
59	86	Lqzch	
86	88	Lqzse	
88	92	Lqzhm	
92	97	Lqzch	
97	103	Lqzse	
103	106	Lqzch	
106	125	Lqzse	Minor Lqzhm
125	130	Lqzch	
130	138	Lqzse	
138	138.3	Oct	
Comments			
Bit gauged and caught on penetrating the harder Owen Conglomerate.			

Drilling Summary			
Core Size	From	To	Total
RC chips:	0.00	138.30	138.30
DD core:			
BQ			
NQ			

Survey Data			
Depth (m)	Dip	Mag Azm	Grid Azm
0	--90.0	000.00	000.0
30	-41.5-97	090.00	-087.9
60	-37.5-86	086.00	-086.0
90	-37.5-86	086.00	-084.7
125	-47.5-83	4096.00	-083.4

Survey Instruments
Calibrated Ausmine single shot camera

Significant Intersections*						
From	To	Thickness	Description/Code	% Cu	g/t Au	g/t Ag
38	80	42	Lqzch & Lqzhm & Lqzse	0.30	0.18	1.6
108	114	6	Lqzse	0.31	0.02	1.4
38	46	8	Lqzch	1.15	0.78	3.6

Project: Open Cut Potential

Prospect: West Lyell

Hole Number: 97WLC0783

Major			Lithology				Alteration		Mineralisation					Structure & Veining			Mag Sus ( $\times 10^{-6}$ cgs)				
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	sp %	st%e	cp %	st%e	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
0	1	Rmd																			
1	2	Rmd																			
2	3	Lqzch	ge	fg		Specular haematite	chhm		<1		no										
3	4	Lqzch	ge	fg		Specular haematite	chhm		<1		no										
4	5	Lqzch	ge	fg		Specular haematite	chhm		<1		no										
5	6	Lqzch	ge	fg		Specular haematite	chhm		<1		no										
6	7	Lqzch	ge	fg		Specular haematite	chhm		<1		no										
7	8	Lqzch	pkge	mg		Specular haematite	chhmse		<1		<1										
8	9	Lqzse	pkgy	mg		Specular haematite	chhmse		<1		<1										
9	10	Lqzse	pkgy	mg		Specular haematite	chhmse		1		no										
10	11	Lqzch	pkge	mg		Specular haematite	chhmse		<1		<1										
11	12	Lqzch	ge	fg			ch		<1		no										
12	13	Lqzch	ge	fg			ch		<1		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	ge	fg			ch		2		no										
17	18	Lqzse	pkgyge	mg			chhmse		2		no										
18	19	Lqzse	pkgyge	mg			chhmse		2		no										
19	20	Lqzse	pkgyge	mg			chhmse		7		<1										
20	21	Lqzch	ge	fg			hmpy		3		no										
21	22	Lqzch	ge	fg			hmpy		3		no										
22	23	Lqzch	ge	fg			hmpy		3		no										
23	24	Lqzse	gypk	mg			hmpy		2		no										
24	25	Lqzse	gypk	mg			hmpy		2		no										
25	26	Lqzse	gypk	mg			hmpy		2		no										
26	27	Lqzse	gypk	mg			hmpy		2		no										
27	28	Lqzse	gypk	mg			hmpy		2		no										
28	29	Lqzse	gypk	mg			hmpy		2		no										
29	30	Lqzse	gypk	mg			hmpy		2		<1										
30	31	Lqzse	gypk	mg			hmpy		3		1										
31	32	Lqzse	gypk	mg			hmpy		4		1										
32	33	Lqzse	gypk	mg		Contains Vqz and apple green siderite.	hmpy		1		<1										
33	34	Lqzse	gypk	mg		Contains Vqz and apple green siderite.	hmpy		1		<1										
34	35	Lqzse	gypk	mg		Chlorite patchy.	hmchl		2		<1										
35	36	Lqzse	gypk	mg		Chlorite patchy.	hmchl		<1		<1										
36	37	Lqzse	gypk	mg			hm		<1		>1										

