

ASSESSMENT REPORT ON DIAMOND DRILLING

ON

PACIFIC COMOX PROPERTY

POWELL TOWNSHIP

For Claims Optioned From

JKATE EXPLORATIONS Inc. and ROBERT MACCALLUM

District of LARDER LAKE, Ontario

UTM: 531,300N - 531,700N, 520,000E - 524,000E. UTM zone 17, NAD 83  
NTS 41/P15 42 A/2

By : J.D.Crossley P.Eng.

Mar-07

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## SUMMARY

A diamond drill program was carried out on the Ryan Lake property of Pacific Comox Resources under option from Extender Minerals during the summer of 2006. This was an extension of program carried out in 2005. Six holes were drilled on the northern portion of the property to test a molybdenite occurrence. Costs associated with these holes are being applied as assessment work for a group of claims optioned from JKATE Exploration Inc. and Robert MacCallum in Powell Twp.

Drilling was carried out by Yost Drilling, Inc., Kirkland Lake, Ontario. Core logging was completed by D. Crossley.

## LOCATION and ACCESS

The property lies 6 km northwest of the town of Matachewan on Hwy 566. Extender Minerals has been operating a barite mill on the property.

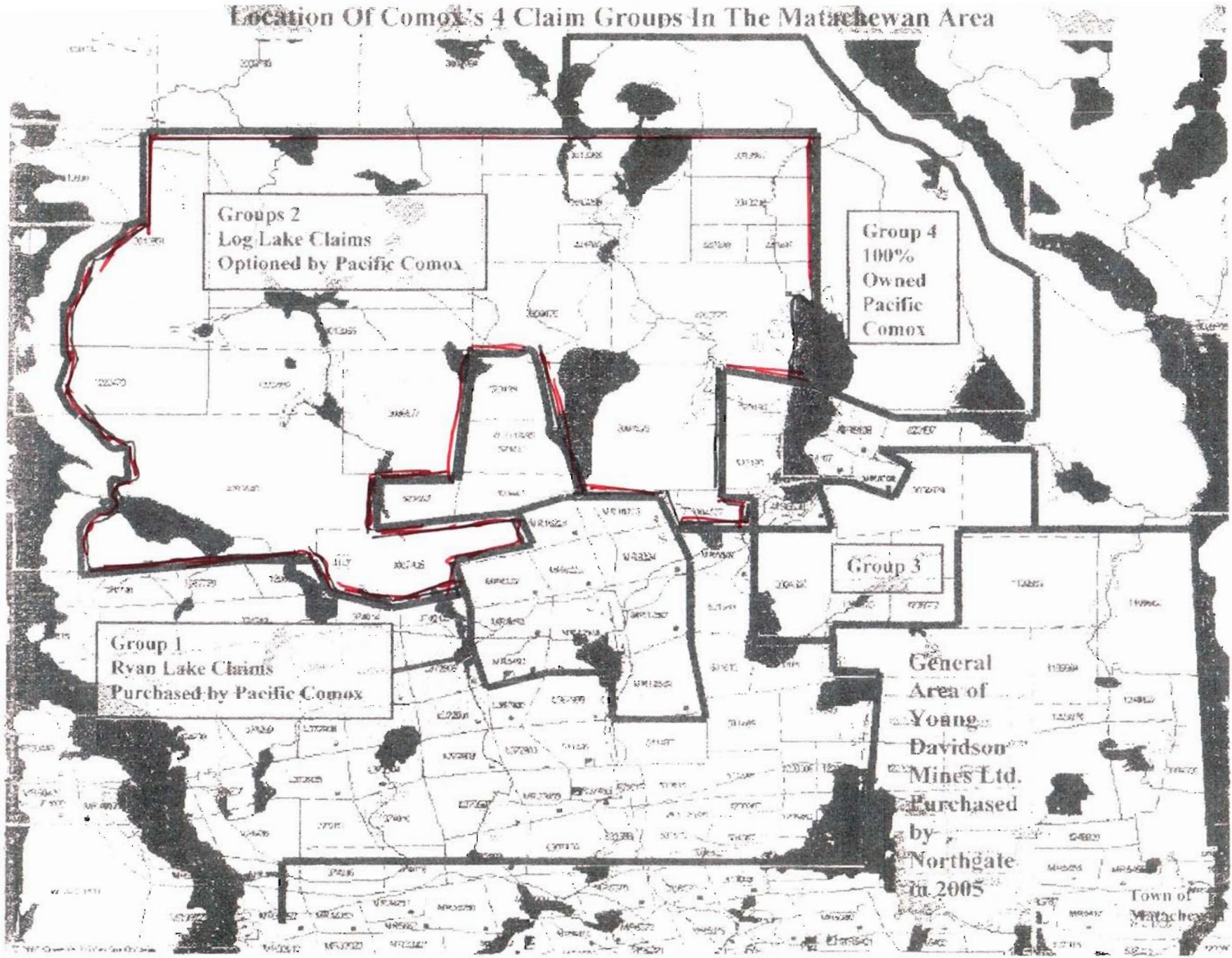
## HISTORY

1950–1957	Min-Ore Ltd.	Mined 169,490 tons @ 1.45 % Cu
1964	Pax International	Mined 6,000 tons 1.3% Cu, 0.4 % MoS <sub>2</sub>
1966–1967	Cominco option	Tested several areas outside the mine zone by diamond drilling.
Unknown date		A small amount of Cu-Mo ore was mined in a pit in syenite porphyry about 1000 ft North of the shaft. Tonnage and grade not known.

## GEOLOGY

The property is underlain by Precambrian volcanic and sedimentary rocks. The general strike is easterly. Keewatin andesites occur in the central and northern part. A small peridotite mass overlies the andesite north of Ryan Lake, which in turn is overlain by sediments. A mass of Algonian syenite porphyry intrudes the andesite north of the peridotite and hosts a molybdenite showing called the north porphyry zone. The youngest intrusive rocks in the area are represented by the Matachewan diabase dykes. They are generally oriented north-south.

