

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

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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]

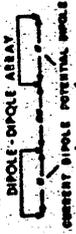
SUBSCRIBED AND SWORN TO before me this 12th day of August, 1988.

[Signature]

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

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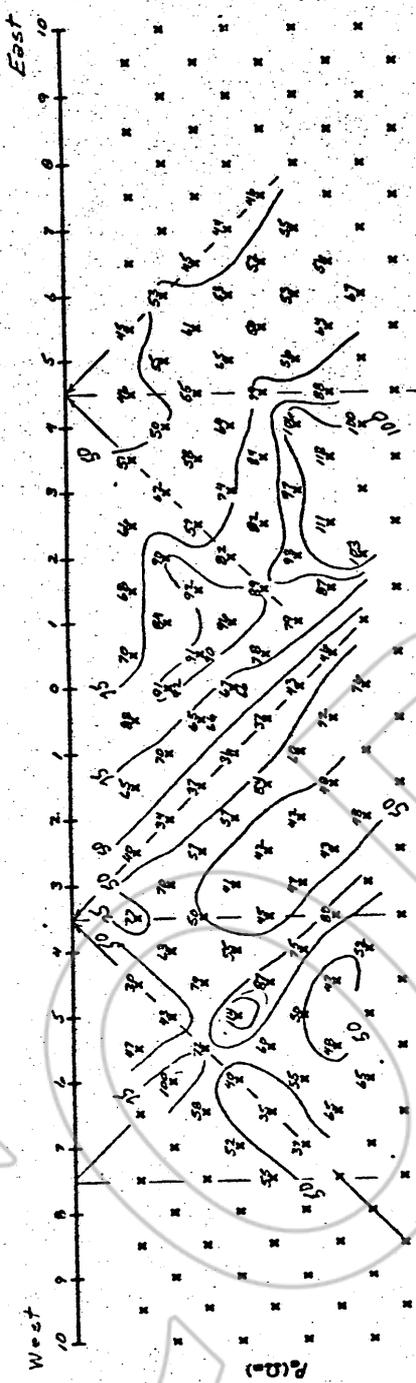




**DIPOLE - DIPOLE ARRAY  
APPARENT RESISTIVITY**

**PRACTICAL GEOPHYSICS, INC.**  
SALT LAKE CITY, UTAH

$\alpha = 1.200$



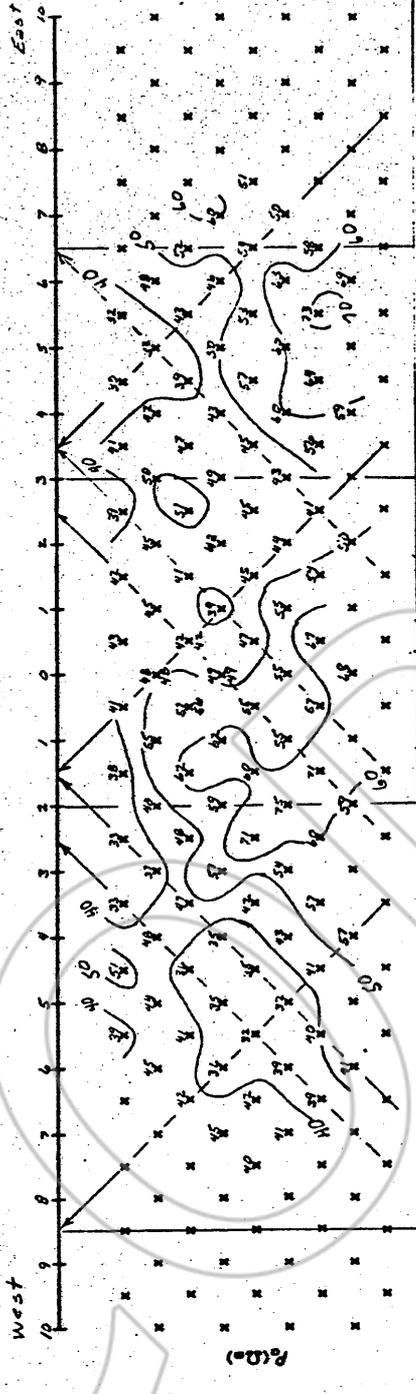
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# DIPOLE-DIPOLE ARRAY APPARENT RESISTIVITY

