

AFFIDAVIT AND STATEMENT OF ANNUAL LABOR AND ASSESSMENT WORK FOR THE YEAR ENDING SEPTEMBER 1, 1988

STATE OF NEVADA)
COUNTY OF ELKO) ss.

THE UNDERSIGNED, being first duly sworn, deposes and says:

1. THAT useful labor, work, and improvements with an actual value amounting in excess of \$3,200.00 were performed and made on or for the benefit of each of the unpatented lode mining claims described on Exhibit "A" attached hereto and made a part hereof by this reference; that said labor, work, and improvements were performed and made for the annual labor and assessment work year ending at 12:00 Meridian on the 1st day of September, 1988, in accordance with requirements of State of NEVADA laws and regulations; and that said unpatented lode mining claims form a group of 32 contiguous unpatented lode mining claims situated in Section (s) 3A, Township(s) 36N, Range(s) 49E, MDB.M Meridian, the State of NEVADA.

2. THAT said labor, work, and improvements were performed and made during the period from SEPT 16 THRU SEPT 20, 1987 by Kennecott Explorations (Australia) Ltd., whose mailing address is P. O. Box 11248, Salt Lake City, Utah, 84147, and by PRACTICAL GEOPHYSICS INC. whose mailing address is 1634 WINDER LAKE SALT LAKE CITY, UTAH 84124

3. THAT said labor, work, and improvements required 21 man-days of labor with said improvements having the value and requiring expenditures as indicated herein; that said labor, work, and improvement consisted of: RESISTIVITY GEOPHYSICAL SURVEYS and other related activities;

4. THAT said labor, work, and improvements are located on the following claims: ROD # 1 TRK4#32

5. THAT said labor, work, and improvements were performed and made at the instance of and were paid for by KENNECOTT EXPLORATIONS (AUSTRALIA) LTD., whose current mailing address is P. O. Box 11248, Salt Lake City, Utah, 84147, and on behalf of

KENNECOTT (AUSTRALIA) LTD.

P.O. Box 11248

SALT LAKE CITY, UTAH. 84147

who is(are) the owner(s) of said unpatented lode mining claims, and that said labor, work, and improvements were performed and made on or for the benefit of each of said unpatented lode mining claims; and

6. THAT the undersigned, whose current mailing address is P. O. Box 11248, Salt Lake City, Utah, 84147, hereby states: that the above is a true statement of fact as to the said labor, work and improvements performed and made on or for the benefit of each of said unpatented lode mining claims and as to the actual cost and value of said labor, work, and improvements; that the actual cost and value of said labor, work, and improvements amounted in excess of \$100 for each of said unpatented lode mining claims; and that the actual amount paid for said labor, work, and improvements was \$ 6,504.95

IN WITNESS WHEREOF, this instrument is executed as of this 12th day of Aug., 1988.

KENNECOTT EXPLORATIONS
(AUSTRALIA) LTD.

By: [Signature]

SUBSCRIBED AND SWORN TO before me this 12th day of August, 1988.

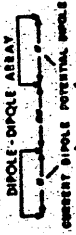
[Signature]

