R645-301-800. BONDING AND INSURANCE

As the Mathis Tract and New Federal Summit Creek Lease boundary change is simply an extension of underground mine workings under roughly 2,600 - 3,000 feet of cover there will be absolutely no effect to the surface and therefore has no influence on the reclamation bond already in place. ANDALEX is equipped with the required liability insurance.

R645-301-810. BONDING DEFINITIONS AND DIVISION RESPONSIBILITIES

N/A -- DIVISION

R645-301-811. TERMS USED

N/A -- DIVISION

R645-301-812. DIVISION RESPONSIBILITIES - BONDING

N/A -- DIVISION

R645-301-812.100. FORMS

N/A -- DIVISION

R645-301-812.200. REGULATION TERMS AND CONDITIONS FOR PERFORMANCE BONDS AND INSURANCE

N/A -- DIVISION

R645-301-812.300. BOND AMOUNT

N/A -- DIVISION

R645-301-812.400. SELF-BOND

N/A -- DIVISION

R645-301-812.500. BOND RELEASE

N/A -- DIVISION

R645-301-812.600. BOND FORFEITURE

N/A -- DIVISION
R645-301-812.700.  ADEQUATE BOND COVERAGE AT ALL TIMES

N/A -- DIVISION

R645-301-820.  REQUIREMENT TO FILE A BOND

Andalex currently holds a bond, approved by UDOGM in the amount of $1,080,000.00 and it is included in this MRP in Appendix B.

See also Appendix B

R645-301-820.100.  PRIOR TO PERMIT ISSUANCE

Appendix B

R645-301-820.110.  AREAS COVERED BY BONDING

Appendix B

R645-301-820.111.  REQUIREMENTS

Appendix B

R645-301-820.112.  INCREMENTAL BONDING

Appendix B

R645-301-820.113.  BONDING MAP

Plates 5 & 7

R645-301-820.114.  REQUIREMENTS

An estimate is provided in the Reclamation Cost Projection. Notably changed from the original bond estimate is the addition of the shop/warehouse complex, the removal of which will have to be added to the reclamation cost. The original estimate has also been revised to reflect current prices and wage estimate has also been revised to reflect current prices and wage schedules. Andalex frequently requires the use of dirt contractors and is therefore current on equipment rental costs, labor costs, and productivity, since we have a great deal of experience with construction projects. Andalex has used its experience in construction and earth moving projects to estimate the amount of time which will be required and the equipment needed for individual reclamation activities. Andalex has also been involved with several revegetation projects from which it drew estimates. Andalex has provided, as Plate 15, accurate as built versus reclaimed cross sections which show the mass balance for earthwork. The approximate original contours will be achieved
using the material cut out to create the fill areas. No material will be hauled in. Maps depicting accurately the surface facilities including topsoil areas, structures and facilities are included in Volume II and also specific topsoil maps and cross sections are included. Andalex expects to return topsoil to a depth of up to 6" around the surface area of 34.2 acres.

Phase I of the reclamation will include, chronologically, structure removal including culverts, portal sealing, well sealing, regrading, recontouring, distribution of topsoil and reVEGATATION. Additional sediment control during Phase I such as straw dikes and rock check dams will be implemented as shown on Plate 16. Once Phase I is adequately achieved, Phase II will commence which includes the removal of sediment structure E and reVEGATATION of this area. This is followed by monitoring, noting that monitoring had begun during Phase I. See 5.8 re Monitoring. This section discusses the extended period of liability as being ten years if necessary. The entire permit area receives less than 26 inches of annual precipitation; therefore, it is generally accepted that Andalex is subject to an extended period of liability. Obviously if reVEGATATION is deemed successful prior to this ten year period, Andalex will request bond release. Andalex has not proposed any selective husbandry practices.

**R645-301-820.120.** ACTIVITY RESTRICTION PRIOR TO BONDING

See R645-301-820.114.

**R645-301-820.130.** BONDING SCHEMES

See R645-301-820.114.

