

First Annual Report
on
EL 14/2010 – MYALLA

Reporting Period: 14 September 2010 – 13 August 2011
Project Operator: ABx4 Pty Ltd
Address: Level 2, 131 Macquarie Street, Sydney, NSW, 2000
Author: Tamara Coyte
Date: 4 August 2011

COORDINATES ARE WGS84 (GDA94/MGA55)

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1 ABSTRACT

Objective:

Exploration Licence (EL) 14/2010 “Myalla” was applied for in order to facilitate an exploration program to discover economically viable deposits of bauxite associated with Tertiary Volcanics, in an area with old penepained surfaces preserved as plateaus. The goal of the program is to determine the quality and quantity of the bauxite in the area using an RC drill rig mounted on a light Mitsubishi 12 tonne truck.

Methodology:

1. Detailed geological mapping, including geomorphological mapping, to define the areas with best potential for bauxite.
2. Systematic sampling of natural outcrops and exposures in road cuts of lateritic weathering profile.
3. Chemical analyses of samples, including specialist analyses to determine total and available alumina, total and reactive quartz, loss on ignition and other analyses as required in bauxite search.
4. Drill testing of zones with best potential defined by work under 1, 2. and 3, by an RC drill rig mounted on a light Mitsubishi truck to get samples representing the whole lateritic weathering profile (from upper-most iron rich zone through alumina rich zone down into mottled and pallid saprolite zone).
5. Systematic drill testing at close spacings to obtain data for resource estimation in the best target areas defined by programme under 4.

Results:

Over the reporting period, a total of 37 holes were drilled totalling 198m. Only 5 out of 37 holes intersected high quality bauxite with an average thickness of 2.6m with a maximum of 3m of bauxite mineralisation. Because of the unique friable nature of this bauxite, many intercepts were not identified as bauxite and thus not assayed initially. Many more intercepts may have been missed. Holes drilled in the area were very short and no deep exploratory holes were drilled. In addition, no holes were drilled through the younger basalts. A total of 60 samples were sent to ALS Laboratory for sieved analysis and an extra 9 samples were assayed whole.

Recommendations for future work:

Recommendation for future work include further:

- Detailed geological mapping, including geomorphological mapping and study of satellite images to define the areas with the best potential for bauxite.
- Systematic sampling of natural outcrops and exposures in road cuts of lateritic weathering profile.
- Chemical analyses of samples, including specialist analyses to determine total and available alumina, total and reactive quartz, loss on ignition and sieving (+0.26mm) at 260 microns as required in bauxite search.

ABSTRACT Cont

- Drill testing of zones with best potential with an RC drill rig mounted on a light six wheel truck to get samples representing the whole lateritic weathering profile (from upper-most iron rich zone through alumina rich zone down into mottled and pallid saprolite zone).
- Detailed analysis of assay results to determine assaying strategy for future drilling.

2 INTRODUCTION

Exploration Rationale

Exploration Licence (EL) 14/2010 “Myalla” was applied for in order to facilitate an exploration program to discover economically viable deposits of bauxite associated with Tertiary Volcanics, in an area with old penepained surfaces preserved as plateaus. The goal of the program is to determine the quality and quantity of the bauxite in the area using an RC drill rig mounted on a light Mitsubishi 12 tonne truck.

Geological Setting

In the Myalla area, the occurrences of bauxite are located in areas with Tertiary basaltic volcanics.

Study of geomorphology based on a digital terrain model led the company’s geologist to the conclusion that Tertiary basaltic volcanics are preserved on remnants of old surface which form larger plateaus or smaller ‘mesas’.

Bauxite was formed during the Tertiary period when tropical climate prevailed (high rainfall and relatively high temperatures). Bauxite is present in the upper part of the ancient lateritic / saprolitic weathering profile. Except for the lateritic crust, ancient lateritic / saprolitic weathering profile is easily eroded because weathered rocks are soft.

However, under protective cover of Tertiary basaltic volcanics, large tonnages of bauxite may have been preserved. This concept is being tested by drilling.

The bauxite mineralization in the Myalla tenement is generally confined to hills, ridges and plateaus of bauxitised volcanoclastic deposits. The bauxite is not laterally continuous along the ridge tops and seems to form small pockets of bauxite. The original layer of bauxite may have been extensive but weathered away millions of years ago. The bauxite is generally 'clay like' friable and fine grained which makes it difficult to identify, but it is very Gibbsite rich and forms an irregular layer at the surface. The underlying zone is a Mottled Clay "Mottled Zone" and can have inclusions of bauxite within the zone but these cannot be extracted as ore. Sieving results for this area were very promising and drilling should continue sieving RC samples at 0.26mm.

Tenement Information

EL 14/2010 “Myalla” was granted on and from 14 September 2010 for a period of 5 years to ABx4 Pty Ltd (ABx4).

This is the First Annual Report for the reporting period 14 September 2010 - 13 August 2011 incorporating the results of work completed during the first year of tenure.

Total area of the Licence is 80 sq km and its Mineral Category is 1 – Metallic Minerals and Atomic Substances.

Location

The Myalla Tenement is located on the North West coast of Tasmania 10km west of Wynyard as seen in Map 1. The tenement is located on an old rail way and is 30km away from Burnie which has a large operating port. EL 14/2010 is also only 20km away from Port Latta (a privately owned port) which exports Iron ore from Savage River and has been downsizing operations creating excess capacity.

INTRODUCTION Cont

EL 14/2010 is close to the City of Burnie and Wynyard which could offer a wide range of services and skilled work force.



Map 1 – EL 14/2010 Myalla Location Map

Tenure, including joint venture details and title transfers

EL 14/2010 “Myalla” is 100% owned by ABx4 which is a 100% owned subsidiary of Australian Bauxite Limited.

3 REVIEW OF PREVIOUS WORK

Prior to Current Tenement

H.B. Owen found bauxite occurrences at Myalla which gave high alumina values in the hand augering program however the deposit was thought to consist of only small patches of bauxite.

- H.B. Owen, 1954, Bauxite in Australia, Bulletin 24

Exploration for Bauxite was conducted by C.R.A Exploration Pty Limited (**CRA**) in the late 1960s and early 1970s. CRA decided to relinquish its tenement in central northern Tasmania as no worthwhile results were obtained. The complete report can be found in Appendix A.

- Miss S.E. Close, June 1971, Final Report on Bauxite Search, Devonport E.L.
36/70 Tasmania, *CRA Exploration Pty Limited*

During Current Tenement

This is the first year of exploration in EL 14/2010.

4 EXPLORATION COMPLETED DURING THE REPORTING PERIOD

Literature Review

King's Deposit has a historical bauxite occurrence discussed in the book:

- H.B. Owen, 1954, Bauxite in Australia, Bulletin 24

The following report makes reference to Owen's book above citing a bauxite occurrence tested in Myalla.

- Miss S.E. Close, June 1971, Final Report on Bauxite Search, Devonport E.L. 36/70 Tasmania, *CRA Exploration Pty Limited*