Notary Public in and for the
State of Utah
My Commission Expires 9/30/91

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EXHIBIT A

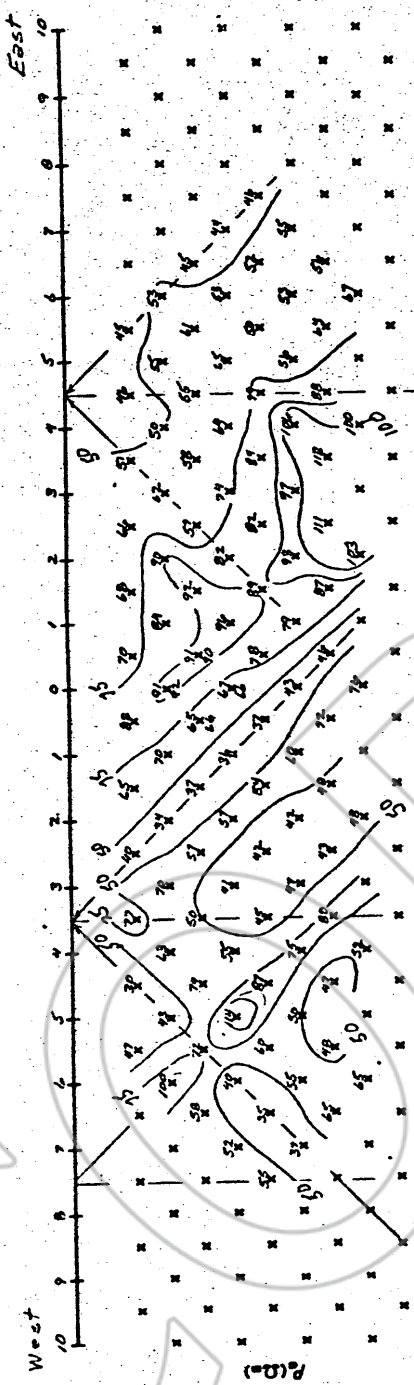
CLAIM NAME	LOC. DATE	BLM SERIAL #	BOOK	PAGE	FILE #
ROD # 1	MAY 12, 1987	NMC 412472	158	351	109125
ROD # 2		412473		352	109126
ROD # 3		412474		353	109127
ROD # 4		412475		354	109128
ROD # 5		412476		355	109129
ROD # 6		412477		356	109130
ROD # 7		412478		357	109131
ROD # 8	√	412479	√	358	109132
ROD # 9		412480	√	359	109133
ROD # 10		412481		360	109134
ROD # 11		412482		361	109135
ROD # 12		412483		362	109136
ROD # 13		412484		363	109137
ROD # 14		412485		364	109138
ROD # 15		412486		365	109139
ROD # 16	√	412487		366	109140
ROD # 17	MAY 13 th 1987	412488		367	109141
ROD # 18		412489		368	109142
ROD # 19		412490	√	369	109143
ROD # 20		412491		370	109144
ROD # 21		412492	√	371	109145
ROD # 22		412493		372	109146
ROD # 23	√	412494		373	109147
ROD # 24		412495		374	109148
ROD # 25		412496		375	109149
ROD # 26		412497		376	109150
ROD # 27		412498	√	377	109151
ROD # 28		412499		378	109152
ROD # 29		412500		379	109153
ROD # 30		412501		380	109154
ROD # 31		412502		381	109155
ROD # 32	√	412503	√	382	109156



**DIPOLE-DIPOLE ARRAY
APPARENT RESISTIVITY**

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH

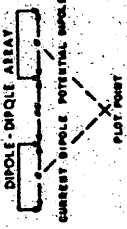
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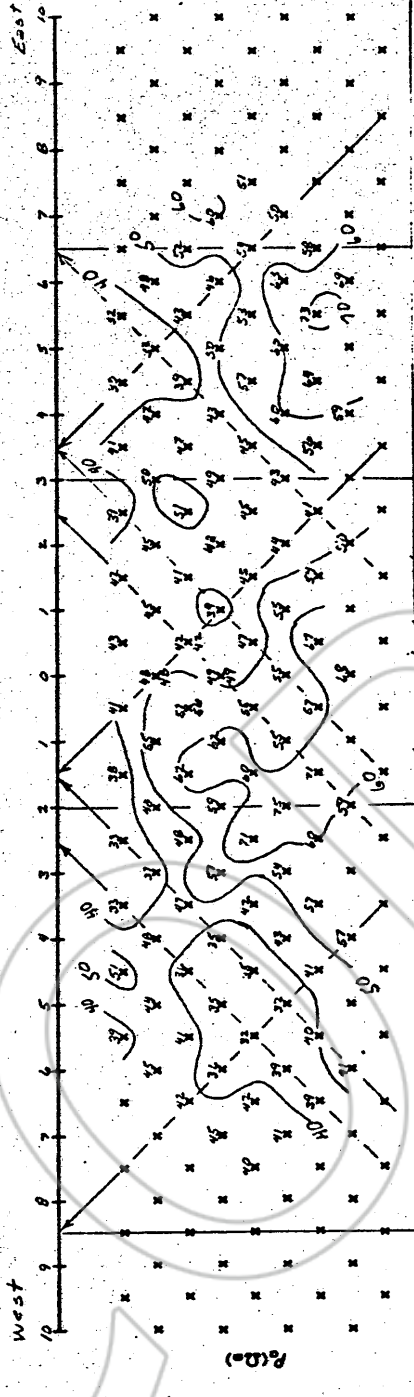
BOOK 182 PAGE 273

DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH



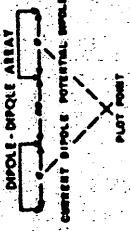
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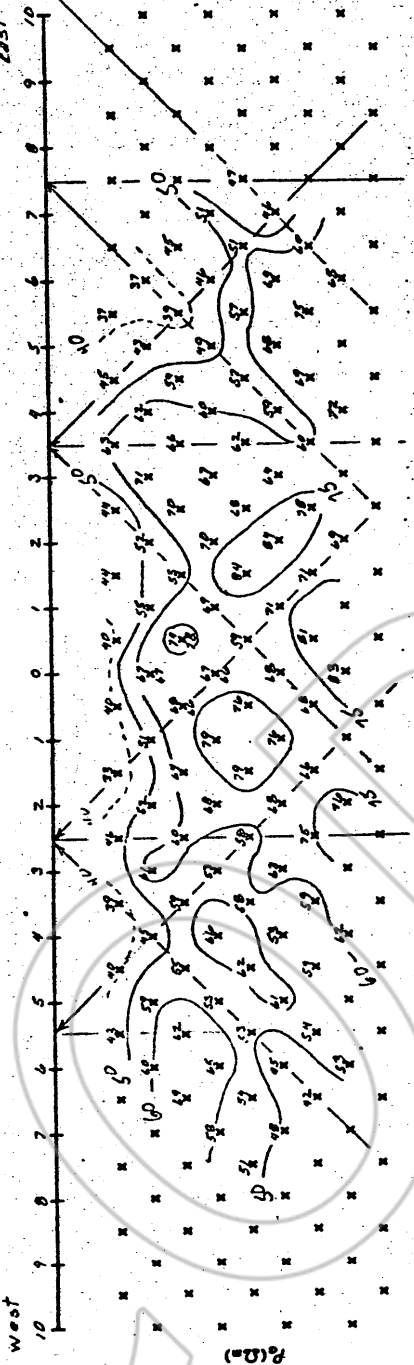
BOOK 1 82 PAGE 274

**DIPOLE - DIPOLE ARRAY
APPARENT RESISTIVITY**

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH



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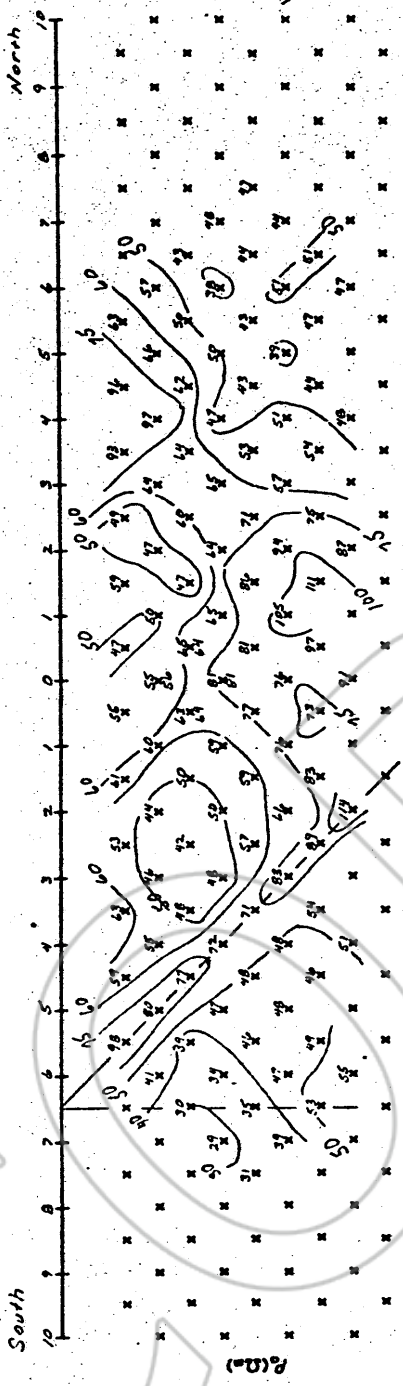
BOOK 1 82 PAGE 275

DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH

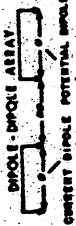


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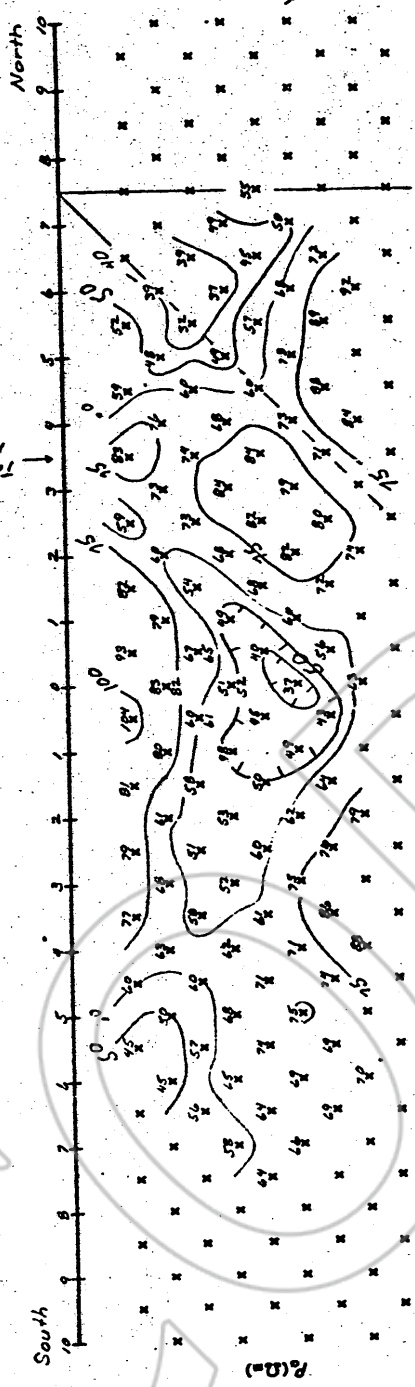
PROJECT Boulder Cr., Evreka Co. STATE NY LINE R-4 DIAM R.C.F. DATE 2-19-87 TRANSMITTER EL-15 RECEIVER EL-15