**R645-301-820.131.** PERFORMANCE BOND FOR ENTIRE PERMIT AREA

N/A

**R645-301-820.132.** CUMULATIVE BOND SCHEDULE AND PERFORMANCE BOND

Appendix B

**R645-301-820.133** INCREMENTAL BOND SCHEDULE AND PERFORMANCE BOND

N/A
FORM OF THE PERFORMANCE BOND

ALLOWABLE TYPES OF BONDS

SURETY BOND

COLLATERAL BOND

SELF BOND

COMBINATION OF BOND TYPES

PERIOD OF LIABILITY

REQUIREMENTS

BOND PHASES

RESTRICTIONS

INTENSIVE AGRICULTURAL POSTMINING LAND USE
Calculations of the estimate are included following this page. Calculations for cuts and fills were made and are summarized following the bond estimate. This summary shows the mass balance for the entire disturbed area including the Aberdeen site, as taken from Plates 14 and 15. Station numbers are referenced on Plate 14 and cross sections are shown on Plates 15-1, 2, and 3. Similarly, topsoil piles have been surveyed for the existing minesite and are summarized following the cut and fill summary. Because of deficits Andalex has committed to testing topsoil substitute areas.

Cost of Reclamation

Detailed Estimate

A detailed cost projection follows and includes reclamation of the left hand fork fan installation.

Calculations

Calculations of the estimate are included following this page. Calculations for cuts and fills were made and are summarized following the bond estimate. This summary shows the mass balance for the entire disturbed area including the Aberdeen site, as taken from Plates 14 and 15. Station numbers are referenced on Plate 14 and cross sections are shown on Plates 15-1, 2, and 3. Similarly, topsoil piles have been surveyed for the existing minesite and are summarized following the cut and fill summary. Because of deficits Andalex has committed to testing topsoil substitute areas.

Bond or Surety Arrangement

Andalex currently holds a bond, approved by UDOGM in the amount of $1,080,000.00 and it is included in this MRP in Appendix B.
The productivity of equipment is somewhat difficult to predict, and therefore, Andalex feels that conservative estimates were in order. There are many variables which contribute to the productivity of a particular machine, including operator skill, type of material, and the condition of the material.

It is obvious that a front-end loader, for example, can move more topsoil from a pile than, for example, a bouldery conglomerate of highly compacted material.

However, for the purpose of this analysis, it should be assured that based on means cost data the following prices on earthwork can be used:

- Open Dozer grading: $2.25/yd
- Fill Placement: $1.16/yd
- Topsoil Placement: $1.16/yd
- Topsoil Hauling: $4.55/yd
- Compaction: $.21/yd

The following cost projection reflects hourly rates. An additional earthwork estimate can be found following the mass balance estimates.
1989
Reclamation Cost Projection
Centennial Project

Lower Sunnyside Mine

Restoration to pre-mining land use will require:

<table>
<thead>
<tr>
<th>Job Description</th>
<th>Equipment</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Coal Pile Storage Area</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Seal portals, remove</td>
<td>Loader</td>
<td>8</td>
<td>$640</td>
</tr>
<tr>
<td>b. Fill pad</td>
<td>Loader</td>
<td>55</td>
<td>4,400</td>
</tr>
<tr>
<td>c. Contour slope including stream</td>
<td>D-7</td>
<td>50</td>
<td>4,000</td>
</tr>
<tr>
<td>channel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Compact</td>
<td>Loader</td>
<td>15</td>
<td>1,200</td>
</tr>
<tr>
<td>e. Replace topsoil</td>
<td>Loader</td>
<td>23</td>
<td>1,840</td>
</tr>
<tr>
<td>f. Grade topsoil</td>
<td>Grader</td>
<td>15</td>
<td>1,050</td>
</tr>
<tr>
<td>g. Revegetate</td>
<td>Drill</td>
<td>7</td>
<td>350</td>
</tr>
<tr>
<td>h. Stake</td>
<td>Engineer</td>
<td>14</td>
<td>700</td>
</tr>
<tr>
<td><strong>Total Coal Pile Area:</strong></td>
<td></td>
<td></td>
<td>$14,180</td>
</tr>
</tbody>
</table>