**PACIFIC COMOX RESOURCES LTD.**  
**Location Of Comox's 4 Claim Groups In The Metchewan Area**



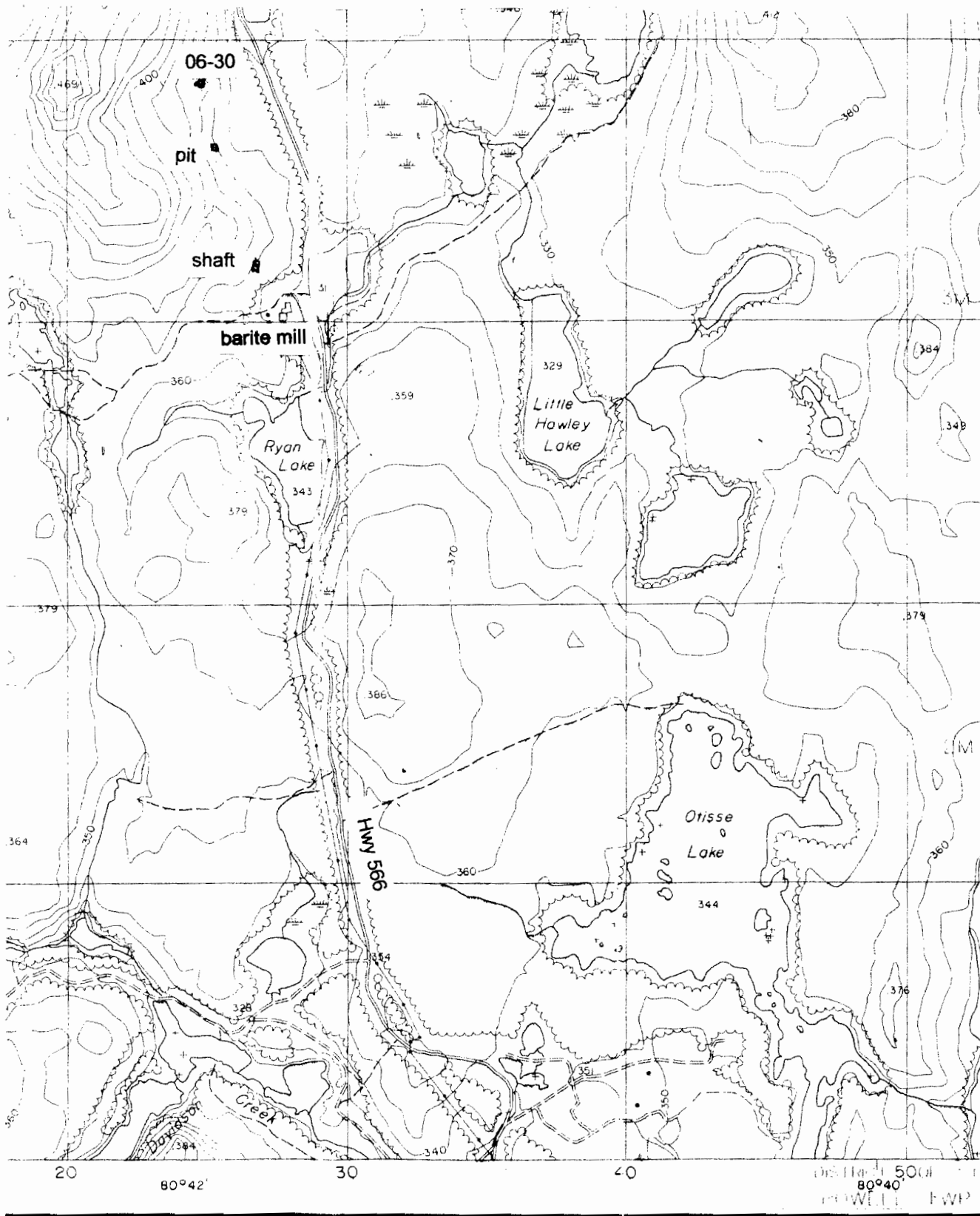
**CLAIM GROUP 2** Area Covered by this Assessment Report

Mining Claim Client Reports

		02	02			UNITS				
NICOL	4202535	2006-Jun-06	2008-Jun-06	A	100 %		\$ 800	\$ 0	\$ 0	\$ 0
POWELL	3004526	2003-May-27	2007-May-27	A	50 %	5	\$ 2,000	\$ 4,000	\$ 415	\$ 0
POWELL	3004527	2003-May-27	2008-May-27	A	50 %	1	\$ 400	\$ 1,200	\$ 0	\$ 0
POWELL	3004528	2003-May-27	2008-May-27	A	50 %	2	\$ 800	\$ 2,400	\$ 0	\$ 0
POWELL	3004529	2003-May-27	2008-May-27	A	50 %		\$ 1,451	\$ 4,949	\$ 0	\$ 0
POWELL	3006670	2004-Jun-08	2008-Jun-08	A	50 %	4	\$ 1,600	\$ 3,200	\$ 0	\$ 0
POWELL	3006677	2004-Jun-08	2007-Jun-08	A	50 %	6	\$ 2,400	\$ 2,400	\$ 0	\$ 0
POWELL	3013229	2005-Sep-12	2007-Sep-12	A	50 %	5	\$ 2,000	\$ 0	\$ 0	\$ 0
POWELL	3013230	2005-Sep-12	2007-Sep-12	A	50 %	2	\$ 800	\$ 0	\$ 0	\$ 0
POWELL	3013950	2005-May-10	2007-May-10	A	50 %	16	\$ 6,400	\$ 0	\$ 0	\$ 0
POWELL	3013951	2005-May-10	2007-May-10	A	50 %	7	\$ 2,800	\$ 0	\$ 0	\$ 0
POWELL	3013955	2005-Jul-07	2007-Jul-07	A	50 %	3	\$ 1,200	\$ 0	\$ 0	\$ 0
POWELL	3013967	2005-Sep-19	2007-Sep-19	A	50 %	2	\$ 800	\$ 0	\$ 0	\$ 0
POWELL	3013968	2005-Sep-19	2007-Sep-19	A	50 %	3	\$ 1,200	\$ 0	\$ 0	\$ 0
POWELL	4203540	2005-Feb-09	2008-Feb-09	A	50 %	12	\$ 4,800	\$ 4,800	\$ 0	\$ 0
POWELL	4208017	2006-Jan-20	2008-Jan-20	A	50 %	4	\$ 1,600	\$ 0	\$ 0	\$ 0
POWELL	4209218	2005-Dec-23	2007-Dec-23	A	100 %	5	\$ 2,000	\$ 0	\$ 0	\$ 0
POWELL	4211876	2006-Oct-10	2008-Oct-10	A	50 %	2	\$ 800	\$ 0	\$ 0	\$ 0
POWELL	4211877	2006-Oct-10	2008-Oct-10	A	50 %	4	\$ 1,600	\$ 0	\$ 0	\$ 0
POWELL	4217609	2007-Jan-26	2009-Jan-26	A	50 %	7	\$ 2,800	\$ 0	\$ 0	\$ 0
POWELL	441846	1975-Sep-22	2007-Feb-28	A	100 %	1	\$ 400	\$ 4,400	\$ 0	\$ 0
POWELL	442488	1975-Nov-28	2007-Feb-28	A	100 %	1	\$ 372	\$ 4,428	\$ 0	\$ 0
POWELL	442489	1975-Nov-28	2007-Feb-28	A	100 %	1	\$ 296	\$ 4,504	\$ 0	\$ 0
POWELL	4203538	2005-Mar-17	2007-Mar-17	A	100 %		\$ 400	\$ 0	\$ 0	\$ 0