**DIPOLE-DIPOLE ARRAY
APPARENT RESISTIVITY**

$\rho = \frac{R \cdot I}{a}$

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH



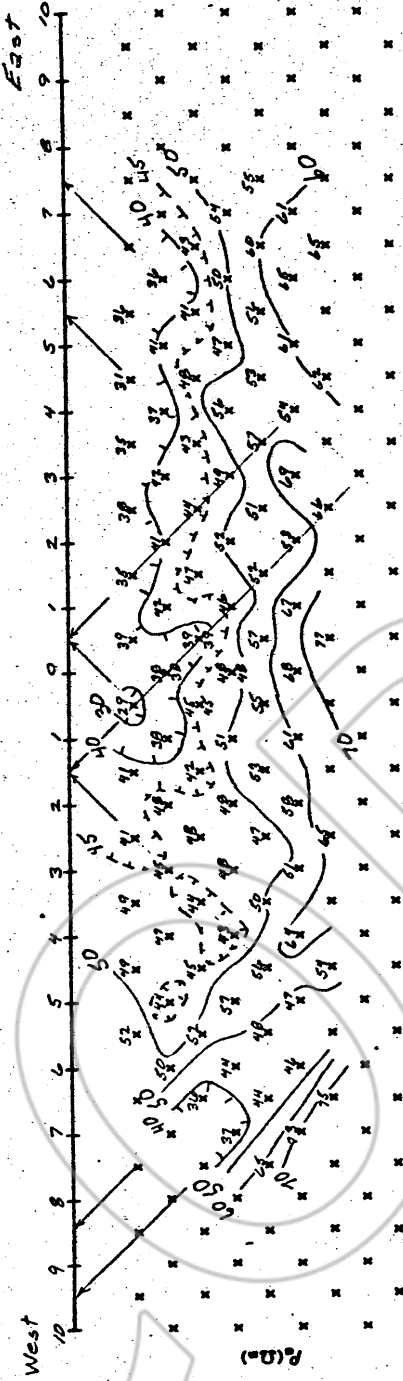
BOOK 182 PAGE 277

DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

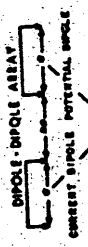


PRACTICAL GEOMYSICS, INC.
SALT LAKE CITY, UTAH

01-2501



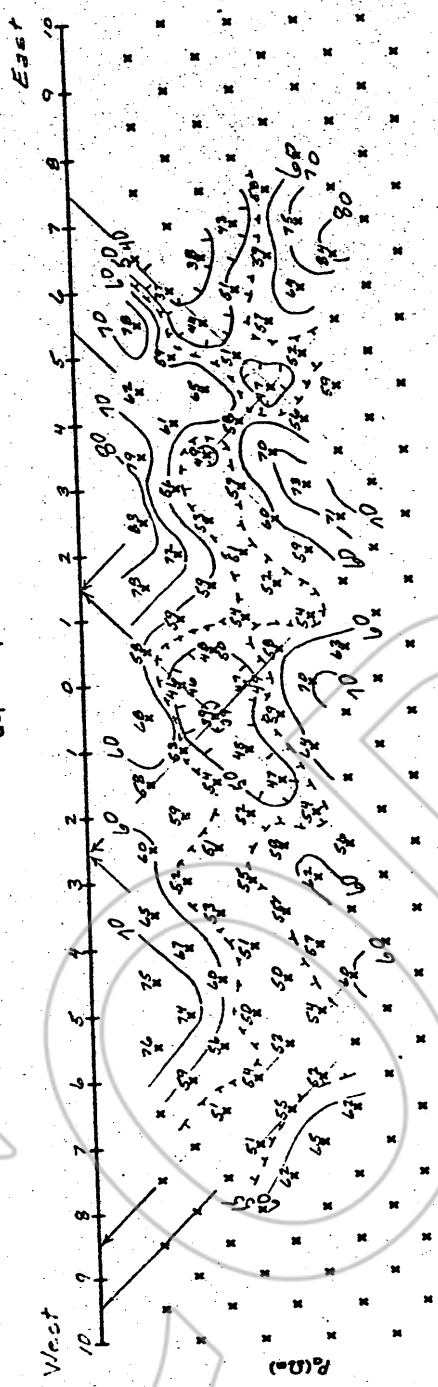
BOOK 182 PA
BOOK 182 PAGE 278



DIPOLE-DIPOLE ARRAY