| **2. Roads**                         |           |       |       |
| a. Recontour                         | D-7       | 5     | $400  |
| b. Compact                            | Loader    | 3     | 240   |
| c. Replace topsoil                    | Loader    | 2     | 160   |
| d. Grade topsoil                      | Grader    | 2     | 140   |
| e. Revegetate                         | Drill     | 1     | 50    |
| **Total Roads:**                     |           |       | $990  |

| **3. Seal Wells (2)**                |           |       |       |
| a. Fill, cement                      |           |       | $800  |
| **Total Wells:**                     |           |       | $800  |

<table>
<thead>
<tr>
<th><strong>4. Material Storage Area</strong> (including topsoil pile)**</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Remove all structures</td>
<td>5 man crew</td>
<td>120</td>
<td>$9,000</td>
</tr>
<tr>
<td>b. Recontour including</td>
<td>D-7</td>
<td>30</td>
<td>2,400</td>
</tr>
<tr>
<td>stream channel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Compact</td>
<td>Loader</td>
<td>4</td>
<td>320</td>
</tr>
<tr>
<td>d. Replace topsoil</td>
<td>Loader</td>
<td>8</td>
<td>640</td>
</tr>
<tr>
<td>e. Grade topsoil</td>
<td>Grader</td>
<td>4</td>
<td>280</td>
</tr>
<tr>
<td>f. Revegetate</td>
<td>Drill</td>
<td>2</td>
<td>100</td>
</tr>
<tr>
<td>g. Stake</td>
<td>Engineer</td>
<td>14</td>
<td>700</td>
</tr>
<tr>
<td><strong>Total Material Storage:</strong></td>
<td></td>
<td></td>
<td>$13,440</td>
</tr>
</tbody>
</table>

INCORPORATED
OCT 07 2002
DIV OF OIL GAS & MINING
Gilson (Pinnacle Mine)

Restoration to the pre-mining land use will require:

