

APPENDIX 4. LONGITUDINAL SECTIONS OF TRENCHES

Longitudinal cross sections are included in this appendix for several of the trenches done in the stable part of the Goathill North rock pile. Cross sections of each bench of the trenches were compiled then displayed as images for this report. Elevations and distances are in feet in order to correlate with drill-hole data (Appendix 1). End point surveying was done by Molycorp staff. Mapping is by NMIMT field and laboratory personnel. Geologic cross sections were not compiled for the trenches in the unstable portion of the GHN rock pile because the units were folded and faulted and difficult to accurately map in the time allotted.

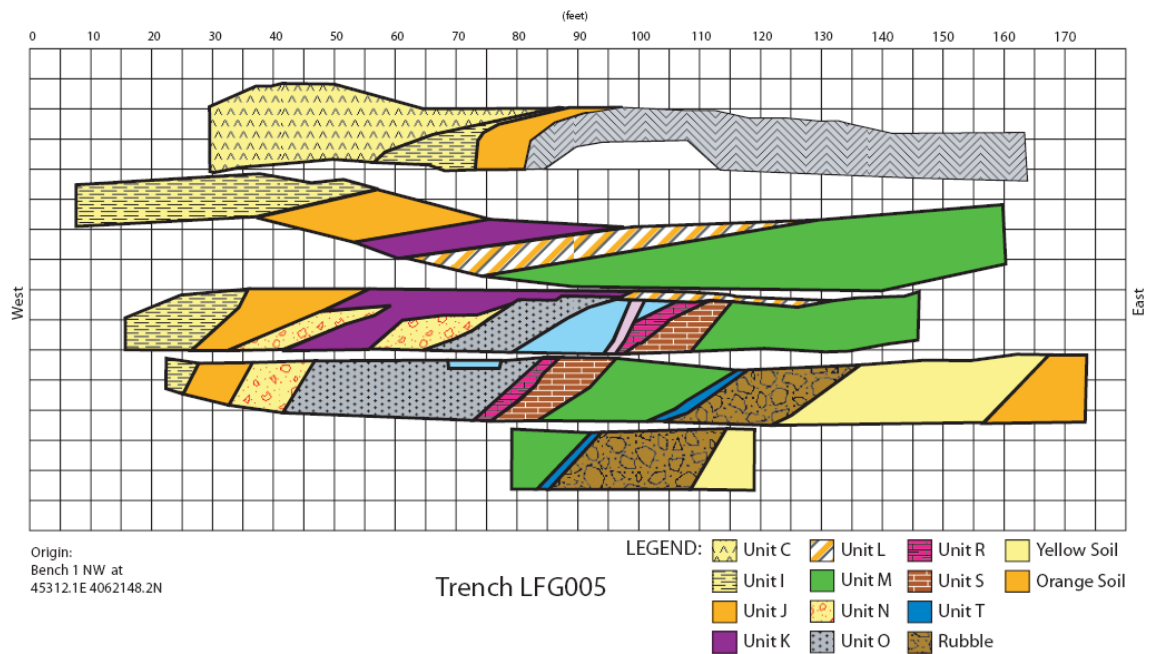


FIGURE 4.1. Longitudinal cross section of the geologic units in Trench LFG-005, north wall. Units are described in Table 13.