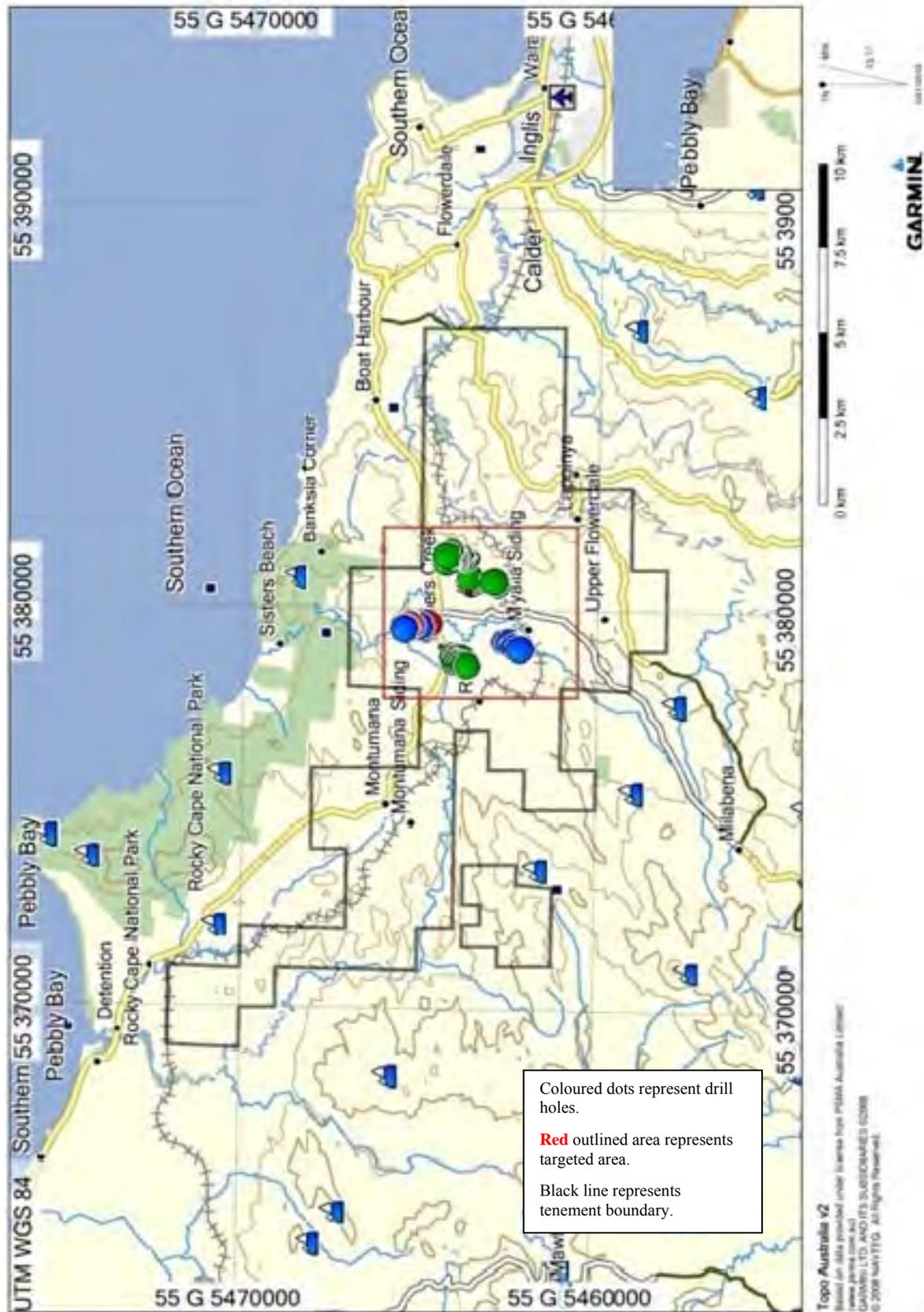
Regional Exploration Activities

Drilling and Sampling

Total 37 holes/ 198m

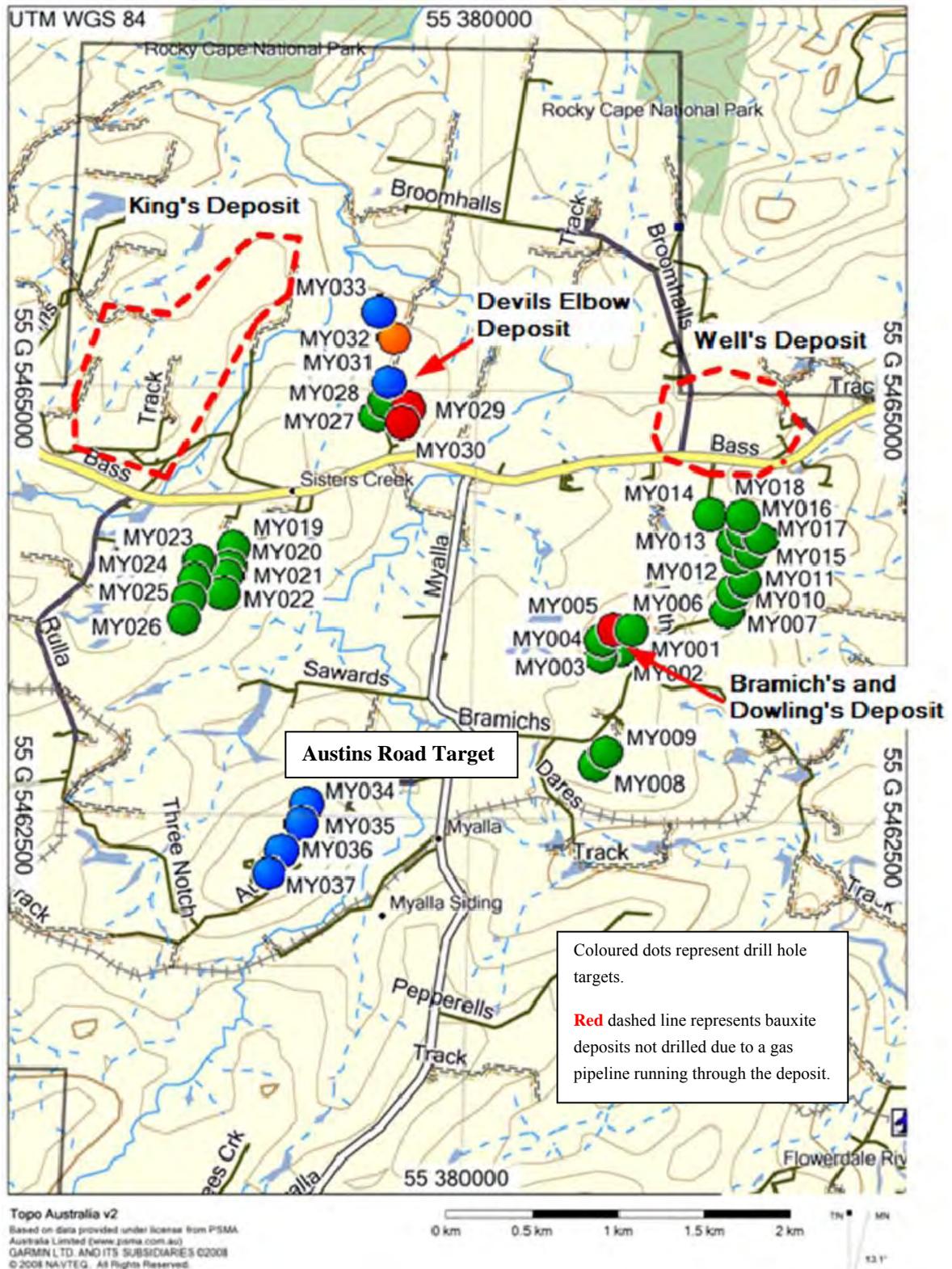
Over the reporting period, a total of 37 holes were drilled totalling 198m. Only 5 out of 37 holes intersected high quality bauxite with an average thickness of 2.6m with a maximum of 3m of bauxite mineralisation. Because of the unique friable nature of this bauxite, many intercepts were not identified as bauxite and thus not assayed initially. Many more intercepts may have been missed. Holes drilled in the area were very short and no deep exploratory holes were drilled. In addition, no holes were drilled through the younger basalts. A total of 60 samples were sent to ALS Laboratory for sieved analysis and an extra 9 samples were assayed whole.

EXPLORATION COMPLETED DURING THE REPORTING PERIOD Cont



Map 2 – EL 14/2010 Myalla - Overview of Drilling Locations

EXPLORATION COMPLETED DURING THE REPORTING PERIOD Cont



Map 3 – EL 14/2010 Individual Drilling Targets

EXPLORATION COMPLETED DURING THE REPORTING PERIOD Cont**Wells Deposit & Bramich's and Dowling's Deposits**

The Wells Deposit (seen in Map 3) was not drilled on this campaign because the majority of the bauxite is situated around a gas pipeline. The Wells Deposit was recently excavated for the New Bass Highway Road upgrade and assays from the cutting were excellent. Drilling the ridge further up the hill to the south did not result in positive bauxite results even though it was only 100m from the sampling point. The Wells deposit and Bramich's deposit were hoped to be a continuous body of bauxite, however drilling determined they are completely separate and very small deposits.