<table>
<thead>
<tr>
<th>Job Description</th>
<th>Equipment</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mine Portal Area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Seal portals, remove</td>
<td>Loader</td>
<td>8</td>
<td>$640</td>
</tr>
<tr>
<td>b. Fill pad</td>
<td>Loader</td>
<td>12</td>
<td>$960</td>
</tr>
<tr>
<td>c. Contour slope</td>
<td>D-7</td>
<td>8</td>
<td>$640</td>
</tr>
<tr>
<td>d. Compact</td>
<td>Loader</td>
<td>4</td>
<td>$320</td>
</tr>
<tr>
<td>e. Replace topsoil</td>
<td>Loader</td>
<td>6</td>
<td>$480</td>
</tr>
<tr>
<td>f. Grade topsoil</td>
<td>Grader</td>
<td>4</td>
<td>$280</td>
</tr>
<tr>
<td>g. Revegetate</td>
<td>Drill</td>
<td>2</td>
<td>$100</td>
</tr>
<tr>
<td>h. Stake slope</td>
<td>Engineer</td>
<td>4</td>
<td>$200</td>
</tr>
<tr>
<td><strong>Total Portal:</strong></td>
<td></td>
<td></td>
<td><strong>$3,620</strong></td>
</tr>
<tr>
<td>2. Roads (1 mile)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Recontour</td>
<td>D-7</td>
<td>20</td>
<td>$1,600</td>
</tr>
<tr>
<td>b. Compact</td>
<td>Loader</td>
<td>10</td>
<td>$800</td>
</tr>
<tr>
<td>c. Topsoil</td>
<td>Loader</td>
<td>8</td>
<td>$640</td>
</tr>
<tr>
<td>d. Grade</td>
<td>Grader</td>
<td>8</td>
<td>$560</td>
</tr>
<tr>
<td>e. Revegetate</td>
<td>Drill</td>
<td>4</td>
<td>$200</td>
</tr>
<tr>
<td><strong>Total Roads:</strong></td>
<td></td>
<td></td>
<td><strong>$3,800</strong></td>
</tr>
<tr>
<td>3. Coal Pile Area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Fill pad</td>
<td>Loader</td>
<td>16</td>
<td>$1,280</td>
</tr>
<tr>
<td>b. Contour slope including stream channel</td>
<td>D-7</td>
<td>20</td>
<td>$1,600</td>
</tr>
<tr>
<td>c. Compact</td>
<td>Loader</td>
<td>4</td>
<td>$320</td>
</tr>
<tr>
<td>d. Topsoil</td>
<td>Loader</td>
<td>6</td>
<td>$480</td>
</tr>
<tr>
<td>e. Grade</td>
<td>Grader</td>
<td>4</td>
<td>$280</td>
</tr>
<tr>
<td>f. Revegetate</td>
<td>Drill</td>
<td>2</td>
<td>$100</td>
</tr>
<tr>
<td>g. Stake</td>
<td>Engineer</td>
<td>4</td>
<td>$200</td>
</tr>
<tr>
<td><strong>Total Stockpile Area:</strong></td>
<td></td>
<td></td>
<td><strong>$4,260</strong></td>
</tr>
<tr>
<td>4. Seal Wells</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Fill, cement</td>
<td></td>
<td>8</td>
<td>$1,000</td>
</tr>
<tr>
<td><strong>Total Wells:</strong></td>
<td></td>
<td></td>
<td><strong>$1,000</strong></td>
</tr>
<tr>
<td>5. Material Storage &amp; Building Areas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Remove all structures</td>
<td></td>
<td>240</td>
<td>$27,000</td>
</tr>
<tr>
<td>(including shop/warehouse)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Recontour including stream channel</td>
<td>D-7</td>
<td>30</td>
<td>$2,400</td>
</tr>
<tr>
<td>c. Compact</td>
<td>Loader</td>
<td>4</td>
<td>$320</td>
</tr>
<tr>
<td>d. Replace topsoil</td>
<td>Loader</td>
<td>8</td>
<td>$640</td>
</tr>
<tr>
<td>e. Grade</td>
<td>Grader</td>
<td>4</td>
<td>$280</td>
</tr>
<tr>
<td>f. Revegetate</td>
<td>Drill</td>
<td>2</td>
<td>$100</td>
</tr>
<tr>
<td><strong>Total Material:</strong></td>
<td></td>
<td></td>
<td><strong>$30,740</strong></td>
</tr>
</tbody>
</table>

INTEGRATED

8-8 OCT 07 1992
DIV OF OIL, GAS & MINING
Aberdeen Mine

Restoration to the pre-mining land use will require:

1. Mine Portal Area
   a. Seal portals, remove conveyor, etc. 
      Equipment: Loader  
      Hours: 8  
      Cost: $640
   b. Fill pad 
      Equipment: Loader  
      Hours: 24  
      Cost: $1,920
   c. Contour slope 
      Equipment: D-7  
      Hours: 16  
      Cost: $1,280
   d. Compact 
      Equipment: Loader  
      Hours: 8  
      Cost: $640
   e. Replace topsoil 
      Equipment: Loader  
      Hours: 12  
      Cost: $960
   f. Grade topsoil 
      Equipment: Grader  
      Hours: 8  
      Cost: $560
   g. Revegetate 
      Equipment: Drill  
      Hours: 4  
      Cost: $200
   h. Stake slope 
      Equipment: Engineer  
      Hours: 8  
      Cost: $400
   Total Portal Area: $6,600

2. Coal Pile Area
   (including topsoil storage and sedimentation pond)
   a. Fill pad 
      Equipment: Loader  
      Hours: 50  
      Cost: $4,000
   b. Contour slope including stream channel 
      Equipment: D-7  
      Hours: 50  
      Cost: $4,000
   c. Compact 
      Equipment: Loader  
      Hours: 15  
      Cost: $1,200
   d. Replace topsoil 
      Equipment: Loader  
      Hours: 22  
      Cost: $1,760
   e. Grade topsoil 
      Equipment: Grader  
      Hours: 15  
      Cost: $1,050
   f. Revegetate 
      Equipment: Drill  
      Hours: 7  
      Cost: $350
   g. Stake slope 
      Equipment: Engineer  
      Hours: 14  
      Cost: $700
   Total Stockpile Area: $13,060

