Water Quality Analysis

**Company:** Maggiora Bros. Drilling  
**Date:** 20-Jun-19

**Well:** Kjeldsen Sinnock  
**Run:** One

**Field:** Fremont  
**Job Ticket:** 25714

**State:** California  
**Total Depth:** 420ft

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>S.P. (mV)</th>
<th>Rwe (ohm-m)</th>
<th>Rw NaCl (ohm-m)</th>
<th>Rw NaHCO3 (ohm-m)</th>
<th>Sp. Cond. (µS/cm)</th>
<th>T.D.S (ppm)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 ft to 110 ft</td>
<td>-6.60</td>
<td>6.4</td>
<td>8.1</td>
<td>9.5</td>
<td>1240</td>
<td>1054</td>
<td>657</td>
</tr>
<tr>
<td>140 ft to 210 ft</td>
<td>-2.50</td>
<td>7.3</td>
<td>9.5</td>
<td>11.2</td>
<td>1052</td>
<td>894</td>
<td>558</td>
</tr>
<tr>
<td>210 ft to 260 ft</td>
<td>-12.50</td>
<td>5.3</td>
<td>6.4</td>
<td>7.5</td>
<td>1569</td>
<td>1334</td>
<td>832</td>
</tr>
<tr>
<td>310 ft to 344 ft</td>
<td>-8.30</td>
<td>6.1</td>
<td>7.5</td>
<td>8.9</td>
<td>1327</td>
<td>1128</td>
<td>703</td>
</tr>
</tbody>
</table>

Class I - Less than 500 ppm (mg/l) or 900 µS/cm - Below California Secondary MCL Recommended Limit  
Class II - Less than 1000 ppm (mg/l) or 1600 µS/cm - Below California Secondary MCL Upper Limit  
Class III - Less than 1500 ppm (mg/l) or 2200 µS/cm - Below California Secondary MCL Short Term Limit  
Class IV - Greater than 1500 ppm (mg/l) or 2200 µS/cm - Exceeds California Secondary MCL Short Term Limit  
MCL - Maximum Contaminant Level

This interpretation represents our best judgement based on given values. Since all interpretations are opinions based solely on interference from electrical and other measurements, we can not and do not guarantee the accuracy or correctness of this interpretation and shall not be liable for any cost, damages or expenses that may be incurred from this or any other interpretation.