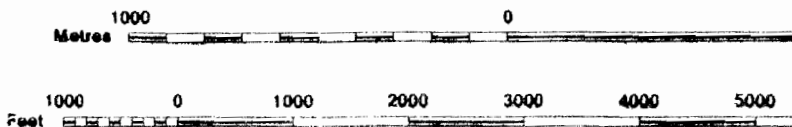
PACIFIC COMOX RESOURCES LTD.

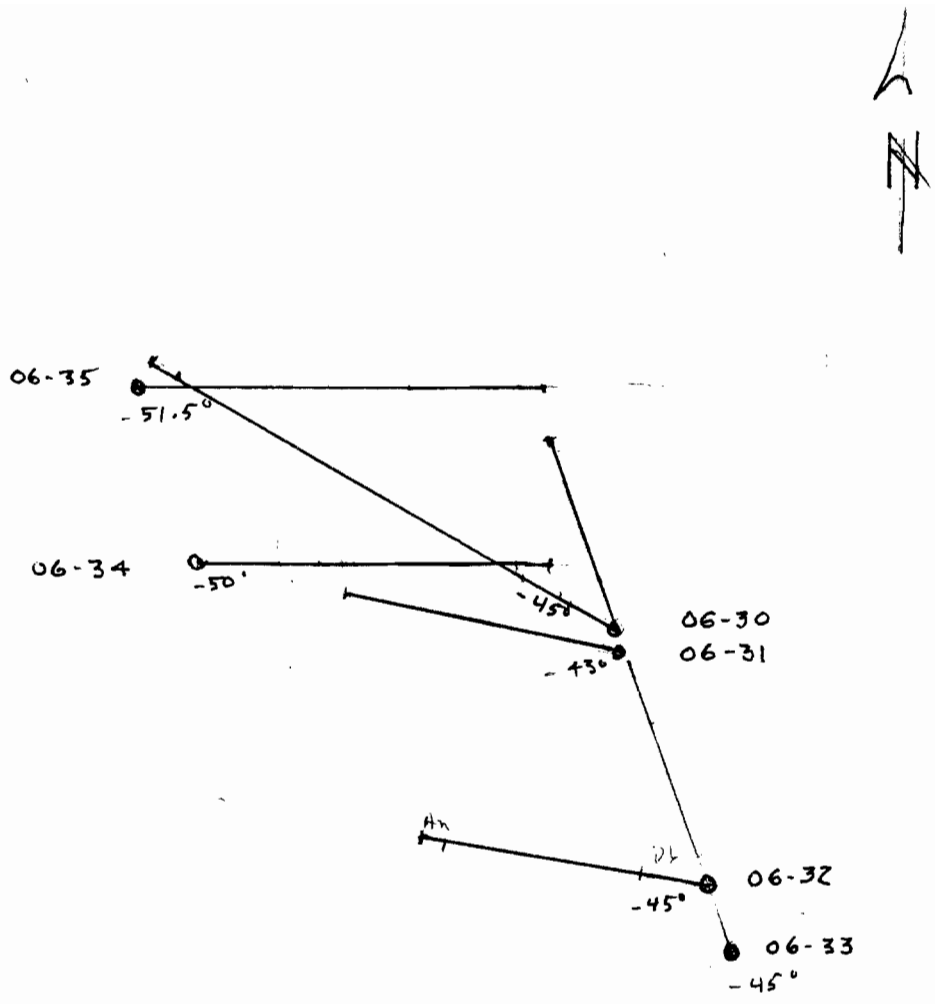
MATACHEWAN Ont.



MAP SHOWING DRILLING LOCATION

Scale 1:20 000





PACIFIC COMOX RESOURCES

DIAMOND DRILL HOLES

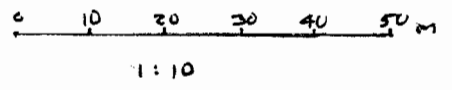


Fig 4

**References:**

**Ariz, Jim F.**

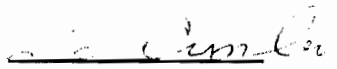
**Report on Ryan Lake Copper-Molybdenum  
property, Matachewan, Ontario, Oct.20, 1978**



## STATEMENT OF QUALIFICATIONS

I, J Daniel Crossley, of the town of Maple, in the province of Ontario hereby certify as follows concerning my report on the Pacific Comox property in Powell Township, dated March 21, 2007.