3) a. Seal Portals, fill cut slope 
      Equipment: Loader  
      Hours: 8  
      Cost: $640
   b. Remove culvert 
      Equipment: Backhoe  
      Hours: 25  
      Cost: $2,000
   c. Contour stream channel 
      Equipment: D-7  
      Hours: 16  
      Cost: $1,280
   d. Contour slope 
      Equipment: D-7  
      Hours: 16  
      Cost: $1,280
   e. Compact 
      Equipment: Loader  
      Hours: 8  
      Cost: $640
   f. Replace topsoil 
      Equipment: Loader  
      Hours: 16  
      Cost: $1,200
   g. REVEGATATION  
      Equipment: Drill  
      Hours: 2  
      Cost: $100
   h. Stake slope 
      Equipment: Engineer  
      Hours: 8  
      Cost: $400
   Total Stockpile Area: $7,540

INTEGRATED

CCT 07 2002
DIV OF OIL GAS & MINING

8-9
Office Site

Restoration to pre-mining land use will require:

<table>
<thead>
<tr>
<th>Job Description</th>
<th>Equipment</th>
<th>Hours</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Office Site</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Remove structures</td>
<td>5 man crew</td>
<td>50</td>
<td>$3,750</td>
</tr>
<tr>
<td>b. Recontour</td>
<td>D-7</td>
<td>8</td>
<td>640</td>
</tr>
<tr>
<td>c. Compact</td>
<td>Loader</td>
<td>4</td>
<td>320</td>
</tr>
<tr>
<td>d. Replace topsoil</td>
<td>Loader</td>
<td>4</td>
<td>320</td>
</tr>
<tr>
<td>e. Grade topsoil</td>
<td>Grader</td>
<td>4</td>
<td>280</td>
</tr>
<tr>
<td>f. Revegetate</td>
<td>Drill</td>
<td>2</td>
<td>100</td>
</tr>
<tr>
<td>g. Stake slope</td>
<td>Engineer</td>
<td>4</td>
<td>200</td>
</tr>
<tr>
<td>Total Office Site:</td>
<td></td>
<td></td>
<td>$5,610</td>
</tr>
</tbody>
</table>

2. Seal Well (1)

| a. Fill, cement       |             | 4     | $400  |
| Total Well:           |             |       | $400  |

3. Roads 1/4 Mile

| a. Recontour          | D-7         | 5     | $400  |
| b. Compact            | Loader      | 3     | 240   |
| c. Replace topsoil    | Loader      | 2     | 160   |
| d. Grade topsoil      | Grader      | 2     | 140   |
| e. Revegetate         | Drill       | 1     | 50    |
| Total Roads:          |             |       | $990  |

Total Projected Reclamation Costs:

<table>
<thead>
<tr>
<th>Mine</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Sunnyside Mine</td>
<td>$29,410</td>
</tr>
<tr>
<td>Gilson (Pinnacle) Mine</td>
<td>$43,420</td>
</tr>
<tr>
<td>Aberdeen Mine</td>
<td>$27,200</td>
</tr>
<tr>
<td>Office Site</td>
<td>$7,000</td>
</tr>
<tr>
<td>Monitoring (5 years)</td>
<td>$10,000</td>
</tr>
<tr>
<td>Total Reclamation, 1987</td>
<td>$117,490</td>
</tr>
<tr>
<td>Contingency 10%</td>
<td>$11,750</td>
</tr>
<tr>
<td>Grand Total*</td>
<td>$129,240</td>
</tr>
</tbody>
</table>

* Please note that as no reclamation is required for the Centennial Seam Mine no costs for reclamation are described above.
# Mass Balance Summary

