

AUSTRALIAN ANGLO AMERICAN LIMITED

099

PROSPECT: EL 221 80

AREA: SOUTH ESK

STATE: TASMANIA

Bore no: E 3-A

Commenced time: 4:45 PM

Date: 27.2.81

Machine: GOMCOR 108

Casing shoe diameter: External 9.0 cm  
Internal 7.5 cm

Off-set: -

Completed time: 4:00 PM

Date: 4.3.81

Foreman: A. JACKSON

Supervisor: S. DOUGLAS

SHEET 1/6

Collar level: \_\_\_\_\_

| DEPTH (m) | THICKNESS (m) | DESCRIPTION OF GROUND                        | TENACITY | THEORETICAL VOL. (1000 lbs. cu. m.) |      | ACTUAL VOLUME              |                         |                       | WT OF MATERIALS (kg) | WT (%)        |              |       | FIELD CONCENTRATE |                        |  |            |                 | REMARKS |                          |
|-----------|---------------|--|----------|-------------------------------------|------|----------------------------|-------------------------|-----------------------|----------------------|---------------|--------------|-------|-------------------|------------------------|--|------------|-----------------|---------|--------------------------|
|           |               |  |          | section                             | cum. | section (1000 lbs. cu. m.) | cum. (1000 lbs. cu. m.) | section vol. rec. (%) |                      | SANDS/GRAVELS |              |       | CLAY              | actual wt. (g) record. | P <sub>1</sub> (mg per P <sub>2</sub> (ppm) concn) | metre-gram | cum. metre-gram |         | prog. wt. (g) per cu. m. |
|           |               |  |          |                                     |      |                            |                         |                       |                      | +10 mm        | -10 m + 20 # | -20 # |                   |                        |  |            |                 |         |                          |
| 0-1       | 1             | Brown sand, ochre sands & gravels.           | F        |                                     |      | 5.0                        | 5.0                     |                       | 8.3                  |               |              |       |                   | 26.10                  | —  |            |                 |         | Cased only.              |
| 1-2       | 1             | Coarse sands & gravels of quartz & sandstone | F        |                                     |      | 12.0                       | 17.0                    |                       | 24.9                 |               |              |       |                   | 19.10                  | —  |            |                 |         | Drilled then cased.      |
| 2-3       | 1             | " " "  | F        |                                     |      | 14.0                       | 31.0                    |                       | 25.0                 |               |              |       |                   | 8.50                   | —  |            |                 |         |                          |
| 3-4       | 1             | " " "  | F        |                                     |      | 26.0                       | 57.0                    |                       | 46.7                 |               |              |       |                   | 10.92                  | —  |            |                 |         |                          |
| 4-5       | 1             | " " "  | F        |                                     |      | 15.0                       | 72.0                    |                       | 24.7                 |               |              |       |                   | 10.00                  | —  |            |                 |         |                          |
| 5-6       | 1             | " " "  | F        |                                     |      | 13.0                       | 85.0                    |                       | 22.1                 |               |              |       |                   | 18.94                  | 0.1199<br>6.33                                     |            |                 |         | (2 colours)              |
| 6-7       | 1             | Sands & gravels with ochre clays             | F        |                                     |      | 2.0                        | 87.0                    |                       | 2.0                  |               |              |       |                   | 13.76                  | —  |            |                 |         |                          |
| 7-8       | 1             | Grey clays with some coal fragments.         | S        |                                     |      | 3.0                        | 90.0                    |                       | 5.1                  |               |              |       |                   | 9.71                   | —  |            |                 |         |                          |

Unbottomed at 42.0 metres on Conglomerate.

Average field grade \_\_\_\_\_ g. per cu. m.

