APPENDIX B

Logs Of Borings from 2003 Geotechnical Investigation
RQD values are the hard, intact rocks evaluation. This data consisted of soft, weathered, and moderately to poorly cemented sandstone, and the RQD values should be ignored.
**Stanford Linear Accelerator Center**

**Tunnel Project - CET No. 4059**

**LOG OF BOREHOLE NO.** 4059-C  
**LOCATION:** G6-AC  
**COORDINATES:** Lat: 37° 33' 28"N Long: 122° 30' 57"W  
**REFERENCE POINT FOR DEPTH MEASUREMENT:** Ground Surface  
**SURFACE CONDITION:** Pale tan, with grass.  
**ELEVATION OF GROUND SURFACE:** 37.00 ft (datum)  
**DIRECTION OF BOREHOLE:** Vertical  
**INCLINATION FROM HORIZONTAL:** 1°  
**TOTAL DEPTH:** 115.0 ft  
**DATE STARTED:** 01/01/2001  
**CONTRACTOR:** Emery Company  
**DRILL RIG:** CAT-63 Track Mounted  
**DIRECSON:** East-North  
**LOGGED BY:** J. Chien  
**DRAWN:** J. Baker  
**APPROVED:** 01/01/2001  
**NUMBER OF CORE BOXES:** 5  
**STORED:** G6-AC  
**REMARKS:**

- Bedrock identified at 105 ft, and CCT and CPT bases are at 105 ft.  

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**LOGS**

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description</th>
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| 0-50      | Pale tan, with grass.  
| 50-100    | Pale tan, with grass.  
| 100-115   | Pale tan, with grass.  

**REMARKS**

- Bedrock identified at 105 ft, and CCT and CPT bases are at 105 ft.

**RQD values**

RQD values are for hard, intact rock evaluation. This site consisted of soft, weathered, and moderately to poorly cemented sandstone, and the RQD values should be ignored.
The image contains a log of borehole data from the Stanford Linear Accelerator Center Tunnel Project - CET No. 4059. The log provides detailed information about the borehole, including its location, coordinates, and elevation from the ground surface. The log also includes descriptive notes about the geological layers encountered during drilling, such as mudstone, siltstone, sandstone, and conglomerate. The borehole data is used for engineering and construction purposes, particularly for tunneling projects. The log notes the presence of various geological features and their potential impact on the construction of the tunnel.
FIGURE 12

SUMMARY LOG OF BORING SB-E

PROPOSED LCLS TUNNEL PROJECT
STANFORD LINEAR ACCELERATOR CENTER
MENLO PARK, CALIFORNIA

Cu: 113 psi, w: 12.4, 123.3, SD: type III
Cu: 166 psi, w: 13.1, 130.9, SD: type III
Cu: 23 psi, w: 14.0, 124.1, SD: type III