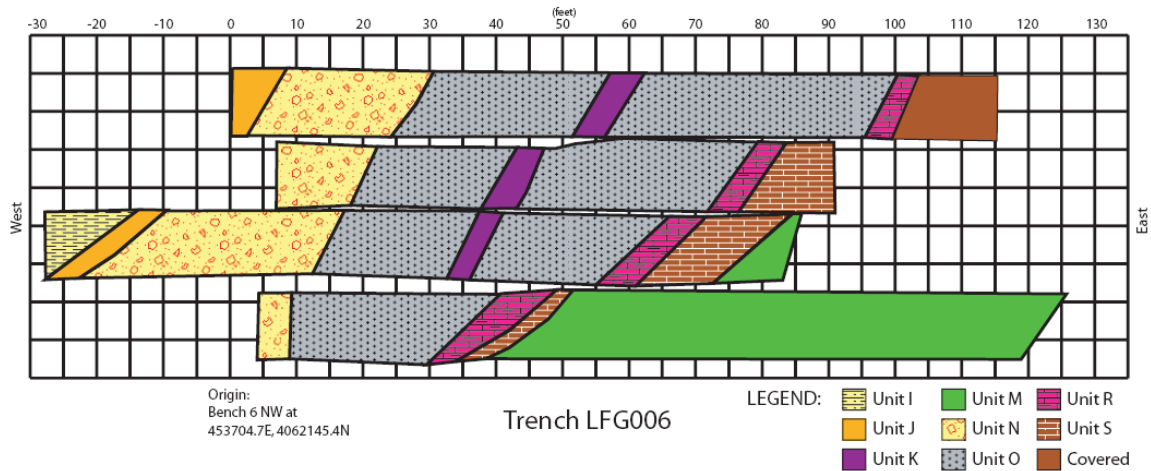


FIGURE 4.2. Longitudinal cross section of the geologic units in Trench LFG-006, north wall. Units are described in Table 13.

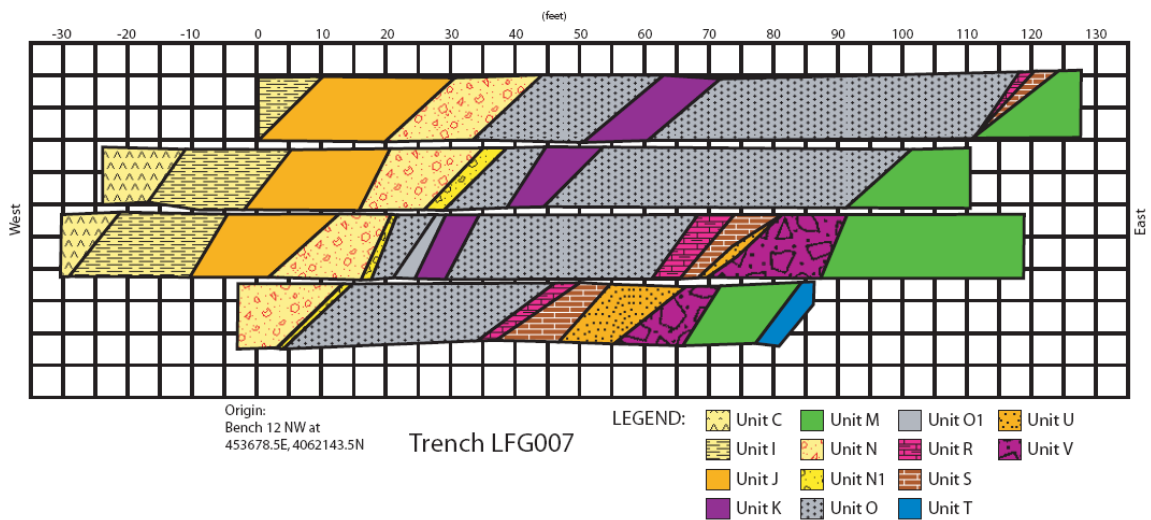


FIGURE 4.3. Longitudinal cross section of the geologic units in Trench LFG-007, north wall. Units are described in Table 13.