- 1 I graduated from the University of Toronto in 1954 with a Bachelor of Applied Science degree in Applied Geology.
- 2 I have over 35 years of work in the mining industry
- 3 I do not have any direct or indirect interest in the property

  
J Daniel Crossley

Dated at Maple, Ontario, on March 21, 2007



## Ryan Lake-Pacific Comox

## DIAMOND DRILL LOG

Hole No. 06-30

Page 2 of 3

Depth		Rock type	Description	Sample			m Length	g Au	gm Ag	g Cu	% Co
From	To			No.	From	To					
			25-28 Same shearing, chloritic. Sparse Py								
				187	19.0	20.5	1.5	-	0.1	0.002	0.04
			28.0 3 cm fragmented qtz vein with Mo								
			29.5 chlorite fracture + Moly.	188	20.5	22.0	1.5	-	0.1	.002	.001
			29.7-30.0 Rough fracture with good + Moly 30° CA	189	22.0	23.5	1.5	-	0.1	.001	.001
			31.0 Fragmented qtz with moly								
			32.0-32.5 Some frag. qtz + moly	190	23.5	25.0	1.5	-	0.1	.001	.001
			33-34.5 Some crushing, chloritic								
			36.8-37.5 chloritic fracture low CA. broken core	191	25.0	26.5	1.5	-	0.1	.001	.001
			36-39 sheared, chloritic	192	26.5	28.0	1.5	-	0.3	.001	.015
			39.0 strong slip 20° CA. chl + Moly								
			41.5-43.5 Sheared.	193	28.0	29.5	1.5	0.01	0.1	.003	.003
			41.8 Moly fracture 25° CA								
			42.9 15 ml qtz-chl with moly 55° CA.	194	29.5	31.0	1.5	-	0.3	.001	.066
			43.3 Moly + spx								
			43.3-46.3 More massive, chlorite shears, no moly. Numerous fine qtz fractures	195	31.0	32.5	1.5	-	0.1	.002	.039
				196	32.5	34.0	1.5	-	0.1	.001	.003
			46.3-47.2 Sheared								
			48.2 - Moly	197	34.0	35.5	1.5	-	0.2	.001	.003
			48.5 Becoming darker, chloritized								
			49.5-50.7 Dark green, partially digested by mafic dike. Fine qtz frags	198	35.5	37.0	1.5	-	0.1	.001	.014
			50.5-53.5 Sheared chloritic	199	37.0	38.5	1.5	-	0.3	.001	.141
			52.6-53.0 Fracts with moly								
			57.0 qtz chl. stringer 40° CA with moly chlorite frags 20° CA + a little moly	200	38.5	40.0	1.5	0.01	0.1	.001	.014
			57.6-57.8 chlorite seams, blacky a little moly	201	40.0	41.5	1.5	-	0.1	.001	.003
			58 Porphyry, some zones slightly sheared. Old chloritic slip with a little moly	202	41.5	43.0	1.5	0.01	0.3	.001	.225
				203	43.0	44.5	1.5	0.23	0.4	.011	.020
			63.7 chl. slip, blebs moly								
			65-69 Some shearing, chlorite filling	204	44.5	46.0	1.5	-	0.1	.001	.006









Ryan Lake-Pacific Comox											Drill Log	
DIAMOND DRILL LOG											Hole No. 06-32	
											Page 2 of 2	
Depth		Rock type	Description	Sample		m Length	Au	g Ag	% Cu	% Mo	Zn	
From	To			No.	From							To
			27.0 Chloritic fracture 25° CA, A little Moly									
			27.0-27.7 Numerous fine qtz fractures									
			30.1-30.2 Qtz stringer, moly blebs	227	37.0	38.5	1.5	-	.1	.004	.026	
			37.20 Occas qtz fracture with moly									
			38.6 Chlorite slip 15° CA with moly	228	38.0	40.0	1.5			.003	.021	
			39.4 chl slip, moly									
			40.8 Increased shearing, some moly.	229	40.0	41.5	1.5			.006	.009	
			41.7-42.1 Dark, chloritized, Mo									
				230	41.5	43.0	1.5			.007	.008	
			48. - 49 Becoming darker, chloritized									
				231	43.0	44.5	1.5			.006	.026	
			49 - 50 Highly altered.									
				232	44.5	46.0	1.5			.008	.013	
49	50	Andesite	Med. grey-green, fine grained siliceous	233	46.0	47.5	1.5			.003	.016	
	50		End of Hole	234	47.5	49.0	1.5			.007	.005	