APPARENT RESISTIVITY

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH

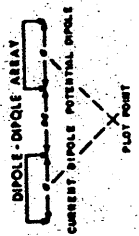
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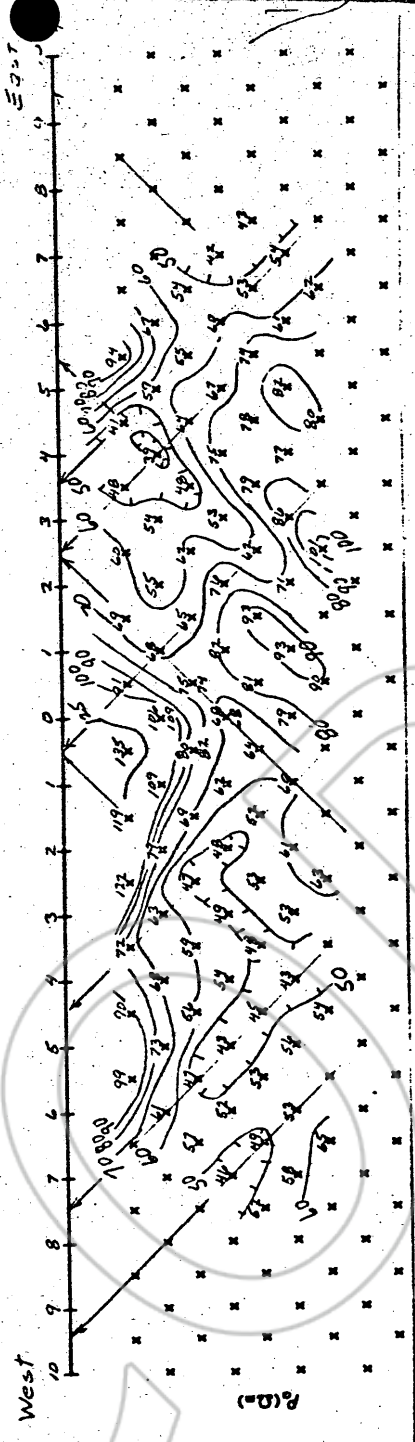
BOOK 182 PAGE 279

**DIPOLE - DIPOLE ARRAY
APPARENT RESISTIVITY**

PRACTICAL GEOMYSICS, INC.
SALT LAKE CITY, UTAH



$a = 1250'$

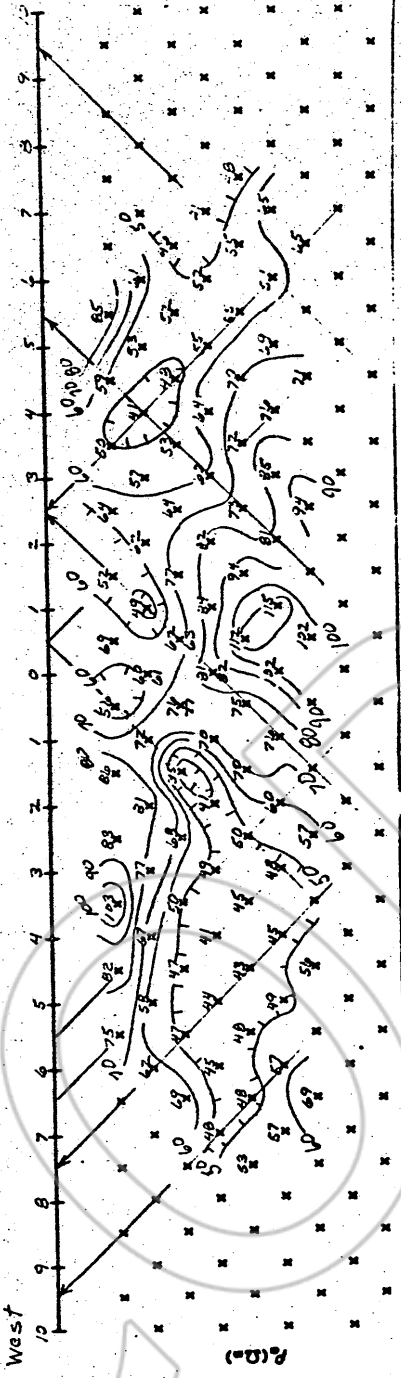
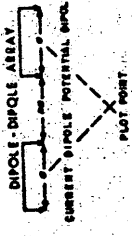