<table>
<thead>
<tr>
<th>Station</th>
<th>Cut ft²</th>
<th>Cut yd³</th>
<th>Fill ft²</th>
<th>Fill yd³</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1 + 00</td>
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<td>963</td>
<td>160</td>
<td>2148</td>
</tr>
<tr>
<td>0 + 00</td>
<td>0</td>
<td>815</td>
<td>1000</td>
<td>1889</td>
</tr>
<tr>
<td>1 + 00</td>
<td>440</td>
<td>1000</td>
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<td>407</td>
</tr>
<tr>
<td>2 + 00</td>
<td>100</td>
<td>1074</td>
<td>200</td>
<td>1259</td>
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<tr>
<td>3 + 00</td>
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<td>3333</td>
<td>480</td>
<td>1519</td>
</tr>
<tr>
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<td>5593</td>
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<tr>
<td>12 + 00</td>
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<td>2889</td>
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<td>2000</td>
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<tr>
<td>43 + 00</td>
<td>80</td>
<td>148</td>
<td>80</td>
<td>148</td>
</tr>
</tbody>
</table>

* Total Cut = 147,555 yd³
* Total Fill = 163,825 yd³
* Ratio of fill to cut = 1.11:1.00. This allows for an expansion factor of 1.11 or 11% on the cut material.
As Constructed Earthwork Volume (Aberdeen Mine and Left Fork Fan)

<table>
<thead>
<tr>
<th>Item</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cut</td>
<td>72,406 yds.³</td>
</tr>
<tr>
<td>Fill</td>
<td>76,925 yds.³</td>
</tr>
<tr>
<td>Topsoil (Piles H &amp; J)</td>
<td>4,250 yds.³</td>
</tr>
</tbody>
</table>

As Constructed Earthwork Volumes (including Aberdeen Site)

<table>
<thead>
<tr>
<th>Item</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cut</td>
<td>117,273 yds.³</td>
</tr>
<tr>
<td>Fill</td>
<td>112,969 yds.³</td>
</tr>
<tr>
<td>Topsoil</td>
<td>8,500 yds.³</td>
</tr>
</tbody>
</table>

For purposes of reclamation costs for earthwork, the following estimates can be used. Please keep in mind that as built cross sections for the Aberdeen Mine will aid in the final earthwork estimates.

Open Grading (including 10% swell factor)

\[
\begin{align*}
76,925 + 7693 &= 84,618 \times 2.25 = 189,150 \\
112,969 + 11,297 &= 124,266 \times 2.25 = 283,654 \\
208,884 \times 2.25 &= 469,989 \\
\end{align*}
\]

Topsoil Hauling and Placement

\[
22,750 + 2275 = 25,025 \times 5.71 = 142,893
\]

Compaction

\[158,294 \times .21 = 33,242\]

Total Earthwork: $646,124

There is a 8,000 yd.³ topsoil deficit. The topsoil substitutes will make up this deficit.

The test plots previously discussed regarding the topsoil deficit is further discussed here.

Two test plot locations were decided upon based on certain known parameters. The 5,240 yard substitute material area chosen was once designated as substitute topsoil. Now that the shop building is in place, this should not have any impact on the suitability of the material. The second location depicted on Plate 6 near the Apex Truck Loadout is very similar, if not identical material, to the shop pad material (the rEVEGATATION test will ultimately prove this). To prove the materials suitability, Andalex has proposed to test the material using the approved seed mixture on the locations shown on Plate 6. The area of the test plots are both currently heavily vegetated indicating good potential. These test plots will be monitored for two years and evaluated for growth and species success. It is anticipated that these areas will succeed and solve the deficit problem.
BONDED AREAS
See Plate 6, R645-301-830., Appendix B

DETERMINATION BY DIVISION
See R645-301-820.114.

REQUIREMENTS OF APPROVED PERMIT AND RECLAMATION PLAN
See R645-301-820.114.

DIFFICULTY OF RECLAMATION
See R645-301-820.114.

DETAILED COST ESTIMATE
See R645-301-240.