PRACTICAL GEOPHYSICS, INC.  
SALT LAKE CITY, UTAH



$a = 15.00'$



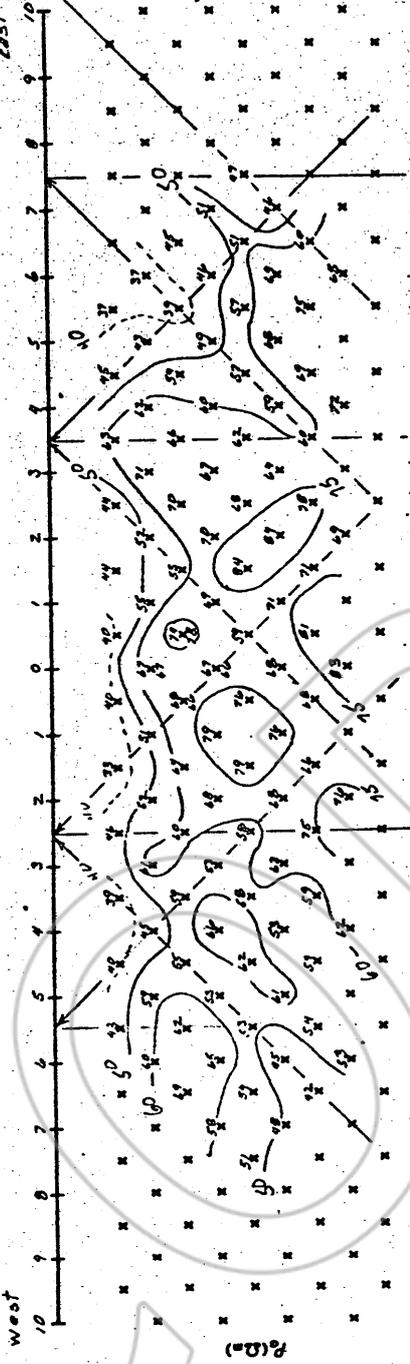
BOOK 1 82 PAGE 274

**DIPOLE - DIPOLE ARRAY  
APPARENT RESISTIVITY**

PRACTICAL GEOPHYSICS, INC.  
SALT LAKE CITY, UTAH



$a = 12.00'$



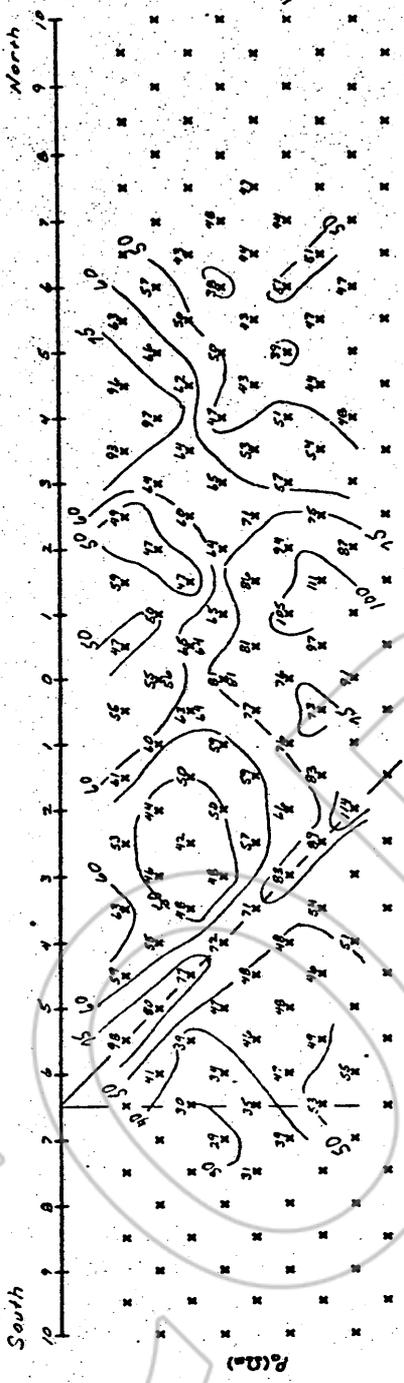
BOOK 1 82 PAGE 275

# DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

PRACTICAL GEOPHYSICS, INC.  
SALT LAKE CITY, UTAH

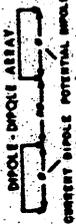


$a = 1200'$



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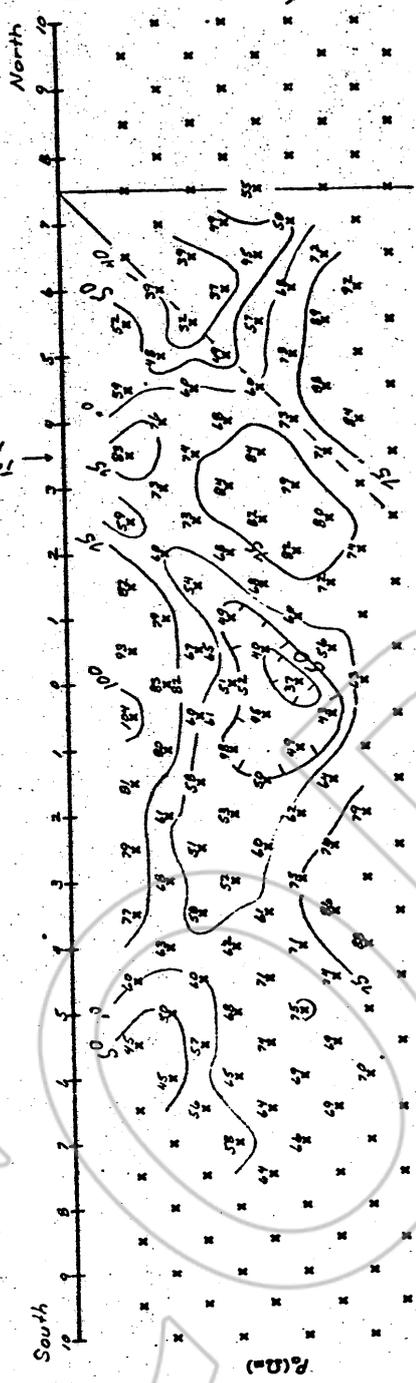
PROJECT Boulder Cr., Evreka Co. STATE NY LINE R-4 DIAM RGE DATE 2-19-67 TRANSMITTER EL-15 RECEIVER EL-15