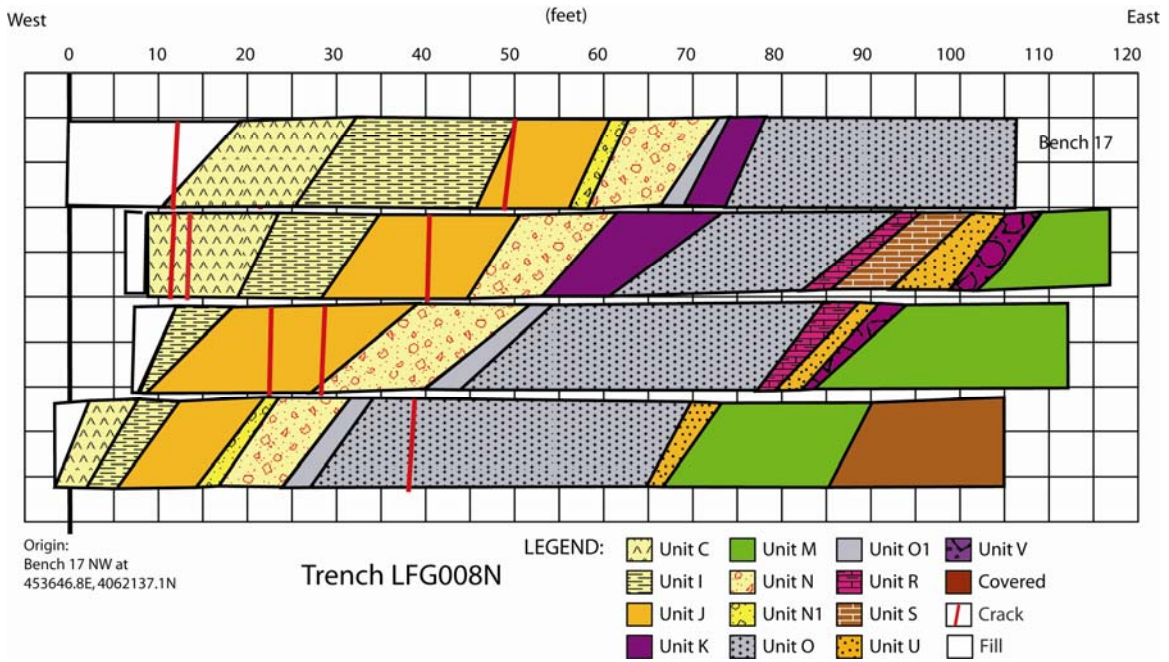


FIGURE 4.4. Longitudinal cross section of the geologic units in Trench LFG-008, north wall. Units are described in Table 13.

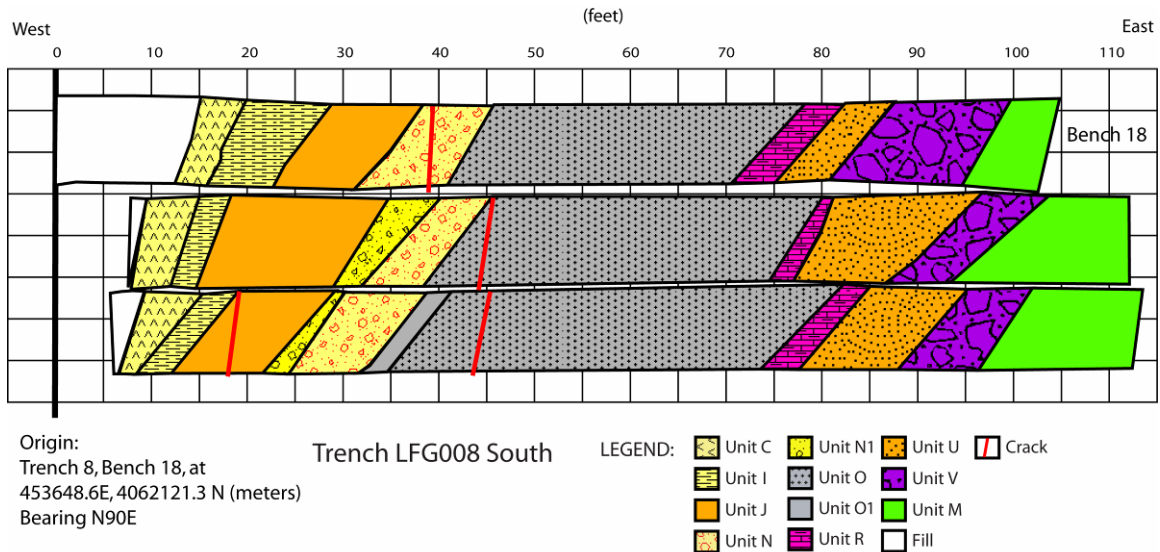


FIGURE 5.5. Longitudinal cross section of the geologic units in Trench LFG-008, south wall. Units are described in Table 13.