949154

AUSTRALIAN ANGLO AMERICAN LIMITED

100

PROSPECT: EL22/80

AREA: SOUTH Esk

STATE: TASMANIA

Bore no: E3-A

Commenced time: 4.45 PM

Date: 27.2.81

Machine: GOMCO 210B

Casing shoe diameter: External

Off-set: -

Completed time: -

Date: -

Foreman/panner: -

Supervisor: -

SHEET 2/6

Collar level: -

| DEPTH (m) | THICKNESS (m) | DESCRIPTION OF GROUND                      | TENACITY | THEORETICAL VOL. (1000 lbs. cu.m.) |      | ACTUAL VOLUME             |                        |                      | WT OF MATERIALS (Kg) | WT (%)        |              |       | FIELD CONCENTRATE |                      |                  |            |                 | REMARKS |                          |             |
|-----------|---------------|--|----------|------------------------------------|------|---------------------------|------------------------|----------------------|----------------------|---------------|--------------|-------|-------------------|----------------------|------------------|------------|-----------------|---------|--------------------------|-------------|
|           |               |  |          | section                            | cum. | section (1000 lbs. cu.m.) | cum. (1000 lbs. cu.m.) | section vol. rec (%) |                      | SANDS/GRAVELS |              |       | CLAY              | actual wt (g) record | Au (mg) Au (ppm) | metre-gram | cum. metre-gram |         | prop. wt. (g) per cu. m. |             |
|           |               |  |          |                                    |      |                           |                        |                      |                      | +10 mm        | -10 m + 20 # | -20 # |                   |                      |                  |            |                 |         |                          |             |
| 8-9       | 1             | Grey clays with some coal fragments        | S        |                                    |      | 1.0                       | 91.0                   |                      | 3.3                  |               |              |       |                   | 16.22                | -                |            |                 |         |                          |             |
| 9-10      | 1             | Grey clays                                 | S        |                                    |      | 4.0                       | 95.0                   |                      | 6.0                  |               |              |       |                   | 22.42                | -                |            |                 |         |                          |             |
| 10-11     | 1             | Grey sandy clay                            | M        |                                    |      | 18.0                      | 113.0                  |                      | 12.7                 |               |              |       |                   | 16.59                | 0.833<br>1.97    |            |                 |         |                          |             |
| 11-12     | 1             | Grey sandy clay with some coal fragments   | F        |                                    |      | 3.0                       | 116.0                  |                      | 4.6                  |               |              |       |                   | 28.07                | TR<br>0.010      |            |                 |         |                          | (1 colour)  |
| 12-13     | 1             | Grey clayey sands with some coal fragments | F        |                                    |      | 10.0                      | 126.0                  |                      | 17.2                 |               |              |       |                   | 15.04                | -                |            |                 |         |                          |             |
| 13-14     | 1             | " " "                                      | F        |                                    |      | 14.0                      | 140.0                  |                      | 20.6                 |               |              |       |                   | 30.00                | -                |            |                 |         |                          | (2 colours) |
| 14-15     | 1             | " " "                                      | F        |                                    |      | 8.0                       | 148.0                  |                      | 13.1                 |               |              |       |                   | 14.99                | TR<br>0.032      |            |                 |         |                          |             |
| 15-16     | 1             | " " "                                      | F        |                                    |      | 7.0                       | 155.0                  |                      | 12.8                 |               |              |       |                   | 17.62                | TR<br>0.017      |            |                 |         |                          |             |

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AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22/80

