



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
520-770-3500
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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James Doyle Sell Mining Collection

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February 28, 1991

File Memo

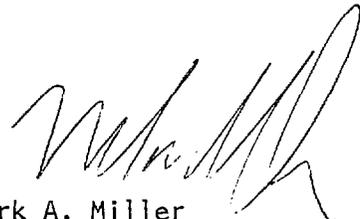
Rhea Property
Arizona Exploration Work
La Paz County, Arizona

A recent copy of ground geophysics by Arizona Explorations obtained from Mr. Rhea has been sent to Carl Windels for his review and a copy is also in Asarco files.

The recent work by Arizona Explorations indicates depth to basement over the property is approximately 200 - 500', somewhat shallower than the Dighem Survey.

MAM:mek

Mark A. Miller



cc: J.D. Sell

ASARCO

Exploration Department

March 4, 1991

TO: J. D. SELL
FROM: C. O. WINDELS
SUBJECT: GEOPHYSICAL REVIEW
COPPERSTONE EXTENSION PROJECT, AEI SUBMITTAL

The following summary compares the various depth interpretation made on the available geophysical data with my comments.

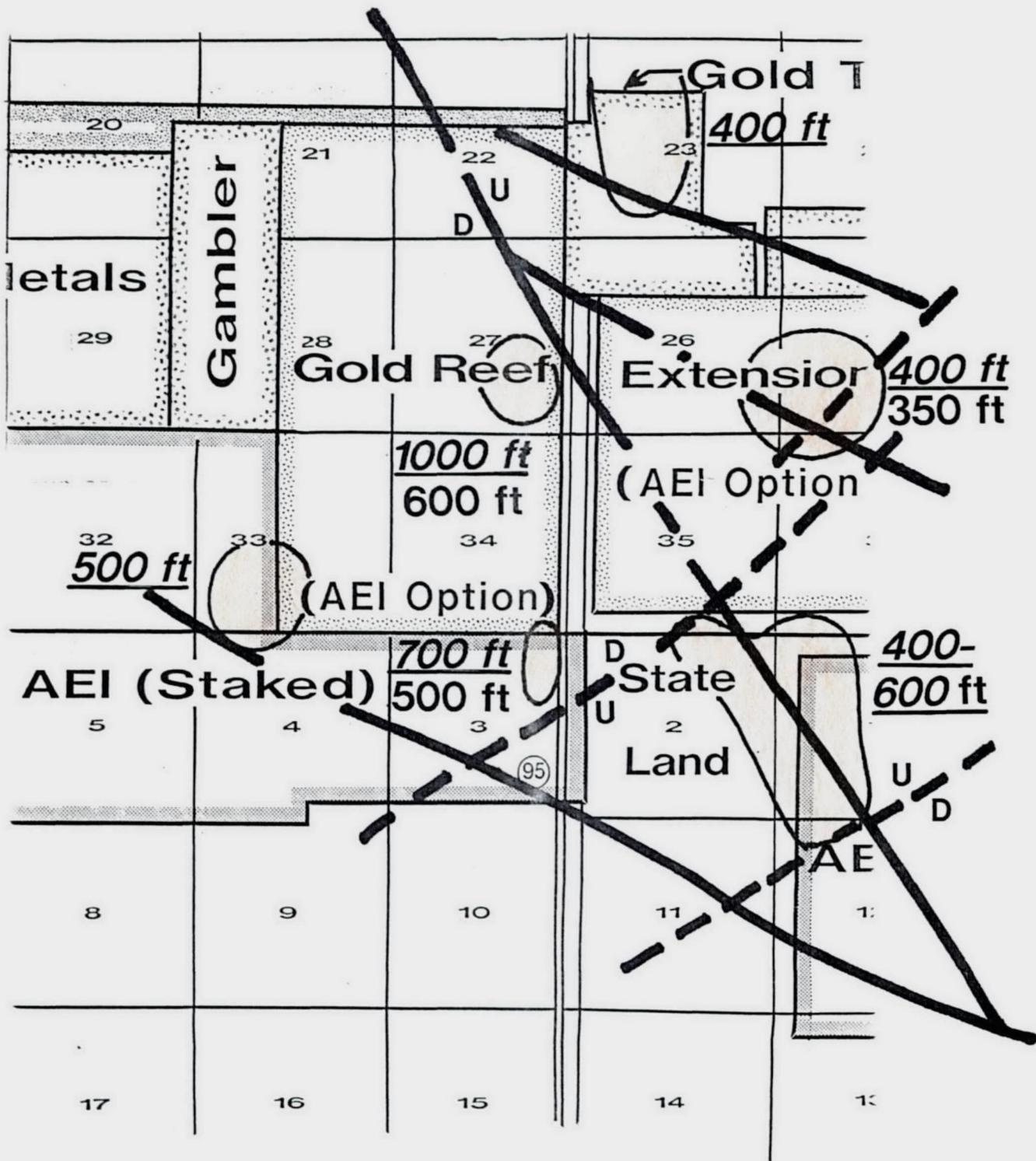
- Heinrichs - 175-4000 feet mean = 2000 feet
Based on short E-W ground MAG survey.
2000-4000 foot depth interpreted from this data should be questioned.
- Weidewilt - 1000-2000 feet from regional gravity. This data density is insufficient to interpret prospect size target areas.
- Misener, Jim - 571-1500 feet base on the Quantech 300 foot NS lines.
Excellent data with strong technical interpretation.
(did not receive 1" = 500' Interpretation Map).
- Ghosh, Mrinal -150-600 feet based upon the Maxi-Probe survey.
I agree with Gordon Weidewilt that this system is more than likely mapping the water table.
- Windels, C. - 350-1000 feet based upon DIGHEM IV MAG and resistivity. See attached interpretation map.
(Figure 1).