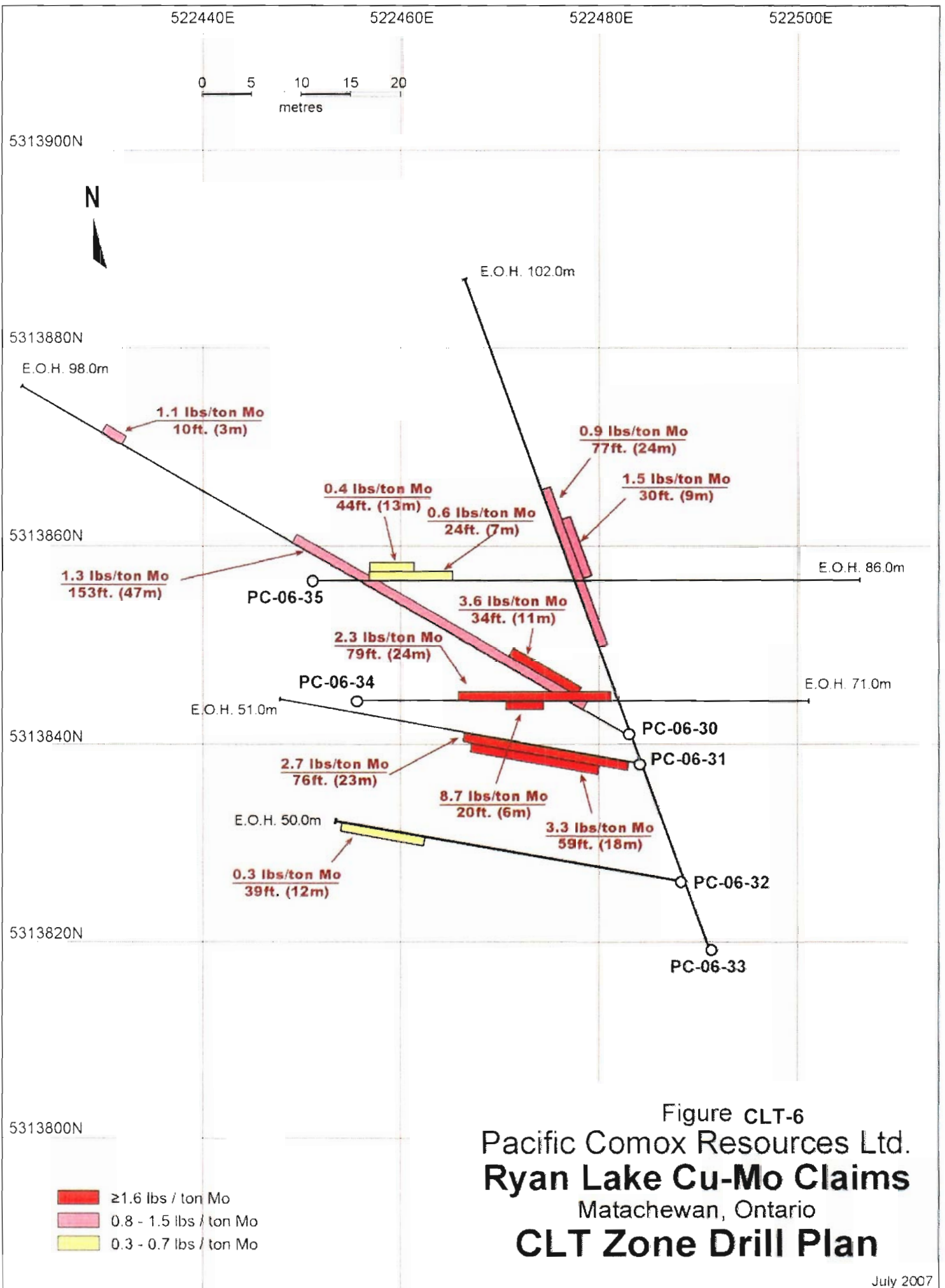






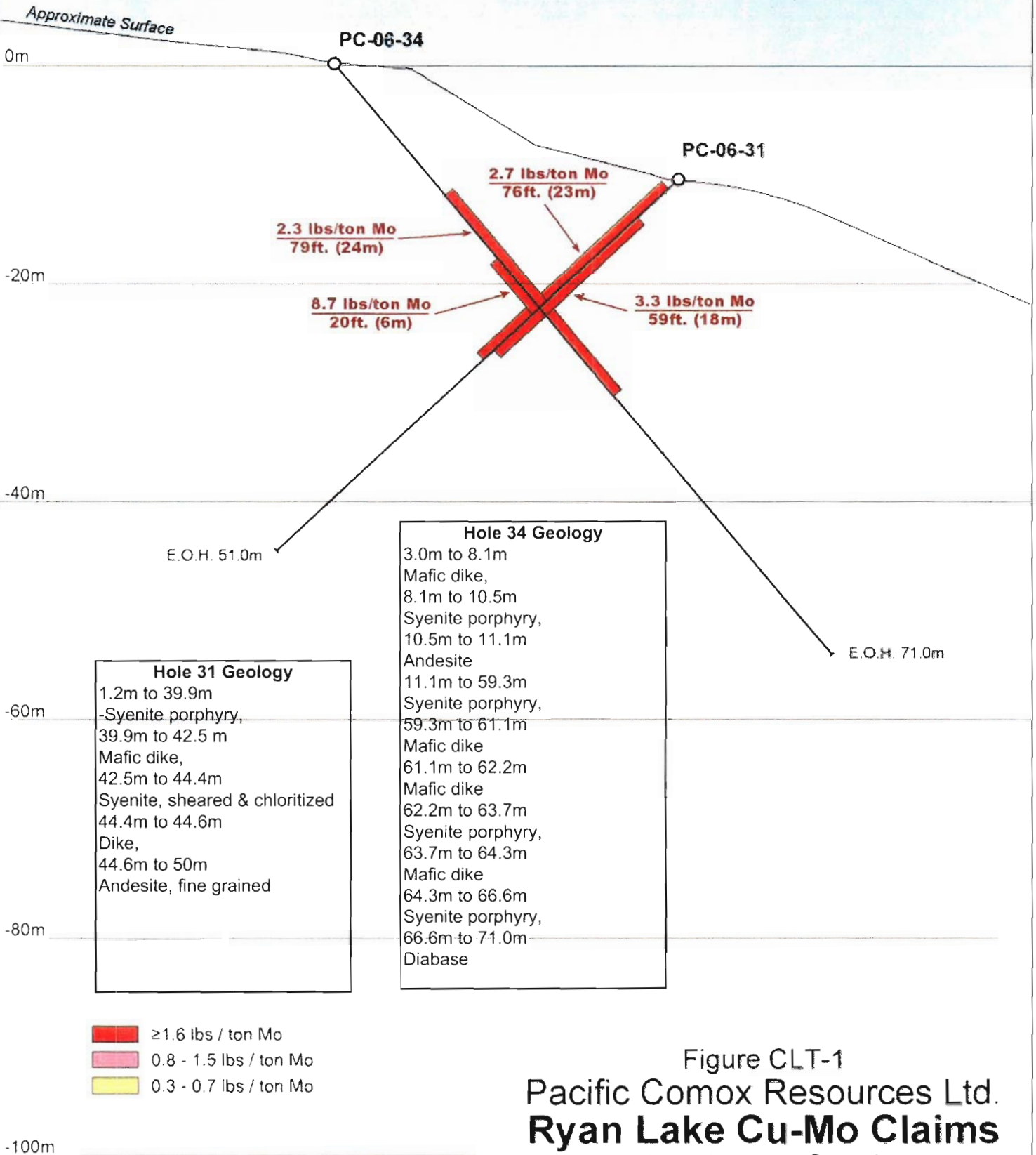






W (270°)