MINIMUM BOND AMOUNT
See R645-301-240.

INFLATION
See R645-301-240.

ADJUSTMENT OF AMOUNT
N/A -- DIVISION

CONDITIONS OF ADJUSTMENT
N/A -- DIVISION

DIVISION ACTION
N/A -- DIVISION

NOTIFICATION
N/A -- DIVISION

INFORMAL CONFERENCE
N/A -- DIVISION

8-13
REQUEST FOR ADJUSTMENT BY PERMITTEE

PERMIT REVISIONS

SUBSIDENCE

GENERAL TERMS AND CONDITIONS OF THE BOND

AMOUNT

PAYABLE TO DIVISION

PERFORMANCE

DURATION

GENERAL

NOTICE REQUIREMENTS

INADEQUATE BOND COVERAGE

BONDING REQUIREMENTS FOR UNDERGROUND MINING OPERATIONS
R645-301-850.100. RESPONSIBILITIES
Appendix B

R645-301-850.200. LONG-TERM PERIOD OF LIABILITY
Appendix B

R645-301-850.210. PERIOD OF LIABILITY
Appendix B

R645-301-850.220. SURFACE FACILITIES AND STRUCTURES
Appendix B

R645-301-850.230. CONTINUOUS BOND COVERAGE
Appendix B

R645-301-850.240. EXTENDED RESPONSIBILITY
Appendix B

R645-301-850.300. BOND FORFEITURE
Appendix B

R645-301-850.310. CONTINUOUS COVERAGE
Appendix B

R645-301-850.320. EXTENDED RESPONSIBILITY
Appendix B

R645-301-860. FORMS OF BONDS
Appendix B

R645-301-860.100. SURETY BONDS
Appendix B

R645-301-860.110. EXECUTION
Appendix B

8-15
Appendix B

R645-301-860.120. TERMS

N/A

R645-301-860.200. COLLATERAL BONDS

N/A

R645-301-860.210. CONDITIONS

N/A

R645-301-860.211. CUSTODY

N/A

R645-301-860.212. MARKET VALUE

N/A

R645-301-860.213. ASSIGNMENT

N/A

R645-301-860.214. F.D.I.C. LIMITS

N/A

R645-301-860.220. LETTERS OF CREDIT

N/A

R645-301-860.221. QUALIFICATIONS

N/A

R645-301-860.222. IRREVOCABLE AND CONTINUOUS

N/A

R645-301-860.223. PAYABLE ON DEMAND

N/A

R645-301-860.230. REAL PROPERTY

N/A
R645-301-860.231. CONDITIONS
N/A

R645-301-860.232. SCHEDULE OF REAL PROPERTY
N/A

R645-301-860.232.1 DESCRIPTION
N/A

R645-301-860.232.2 FAIR MARKET VALUE
N/A

R645-301-860.232.3 PROOF OF POSSESSION AND TITLE
N/A

R645-301-860.233. RESTRICTIONS
N/A

R645-301-860.240. CASH ACCOUNTS
N/A

R645-301-860.241. BOND SUPPLEMENTS
N/A

R645-301-860.242. INTEREST
N/A

R645-301-860.243. CERTIFICATES OF DEPOSIT
N/A

R645-301-860.244. F.D.I.C. LIMITATIONS
N/A

R645-301-860.250. BOND VALUE OF COLLATERAL
N/A
R645-301-860.251. BOND MARGIN
N/A

R645-301-860.252. EVALUATION AND ADJUSTMENTS
N/A

R645-301-860.260. NOTIFICATION
N/A

R645-301-860.300. SELF-BONDING
N/A

R645-301-860.310. DEFINITIONS
N/A

R645-301-860.320. CONDITIONS
N/A

R645-301-860.321. RESIDENT AGENT
N/A

R645-301-860.322. CONTINUOUS OPERATION
N/A

R645-301-860.322.1 JOINT VENTURES OR SYNDICATES
N/A

R645-301-860.322.2 CALCULATION OF BUSINESS DURATION
N/A

R645-301-860.323. FINANCIAL INFORMATION
N/A

R645-301-860.323.1 BOND RATING
N/A

8-18
TANGIBLE NET WORTH

ASSETS AND LIABILITIES

SUBMITTAL

