

THE CORNWALL COAL COMPANY NO LIABILITY

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99 GEORGE STREET, LAUNCESTON, TASMANIA

P.O. BOX 62, LAUNCESTON 7250

16th, May 1990.

Department of Mines,
P.O. Box 56,
ROSNY PARK TAS 7018.

Dear Sirs,

E/L 50/82 Final Report

Following the drilling of two more holes in the St. Pauls River Valley surrounds, it has been decided to surrender this licence.

The original work programme outlined in October 1988 when the boundaries of this licence were revised (to exclude areas integrated from 26/84), was aimed at further examining coal bands intersected by Shell-I.M.I. and I.C.E. and also Cornwall in SP-DDH8A, SP-DDH12.

Hole SP-DDH13 intersected dolerite to its full depth of 96 metres where it was abandoned.

In the latest programme, hole SP-DDH14 was "open holed" to 38 metres and abandoned in scree and talus on 10.4.90.

Hole SP-DDH15 was "open holed" to 51.30 metres and cored to 129.0 metres after intersecting some thin poor quality coal bands.

Subsequent analysis showed the coal to be of low quality and specific energy.

Summary

In view of the generally poor results obtained throughout this programme the licence will be surrendered.

The conclusion is that this area is unlikely to be of economic potential for coal in the foreseeable future.

Appendices: logs SP-DDH14
SP-DDH15
analysis of SP-DDH15 coal bands.

No new tracks/roads were constructed. All drilling was beside existing tracks/roads. Sites were cleared at time of drilling.

Please advise what further steps are necessary to obtain return of the bond.

Yours faithfully,

Charles E. Peck
Commercial Manager.

90-3130

MINES	
File Ref.	E.L. 50/82
17 MAY 1990	
Doc. Ref.	
Action Officer	Initials
Refer to Cores	
16.5.90	
Responsible To	Date

OPEN FILE

005

	<u>Estimated Thickness (m)</u>	<u>Estimated Depth of Base of Stratum (m)</u>	<u>Remarks</u>
<u>COAL</u> , dull, stony	0.14	59.88	
CLAYSTONE, buff to dark brown, tuffaceous in part	0.38	60.26	
CLAYSTONE, buff, soft	0.40	60.66	
CLAYSTONE, dark brown/black, coaly in part	3.77	64.43	
<u>COAL</u> , dull, stony	0.54	64.97	
CLAYSTONE, green/grey, soft	0.18	65.15	
<u>COAL</u> , dull	0.46	65.61	
CLAYSTONE, brown, tuffaceous	0.05	65.66	
CLAYSTONE, grey to brown	0.36	66.02	
CLAYSTONE, black, carbonaceous to coaly	0.22	66.24	
CLAYSTONE, grey/green, soft	0.42	66.66	
<u>COAL</u> , dull to stony	0.25	66.91	
CLAYSTONE, grey/green	0.07	66.98	
<u>COAL</u> , dull with minor bright bands	0.57	67.55	
<u>COAL</u> , dull to stony	0.18	67.73	
CLAYSTONE, grey	0.13	67.86	
COAL, dull to stony	0.30	68.16	
MUDSTONE, grey	0.12	68.28	
CLAYSTONE, black, carbonaceous	0.17	68.45	
MUDSTONE, grey to grey/brown	6.15	74.60	

	<u>Estimated</u> <u>Thickness</u> <u>(m)</u>	<u>Estimated</u> <u>Depth of</u> <u>Base of</u> <u>Stratum</u> <u>(m)</u>	<u>Remarks</u>
SILTSTONE, grey, grading to fine, sandstone, occasional carbonaceous partings	1.24	75.84	
SANDSTONE, grey, fine grained, lithic	7.72	83.56	
CLAYSTONE, black, carbonaceous	0.04	83.60)	
<u>COAL</u> , dull	0.06	83.66)	COAL SEAM
CLAYSTONE, brown, ?tuffaceous	0.09	83.75)	SAMPLE RG101 83.56m TO
<u>COAL</u> , dull	0.25	84.00)	85.06m (1.50m)
CLAYSTONE, brown	0.03	84.03)	
COAL, dull	0.63	84.66)	
CLAYSTONE, brown	0.05	84.71)	
<u>COAL</u> , dull	0.21	84.92)	
CLAYSTONE, black to brown, carbonaceous	0.12	85.04)	
<u>COAL</u> , dull	0.02	85.06)	
MUDSTONE, grey	2.26	87.32	
SANDSTONE, grey, lithic, fine grained, some coaly partings and carbonaceous bands	18.56	105.88	
<u>COAL</u> , dull	0.07	105.95	
SANDSTONE, grey, medium grained	0.33	106.28	

	<u>Estimated Thickness (m)</u>	<u>Estimated Depth of Base of Stratum (m)</u>	<u>Remarks</u>
<u>COAL</u> , dull with minor bright bands	0.20	106.48	
SANDSTONE, grey, lithic	1.17	107.65	
<u>COAL</u> , dull	0.36	108.01)	
<u>COAL</u> , dull & bright	0.11	108.12)	COAL SEAM
)	
<u>COAL</u> , dull with minor bright bands	0.35	108.47)	0.92m
)	
CLAYSTONE, carbonaceous, dark brown with coaly lenses	0.10	108.57)	
)	
MUDSTONE, grey, grey/brown to green/grey, laminated in part	6.01	114.58	
SANDSTONE, grey, lithic, medium	5.99	120.57	
MUDSTONE, grey - grading to sandy mudstone	0.50	121.07	
<u>COAL</u> , dull, stony	0.56	121.63	
MUDSTONE, grey/brown	0.41	122.04	
<u>COAL</u> , dull	0.19	122.23)	
CLAYSTONE,	0.06	122.29)	COAL
<u>COAL</u> , dull with minor bright bands	0.63	122.92)	SEAM
)	1.29m
CLAYSTONE, brown - ?tuffaceous	0.02	122.94)	
)	

	<u>Estimated Thickness (m)</u>	<u>Estimated Depth of Base of Stratum (m)</u>	<u>Remarks</u>
<u>COAL</u> , dull with minor bright	0.39	123.33))	
MUDSTONE, grey/green	1.10	124.43	
<u>COAL</u> , dull with minor bright bands	0.24	124.67	
MUDSTONE, brown/grey, carbonaceous at top	4.33	129.00	

Total depth 129.00 metres.



Port Kembla

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FACSIMILE TRANSMISSION

TRANSMIT TO: McELROY BRYAN
GEOLOGICAL SERVICES

DATE: 4/5/1990

ATTENTION: Dr. John H. Bryan

FROM: Julie Pilkington

COPIES: ---

DEPARTMENT: SGS Port Kembla

SUBJECT: Analytical Results

This transmission comprises 1 page including this page.

MESSAGE: OUR REF: EP 513
YOUR REF: Raw Coal Analysis

The analyses were performed according to AUST standards.

SAMPLE: St Pauls River RG 101

Total Moisture (AR)	5.8	%
Moisture - air dried (AD)	2.9	%
Ash (AD)	55.9	%
Volatile Matter (AD)	17.9	%
Total Sulphur (AD)	0.21	%
Specific Energy (AD)	12.26	Mj/kg
Apparent Relative Density	1.80	
Weight as Received	3780	gms

Regards
Julie Pilkington