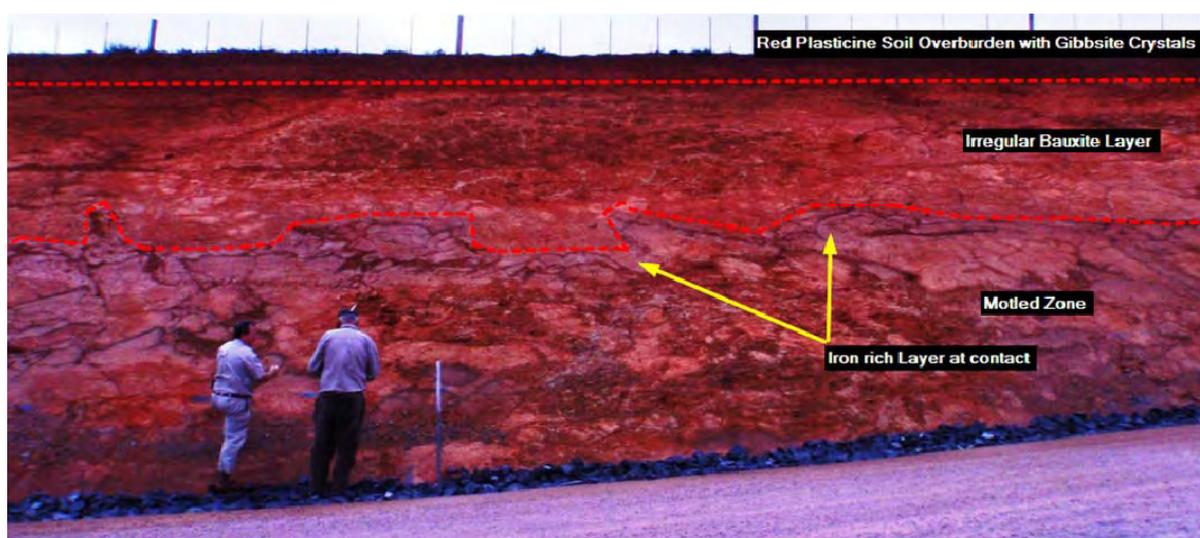


Figure 1 – Full bauxite profile of Well's Deposit in a fresh road cutting

Bramich's and Dowling's Deposit is a historical mining area for bauxite. The bauxite was used for filtering oils for Hydro Tasmania in the 1950's. The bauxite in this area was highly variable and appears to be contained to a small ridge.

Only two holes at Bramich's Deposit intersected bauxite which averaged a thickness of 2.5m. The average grade for bauxite with a cut off grade of 2.5 A/S ratio is: 29.7% Available Alumina (avl Al_2O_3), 5.9% Reactive Silica (rx SiO_2), 39.2% Total Alumina, 7.7% Total Silica and 24.5 % Iron oxide.

Sieving of the bauxite produced all the desired effects with increasing total and available alumina and decreasing silica. The Iron also decreased with sieving which suggests that it is not the same form of iron found in other bauxite deposits i.e. Hematite or Magnetite. Recovery was generally a bit low averaging 59%.

Table 1 – MY005 drilling on Bramich's and Dowling's Deposit

Sample	Geology	Sieved at 0.26mm								Recovery +0.26mm
		Al_2O_3 avl	Rx SiO_2	Al_2O_3	SiO_2	Fe_2O_3	LOI	AV/RX	A/S	
MY00501	Bx	26.3	5.8	36	11.35	25.2	22.62	4.53	3.17	76.9
MY00502	Bx	33.3	2.4	40.1	3.25	27.1	24.55	13.88	12.34	69.1
MY00503	Mz	32.3	3.7	39.8	4.08	27.3	23.76	8.73	9.75	43.4

Please see Appendix E for complete assay results.

EXPLORATION COMPLETED DURING THE REPORTING PERIOD Cont**King's Deposit**

The historical bauxite occurrence from H.B Owen's book "Bauxite in Australia", was not explored in this drilling campaign and is a forested area possibly under the gas pipe line. This deposit is outlined by a red dashed line in Map 3.

Devils Elbow Deposit

The Devils Elbow Deposit (Map 3) located near the Devils Elbow road, is poorly delineated by drilling. The deposit is on the next ridge to the east of King's deposit in narrow green paddocks. The drilling intersected bauxite with an averaged thickness of 2.5m and with a maximum thickness of 3m. Due to the usually friable nature of this bauxite much of this bauxite was recorded as clay or weathered basalt and was not initially assayed. The average grade for bauxite with a cut off grade of 2.5 A/S ratio is: 34.7% Available Alumina (avl Al₂O₃), 4.6% Reactive Silica (rx SiO₂), 41.8% Total Alumina, 6.3% Total Silica and 21.4% Iron oxide.

Recovery with sieving at 0.26mm was 63% which is low but acceptable. No whole samples were taken at this deposit so upgrading cannot be measured.

Table 2 - MY029 hole that was not assayed initially from 'Devils Elbow'

Sample	Geology	Sieved at 0.26mm								Recovery % +0.26mm
		Al ₂ O ₃ avl	Rx SiO ₂	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	LOI	AV/RX	A/S	
MY02901	Bs	36.4	3.8	43.7	4.42	21	26.48	9.58	9.89	54.2
MY02902	Bs/Bx	42.6	3.9	49.2	4.18	14.6	28.34	10.92	11.77	60.7
MY02903	Bs	35	4.5	42.7	5.05	21.3	25.77	7.78	8.46	38.7

Please see Appendix E for complete assay results.

Austins Road Target

Austins Road Target is located just west of Myalla Township (see Map 3). It is a Basalt ridge which had potential for bauxite underlying the basalt. Drill holes were only drilled to a maximum of 8m depth and did not intersect any bauxite but may have identified the weathered profile. It is possible that the drill holes were not drilled to a sufficient depth to identify the bauxite zone.

5 DISCUSSION OF RESULTS

The bauxite mineralization at Myalla is generally confined to hills, ridges and plateaus of bauxitised volcanoclastic deposits. The bauxite is not laterally continuous along the ridge tops and seems to form small pockets of bauxite. The original layer of bauxite may have been extensive but weathered away millions of years ago. The bauxite is generally 'clay like' friable and fine grained which makes it difficult to identify, but it is very Gibbsite rich and forms an irregular layer at the surface. The underlying zone is a Mottled Clay "Mottled Zone" and can have inclusions of bauxite within the zone but these cannot be extracted as ore. Sieving results for this area were very promising and drilling should continue sieving RC samples at 0.26mm.