Conclusion

The various claim blocks controlled by Arizona Exploration Inc., known as the Copperstone Extension Project contain a number of Copperstone type structures interpreted from the magnetic and resistivity data. The average depth to bedrock in this area is 500-700 feet which may be too deep for open pit type mining. Bill Kurtz's comment on the higher grade nature of the Copperstone Mine may lead to alternative ideas or higher stripping ratios than normal.

COW/ach
cc: F. T. Graybeal
W. L. Kurtz ✓





COPPERSTONE EXTENSION PROJECT DIGHEM IV INTERPRETATION

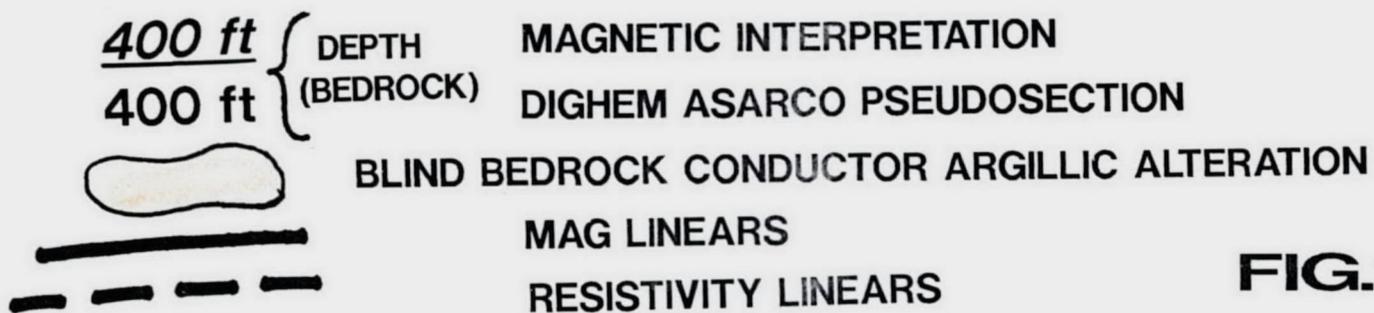


FIG.1

FROM: J. D. SELL

2/22/91

To: MA Milles Stomasa
Plain

Drop your other work
& go see Mr. Bill Rhea
(602/927-6304) who has
some new mag & depth data
on his property. He will let
you copy it & Cowindels will
need it ASAP.

Suggest you go up Monday
to review/collect the data

Rhea lives at Brenda on
side of highway (Brenda toward Selkirk)
behind telephone booth. Brown
doublewide trailer is his son,
he lives in white house 100 feet
behind. Across from Brenda
Trailing pack
C. W. Kuntz
COWindels

JDS

call Bill on 3/14 to say that I wouldn't be
taking his area on at the present time (see
cow report), but I'd keep it in mind.
JDS

Wednesday, December 4, 1968

Vol. 79, No. 48

THE MINING RECORD

3