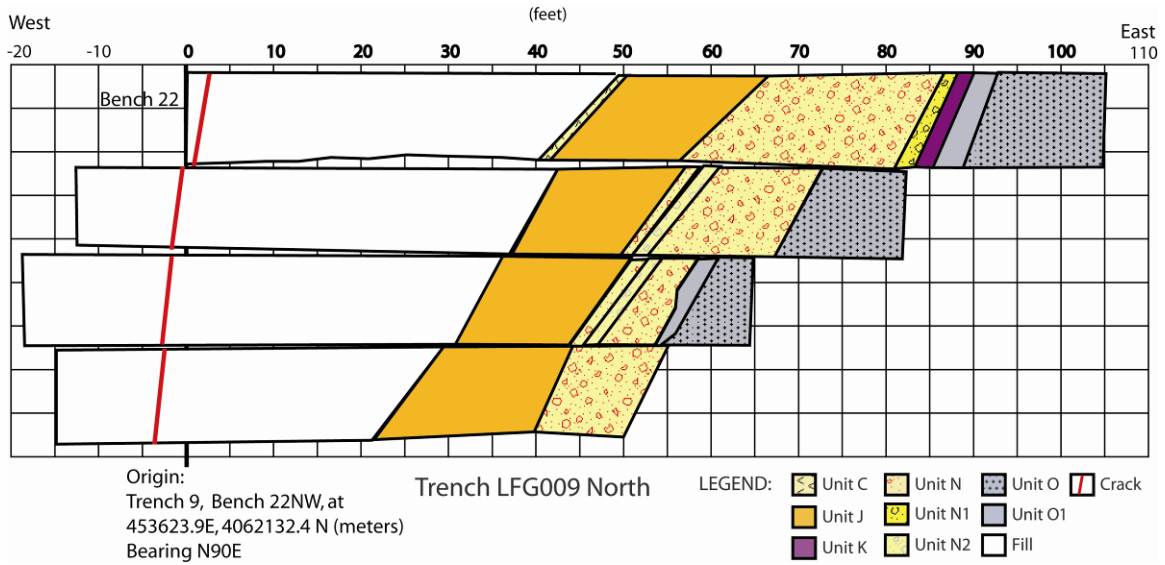


FIGURE 4.6. Longitudinal cross section of the geologic units in Trench LFG-009, north wall. Units are described in Table 13.

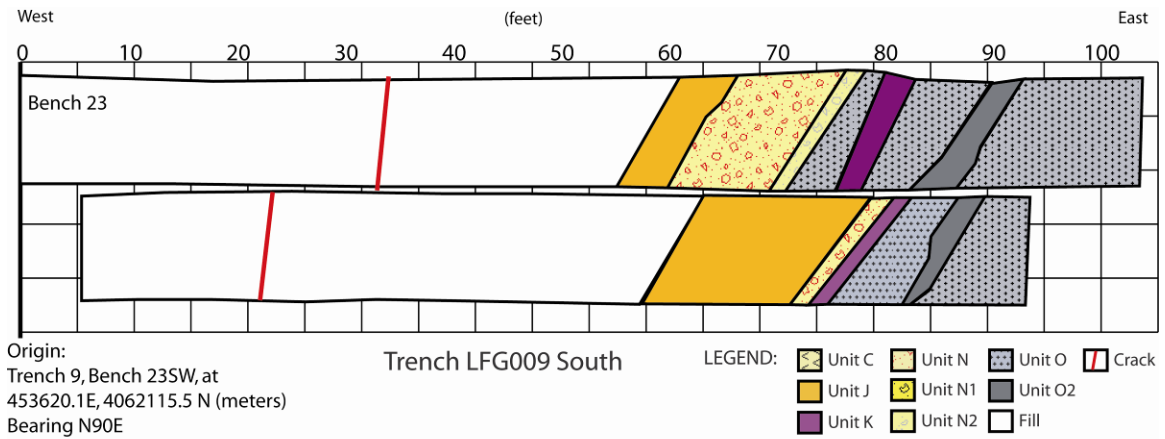


FIGURE 4.7. Longitudinal cross section of the geologic units in Trench LFG-009, south wall. Units are described in Table 13.