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**DIPOLE - DIPOLE ARRAY
APPARENT RESISTIVITY**

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH

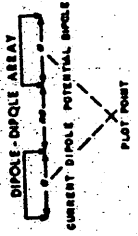
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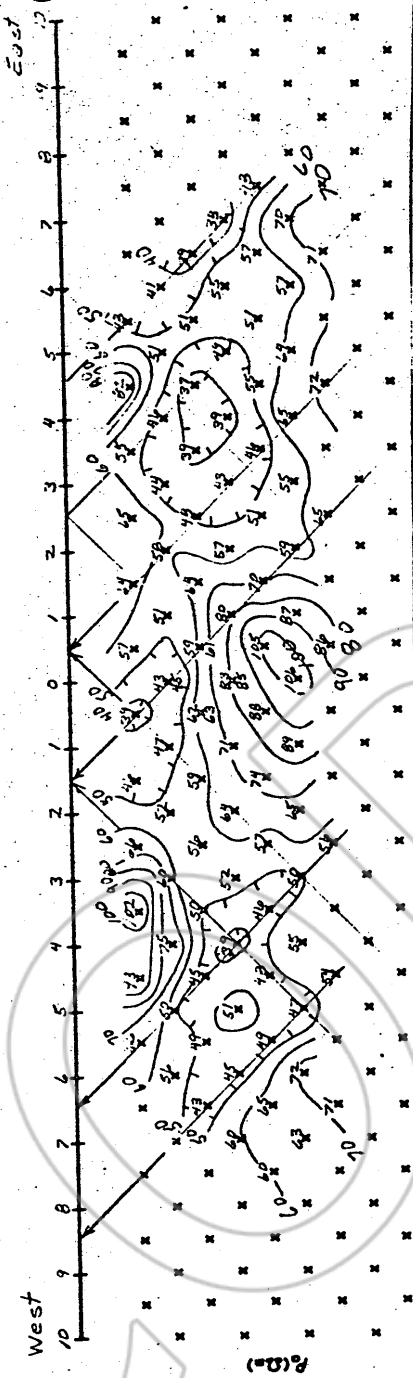
BOOK 102 PAGE 281

DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

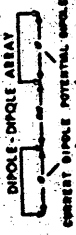
PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH



$a = 250$



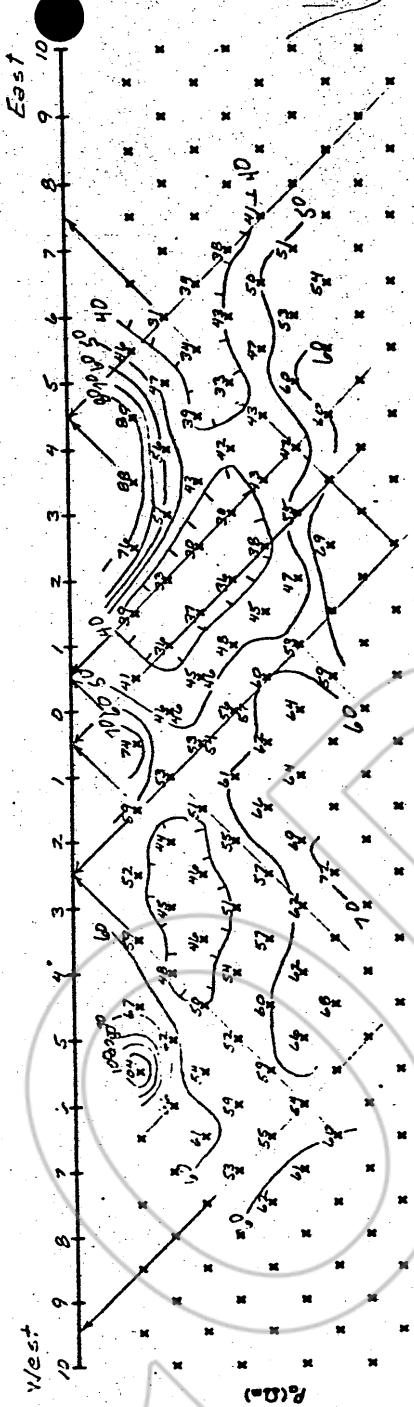
BOOK 182 PAGE 282



**DIPOLE - DIPOLE ARRAY
APPARENT RESISTIVITY**

PRACTICAL GEOPHYSICS, INC.
SALT LAKE CITY, UTAH

$\rho = 2.50$

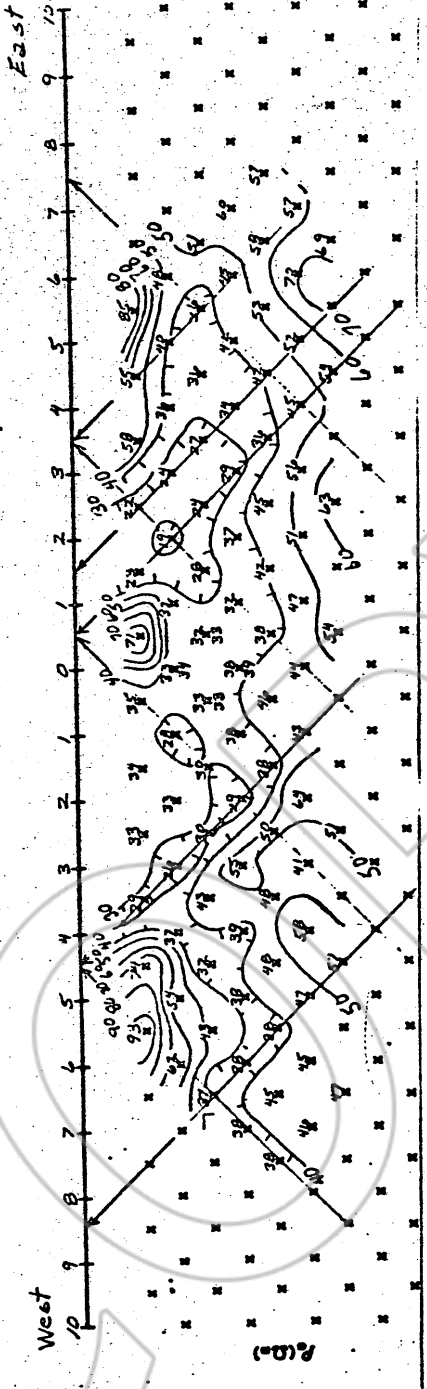
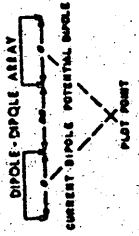


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DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

PRACTICAL GEOMATICS, INC.
SALT LAKE CITY, UTAH

0.12501



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RESUME

Richard C. Fox
PRACTICAL GEOPHYSICS, INC.
President
1634 Winder Lane
Salt Lake City, Utah 84124

Birthplace
and Date:

Bowling Green, Ohio; August 9, 1942

Education:

Bowling Green State University, B.S., Geology, 1964
University of Utah, M.S., Geophysics, 1968

Society
Affiliations:

Society of Exploration Geophysicists
Utah Geological Association

Professional
Experience:

Practical Geophysics, Inc.

1984

President

Provide geophysical consulting and contract services to mining, geothermal, and oil and gas industries as well as engineering geophysical services.

Meiji Resource Consultants

1979 - 1984

Vice President, 1982 - 1984

Manager of Geophysics Division, 1979 - 1984

Directly responsible for developing geophysical consulting and contracting services. Duties include establishing professional and technical staff, marketing, project management. Specialist in Induced Polarization/Resistivity, Gravity and Magnetic surveys. Major field of application is mining, with extended experience in engineering geophysics.

UURI-ESL (University of Utah Research Institute-Earth
Science Laboratory)

1977 - 1978

Geophysicist

Responsible for geophysical data acquisition and interpretation for characterizing geothermal areas. Assisted the development of interactive computer systems for modelling geophysical data.

Kennecott Exploration, Inc.

1974 - 1977
and 1966 - 1969

Geophysicist

Reported to Chief Geophysicist, U.S. Operations.

Responsibilities included design and supervision of geophysical surveys in support of corporate exploration programs. Also responsible for generating base metal target concepts, integrating reconnaissance geophysical data with geology. Interpreted geophysical data by constructing geologic models using computer modelling techniques. Supervised in-house and contract geophysical crews.

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Sachem Prospects, Corp (POM, Corp.)

1971 - 1973

Geologist - Geophysicist

Reported to Chief Geologist. Responsible for mineral property evaluation, exploration and development for metallic and non-metallic mineral occurrences including copper, cobalt, gold, fluorspar and uranium. Designed and supervised geophysical program that successfully outlined an important copper-cobalt deposit in Idaho. Involved in surface and underground geochemical and assay sampling, underground exploration and diamond drilling.

Consulting Geophysicist

1970 - 1971

Designed and directed geophysical investigation of the Silver Bell, Arizona porphyry copper district which contributed to the definition of new target areas. Provided effective ground geophysical service to the mining industry.

Geodata Systems, Inc.

1969 - 1970

Chief Geophysicist

Reported to Vice President of Exploration Services. Established geophysical service capability. Hired personnel, acquired geophysical instrumentation including induced polarization and airborne magnetic systems. Also responsible for design and supervision of geophysical services in support of in-house base metal exploration programs. Conducted seminars for geologic staff on the applications and limitations of geophysical techniques.