278192

Project: Open Cut Potential

Prospect: West Lyell

Hole Number: 97WLC0783

Major			Lithology				Alteration		Mineralisation				Structure & Veining			Mag Sus (x10 <sup>4</sup> 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	gybk	mg			hmch		<1		<1										
38	39	Lqzse	gybk	mg			hmch		<1		<1										
39	40	Lqzch	ge	fg			ch		2		2	fgsd									
40	41	Lqzch	gepk	mg			hmse		4		1										
41	42	Lqzch	gepk	mg			hmse		4		1										
42	43	Lqzch	gepk	mg			hmse		4		3										
43	44	Lqzch	gepk	mg			hmse		2		1										
44	45	Lqzch	gepk	mg			hmse		2		1										
45	46	Lqzch	gepk	mg			hmse		2		1										
46	47	Lqzch	gepk	mg		Contains Lqzhm and Vqz.	hmse		2		1										
47	48	Lqzch	gepk	mg		Broken ground. Fault?	hmse		<1		<1										
48	49	Lqzdm	pkge	cg		Contains Vqz and Lqzch	hmch		<1		<1										
49	50	Lqzdm	pkge	cg			hmch		no		no										
50	51	Lqzch	gepk	fg		Contains Lqzdm chips	hmch		1		no										
51	52	Lqzch	gepk	fg		Contains Lqzdm chips	hmch		no		no										
52	53	Lqzch	gepk	fg		Contains Lqzdm chips	hmch		2		no										
53	54	Lqzch	gepk	fg			ch		2		no										
54	55	Lqzse	gepk	mg		Clotted chlorite and haematite	sechhm		2		no										
55	56	Lqzse	gepk	mg		Clotted chlorite and haematite	sechhm		<1		<1										
56	57	Lqzch	gepk	mg		Clotted chlorite and haematite and chips of Lqzdm	sechhm		<1		<1										
57	58	Lqzse	gepk	mg		Clotted chlorite and haematite	sechhm		5		1										
58	59	Lqzse	gepk	mg		Clotted chlorite and haematite	sechhm		5		1										
59	60	Lqzch	gepk	fg		Contains chips of Lqzdm	chhm		4		<1										
60	61	Lqzch	gepk	fg		Chips of Lqzdm abundant	chhm		4		<1										
61	62	Lqzch	gepk	fg		Contains chips of Lqzdm	chhm		4		<1										
62	63	Lqzch	gepk	fg		Contains chips of Lqzdm	chhm		4		<1										
63	64	Lqzch	ge	fg			ch		3		<1										
64	65	Lqzch	ge	fg			ch		3		<1										
65	66	Lqzch	ge	fg			ch		3		<1										
66	67	Lqzch	ge	fg			ch		3		<1										
67	68	Lqzch	ge	fg			ch		1		<1										
68	69	Lqzch	ge	fg			ch		2		no										
69	70	Lqzch	ge	fg			ch		<1		no										
70	71	Lqzch	ge	fg			ch		<1		no										
71	72	Lqzch	ge	fg			ch		2		no										
72	73	Lqzch	ge	fg			chse		3		<1										
73	74	Lqzch	ge	fg			chsehm		2		no										

278123

Project: Open Cut Potential

Prospect: West Lyell

Hole Number: 97WLC0783

Major			Lithology				Alteration		Mineralisation				Structure & Veining			Mag Sus (x10 <sup>-5</sup> 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	Lqzch	gepk	mg			chschm		4		<1										
75	76	Lqzch	gepk	mg			chschm		4		<1										
76	77	Lqzch	gepk	mg			chschm		2		no										
77	78	Lqzch	gepk	mg			chschm		<1		no										
78	79	Lqzch	gepk	mg			chschm		1		no										
79	80	Lqzch	gepk	mg			chschm		1		no										
80	81	Lqzch	ge	fg			ch		<1		<1										
81	82	Lqzch	ge	fg			ch		no		no										
82	83	Lqzch	ge	fg			ch		1		no										
83	84	Lqzch	gepp	mg		Chips of Lqzhm	ch		no		no										
84	85	Lqzch	gepp	mg		Chips of Lqzhm	ch		no		no										
85	86	Lqzch	gepp	mg		Plentiful chips of Lqzhm	chhm		no		<1										
86	87	Lqzse	gepk	mg		Lqzse with abundant hm	chlmse		1		no										
87	88	Lqzse	gepk	mg		Lqzse with abundant hm	chlmse		1		no										
88	89	Lqzhm	ppgy	mg		Abundant hm	sesichm		1		no										
89	90	Lqzhm	ppgy	mg		Abundant hm	sesichm		1		no										
90	91	Lqzhm	ppgy	mg		Abundant hm	sesichm		1		no										
91	92	Lqzhm	ppgy	mg		Abundant hm	sesichm		no		no										
92	93	Lqzch	ge	mg		Contains Vqz	sesichm		no		no										
93	94	Lqzch	ge	mg		Contains Vqz	sech		no		no										
94	95	Lqzch	ge	mg			sech		no		no										
95	96	Lqzch	ge	mg			sech		no		no										
96	97	Lqzch	ge	mg			sechhm		1		no										
97	98	Lqzse	pkgy	mg		Strongly haematitic	sechhm		1		no										
98	99	Lqzse	pkgy	mg		Strongly haematitic	sechhm		1		no										
99	100	Lqzse	pkgy	mg		Strongly haematitic	sechhm		1		no										
100	101	Lqzse	pkgy	mg		Strongly haematitic	sehm		<1		<1										
101	102	Lqzse	pkge	mg			sechhm		no		no										
102	103	Lqzse	pkge	mgfg			sechhm		no		no										
103	104	Lqzch	pkge	mgfg			sechhm		<1		<1										
104	105	Lqzch	pkge	mgfg			sechhm		no		no										
105	106	Lqzch	pkge	mgfg			sechhm		<1		no										
106	107	Lqzse	pkgy	mgfg		Strongly haematitic. Minor Vqz	sechhm		<1		no										
107	108	Lqzse	pkgy	mgfg		Strongly haematitic. Minor Vqz	sechhm		<1		<1										
108	109	Lqzse	pkgy	mgfg		Contains large pp chips of Lqzhm	sechhm		<1		1										
109	110	Lqzse	pkgy	mgfg		Contains large pp chips of Lqzhm	sehm		1		2										
110	111	Lqzse	pkgy	mgfg		Contains large pp chips of Lqzhm	sehm		1		1										