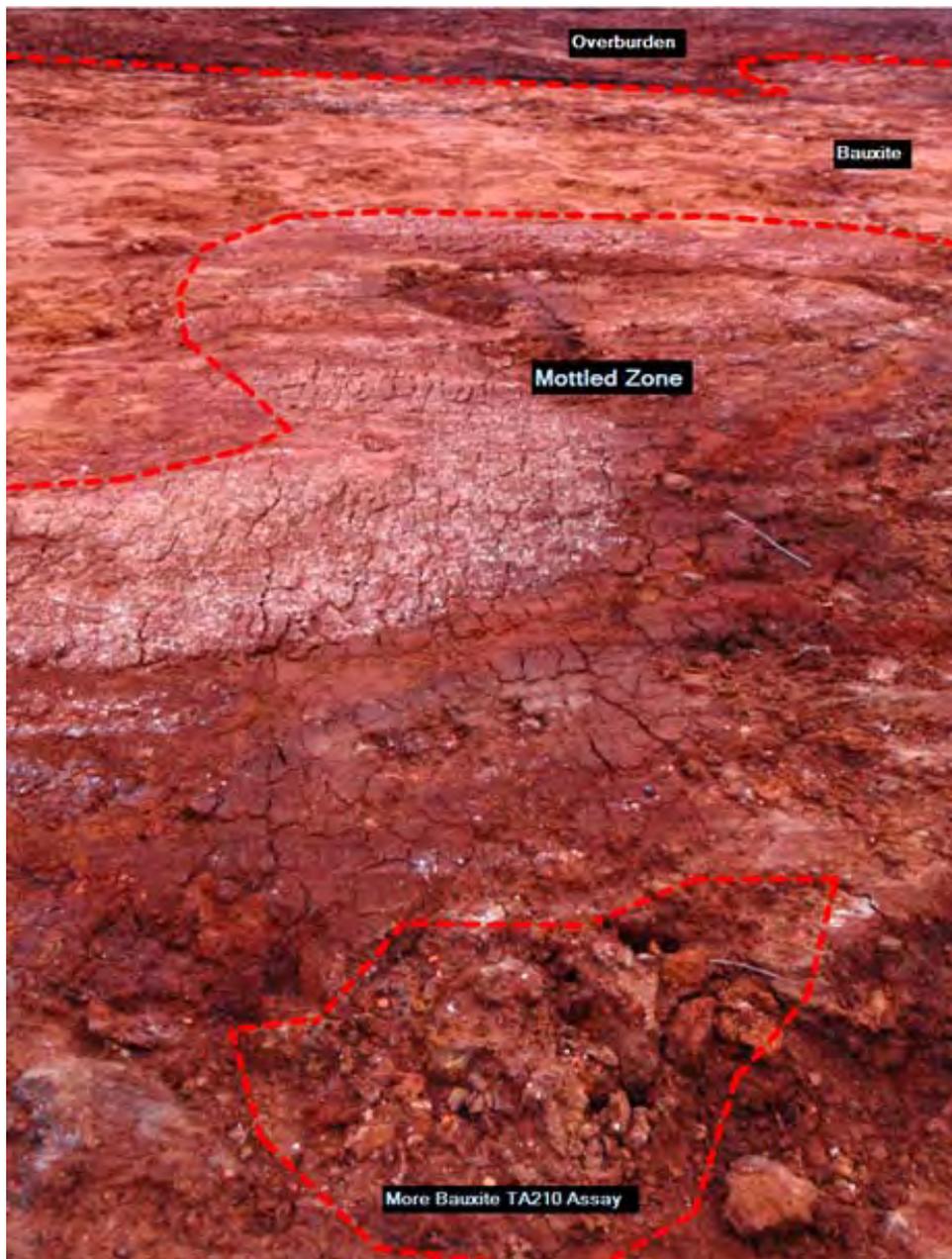


Figure 2 – Example of bauxite inclusion in the Mottled Zone

6 CONCLUSIONS AND RECOMMENDATIONS

Over the reporting period, a total of 37 holes were drilled totalling 198m. Only 5 out of 37 holes intersected high quality bauxite with an average thickness of 2.6m with a maximum of 3m of bauxite mineralisation. Because of the unique friable nature of this bauxite, many intercepts were not identified as bauxite and thus not assayed initially. Many more intercepts may have been missed. Holes drilled in the area were very short and no deep exploratory holes were drilled. In addition, no holes were drilled through the younger basalts. A total of 60 samples were sent to ALS Laboratory for sieved analysis and an extra 9 samples were assayed whole.

Recommendation for future work include further:

- Detailed geological mapping, including geomorphological mapping and study of satellite images to define the areas with the best potential for bauxite.
- Systematic sampling of natural outcrops and exposures in road cuts of lateritic weathering profile.
- Chemical analyses of samples, including specialist analyses to determine total and available alumina, total and reactive quartz, loss on ignition and sieving (+0.26mm) at 260 microns as required in bauxite search. Areas which weren't assayed due to the friable nature of the bauxite should be returned to and assays taken.
- Drill testing of zones with best potential with an RC drill rig mounted on a light six wheel truck to get samples representing the whole lateritic weathering profile (from upper-most iron rich zone through alumina rich zone down into mottled and pallid saprolite zone). Drilling should be deeper to determine whether bauxite can be found at further depth.
- Detailed analysis of assay results to determine assaying strategy for future drilling.

7 ENVIRONMENT

Surface Disturbing Operations:

ABx4's surface disturbing operations are minimal.

Drilling is conducted by an RC drill rig mounted on a light Mitsubishi 12 tonne truck. All drill holes are filled immediately after completion.

Existing tracks are used wherever possible. In the event that any specific access is required for drill rigs and/or service vehicles, track construction will be minimised and in accordance with directions of any landowners who may be affected.

Surveys (archaeological, botanical):

A botanical survey was conducted by Philip Milner Consultant Pty Ltd covering EL 14/2010.

No detailed report was considered warranted. All areas surveyed were located in arable farmland excluding one which was not considered an area of significant vegetation and had very limited conservation value.

Please refer to Appendix B for the complete Survey.

Rehabilitation:

All drill holes are filled immediately after completion.

All landholders sign a rehabilitation statement at the completion of each program confirming their satisfaction with the rehabilitation completed.

8 EXPENDITURE

Table 3 – Exploration Activity and Expenditure Table for reporting period 14 September 2010 – 13 August 2011

Exploration Category	Description of Activity	Quantity	Expenditure
Office Administration			
Authority Management	Environment		\$562
Office Activities	Data Processing & Interpretation		
Field Activities	Geological Mapping		
	Sampling		
	Equipment Hire	Vehicle hire	\$1,618
	Accommodation/Field Camp	Days	
	Travel		\$7,204
	Land Holder Liaison		
	Field Supplies	Equipment	\$1,831
	Other		
	Geophysics		
	Airborne		
	Type	Line kms	
	Ground		
	Type	Line kms	
	Drilling (program cost)		
	RAB/AC	Holes/total metres	
	RC	37 holes for 198 metres	\$28,366
	Diamond	Holes/total metres	
	Other	Holes/total metres	
Laboratory	ME-XRF 13B, Reactive Silica & Available Alumina	60 samples	\$4,241
Salaries / Wages	Employees	Drilling Supervision & Field Assistance Nov 2010	\$2,014
	Contractors	Professional & Consulting Nov2010 - Dec2010	\$2,619
		Grand Total	\$48,455

Note: Office Administration and Activities were met by parent company – Australian Bauxite Limited.

9 REFERENCES

Miss S.E. Close, June 1971, Final Report on Bauxite Search, Devonport E.L. 36/70 Tasmania, *CRA Exploration Pty Limited*

H.B. Owen, 1954, Bauxite in Australia, Bulletin 24

First Annual Report

on

EL 14/2010 – MYALLA

APPENDIX A – HISTORICAL REPORT

ABx4 Pty Ltd

029, 37, 45, 46
James Doherty

Q37 037 1617

119

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C.R.A. EXPLORATION PROPRIETARY LIMITED

867001

Ref. No. GENERAL
TASMANIA

SUBJECT: FINAL REPORT ON BAUXITE SEARCH,
DEVONPORT E.L. 36/70 TASMANIA.

AUTHOR: Miss S. E. Close

DATE: 23rd June, 1971.

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867D

71-77E

Final Report Bauxite Search
E.L. 36/70 Devonport - C.R.A.
by
S.E. Close
23/6/71

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867002

C.R.A. EXPLORATION PTY. LIMITED



23 June, 1971

MEMORANDUM TO : G. W. PATTERSON

Copy to : C. L. Knight

From : Miss S. E. Close

Final Report on Bauxite Search, Devonport E.L. 36/70 Tasmania

Final testing of this area in central northern Tasmania was carried out using a Gemco Model 210A auger drill. A total footage of 1148 feet was drilled in 57 holes and 206 samples were sent to Zinc Corporation for Al_2O_3 , SiO_2 and Fe_2O_3 analysis.

Drilling was concentrated on the two most promising areas, near Sassafras and near Deloraine, although all areas of soil over basalt within the E.L. were tested.

CONCLUSION

It is recommended that the E.L. be relinquished before the renewal date of 24th June, 1971. A memo has already been written to this effect.

No worthwhile results were obtained. Most of the 206 samples contained less than 30% total alumina, while 8 contained between 30 and 40% total alumina, but were also high in Fe_2O_3 and SiO_2 . The higher values occurred in holes B20 and B25.

GENERAL DISCUSSION

As stated before, the drilling was carried out on all the areas of soil over basalt within the E.L. These have been described in preceding reports.

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As the thickness of possible bauxite was expected to be less than 10 feet, or even less than 5 feet, drillholes were spaced widely apart and still covered a minimum area for an economic deposit. For example, using a factor for bauxite of 1×10^6 tons/sq. mile foot and 50×10^6 tons for a minimum size orebody, with five foot thickness the minimum area is 10 sq. miles and with a ten foot thickness the minimum area is 5 sq. miles.

The E.L. was taken up on the only ground available. Areas to the west near the coast may be more prospective, but would probably only consist of very small patches of bauxite grade. For example, the deposits at Myalla described in Owen's B.M.R. Bulletin 24 and the small area near Forth which gave high alumina values in the hand augering program.

DRILLING

The contractors were R. & F. Diamond Drilling Co. The Gemco Model 210A proved to be the most successful yet used for this type of work. The drilling rate was faster than for the older lower powered models. However, the rods still tended to stick in damp clay, so the new Gemco Model 210B would probably be the most suitable one for bauxite drilling.

SEC:ry

S. E. Close

KEYWORDS

Bauxite, laterite, drilling - auger, assays - drill, basalt.

Locality : Tasmania 1:250,000 Sheet 3 Burnie
Sheet 4 Launceston

ATTACHMENTS

Auger drill log and assay sheets.

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867004

- 3 -

LIST OF PLANS

<u>Plan No.</u>	<u>Title</u>	<u>Scale</u>
T783	Devonport E L 36/70 Gemco Auger Hole Locations.	1:250,000

AUGER DRILL LOG & ASSAY SHEET

Key 1

LOCALITY *Devonport EL 36/70.*

CO-ORDINATES.....

DATE DRILLED *4.5.71*

SAMPLE DISPATCHED.....