AREA: SOUTH COK

STATE: TASMANIA

Bore no: E3-A

Commenced time: \_\_\_\_\_

Date: \_\_\_\_\_

Machine: \_\_\_\_\_

Casing shoe diameter: \_\_\_\_\_

Off-set: \_\_\_\_\_

Completed time: \_\_\_\_\_

Date: \_\_\_\_\_

Foreman/panner: \_\_\_\_\_

Supervisor: \_\_\_\_\_

Collar level: \_\_\_\_\_

SHEET 3/6

| DEPTH (m) | THICKNESS (m) | DESCRIPTION OF GROUND                             | TENACITY | THEORETICAL VOL. (1000 lbs. cu.m.) |      | ACTUAL VOLUME             |                        |                       | WT. OF MATERIALS (Kg) | WT (%)        |              |       | FIELD CONCENTRATE |                       |                           |            |                 | REMARKS |                          |
|-----------|---------------|---|----------|------------------------------------|------|---------------------------|------------------------|-----------------------|-----------------------|---------------|--------------|-------|-------------------|-----------------------|---------------------------|------------|-----------------|---------|--------------------------|
|           |               |   |          | section                            | cum. | section (1000 lbs. cu.m.) | cum. (1000 lbs. cu.m.) | section vol. rec. (%) |                       | SANDS/GRAVELS |              |       | CLAY              | actual wt. (g) recov. | Au (mg) per g (ppm) calc. | metre-gram | cum. metre-gram |         | prop. wt. (g) per cu. m. |
|           |               |   |          |                                    |      |                           |                        |                       |                       | +10 mm        | -10 m + 20 # | -20 # |                   |                       |                           |            |                 |         |                          |
| 16-17     | 1             | Grey-brown clayey sands with small coal fragments | F        |                                    |      | 15.0                      | 1700                   |                       | 25.7                  |               |              |       |                   | 16.31                 | 0.24<br>14.7              |            |                 |         | (3 colours)              |
| 17-18     | 1             | " " " "   | F        |                                    |      | 9.0                       | 1790                   |                       | 17.7                  |               |              |       |                   | 10.23                 | TR<br>0.024               |            |                 |         |                          |
| 18-19     | 1             | Grey-brown sandy clay                             | F        |                                    |      | 8.0                       | 181.0                  |                       | 17.3                  |               |              |       |                   | 17.28                 | TR<br>0.025               |            |                 |         | (1 colour)               |
| 19-20     | 1             | " " " "   | F        |                                    |      | 4.0                       | 191.0                  |                       | 6.2                   |               |              |       |                   | 11.14                 | 0.025<br>2.20             |            |                 |         | (1 colour)               |
| 20-21     | 1             | " " " "   | F        |                                    |      | 9.0                       | 200.0                  |                       | 16.1                  |               |              |       |                   | 15.27                 | TR<br>0.016               |            |                 |         | (1 colour)               |
| 21-22     | 1             | " " " "   | F        |                                    |      | 8.0                       | 208.0                  |                       | 14.9                  |               |              |       |                   | 15.20                 | 0.011<br>0.740            |            |                 |         | (1 colour)               |
| 22-23     | 1             | " " " "   | F        |                                    |      | 7.0                       | 215.0                  |                       | 14.2                  |               |              |       |                   | 13.40                 | 0.004<br>0.280            |            |                 |         |                          |
| 23-24     | 1             | " " " "   | F        |                                    |      | 9.0                       | 224.0                  |                       | 18.4                  |               |              |       |                   | 22.89                 | 0.034<br>1.47             |            |                 |         | (1 colour)               |
| 24-25     | 1             | " " " "   | F        |                                    |      | 4.0                       | 228.0                  |                       | 12.5                  |               |              |       |                   | 12.25                 | -                         |            |                 |         |                          |

AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL22/80

AREA: SOUTH ESK

STATE: TASMANIA

Bore no.: E3-A

Commenced time: \_\_\_\_\_

Date: \_\_\_\_\_

Machine: \_\_\_\_\_

Casing shoe diameter: \_\_\_\_\_

Off-set: \_\_\_\_\_

Completed time: \_\_\_\_\_

Date: \_\_\_\_\_

Foreman: \_\_\_\_\_  
panner: \_\_\_\_\_

Supervisor: \_\_\_\_\_

Collar level: \_\_\_\_\_

| DEPTH (m) | THICKNESS (m) | DESCRIPTION OF GROUND                                 | TENACITY | THEORETICAL VOL. (1000 lbs. cu. m.) |      | ACTUAL VOLUME |       |         | WT. OF MATERIALS (Kg) | WT. (%)            |                    |               | FIELD CONCENTRATE |                       |                        |            |                 | REMARKS |                          |
|-----------|---------------|---|----------|-------------------------------------|------|---------------|-------|---------|-----------------------|--------------------|--------------------|---------------|-------------------|-----------------------|------------------------|------------|-----------------|---------|--------------------------|
|           |               |   |          | section                             | cum. | section       | cum.  | section |                       | SANDS / GRAVELS    |                    |               | CLAY              | actual wt (g) record. | Pulver. (g) per (100g) | metre-gram | cum. metre-gram |         | prop. wt. (g) per cu. m. |
|           |               |   |          |                                     |      |               |       |         |                       | (1000 lbs. cu. m.) | (1000 lbs. cu. m.) | vol. rec. (%) |                   |                       |                        |            |                 |         |                          |
| 25-26     | 1             | Grey-brown sandy clay with some coal fragments        | F        |                                     |      | 5.0           | 233.0 |         | 9.3                   |                    |                    |               |                   | 18.37                 | -                      |            |                 |         | (1 colour)               |
| 26-27     | 1             | " " " "   | F        |                                     |      | 3.0           | 236.0 |         | 5.7                   |                    |                    |               |                   | 13.03                 | TR 0.010               |            |                 |         |                          |
| 27-28     | 1             | Grey sandy clay                                       | F        |                                     |      | 9.0           | 245.0 |         | 16.3                  |                    |                    |               |                   | 13.64                 | -                      |            |                 |         |                          |
| 28-29     | 1             | Grey sandy clay with small coal fragments             | F        |                                     |      | 4.0           | 249.0 |         | 6.2                   |                    |                    |               |                   | 17.28                 | -                      |            |                 |         |                          |
| 29-30     | 1             | " " " "   | F        |                                     |      | 8.0           | 257.0 |         | 11.9                  |                    |                    |               |                   | 15.01                 | -                      |            |                 |         |                          |
| 30-31     | 1             | " " " "   | F        |                                     |      | 7.0           | 264.0 |         | 11.9                  |                    |                    |               |                   | 12.96                 | -                      |            |                 |         |                          |
| 31-32     | 1             | " " " "   | F        |                                     |      | 7.0           | 271.0 |         | 13.1                  |                    |                    |               |                   | 16.71                 | TR 0.015               |            |                 |         |                          |
| 32-33     | 1             | Grey sandy clay with some quartz & sandstone gravels. | F        |                                     |      | 9.0           | 280.0 |         | 10.1                  |                    |                    |               |                   | 15.83                 | -                      |            |                 |         |                          |