E (90°)



**Hole 31 Geology**  
 1.2m to 39.9m  
 -Syenite porphyry,  
 39.9m to 42.5 m  
 Mafic dike,  
 42.5m to 44.4m  
 Syenite, sheared & chloritized  
 44.4m to 44.6m  
 Dike,  
 44.6m to 50m  
 Andesite, fine grained

**Hole 34 Geology**  
 3.0m to 8.1m  
 Mafic dike,  
 8.1m to 10.5m  
 Syenite porphyry,  
 10.5m to 11.1m  
 Andesite  
 11.1m to 59.3m  
 Syenite porphyry,  
 59.3m to 61.1m  
 Mafic dike  
 61.1m to 62.2m  
 Mafic dike  
 62.2m to 63.7m  
 Syenite porphyry,  
 63.7m to 64.3m  
 Mafic dike  
 64.3m to 66.6m  
 Syenite porphyry,  
 66.6m to 71.0m  
 Diabase




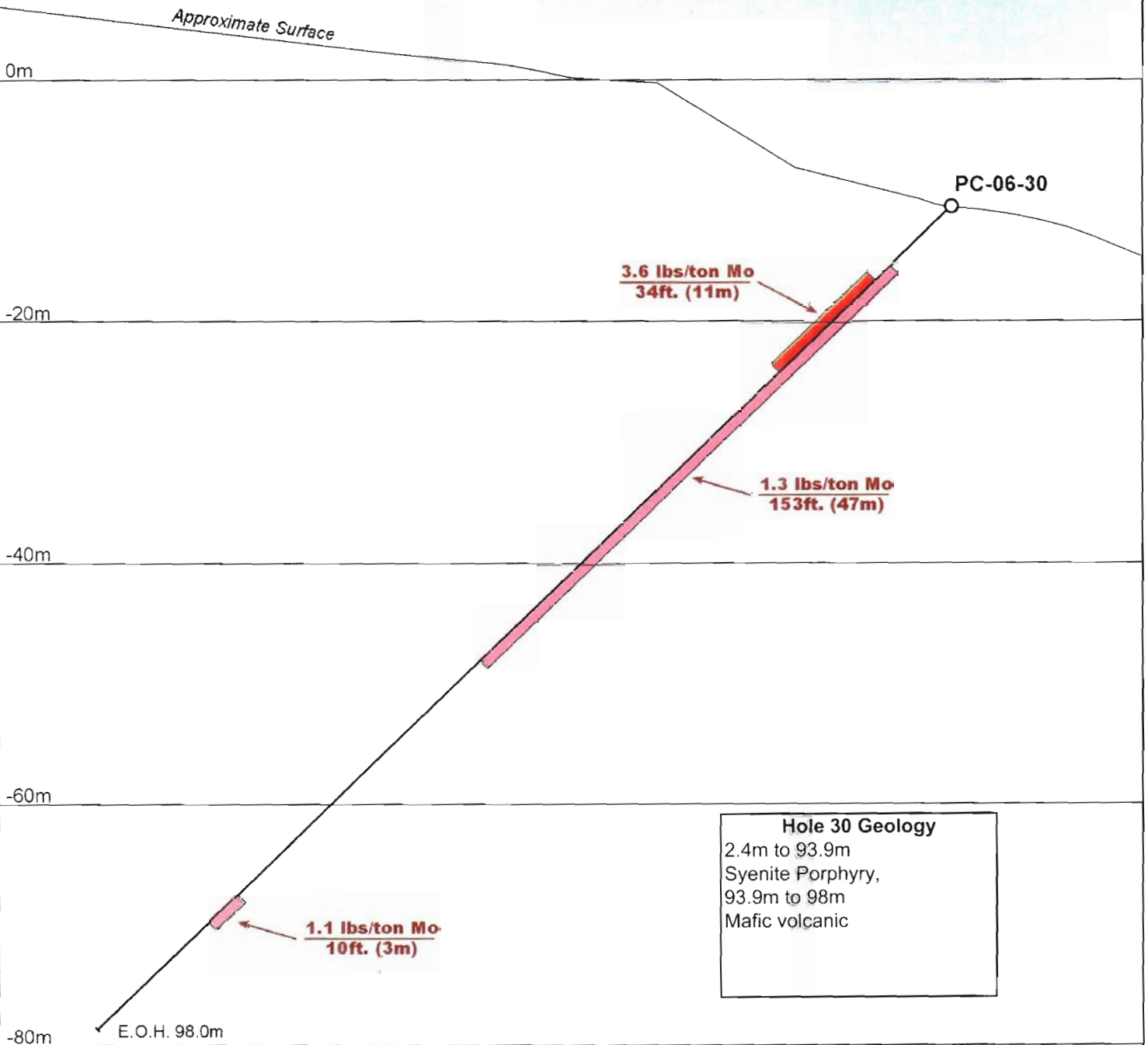
 ≥1.6 lbs / ton Mo  
 0.8 - 1.5 lbs / ton Mo  
 0.3 - 0.7 lbs / ton Mo

Figure CLT-1  
 Pacific Comox Resources Ltd.  
**Ryan Lake Cu-Mo Claims**  
 Matachewan, Ontario  
**Cross Section**  
**PC-06-31, 34**  
 Looking North

0 5 10 15 20  
 metres

W (300°)

E (120°)



**Hole 30 Geology**  
 2.4m to 93.9m  
 Syenite Porphyry,  
 93.9m to 98m  
 Mafic volcanic

- ≥1.6 lbs / ton Mo
- 0.8 - 1.5 lbs / ton Mo
- 0.3 - 0.7 lbs / ton Mo

-100m

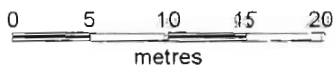


Figure CLT-2  
 Pacific Comox Resources Ltd.  
**Ryan Lake Cu-Mo Claims**  
 Matachewan, Ontario  
**Cross Section**  
**PC-06-30**  
 Looking North