D.P.O. No. *13561*

ANALYSED BY *ZC*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	S ₂ O	Al ₂ O ₃	Fe ₂ O ₃	T ₂ O	LOI	AI
B1	214201	0	5	Brown soil	43.2	13.4	27.2			
<i>Not analysed</i> 488887	214202	5	11	Yellow sticky clay with some grey clay + small amt. red clay.	41.6	24.5	16.9			
	203	11	15	Grey + red + orange clays.	39.8	25.5	18.4			
	204	15	21	Brown + blue clays.	29.6	23.5	27.4			
	214205	21	26	Light brown clay.	29.7	26.3	23.5			
B2	488891	0	3	Brown black soil + 3ft fairly fresh basalt.	44.6	17.2	15.4			
B3	488895	0	4	Red clay with pisolites	47.3	8.7	34.6			
	208	4	11	Pink & grey-green clays.	49.4	27.7	8.6			
	214209	11	17	Tan clay.	51.5	27.6	6.0			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

Page 2.

LOCALITY *Levanport EL 36/70*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O. No. *13561*DATE DRILLED *4.5.71*ANALYSED BY *2C*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	S ₂ O ₃	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
<i>B4</i>	<i>214210</i>	<i>0</i>	<i>3</i>	<i>tan clay</i>	<i>60.1</i>	<i>23.3</i>	<i>4.9</i>			
<i>485897</i>	<i>211</i>	<i>3</i>	<i>5</i>	<i>red clay</i>	<i>58.4</i>	<i>19.9</i>	<i>10.3</i>			
	<i>212</i>	<i>5</i>	<i>10</i>	<i>pink + white clay</i>	<i>54.3</i>	<i>28.9</i>	<i>3.1</i>			
	<i>214213</i>	<i>10</i>	<i>12</i>	<i>yellow clay</i>	<i>58.7</i>	<i>24.4</i>	<i>3.5</i>			
<i>B5</i>	<i>214214</i>	<i>0</i>	<i>4</i>	<i>Red clay</i>	<i>33.4</i>	<i>20.7</i>	<i>28.6</i>			
<i>481897</i>	<i>214215</i>	<i>4</i>	<i>6</i>	<i>Bract with some red clay</i>	<i>35.1</i>	<i>20.0</i>	<i>23.7</i>			
<i>B6</i>	<i>214216</i>	<i>0</i>	<i>5</i>	<i>Orange red clays</i>	<i>44.2</i>	<i>24.5</i>	<i>16.4</i>			
<i>477886</i>	<i>217</i>	<i>5</i>	<i>11</i>	<i>Red & grey clay</i>	<i>43.1</i>	<i>24.2</i>	<i>18.6</i>			
	<i>218</i>	<i>11</i>	<i>17</i>	<i>Red with some grey clay</i>	<i>45.6</i>	<i>25.7</i>	<i>15.0</i>			
	<i>219</i>	<i>17</i>	<i>24</i>	<i>Mostly red clays</i>	<i>45.5</i>	<i>24.7</i>	<i>16.2</i>			
	<i>214220</i>	<i>24</i>	<i>30</i>	<i>ditto</i>	<i>36.4</i>	<i>25.2</i>	<i>21.6</i>			
	<i>214221</i>	<i>30</i>	<i>36</i>	<i>Light brown clays</i>	<i>36.8</i>	<i>28.2</i>	<i>16.9</i>			
<i>B7</i>	<i>214222</i>	<i>0</i>	<i>5</i>	<i>Light brown soil</i>	<i>67.5</i>	<i>9.9</i>	<i>13.9</i>			
<i>476883</i>	<i>223</i>	<i>5</i>	<i>11</i>	<i>Red grey + white clay, some fissile</i>	<i>51.0</i>	<i>20.1</i>	<i>16.4</i>			
	<i>224</i>	<i>11</i>	<i>17</i>	<i>Red + grey clays, more grey near base</i>	<i>50.1</i>	<i>24.1</i>	<i>14.4</i>			
	<i>225</i>	<i>17</i>	<i>23</i>	<i>Grey clay, some red, brown colours</i>	<i>52.4</i>	<i>26.9</i>	<i>6.8</i>			

REMARKS:-

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C.R.A. EXPLORATION PTY. LIMITED

CRAE FORM 66

AUGER DRILL LOG & ASSAY SHEET

Sheet 3

LOCALITY Reemport EL 36/70

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O. No. 13561 to end of 884 then 13562

DATE DRILLED 4.5.71

ANALYSED BY ZC

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
B8	214226	0	6	Yellow clay	53.0	20.1	12.2			
467885	227	6	12	Red brown clay	50.9	20.1	14.1			
	228	12	18	Light brown clay	46.4	23.0	13.1			
	229	18	24	ditto	46.0	23.5	13.6			
B9	214230	0	6	Top 2ft brown soil	35.5	23.0	24.0			
464883				not sampled. Sample is red soil with nodules.						
	231	6	12	Orange clay	32.7	27.3	21.1			
	232	12	18	Pale orange clay	28.0	23.6	25.2			
	233	18	24	Fawn mud.	27.4	22.4	25.5			
	214234	24	29	ditto	41.4	18.4	16.4			
B10	214235	0	4	Light brown soil	49.5	18.6	14.4			
461884				Abandoned as basalt impedes drilling.						
B11	214236	0	6	Brown orange clay	67.3	11.6	10.3			
464886	237	6	12	brown clay	44.3	18.6	17.5			
	238	12	18	Fawn mud.	27.8	22.5	24.5			
	214239	18	23	Brown clay with slightly weathered basalt fragments	44.4	17.4	16.7			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

Sheet 4

007

LOCALITY Levonport EL 36/70
 CO-ORDINATES.....
 DATE DRILLED 5.5.71

SAMPLE DISPATCHED.....
 D.P.O. No. 13562
 ANALYSED BY ZC

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	S ₂ O ₂	Al ₂ O ₃	Fe ₂ O ₃	T ₂ O ₂	LOI	AI
B12 473886	214240	0	6	Black soil & clay. Stopped because of basalt chips	44.4	15.4	14.6			
B13 457888	214241	0	6	Red brown soil & clay.	50.2	18.2	16.9			
	242	6	12	Light brown sandy material.	87.8	7.7	3.2			
	243	12	15	ditto	84.3	8.4	3.9			
	244	15	21	grey brown then light brown sandy material.	71.7	12.7	8.2			
	245	21	27	light brown sandy material.	44.5	16.4	13.9			
	214246	27	30	ditto	45.7	20.7	17.7			
B14 455890	214247	0	6	Brown & grey-green clays.	48.6	20.6	16.3			
	248	6	12	Grey-green clays.	49.8	16.0	14.4			
	249	12	18	ditto, basalt beginning	43.7	16.1	14.1			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

Sheet 5

LOCALITY *Sevenport EL 36/70*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O. No. *13562*DATE DRILLED *5.5.71*ANALYSED BY *Z.C.*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	S ₁ O ₂	Al ₂ O ₃	Fe ₂ O ₃	T ₁ O ₂	LOI	AI
B15	214250	0	6	Light brown clay	54.4	14.3	12.9			
453891	251	6	12	Light grey-green clay.	44.0	16.0	15.8			
	214252	12	18	Light khaki coloured clay.	41.7	17.0	15.9			
	214253	18	24	ditto	39.7	16.3	15.3			
B16	214254	0	6	Light brown clay.	46.3	18.2	15.2			
452887	255	6	12	Light brown yellow clay with very weathered basalt.	42.0	20.5	16.0			
	214256	12	17	ditto. Stopped by basalt.	41.8	20.1	16.4			
B17	214257	0	6	Red-brown clay.	43.5	18.1	21.0			
453885	258	6	12	light red red clay grading into dark sand clay.	53.9	19.5	12.3			
	259	12	18	Orange clay.	45.7	16.0	24.8			
	260	18	24	ditto, slightly paler	54.6	18.0	13.6			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

Sheet 6.

LOCALITY Devonport EL 36/70.
 CO-ORDINATES.....
 DATE DRILLED 5.5.71.....

SAMPLE DISPATCHED.....
 D.P.O.No. 13562.....
 ANALYSED BY ZC.....