Publications:

- (1) "Detailed Surface Appraisal Using Geophysical Methods", 1979, in SME-AIME, Computer Methods for the '80's.
- (2) "Dipole-Dipole Resistivity Survey of a Portion of the Coso Hot Springs KGRA, Inyo County, California", 1978, UURI-ESL Report, 21 pp.
- (3) "Low-Altitude Aeromagnetic Survey of a Portion of the Coso Hot Springs KGRA, Inyo County, California", 1978, UURI-ESL Report, 19 pp.
- (4) "Topographic Effects in Resistivity and Induced-Polarization Surveys", 1980, with G. W. Hohmann, et al., Geophysics, Vol. 45, No. 1, pgs. 75-93.

Boulder Creek Project
Eureka County, Nevada
Induced Polarization/Resistivity Survey
September and December, 1987

Contractor Qualifications

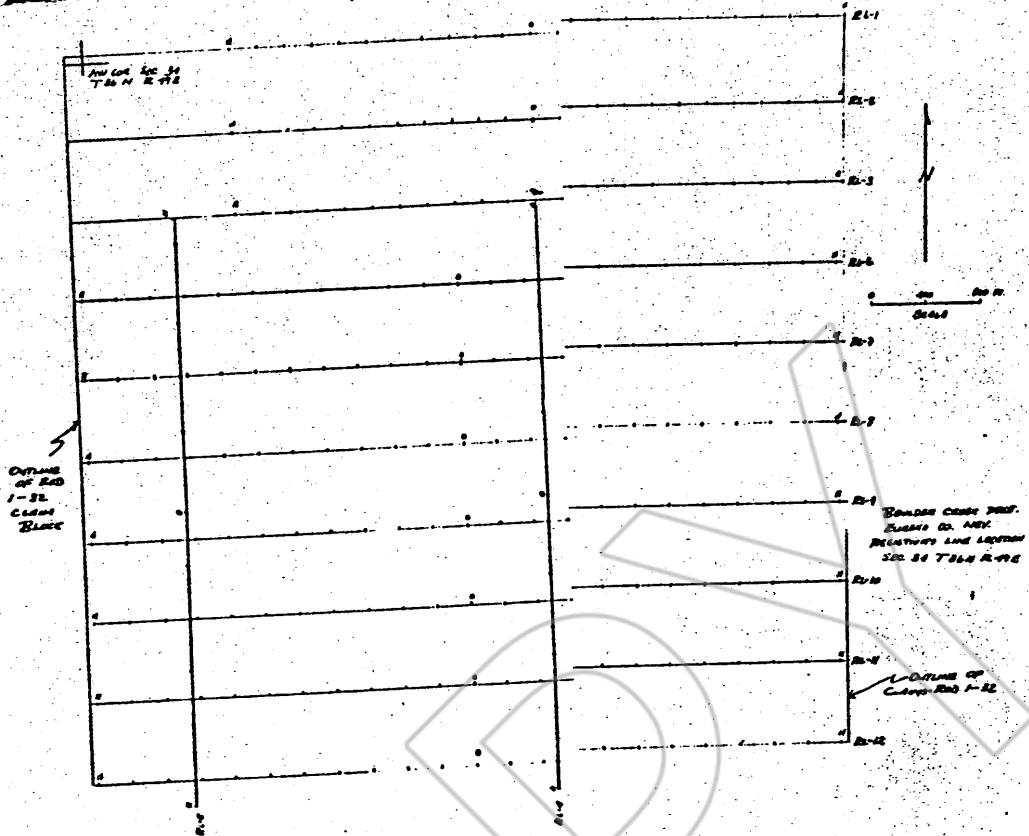
Surveys at Boulder Creek were conducted by Practical Geophysics, Inc. (PGI), a Utah Corporation, located at 1634 East Winder Lane, Salt Lake City, Utah 84124

Richard C. Fox, President of PGI, received a B.S. Degree in geology from Bowling Green State University, Bowling Green, Ohio in 1964 and a M.S. Degree in Geophysics from the University of Utah, Salt Lake City, Utah in 1968.

Mr. Fox has been a practicing professional geophysicist since 1966 and became an active member of the Society of Exploration Geophysicists in 1969. Mr. Fox is a life-time member of the Utah Geological Association.

The Boulder Creek surveys were directly supervised either by Mr. Fox or by PGI employee, Mr. Frank Blackham, Senior Geophysical Technician/Crew Chief. Mr. Blackham's geophysical experience includes over twenty years continuous employment with American Smelting and Refining Company in the capacity of Geophysical Technician.

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RECORDED AT THE REQUEST OF
 BOOK 182 PAGE 170
Philip Dittler
 '88 AUG 18 10 30

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 EUREKA COUNTY, NEVADA
 M.N. REBALEATI, RECORDER
 FILE NO. FEE \$ 56 00

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