102178

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AUSTRALIAN ANGLO AMERICAN LIMITED

PROSPECT: EL 22180

AREA SOUTH ESK

STATE: TASMANIA

Bore no: E3-A

Commenced time: \_\_\_\_\_

Date: \_\_\_\_\_

Machine: \_\_\_\_\_

Casing shoe diameter: \_\_\_\_\_

SHEET 5/6

Off-set: \_\_\_\_\_

Completed time: \_\_\_\_\_

Date: \_\_\_\_\_

Foreman, panner: \_\_\_\_\_

Supervisor: \_\_\_\_\_

Collar level: \_\_\_\_\_

| DEPTH (m) | THICKNESS (m) | DESCRIPTION OF GROUND                    | TENACITY | THEORETICAL VOL. (1000 lbs. cu.m.) |      | ACTUAL VOLUME |       |         | WT OF MATERIALS (Kg) | WT (%)        |               |              | FIELD CONCENTRATE |       |                        |  |            | REMARKS |                 |                          |
|-----------|---------------|--|----------|------------------------------------|------|---------------|-------|---------|----------------------|---------------|---------------|--------------|-------------------|-------|------------------------|--|------------|---------|-----------------|--------------------------|
|           |               |  |          | section                            | cum. | section       | cum.  | section |                      | vol. rec. (%) | SANDS/GRAVELS |              |                   | CLAY  | actual wt. (g) record. | Au (mg) m <sup>-2</sup> Au (ppm) m <sup>-2</sup> | metre-gram |         | cum. metre-gram | prog. wt. (g) per cu. m. |
|           |               |  |          |                                    |      |               |       |         |                      |               | +10 mm        | -10 m + 20 # | -20 #             |       |                        |  |            |         |                 |                          |
| 33-34     | 1             | Grey clayey sand with quartz gravels     | F        |                                    |      | 23.0          | 303.0 |         | 39.7                 |               |               |              |                   | 11.98 | -                      |  |            |         |                 |                          |
| 34-35     | 1             | " " "                                    | F        |                                    |      | 45.0          | 348.0 |         | 60.1                 |               |               |              |                   | 8.89  | 0.305<br>24.31         |  |            |         |                 | (3 colours)              |
| 35-36     | 1             | Grey sandy clay with some coal fragments | F        |                                    |      | 23.0          | 371.0 |         | 36.9                 |               |               |              |                   | 9.55  | 0.007<br>0.707         |  |            |         |                 | Not cased - Dilledady    |
| 36-37     | 1             | " " " "                                  | F        |                                    |      | 8.0           | 379.0 |         | 10.3                 |               |               |              |                   | 13.06 | -                      |  |            |         |                 |                          |
| 37-38     | 1             | " " " "                                  | F        |                                    |      | 6.0           | 385.0 |         | 5.2                  |               |               |              |                   | 4.41  | -                      |  |            |         |                 |                          |
| 38-39     | 1             | Grey sandy clay with gravels             | F        |                                    |      | 15.0          | 400.0 |         | 19.0                 |               |               |              |                   | 16.58 | -                      |  |            |         |                 |                          |
| 39-40     | 1             | " " " "                                  |          |                                    |      | 11.0          | 411.0 |         | 14.0                 |               |               |              |                   | 16.62 | 0.007<br>0.406         |  |            |         |                 |                          |
| 40-41     | 1             | " " " "                                  |          |                                    |      | 9.0           | 420.0 |         | 13.0                 |               |               |              |                   | 23.17 | -                      |  |            |         |                 |                          |

Bottomed / Unbottomed of \_\_\_\_\_ metres on \_\_\_\_\_ bedrock.

Average field grade \_\_\_\_\_ g. per cu. m.

949155

