FENCE DIAGRAM

BEST FIT DISTANCE FROM FIRST BORING (M.)

THese BORING logs and TEST SUMMARIES apply only at the locations DRILLED and at the time of exploration. Conditions may differ at other locations and may change at these locations with time. Data is a simplification. See sheet B-1158 for fence diagram legend.

ORIGINAL CONSTRUCTION CONTRACT NO 1309, 1981
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION
ALTA DRIVE
GRADE SEPARATION
LOG OF BORINGS

KLEINFELDER
515 S. 8TH ST.
LAS VEGAS, NV 89101

CHECKED BY:

REVIEWED BY:

This is a digital copy from AppXtender by h9028jap; Jeffrey Palmer
### Fence Diagram

#### H-1. Penetration Classification - A

<table>
<thead>
<tr>
<th>BORE No.</th>
<th>FT.</th>
<th>DENSITY</th>
<th>CONSISTENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 5</td>
<td></td>
<td>VERY LOOSE</td>
<td>VERY SOFT</td>
</tr>
<tr>
<td>6 - 12</td>
<td></td>
<td>LOOSE</td>
<td>SOFT</td>
</tr>
<tr>
<td>13 - 30</td>
<td></td>
<td>MEDIUM DENSE</td>
<td>MEDIUM STIFF</td>
</tr>
<tr>
<td>37 - 60</td>
<td></td>
<td>DENSE</td>
<td>SOFT</td>
</tr>
<tr>
<td>OVER 60</td>
<td></td>
<td>VERY DENSE</td>
<td>STIFF</td>
</tr>
</tbody>
</table>

- Penetration test 1½ in. hammer, with a 30° free fall on a 2.5° O.D. 1.56 In. Sampler.

#### Standard Penetration Classification - B

<table>
<thead>
<tr>
<th>BORE No.</th>
<th>FT.</th>
<th>DENSITY</th>
<th>CONSISTENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td></td>
<td>VERY LOOSE</td>
<td>VERY SOFT</td>
</tr>
<tr>
<td>5 - 10</td>
<td></td>
<td>LOOSE</td>
<td>SOFT</td>
</tr>
<tr>
<td>11 - 30</td>
<td></td>
<td>MEDIUM DENSE</td>
<td>MEDIUM STIFF</td>
</tr>
<tr>
<td>31 - 50</td>
<td></td>
<td>DENSE</td>
<td>STIFF</td>
</tr>
<tr>
<td>OVER 50</td>
<td></td>
<td>VERY DENSE</td>
<td>STIFF</td>
</tr>
</tbody>
</table>

- Penetration test 1½ in. hammer, with a 30° free fall on a 2.5° O.D. 1.56 In. Sampler.

#### Unified Soil Classification

- **Gravel**
  - Well-graded gravel, gravel-sand mixtures, little or no fines.
  - Gravel with fines less than 25%.
  - Clayey gravel, gravel-sandy clay mixtures.
  - Silty gravel, poorly graded gravel-silt mixtures.
  - Well-graded sands, gravelly-zone with little or no fines.
  - Clayey gravel, gravel-sandy-clay mixtures.
  - Silty sands, poorly graded gravel-sand-silt mixtures.
  - Silty sands, poorly graded gravel-sand-silt mixtures.

- **Sand**
  - Clean sand or clean fine sand.
  - Clean sand, very fine sand.
  - Clean sand, medium sand.
  - Clean sand, coarse sand.

- **Silt**
  - Fine, medium, or coarse silt.
  - Fine, medium, or coarse silt.

- **Clay**
  - Clayey sand, clayey silt, clayey silty sand.
  - Organic silt and clays of low to medium plasticity.
  - Inorganic silts and clays of low plasticity.
  - Organic silt and clays of medium plasticity.

- **Organic Soils**
  - Organic silt and clay soils of medium to high plasticity.
  - Organic silt and clay soils of medium to high plasticity.

#### Boundary Classifications Utilize Dual Symbols

### Original Construction Contract No. 13091551

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

FENCE DIAGRAM LEGEND

KLEINFELDER

REvised BY: [Signature]
REvised: [Date]

This is a digital copy from AppXtender by h9028jap; Jeffrey Palmer