GLO 2481

Soda Lake, Nv.
Soda Lake #44-5

3 1. Drilling and completion history Completion Report

3 2. Directional survey - final Report of Sub-Surface Survey

3 3. Core Descriptions, 1-10-78 - 4786'-4790.75'

3 4. Lithologic Descriptions

2 *5. Borehole Compensated Sonic Log, 1-12-78, 8' - 10' spacing with sp 485-4900

2 *6. Borehole Compensated Sonic Log, 1-12-78, 10' - 12' spacing with sp 443-4980

2 *7. Compensated Neutron Formation Density, 1-11-78 with caliper and gamma ray 535-4980

2 *8. Continuous Dipmeter, 1-12-78 498'-4970

2 *9. Dual Induction-SFL, 1-11-78 536-4975

2*10. Dual Induction-SFL w/Linear Correlation Log, 1-11-78, 2" scale 536-4974

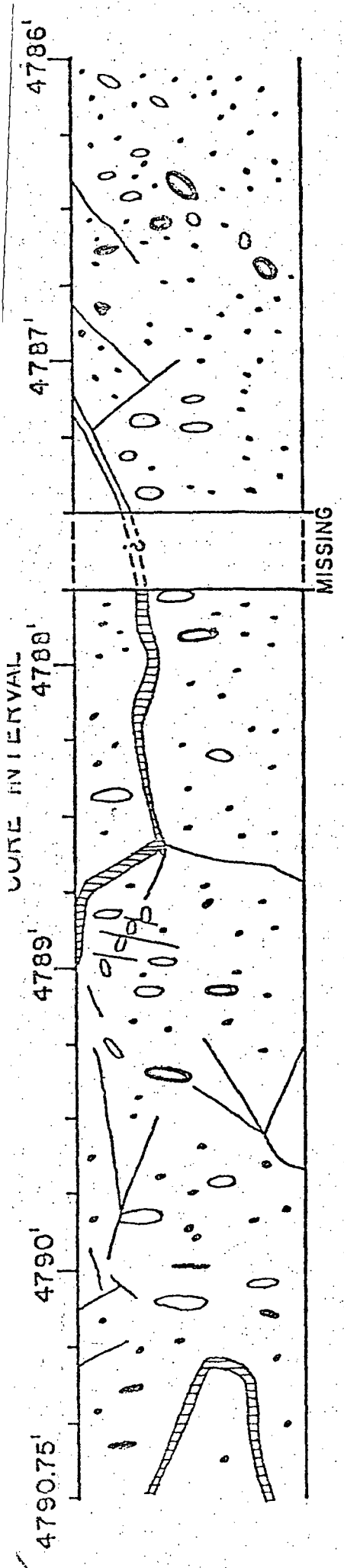
2*11. Temperature Log 1-12-78 (Schlumberger)

2*12. Agnew & Sweet Subsurface Temperature Survey, 2-25-78

2*13. Agnew & Sweet Subsurface Survey, Static Temperature Traverse, 3-28-78

2 *14. Mud Log-Lithologic Log, 83' - 5069'

*Indicates that 4th copy is reproducible



EXPLANATION

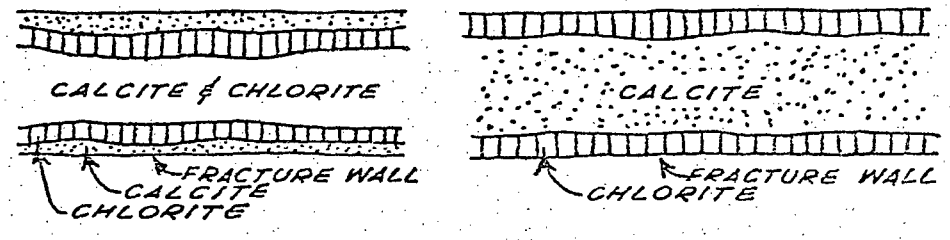
- GREEN MINERAL (PROBABLY CHLORITE)
- CALCITE FILLED VESICLE
- CALCITE FILLED VESICLE RIMMED WITH CHLORITE
- THIN FRACTURE
- LARGE FRACTURE-FILLED WITH CALCITE & CHLORITE, LINED WITH CALCITE
- LARGE FRACTURE-FILLED WITH CALCITE, LINED WITH CHLORITE

GENERAL DESCRIPTION:

see memo from E.W. Christensen to J.L. Iovenitti 3/20/78

olivine basalt

The core is a gray, aphanitic, ~~welded latitc (?) tuff~~ displaying 2 major and several minor intersecting fractures. Fracture mineralogy consists of calcite, serpentine, chlorite and an unidentified black mineral. One of the major fractures exhibits calcite lining the fracture walls followed by a layer of chlorite, and a mixed layer of calcite and chlorite (see sketch below); the other major fracture shows the reverse paragenesis, that is, chlorite lines the fracture walls and calcite occurs in the center (see sketch).



Minor fractures display either a calcite and chlorite, or a calcite and a black mineral(?) mineralogy. Vesicles are present and are filled with calcite and/or calcite remined with chlorite. The core shows moderate hydrothermal alteration.

CORE DESCRIPTION

4786 - 4790.75

CHEVRON *(SODA LAKE No. 44-5)*

C-SE-NW-SEC. 5-T19N-R28E

CHURCHILL CO., NEVADA

1-10-78

J.L. IOVENITTI