EXHIBIT 2

U.S. Geological Survey
Open-file report, 1976

DRILL-HOLE Y-8-L8

DATE 7/10/76 — SPECTRUM TECHNIQUES — GAMMA RAY-RESISTIVITY LOG

OPERATOR John Conroy

HOLE NUMBER Y-8-L8
Project USGS Cerro Grande
Area Lay SE 7½' Quad
Claim
County Mineral
State Colo
HOLE DATA
Depth Drilled 780 Depth Reached 768
Driller Becker
Mud H2O Hole Diam 9⅞"

GAMMA RAY
Unit 1703 Sensitivity 1
Probe type NaI Xtal Probe dia. 1¾"
Probe length 64" Shielding
Probe type Portable Probe no. 2
Source U308 mg Source strength

RESISTIVITY
Long normal 30' Short normal 8'
Range 50 Ω Range 20/200 mv
Spontaneous potential
Resistivity 48 Ω-m Fluid
Current at 50' brackish
Current at 325, 445, 650, and 750'

SELF POTENTIAL

Remarks: Fractured Precambrian
source Co60 - 100 mc
logged from 785'
to 5'
water table - 30'

Caliper - 14" diameter - 6" axis
logged from 762'
to 0'