Geologist: J.S. Lawrence

Date 23-28/97

Page 3 of 4

278124

Project: Open Cut Potential

Prospect: West Lyell

Hole Number: 97WLC0783

Major			Lithology				Alteration		Mineralisation					Structure & Veining		Mag Sus (x10 <sup>-4</sup> cgs)					
From (m)	To (m)	Code	Colour	Gr. Size	Texture	Description	Code	Description	py %	Agile	cp %	Agile	%	%	Depth (m)	Code	Description	Depth (m)	Core	Pulp	Check
111	112	Lqzhm	pk	mgeg		Minor water.	hmsech		<1		<1										
112	113	Lqzse	pk	mgeg		Fractured ground large chips.	hmsech		1		1										
113	114	Lqzse	pk	mgeg			sehm		<1		<1										
114	115	Lqzse	pk	mgeg			sehm		2		<1										
115	116	Lqzse	pk	mgeg			sehm		no		no										
116	117	Lqzse	pk	mgeg			sehm		<1		<1										
117	118	Lqzse	pk	mgeg		Slightly chloritic	sehmch		<1		<1										
118	119	Lqzhm	pkgy	mgeg		Abundant specular haematite.	sehm		<1		<1										
119	120	Lqzse	pkgy	fgmg		Abundant specular haematite.	sehmch		<1		<1										
120	121	Lqzse	pkgy	fgmg		Abundant specular haematite.	sdhmch		1		1										
121	122	Lqzse	pkgy	fgmg		Abundant specular haematite.	sehm		<1		1										
122	123	Lqzse	pkgy	fgmg		Abundant specular haematite	sehm		1		1										
123	124	Lqzse	pkgy	fgmg		Contains chunks of Ost?	sehm		<1		<1										
124	125	Lqzse	pkgy	fgmg		Contains chunks of Ost?	sehmch		no		no										
125	126	Lqzch	ge	fg		Minor Lqzhm	chhm		<1		<1										
126	127	Lqzch	ge	fg		Minor Lqzhm	chhm		<1		no										
127	128	Lqzch	ge	fg			chhmse		<1		no										
128	129	Lqzch	ge	fg		Contains Vqzsd.	ch		<1		no										
129	130	Lqzch	ge	fgcg		Contains Vqzsd.	chsi		no		no										
130	131	Lqzse	pkgy	mg		Contains pp chips of Lqzhm	sehm		<1		<1										
131	132	Lqzse	pkgy	mg			sehm		no		no										
132	133	Lqzse	pkgy	fgmg			sehm		no		no										
133	134	Lqzse	pkgy	fgmg			sehmch		no		no										
134	135	Lqzse	pkgy	fgmg			sehmch		no		no										
135	136	Lqzse	ge	fgmg		Green sericite	sehmch		no		<1										
136	137	Lqzch	ge	fg		Quite silicified	sich		3		no										
137	138	Lqzse	gepk	fg		Possible Ocr chips	sise		no		no										
138	138.3	Ost	pk	mgeg		Small qz pebbles															
		EOH				Bit gauged hole ended in Ost															

278125