NW (340°)

SE (160°)

0m

PC-06-33

-20m

-40m

-60m

-80m

E.O.H. 102.0m

**0.9 lbs/ton Mo**  
77ft. (24m)

**1.5 lbs/ton Mo**  
30ft. (9m)

**Hole 33 Geology**  
2.1m to 19.9m  
Diabase  
19.9m to 102m  
Syenite Porphyry

- ≥1.6 lbs / ton Mo
- 0.8 - 1.5 lbs / ton Mo
- 0.3 - 0.7 lbs / ton Mo

-100m

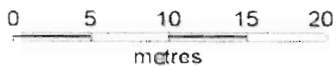
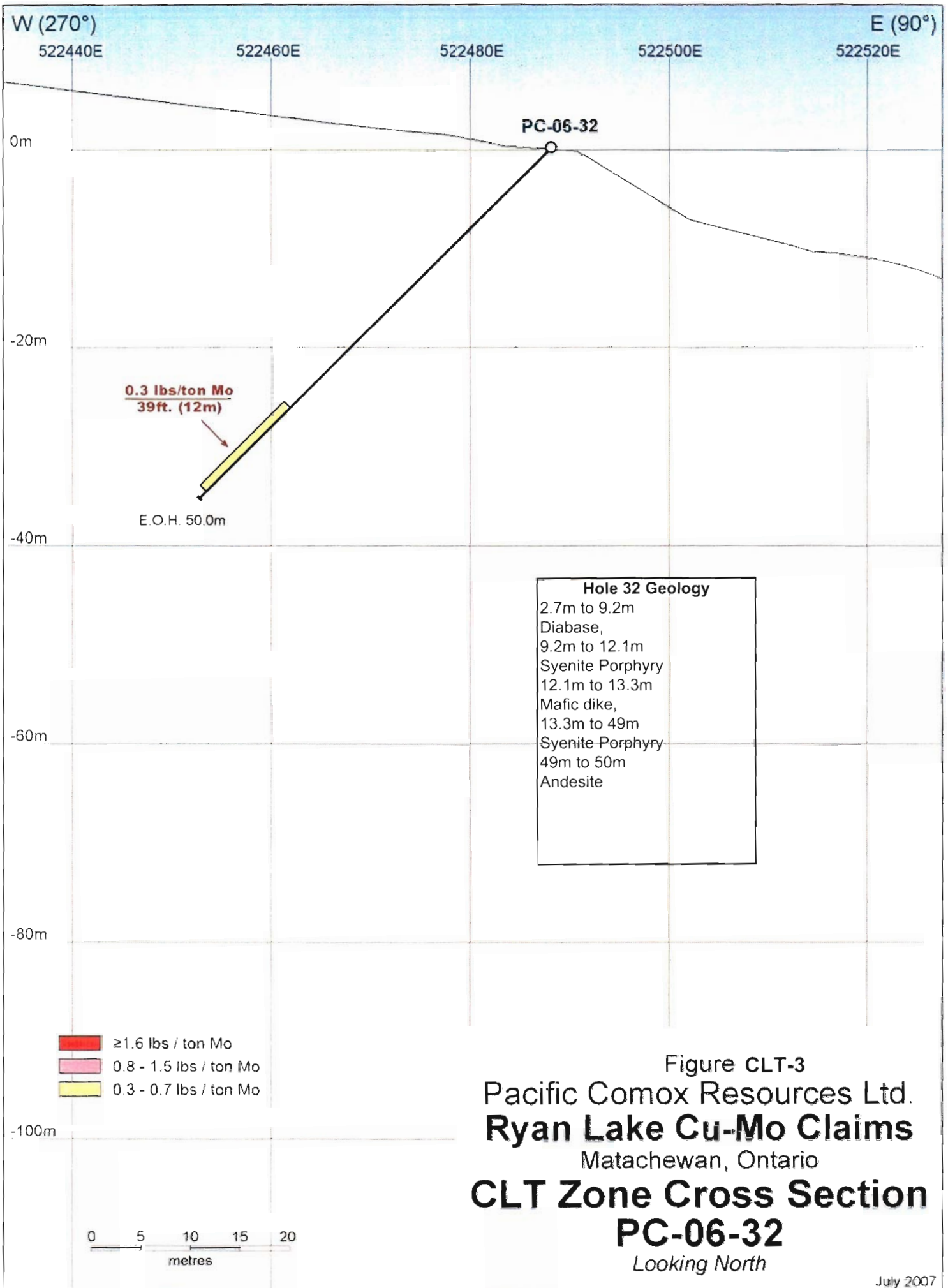


Figure CLT-4  
Pacific Comox Resources Ltd.  
**Ryan Lake Cu-Mo Claims**  
Matachewan, Ontario  
**CLT Zone Cross Section**  
**PC-06-33**  
Looking Northeast





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# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

## Assay Certificate

**6W-2432-RA1**

Company: **PACIFIC COMOX RESOURCES LTD.**  
Project: **Ryan Lake**  
Attn: **D.Crossley**

Date: **AUG-23-06**

*We hereby certify* the following Assay of 48 Core samples submitted AUG-15-06 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu ‰	Mo ‰
45179	Nil	-	0.1	0.006	0.005
45180	0.03	-	0.1	0.007	0.178
45181	0.50	0.32	0.2	0.080	0.66
45182	Nil	-	0.1	0.013	0.021
45183	Nil	-	0.1	0.001	0.006
45184	Nil	-	0.1	0.001	0.079
45185	Nil	-	0.1	0.011	0.070
45186	0.04	0.11	0.2	0.028	0.234
45187	Nil	-	0.1	0.002	0.040
45188	Nil	-	0.1	0.002	0.001
45189	Nil	-	0.1	0.001	0.001
45190	Nil	-	0.1	0.001	0.001
45191	Nil	-	0.1	0.001	0.001
45192	Nil	-	0.3	0.001	0.015
45193	0.01	-	0.1	0.003	0.003
45194	Nil	-	0.3	0.001	0.066
45195	Nil	-	0.1	0.002	0.039
45196	Nil	-	0.1	0.001	0.003
45197	Nil	-	0.2	0.001	0.003
45198	Nil	-	0.1	0.001	0.017
45199	Nil	-	0.3	0.001	0.141
45200	0.01	-	0.1	0.001	0.014
45201	Nil	-	0.1	0.001	0.003
45202	0.01	-	0.3	0.001	0.225
45203	0.23	0.41	0.4	0.011	0.020
45204	Nil	-	0.1	0.001	0.003
45205	0.01	Nil	0.1	0.001	0.006
45206	Nil	-	0.1	0.001	0.017
45207	Nil	-	0.7	0.026	0.123
45208	Nil	-	0.1	0.002	0.013