**DIPOLE-DIPOLE ARRAY  
APPARENT RESISTIVITY**

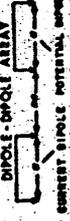
$\rho = \frac{R \cdot I}{a}$

PRACTICAL GEOPHYSICS, INC.  
SALT LAKE CITY, UTAH



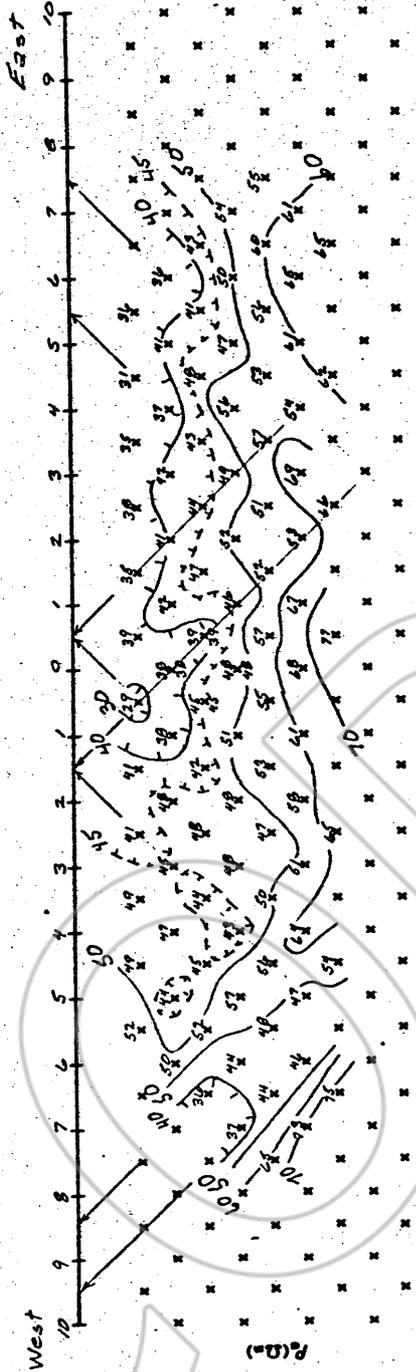
BOOK 182 PAGE 277

# DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

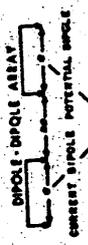


PRACTICAL GEOMYSICS, INC.  
SALT LAKE CITY, UTAH

01-2501



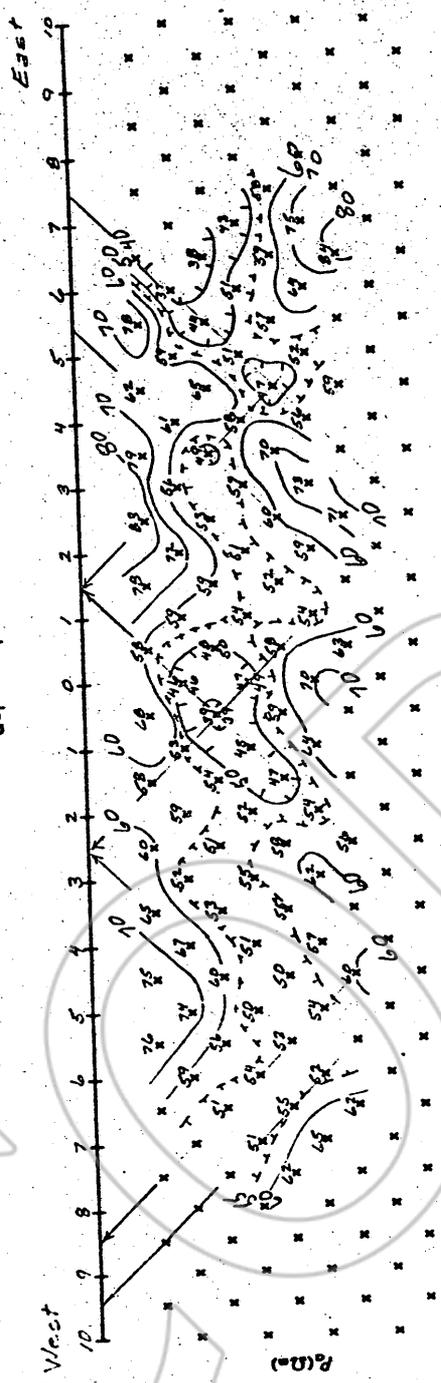
BOOK 182 PA  
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DIPOLE-DIPOLE ARRAY  
APPARENT RESISTIVITY

PRACTICAL GEOPHYSICS, INC.  
SALT LAKE CITY, UTAH

0.1250'