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	S ₂ O ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
B18 457887	214261	0	5	Red clayey soil Abandoned at 5ft because of fresh basalt	41.1	17.7	24.9			
B19 462890	214262	0	4	Red clayey soil Abandoned at 5ft because of fresh basalt.	34.9	30.3	16.6			
B20 458889	214263	0	6	Red clay with traces of ferruginised basalt.	11.9	39.4	22.6			
	264	6	12	Red clay.	3.7	38.4	30.2			
	265	12	18	Red brown clay.	16.9	31.9	28.5			
	266	18	24	Red clay with with green clay nodules	23.1	29.0	27.3			
	267	24	30	ditto	27.2	30.3	23.3			
	268	30	36	ditto	27.1	28.3	24.3			
	269	36	42	ditto	26.8	27.1	25.8			
	270	42	48	ditto	28.1	26.7	25.8			

6-5-71

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

Sheet 7

010

LOCALITY *Devonport EL36/70*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O. No. *13562*

DATE DRILLED *6.5.71*

ANALYSED BY *P.C.*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
B21	214271	0	6	Red clay	36.2	21.7	21.7			
458890	272	6	9	ditto. Abandoned due to fresh basalt.	31.3	24.9	22.7			
B22	214273	0	6	Dark grey - brown clay	80.0	7.3	7.4			
451897	274	6	12	Yellow brown clay	65.8	15.2	9.3			
	275	12	18	ditto	62.8	15.6	10.2			
	276	18	24	ditto	74.6	11.5	5.9			
	277	24	30	ditto	60.3	16.5	10.6			
B23	214278	0	6	Light grey, brown very weathered basalt.	47.0	16.3	12.6			
450898	279	6	12	ditto. Abandoned due to fresh basalt.	47.0	15.2	11.4			
B24	214280	0	6	Grey clay	61.5	11.5	15.1			
448902	281	6	12	light brown, yellow & red clay.	89.6	11.8	8.9			
	282	12	15	yellow clay & then grey weathered basalt.	72.1	13.0	5.1			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

Sheet 8

011

LOCALITY... Devonport EL 36/70

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O. No. 13563

DATE DRILLED... 6.5.71

ANALYSED BY... ZC

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
B25	214283	0	6	Red sandy material	46.1	20.6	18.7			
447899	284	6	12	Orange red clay	34.1	31.2	17.9			
	285	12	18	Orange clay	28.9	33.5	18.7			
	214286	18	24	ditto. Stopped by basalt chips	25.3	35.0	19.4			
B26	214287	0	6	Yellow clay	50.6	23.3	11.4			
448897	288	6	12	ditto	49.4	23.3	11.0			
	289	12	14	greyish clay	47.6	19.3	14.2			
				Stopped by basalt						
B27	214290	0	6	Light yellow brown clay	43.3	18.7	17.7			
449894	291	6	8	ditto stopped by basalt	45.0	17.8	16.2			
B28	214292	0	6	Red clay	41.4	26.7	17.3			
454893	293	6	12	ditto	41.9	25.9	18.2			
	294	12	18	ditto	42.1	25.3	18.1			
	295	18	24	orange brown clay	42.5	24.9	17.9			
	214296	24	30	orange brown mud	43.3	24.9	17.3			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

LOCALITY... *Wynyard EL 36/70*
 CO-ORDINATES.....
 DATE DRILLED... *7.5.71*.....

SAMPLE DISPATCHED.....
 D.P.O. No. *13563*
 ANALYSED BY... *Z.C.*.....

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
B29	214297	0	6	Yellow brown clay	39.4	21.4	18.8			
452891	298	6	12	Grey clay	63.4	18.9	16.7			
	299	12	18	ditto	43.7	18.2	16.4			
B30	214300	0	6	Yellow-orange clay	42.1	16.4	19.6			
449891	301	6	12	ditto	44.0	15.7	16.4			
	302	12	18	Light brown clay with weathered basalt.	44.9	15.0	14.9			
B31	214303	0	6	grey brown very weathered basalt.	46.5	15.2	13.2			
446894	304	6	12	yellow brown weathered basalt.	46.0	13.9	12.8			
B32	214305	0	6	grey brown weathered basalt.	44.9	15.3	13.6			
445892	214306	6	9	as above, stopped by fresh basalt	45.0	14.6	13.4			
B33	214307	0	6	Yellow clay	77.2	11.5	5.2			
441895	308	6	12	yellow sandy clay	74.0	13.5	5.7			
	309	12	18	ditto	67.2	16.3	7.6			
	310	18	24	Red grey & yellow clay. Hole abandoned due to hard rock	68.1	15.7	7.5			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

013

LOCALITY... *Revenyork EL 36/70*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O. No. *13563*

DATE DRILLED... *7.5.71*

ANALYSED BY... *ZC*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
<i>B34</i>	<i>214311</i>	<i>0</i>	<i>6</i>	<i>Red brown clay.</i>	<i>39.2</i>	<i>19.5</i>	<i>20.4</i>			
<i>443895</i>				<i>Hole abandoned just below cobbles</i>						
<i>B35</i>	<i>214312</i>	<i>0</i>	<i>3</i>	<i>red brown soil.</i>	<i>46.9</i>	<i>16.0</i>	<i>18.7</i>			
<i>445898</i>				<i>Hole abandoned due to hard rock</i>						
<i>B36</i>	<i>214313</i>	<i>0</i>	<i>6</i>	<i>Red brown sandy clay.</i>	<i>68.5</i>	<i>12.7</i>	<i>9.9</i>			
<i>442901</i>				<i>Hole abandoned due to hard rock</i>						
<i>B37</i>	<i>214314</i>	<i>0</i>	<i>6</i>	<i>Light red-brown clay.</i>	<i>41.2</i>	<i>23.3</i>	<i>17.7</i>			
<i>440898</i>	<i>214315</i>	<i>6</i>	<i>12</i>	<i>Yellow clay. Hole abandoned due to hard rock</i>	<i>49.8</i>	<i>18.1</i>	<i>15.5</i>			
<i>B38</i>	<i>214316</i>	<i>0</i>	<i>6</i>	<i>Orange red sandy clay.</i>	<i>71.9</i>	<i>12.1</i>	<i>9.8</i>			
<i>439902</i>	<i>317</i>	<i>6</i>	<i>12</i>	<i>Yellow sandy clay.</i>	<i>77.5</i>	<i>12.5</i>	<i>4.9</i>			
	<i>318</i>	<i>12</i>	<i>18</i>	<i>ditto</i>	<i>85.4</i>	<i>9.1</i>	<i>3.7</i>			
	<i>214319</i>	<i>18</i>	<i>24</i>	<i>ditto</i>	<i>85.1</i>	<i>8.8</i>	<i>3.6</i>			

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

014

LOCALITY *Abouyant EL 36/70*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O.No. *13563 including B39 then 13561*

DATE DRILLED *7.5.71*

ANALYSED BY *ZC*

571

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
<i>B39</i>	<i>214320</i>	<i>0</i>	<i>3</i>	<i>Red brown soil</i>	<i>39.4</i>	<i>23.5</i>	<i>18.4</i>			
<i>441903</i>				<i>Abandoned due to hard rock.</i>						
<i>B40</i>	<i>214321</i>	<i>0</i>	<i>6</i>	<i>Red-brown clay</i>	<i>36.7</i>	<i>21.6</i>	<i>21.0</i>			
<i>444915</i>	<i>322</i>	<i>6</i>	<i>12</i>	<i>ditto</i>	<i>32.2</i>	<i>21.8</i>	<i>22.5</i>			
	<i>323</i>	<i>12</i>	<i>18</i>	<i>grey-brown clay.</i>	<i>32.4</i>	<i>21.2</i>	<i>21.4</i>			
	<i>324</i>	<i>18</i>	<i>24</i>	<i>ditto</i>	<i>34.7</i>	<i>21.0</i>	<i>21.6</i>			
	<i>214325</i>	<i>24</i>	<i>29</i>	<i>brown clay</i>	<i>34.0</i>	<i>21.9</i>	<i>20.7</i>			
<i>B41</i>	<i>214326</i>	<i>0</i>	<i>6</i>	<i>Red brown sandy clay.</i>	<i>32.8</i>	<i>23.6</i>	<i>22.2</i>			
<i>444917</i>										
	<i>327</i>	<i>6</i>	<i>12</i>	<i>ditto</i>	<i>33.4</i>	<i>24.1</i>	<i>22.5</i>			
	<i>328</i>	<i>12</i>	<i>18</i>	<i>ditto</i>	<i>33.7</i>	<i>24.3</i>	<i>22.1</i>			
	<i>329</i>	<i>18</i>	<i>24</i>	<i>Orange brown with some white clay.</i>	<i>31.0</i>	<i>24.2</i>	<i>21.7</i>			
	<i>330</i>	<i>24</i>	<i>30</i>	<i>Light brown sandy clay</i>	<i>29.4</i>	<i>24.4</i>	<i>22.1</i>			
	<i>331</i>	<i>30</i>	<i>35</i>	<i>ditto</i>	<i>28.8</i>	<i>24.1</i>	<i>22.3</i>			
<i>B42</i>	<i>214332</i>	<i>0</i>	<i>6</i>	<i>Light brown sandy clay</i>	<i>35.1</i>	<i>24.8</i>	<i>20.9</i>			
<i>445916</i>										
	<i>333</i>	<i>6</i>	<i>12</i>	<i>ditto</i>	<i>30.9</i>	<i>24.7</i>	<i>22.3</i>			
	<i>334</i>	<i>12</i>	<i>18</i>	<i>grey clay.</i>	<i>29.9</i>	<i>20.4</i>	<i>20.6</i>			
	<i>335</i>	<i>18</i>	<i>23</i>	<i>ditto</i>	<i>33.8</i>	<i>22.1</i>	<i>21.5</i>			