Certified by *Denis Charley*





Established 1928

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Page 2 of 2

## Assay Certificate


6W-2432-RA1

Company: **PACIFIC COMOX RESOURCES LTD.**  
Project: **Ryan Lake**  
Attn: **D.Crossley**

Date: AUG-23-06

We hereby certify the following Assay of 48 Core samples submitted AUG-15-06 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu %	Mo %
45209	Nil	-	0.1	0.001	0.018
45210	0.01	-	0.1	0.002	0.069
45211	Nil	Nil	0.1	0.001	0.044
45212	Nil	-	0.4	0.034	0.005
45213	Nil	-	0.2	0.016	0.007
45214	Nil	-	0.6	0.119	0.243
45215	Nil	-	0.1	0.010	0.204
45216	Nil	-	0.1	0.004	0.024
45217	Nil	-	0.1	0.004	0.154
45218	Nil	-	0.2	0.013	0.086
45219	Nil	-	0.1	0.004	0.005
45220	0.05	0.07	0.2	0.032	0.400
45221	Nil	-	0.1	0.005	0.120
45222	Nil	-	0.1	0.004	0.271
45223	Nil	0.01	0.1	0.001	0.077
45224	Nil	-	0.1	0.001	0.004
45225	Nil	-	0.1	0.017	0.380
45226	Nil	-	0.1	0.001	0.024
Blank	Nil	-	-	-	-
STD OxJ47	2.32	-	-	-	-

Certified by 



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## Assay Certificate


6W-2496-RA1

Company: **PACIFIC COMOX RESOURECES LTD.**  
Project: **Ryan Lake**  
Attn: **D. Empey**

Date: AUG-28-06

We hereby certify the following Assay of 24 Core samples submitted AUG-22-06 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu %	Mo %
45227	Nil	-	0.1	0.004	0.026
45228	Nil	Nil	0.1	0.003	0.021
45229	Nil	-	0.1	0.006	0.009
45230	0.01	-	0.1	0.007	0.008
45231	Nil	-	0.1	0.006	0.026
45232	0.01	-	0.1	0.008	0.013
45233	Nil	-	0.1	0.003	0.016
45234	Nil	-	0.1	0.007	0.005
45235	0.28	0.35	4.5	0.290	0.234
45236	Nil	-	0.1	0.002	0.002
45237	Nil	-	0.1	0.002	0.001
45238	Nil	-	0.1	0.001	0.001
45239	Nil	-	0.1	0.001	0.001
45240	Nil	-	0.1	0.001	0.001
45241	Nil	-	0.1	0.002	0.021
45242	0.09	-	0.1	0.005	0.141
45243	0.19	0.15	0.1	0.004	0.011
45244	0.08	-	0.8	0.023	0.041
45245	Nil	-	0.1	0.003	0.015
45246	0.05	-	0.3	0.007	0.135
45247	0.03	-	0.3	0.002	0.097
45248	Nil	-	0.1	0.003	0.003
45249	Nil	-	0.1	0.009	0.010
45250	Nil	-	0.1	0.002	0.004
Blank	Nil	-	-	-	-
STD OxJ47	2.34	-	-	-	-

Certified by 

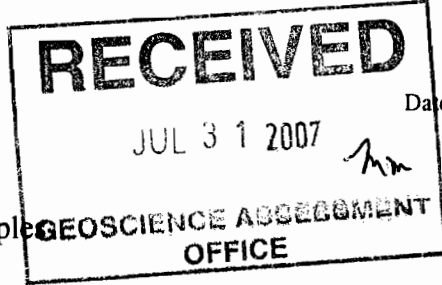


Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

## Assay Certificate



6W-2534-RA1

Date: AUG-30-06

Company: **PACIFIC COMOX**  
Project: Ryan Lake  
Attn: D. Empey

We hereby certify the following Assay of 25 Core samples submitted AUG-24-06 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu %	Mo %
45251	0.01	-	0.3	0.002	0.007
45252	0.02	0.03	0.1	0.002	0.012
45253	0.01	-	0.2	0.004	0.004
45254	Nil	-	0.2	0.002	0.001
45255	Nil	-	0.2	0.073	0.006
45256	0.03	-	0.2	0.005	0.047
45257	Nil	-	0.1	0.003	0.102
45258	0.08	-	0.7	0.002	1.23
45259	Nil	-	0.4	0.003	0.352
45260	Nil	-	0.2	0.002	0.023
45261	Nil	0.01	0.1	0.003	0.031
45262	Nil	-	0.1	0.002	0.005
45263	Nil	-	0.1	0.002	0.008
45264	Nil	-	0.1	0.002	0.021
45265	Nil	-	0.1	0.003	0.011
45266	0.01	-	0.5	0.016	0.011
45267	0.02	-	0.2	0.021	0.029
45268	Nil	-	0.2	0.040	0.029
45269	Nil	-	0.1	0.014	0.014
45270	0.01	-	0.3	0.017	0.040
45271	0.02	-	0.7	0.002	0.045
45272	Nil	-	0.2	0.002	0.013
45273	Nil	-	0.1	0.002	0.001
45274	Nil	-	0.1	0.002	0.001
45275	Nil	-	0.3	0.002	0.003
Blank	Nil	-	-	-	-
STD OxJ47	2.31	-	-	-	-

Certified by *Denis Charney*