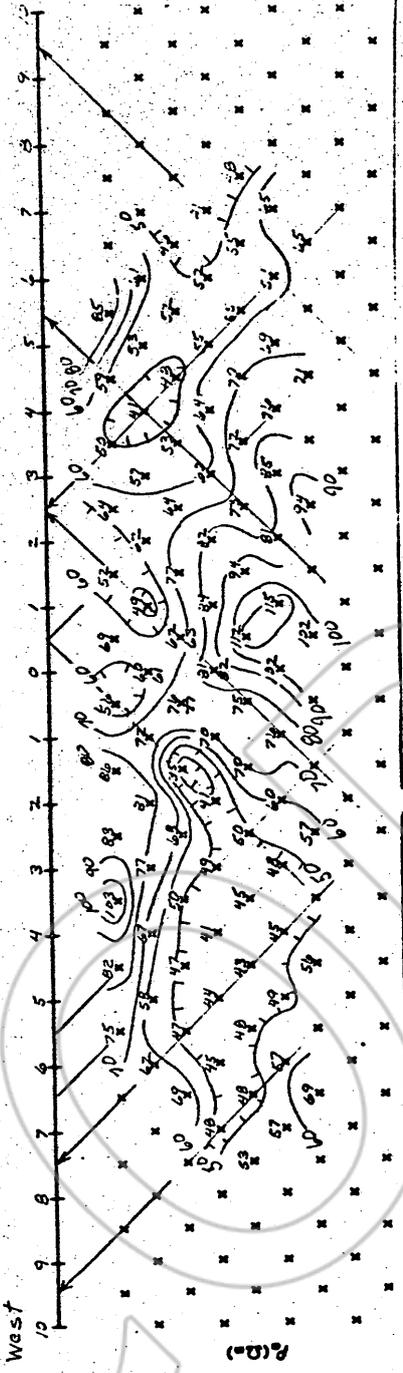
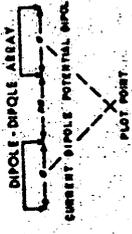
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**DIPOLE - DIPOLE ARRAY  
APPARENT RESISTIVITY**

**PRACTICAL GEOPHYSICS, INC.**  
SALT LAKE CITY, UTAH

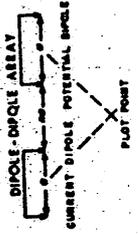
$\rho = 1.55 \Omega$



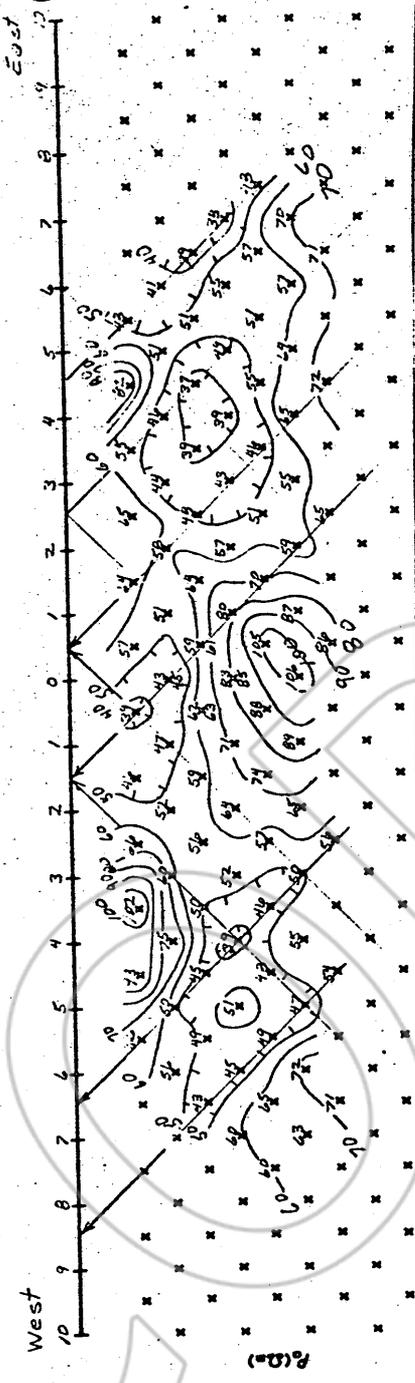
BOOK 102 PAGE 281

# DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

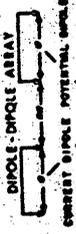
PRACTICAL GEOPHYSICS, INC.  
SALT LAKE CITY, UTAH