REMARKS:-

867016

Sheet 12

AUGER DRILL LOG & ASSAY SHEET

515

LOCALITY Devonport EL 36/70

CO-ORDINATES

DATE DRILLED 8.5.71

SAMPLE DISPATCHED

D.P.O. No. 13564 include B63 then 13565

ANALYSED BY ZC

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
B43 445915	214336	0	6	Dark red sandy clay.	33.7	19.5	25.8			
	337	6	12	Red orange sandy clay.	31.1	23.0	25.0			
	338	12	18	Ditto Stopped by hard rock	31.4	22.7	24.0			
B44 447914	214339	0	6	grey-brown sandy clay.	38.0	17.0	27.2			
	340	6	12	brown sandy clay then yellow brown clay.	42.1	21.3	19.6			
	341	12	18	yellow brown sandy clay.	44.4	24.2	15.8			
	342	18	24	Ditto	44.2	23.7	15.6			
	343	24	29	Ditto	46.6	22.8	13.7			
B45 451912	214344	0	6	Orange with a little grey sandy clay.	71.3	12.1	8.8			
	345	6	12	red orange sandy clay with small quartz pebbles.	86.4	6.3	5.5			
	346	12	17	Ditto	79.8	9.3	6.8			
	347	17	19	Orange + grey clay stopped by hard rock	71.0	15.2	5.9			

REMARKS:-

No.

AUGER DRILL LOG & ASSAY SHEET

LOCALITY... *Levenport EL 36/70*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O.No. *13565*

DATE DRILLED... *8.5.71*

ANALYSED BY *ZC*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
<i>B46</i>	<i>214348</i>	<i>0</i>	<i>6</i>	<i>grey soil on top then</i>	<i>48.4</i>	<i>20.8</i>	<i>16.8</i>			
<i>447913</i>				<i>red sandy clay.</i>						
	<i>349</i>	<i>6</i>	<i>12</i>	<i>light red sandy</i>	<i>39.9</i>	<i>28.4</i>	<i>16.2</i>			
				<i>clay.</i>						
	<i>350</i>	<i>12</i>	<i>18</i>	<i>light red - brown</i>	<i>42.0</i>	<i>26.4</i>	<i>15.4</i>			
				<i>sandy clay</i>						
	<i>214351</i>	<i>18</i>	<i>20</i>	<i>brown sandy clay</i>	<i>42.5</i>	<i>26.8</i>	<i>14.8</i>			
				<i>Stopped due to hard rock</i>						
<i>B47</i>	<i>214352</i>	<i>0</i>	<i>6</i>	<i>brown sandy clay.</i>	<i>52.0</i>	<i>14.6</i>	<i>18.7</i>			
<i>446917</i>	<i>353</i>	<i>6</i>	<i>12</i>	<i>yellow brown</i>	<i>46.4</i>	<i>16.8</i>	<i>21.0</i>			
				<i>sandy clay.</i>						
	<i>354</i>	<i>12</i>	<i>18</i>	<i>brown sandy clay</i>	<i>37.0</i>	<i>23.5</i>	<i>21.1</i>			
	<i>214355</i>	<i>18</i>	<i>23</i>	<i>ditto</i>	<i>38.8</i>	<i>22.8</i>	<i>19.9</i>			
<i>B48</i>	<i>214356</i>	<i>0</i>	<i>6</i>	<i>Dark brown</i>	<i>33.7</i>	<i>22.4</i>	<i>22.1</i>			
<i>447918</i>				<i>sandy clay.</i>						
	<i>357</i>	<i>6</i>	<i>12</i>	<i>red orange</i>	<i>33.2</i>	<i>25.2</i>	<i>21.6</i>			
				<i>sandy clay.</i>						
	<i>358</i>	<i>12</i>	<i>18</i>	<i>ditto</i>	<i>33.6</i>	<i>24.5</i>	<i>22.3</i>			
	<i>359</i>	<i>18</i>	<i>24</i>	<i>red brown sandy</i>	<i>33.6</i>	<i>23.7</i>	<i>22.2</i>			
				<i>clay.</i>						
	<i>360</i>	<i>24</i>	<i>30</i>	<i>ditto</i>	<i>33.4</i>	<i>24.2</i>	<i>22.9</i>			
	<i>361</i>	<i>30</i>	<i>35</i>	<i>yellow brown mud.</i>	<i>34.8</i>	<i>22.6</i>	<i>22.5</i>			
				<i>Drilling stopped</i>						
				<i>little return.</i>						

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

LOCALITY... *Levonsport EL 36/70*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

D.P.O. No. *13566*

DATE DRILLED... *9.5.71*

ANALYSED BY... *ZC*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
<i>B49</i>	<i>214362</i>	<i>0</i>	<i>6</i>	<i>red-brown sandy clay.</i>	<i>38.4</i>	<i>22.8</i>	<i>19.6</i>			
<i>449918</i>	<i>363</i>	<i>6</i>	<i>12</i>	<i>ditto.</i>	<i>32.0</i>	<i>25.4</i>	<i>23.8</i>			
	<i>364</i>	<i>12</i>	<i>18</i>	<i>ditto</i>	<i>73.4</i>	<i>12.4</i>	<i>7.6</i>			
	<i>365</i>	<i>18</i>	<i>26</i>	<i>reddish then yellow sandy clay.</i>	<i>71.0</i>	<i>13.2</i>	<i>8.4</i>			
	<i>366</i>	<i>24</i>	<i>30</i>	<i>yellow sandy clay.</i>	<i>73.6</i>	<i>13.0</i>	<i>6.1</i>			
	<i>367</i>	<i>30</i>	<i>35</i>	<i>ditto</i>	<i>82.7</i>	<i>9.1</i>	<i>4.0</i>			
<i>B50</i>	<i>214368</i>	<i>0</i>	<i>6</i>	<i>grey-brown sand + yellow sandy clay.</i>	<i>86.0</i>	<i>6.9</i>	<i>4.6</i>			
<i>650920</i>	<i>369</i>	<i>6</i>	<i>12</i>	<i>yellow sandy clay.</i>	<i>82.0</i>	<i>8.5</i>	<i>6.2</i>			
	<i>370</i>	<i>12</i>	<i>18</i>	<i>ditto</i>	<i>82.8</i>	<i>7.4</i>	<i>6.9</i>			
	<i>371</i>	<i>18</i>	<i>24</i>	<i>ditto</i>	<i>75.9</i>	<i>11.3</i>	<i>7.4</i>			
	<i>372</i>	<i>24</i>	<i>30</i>	<i>ditto</i>	<i>79.1</i>	<i>8.7</i>	<i>8.0</i>			
	<i>373</i>	<i>30</i>	<i>35</i>	<i>ditto</i>	<i>82.3</i>	<i>8.5</i>	<i>6.9</i>			
<i>B51</i>	<i>214374</i>	<i>0</i>	<i>6</i>	<i>red sandy clay.</i>	<i>39.8</i>	<i>23.4</i>	<i>20.1</i>			
<i>446919</i>	<i>375</i>	<i>6</i>	<i>12</i>	<i>ditto</i>	<i>30.5</i>	<i>25.1</i>	<i>24.7</i>			
	<i>376</i>	<i>12</i>	<i>18</i>	<i>red brown sandy clay.</i>	<i>30.5</i>	<i>24.5</i>	<i>25.0</i>			
	<i>377</i>	<i>18</i>	<i>24</i>	<i>yellow brown sandy clay.</i>	<i>31.6</i>	<i>24.2</i>	<i>26.4</i>			
	<i>214378</i>	<i>24</i>	<i>28</i>	<i>ditto</i>	<i>34.7</i>	<i>23.7</i>	<i>21.8</i>			

REMARKS:-

Blank lines for remarks.

