

LAS VEGAS VALLEY WATER DISTRICT

AR-122 AR-123

Lithologic Log for Geophysical borehole

86805
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| TOP | BOTTOM | THICKNESS | SOILS CLASSIFICATION | LITHOLOGIC DESCRIPTION |
|------|--------|-----------|----------------------|---|
| 0 | 14 | 14 | | Conductor Casing |
| 14 | 22 | 8 | SM | Lightly cemented gravel, fine sand, silt mixture |
| 22 | 24 | 2 | SM | Moderately well cemented gravel, fine sand, silt mixture |
| 24 | 58 | 34 | SM | Light - moderate cementation of gravel, fine sand, silt mixture |
| 58 | 60 | 2 | SM | Moderately well cemented gravel, fine sand, silt mixture |
| 60 | 86 | 26 | SM | Light - moderate cementation of gravel, fine sand, silt mixture |
| 86 | 100 | 14 | SM | Moderately well cemented gravel, fine sand, silt mixture |
| 100 | 142 | 42 | ML | Lightly cemented fine sand, silt mixture with some gravel |
| 142 | 144 | 2 | GM | Uncemented gravel, fine sand, silt mixture |
| 144 | 164 | 20 | ML | Lightly cemented fine sand, silt mixture with some gravel |
| 164 | 174 | 10 | SM | Gravelly fine sands with silt |
| 174 | 184 | 10 | ML | Lightly cemented fine sand, silt mixture with some gravel |
| 184 | 189 | 5 | GM | Moderately well cemented gravel, fine sand, silt mixture |
| 189 | 204 | 15 | GM | Moderately cemented gravel, fine sand, silt mixture |
| 204 | 274 | 70 | GP | Moderately well cemented cobbles, gravel, fine sand, silt mixture |
| 274 | 286 | 12 | GM | Moderately cemented gravel, fine sand, silt mixture |
| 286 | 293 | 7 | GM | Moderately well cemented gravel, fine sand, silt mixture |
| 293 | 381 | 88 | GM | Moderately well cemented cobbles, gravel, fine sand, silt mixture |
| 361 | 408 | 47 | GM | Moderately cemented gravel, fine sand, silt mixture |
| 408 | 504 | 96 | GM | Moderately well cemented cobbles, gravel, fine sand, silt mixture |
| 504 | 616 | 112 | GM | Lightly cemented gravel, fine sand, silt mixture |
| 616 | 620 | 4 | GM | Lightly cemented cobbles, gravel, fine sand, silt mixture |
| 620 | 930 | 310 | GM | Lightly cemented gravel, fine sand, silt mixture |
| 930 | 995 | 65 | SP | Gravelly fine sands |
| 995 | 1084 | 89 | GM | Little or no cementation of gravels, fine sands and silts |
| 1084 | 1099 | 15 | GM | Moderately cemented gravel, fine sand, silt mixture |
| 1099 | 1118 | 19 | GM | Light cementation of gravel, fine sand and silt |
| 1118 | 1155 | 37 | GM | Little or no cementation of gravels, fine sands and silts |
| 1155 | 1273 | 118 | GM | Light cementation of gravel, fine sand and silt |
| 1273 | 1276 | 3 | GM | Moderate cementation of gravel, fine sands, silts |
| 1276 | 1302 | 26 | GM | Little or no cementation of gravels, fine sands and silts |