$\rho = 250$



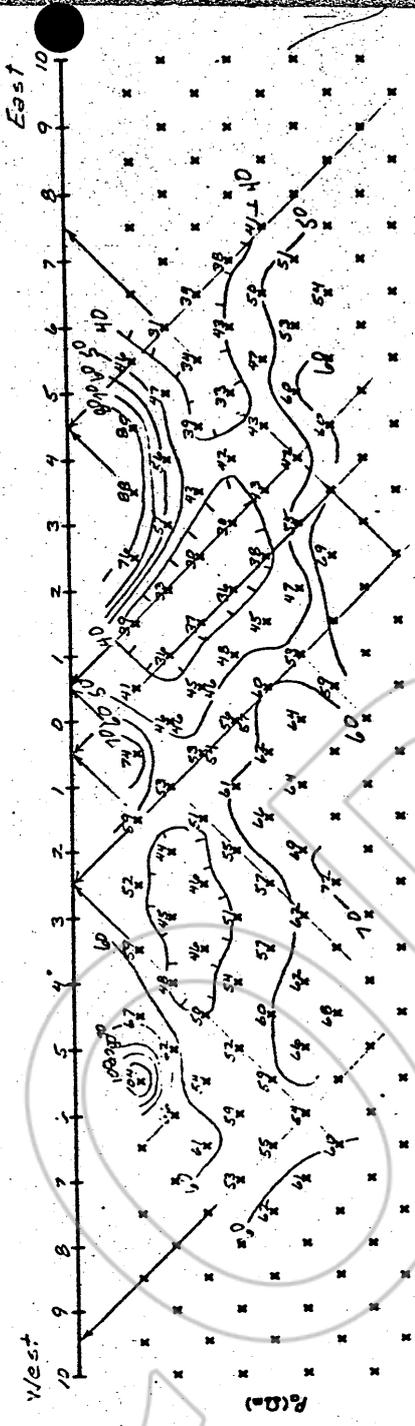
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**DIPOLE - DIPOLE ARRAY  
APPARENT RESISTIVITY**

**PRACTICAL GEOPHYSICS, INC.**  
SALT LAKE CITY, UTAH

$\rho = 2.50$

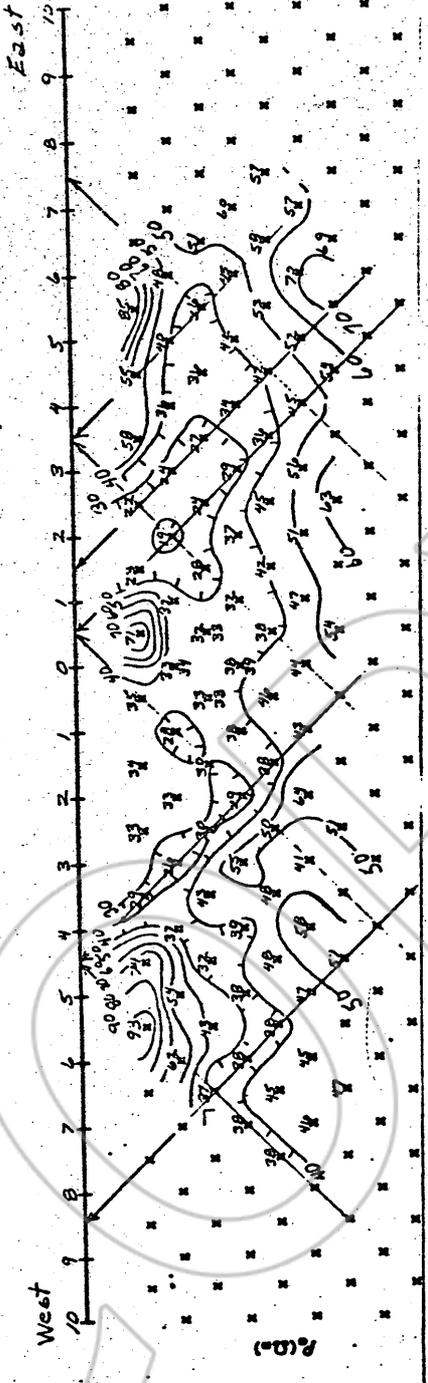
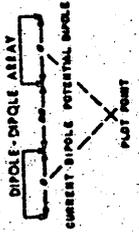