AUDITED FINANCIAL STATEMENTS

UNAUDITED FINANCIAL STATEMENTS

ADDITIONAL UNAUDITED INFORMATION

ANNUAL REPORT

SELF BONDING CONDITIONS

LIABILITY

TERMS

CANCELLATION

REQUIREMENTS
R645-301-860.350. CONDITIONS
N/A

R645-301-860.360. INDEMNITY AGREEMENT
N/A

R645-301-860.361. EXECUTION
N/A

R645-301-860.362. AUTHORIZATION
N/A

R645-301-860.363. BINDER
N/A

R645-301-860.364. DEFAULT
N/A

R645-301-860.365. FORFEITURE
N/A

R645-301-860.370. UPDATE INFORMATION
N/A

R645-301-860.380. NOTIFICATION REQUIREMENTS
N/A

R645-301-870. REPLACEMENT OF BONDS
N/A

R645-301-870.100. EQUIVALENT COVERAGE
N/A

R645-301-870.220. CONDITIONS
N/A

8-20
REQUIREMENT TO RELEASE PERFORMANCE BONDS

N/A -- UNTIL FINAL RECLAMATION

R645-301-880.100. BOND RELEASE APPLICATION
N/A

R645-301-880.110. TIMING
N/A

R645-301-880.120. PUBLICATION
N/A

R645-301-880.200. INSPECTION BY THE DIVISION
N/A

R645-301-880.210. EVALUATION AND PROCEEDINGS
N/A

R645-301-880.220. NOTIFICATION OF BOND RELEASE
N/A

R645-301-880.300. PHASED BOND RELEASE
N/A

R645-301-880.310. PHASE I
N/A

R645-301-880.320. PHASE II
N/A

R645-301-880.330. PHASE III
N/A

R645-301-880.400. DISAPPROVAL
N/A
NOTIFICATION PRIOR TO BOND RELEASE

R645-301-880.500.
N/A

WRITTEN OBJECTIONS

R645-301-880.600.
N/A

PUBLIC HEARING

R645-301-880.700.
N/A

INFORMAL CONFERENCE

R645-301-880.800.
N/A

FORFEITURE OF BONDS

R645-301-880.900.
N/A

CONDITIONS

R645-301-880.910.
N/A

NOTIFICATION

R645-301-880.911.
N/A

AVOIDANCE

R645-301-880.912.
N/A

COMPLIANCE SCHEDULE

R645-301-880.912.1
N/A

RECLAMATION IN LIEU OF BOND FORFEITURE

R645-301-880.912.2
N/A

FORFEITURE

R645-301-880.920.
N/A

COLLECTION

R645-301-880.921.
N/A

8-22
R645-301-880.922. USE OF FUNDS
N/A

R645-301-880.930. EXTENDED LIABILITY
N/A

R645-301-880.931. REMAINING LIABILITY
N/A

R645-301-880.932. UNUSED FUNDS
N/A

R645-301-890. TERMS AND CONDITIONS FOR LIABILITY INSURANCE
N/A

R645-301-890.100. POLICY REQUIREMENTS
N/A

R645-301-890.200. LIABILITY PERIOD
N/A

R645-301-890.300. NOTIFICATION
N/A

R645-301-890.400. SELF-INSURANCE
N/A
VERIFICATION STATEMENT

STATE OF UTAH )
COUNTY OF CARBON )

I, Michael W. Glasson, having been duly sworn, depose and attest that all of the representations contained in the foregoing application and true, accurate and complete to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: 

Taken, subscribed and sworn to me before the undersigned authority in my said county, this 1995 day of June, 1995.

Notary Public: 

My Commission Expires: July 22, 1997

Andalex Resources, Inc.
Mine Plan Cross Reference
To Coal Mining Rules R645
Updated - Technical Analysis 6/15/95

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