AUGER DRILL LOG & ASSAY SHEET

018

LOCALITY *Levonport EL 36/70*

CO-ORDINATES.....

DATE DRILLED *9.5.71*

SAMPLE DISPATCHED.....

D.P.O. No. *13566* *including B52 then 13567*

ANALYSED BY *ZC*

HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	LOI	AI
B52	214379	0	6	Brown soil +	44.6	16.3	21.4			
	445022			from clay						
	380	6	12	yellow sandy clay	40.6	21.0	20.7			
	381	12	18	yellow mud.	42.0	20.6	18.6			
				Stopped due to hard rock						
B53	214382	0	6	red-brown sandy clay	56.7	14.2	15.0			
	447922									
	383	6	12	red pink clay	43.1	24.0	16.5			
	384	12	18	pink + grey clay	41.2	28.0	13.4			
	385	18	24	pink clay	38.1	25.4	17.9			
	386	24	30	orange clay	35.1	22.1	25.1			
	387	30	36	yellow orange clay	35.6	21.4	25.3			
	388	36	42	ditto	36.3	20.2	25.9			
	389	42	47	ditto	38.8	20.3	23.1			
B54	214390	0	6	red brown sandy clay	47.9	17.5	18.9			
	449022									
	391	6	12	red clay	46.2	17.7	19.5			
	392	12	18	ditto	35.6	24.3	22.2			
	393	18	24	ditto	34.0	24.9	22.2			
				Hole abandoned due to hard rock						

REMARKS:-

AUGER DRILL LOG & ASSAY SHEET

018

LOCALITY *Devonport EL3670*

SAMPLE DISPATCHED.....

CO-ORDINATES.....

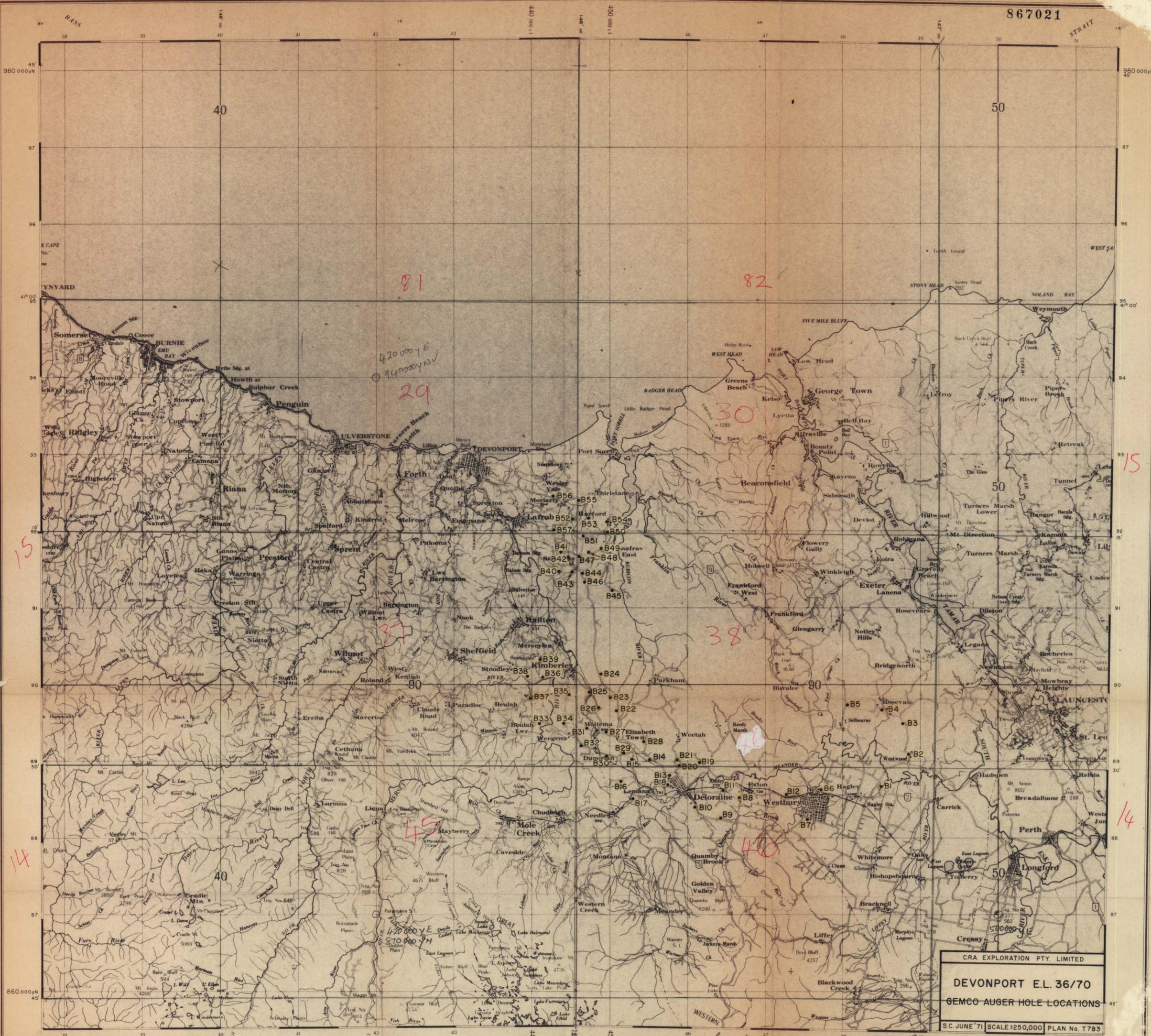
D.P.O. No. *13567*

DATE DRILLED *9.5.71*

ANALYSED BY *ZC*

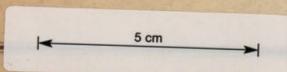
HOLE No.	SAMPLE NUMBER	FROM	TO	DESCRIPTION	S ₂ O ₂	Al ₂ O ₃	Fe ₂ O ₃	T ₂ O ₂	LOI	AI
B55	214394	0	4	red sandy clay	36.0	19.5	24.2			
	446924			Hole abandoned due to hard rock.						
B56	214395	0	6	red sandy clay	55.6	18.6	13.0			
	443923	396	6 12	ditto	82.1	8.6	6.0			
		397	12 18	orange red sandy clay	91.2	5.8	3.6			
		398	18 24	ditto	90.5	5.7	3.5			
	214399	24	30	ditto	91.8	5.3	3.8			
	214400	30	35	ditto	92.0	5.3	3.4			
B57	214401	0	6	Red brown sandy clay	66.0	14.3	11.1			
	443920									
		402	6 12	ditto	54.4	18.8	13.9			
		403	12 18	red with some white clay	76.2	11.2	7.3			
		404	18 24	red + yellow sandy clay	84.7	8.2	4.6			
		405	24 30	light red sandy clay	88.8	6.0	3.3			
		406	30 35	yellow brown sandy clay	92.8	4.4	2.4			

REMARKS:-



BASE MAP: From published BURNIE and LAUNCESTON 1:250,000
 Topographical map supplied by courtesy of the
 Tasmanian Lands and Surveys Department.

CRA EXPLORATION PTY. LIMITED
DEVONPORT E.L. 36/70
 GEMCO AUGER HOLE LOCATIONS
 S.C. JUNE '71 SCALE 1:250,000 PLAN No. T783



First Annual Report

on

EL 14/2010 – MYALLA

APPENDIX B – BOTANICAL SURVEY

ABx4 Pty Ltd

From: Philip Milner [<mailto:philip.milner@bigpond.com>]
Sent: Wednesday, 3 November 2010 1:27 PM
To: Leon Hawker
Subject: Re: Myalla Target Area: Flora and Fauna Habitat Survey

Leon,

this email confirms the results of the botanical and fauna habitat survey undertaken yesterday over your Myalla Target area.

All but one of the areas surveyed across each of the properties were located in arable farmland consisting of crops or improved pasture for cattle.

The only exception was the area around the old HEC quarry where remnant trees of Stringybark *Eucalyptus obliqua* were present. None of the trees were in an old-growth condition and the original understorey vegetation has been replaced by Blackberry, some Gorse and exotic grassy weeds. The patch does not constitute an area of significant vegetation and has very limited conservation value and provides little fauna habitat.

No remnant indigenous ground stratum vegetation was observed at any of the sites surveyed and on this basis a detailed vegetation report of the Myalla targets surveyed is not considered warranted.

Regards
Philip Milner

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