

#29

Mercury Analysis -

1974 Gradient Holes ^{GL03897}

BACA PROJECT
DATA AND REPORTS

GEOLOGY

<u>No.</u>	<u>Transfer Date</u>	<u>Release Date</u>	<u>Title</u>
1.	B	B	Hydrothermal Geology of the Valles Caldera, New Mexico by R.F. Dondanville - 1971.
2.	B	B	Airborne Infrared Geothermal Exploration-- Valles Caldera, New Mexico Earth Resources Operations, North American Rockwell Corp.-1972.
3.	B	B	Electrical Resistivity Survey in Valles Caldera, New Mexico by Group Seven, Inc. - 1972.
4.	B	B	Additional Data--Electrical Resistivity Survey in the Valles Caldera, New Mexico by Group Seven, Inc. - 1972.
5.	B	B	Reconnaissance Resistivity Survey Baca Property, McPhar - 1973.
6.	B	B	Supplemental Report--Reconnaissance Resistivity and Schlumberger Depth Sounding Surveys Baca Property - McPhar - 1973.
7.	B	B	Quantitative Gravity Interpretation Valles Caldera Area, New Mexico by R.L. Segar - 1974.
8.	B	B	Mercury Soil Gas Survey Baca Prospect by Allied Geophysics Inc. - 1974.
9.	A	A	REDACTED
10.	B	B	Geothermal Geology of the Redondo Creek Area Baca Location by T.R. Slodowski - 1976.
11.	B	B	Magnetotelluric--Telluric Profile Survey, Valles Caldera Prospect by Geonomics - 1976.
12.	B	B	Geological Resume of the Valles Caldera by T.R. Slodowski - 1977.



MIDVALE OFFICE

File Socar Man Survey

ROCKY MOUNTAIN GEOCHEMICAL CORP.

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Certificate of Analysis

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Date: December 31, 1974

Client: UNION OIL COMPANY OF CALIFORNIA
Geothermal Division
P.O.Box 7600
Los Angeles, CA 90051

RMGC Number: 74-47-32 SL-

Local Job No.:

Foreign Job No.:

Invoice No.: M 5547

Client Order No.: None

Report On: 47 samples

Submitted by: Neil J. Stefanides

Date Received: December 23, 1974

Analysis: Mercury

Analytical Methods: Mercury Vapor Detection

Remarks:

cc: Enc. File (2)

LRR/llp

*Boce Gradient
hole - numbered
as such*

All values are reported in parts per million unless specified otherwise. A minus sign (—) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND = None Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.286 ppm 1 ppm = 0.0292 Troy oz./ton

Samples are from cuttings of 1974 Gradient holes

Sample No. - TH -

ppb Mercury

Sample No. - TH -

ppb Mercury

51-100'

380

59-250'

620 Def

51-200'

620

Def. Au

60-100'

80

51-250'

518

60-200'

190 Prob

52-100'

460

Def. Au

60-250'

135

52-200'

430

61-100'

80

52-250'

730

61-200'

55 NO

53-100'

55

Not Anom
Pyritic
Why is here

61-250'

55

53-200'

80

62-100'

25

53-250'

55

62-200'

55 NO

54-100'

270

Def. Au

62-250'

80

54-200'

295

63-100'

55

54-250'

460

63-200'

25 NO

55-100'

160

Probable

63-250'

55

55-200'

55

64-100'

25

55-250'

110

64-200'

80 NO

56-100'

1480

Definite

64-250'

80

56-140'

755

65-100'

25

57-100'

2370

Definite

65-200'

25 NO

57-200'

190

65-250'

55

57-250'

110

66-100'

55

58-100'

945

Definite

66-200'

25 NO

58-200'

915

66-250'

110

58-250'

430

59-100'

1030

Def

59-200'

945

By Lawrence R. Reid
Lawrence R. Reid