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# DIPOLE - DIPOLE ARRAY APPARENT RESISTIVITY

PRACTICAL GEOMATICS, INC.  
SALT LAKE CITY, UTAH

$\rho = 12.5 \Omega$



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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.  
President

1984

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)  
Geophysicist

1977 - 1978

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

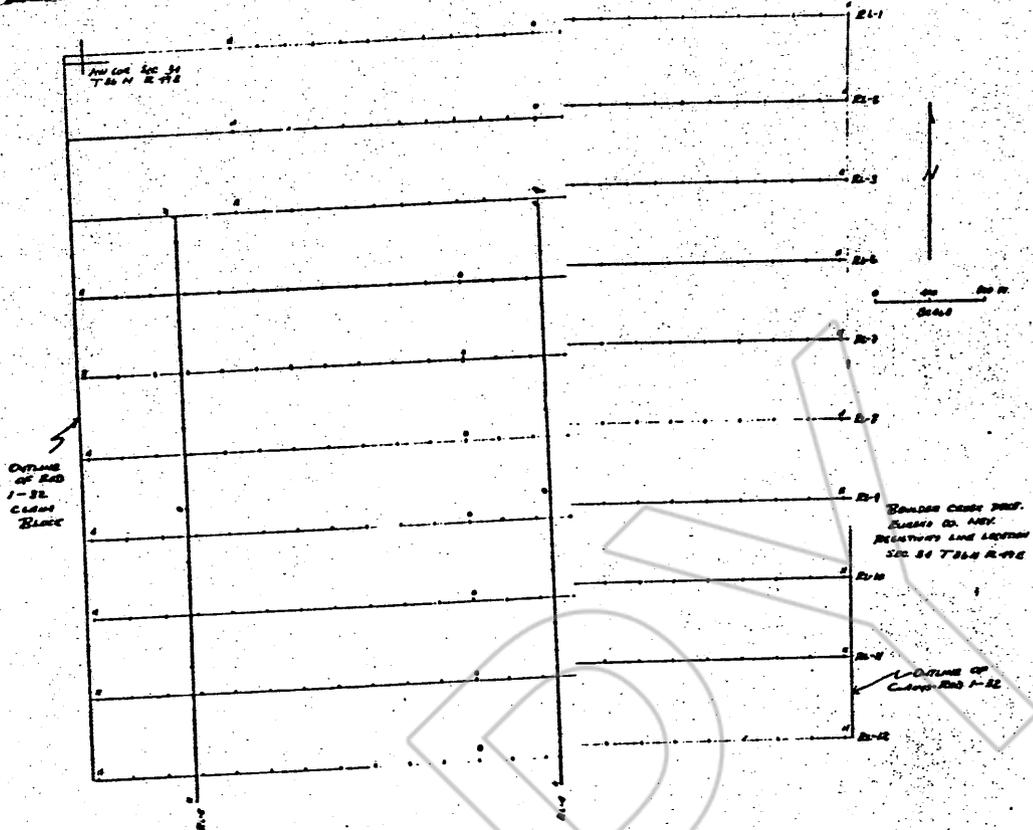
Surveys at Boulder Creek were conducted by Practical Geophysics, Inc. (PGI), a Utah Corporation, located at 1634 East Winder Lane, Salt Lake City, Utah 84124

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

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