

Tasmanian Mineral Exploration Company Report

Title: Tube number 39: Moina 1986-87 (EL 26/85)
Company: PlacerDome

Plans from archive store in Zeehan

Compiled by David Green 4 June 2003.

03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)

Placer Dome Asia Pacific*

Green, D.

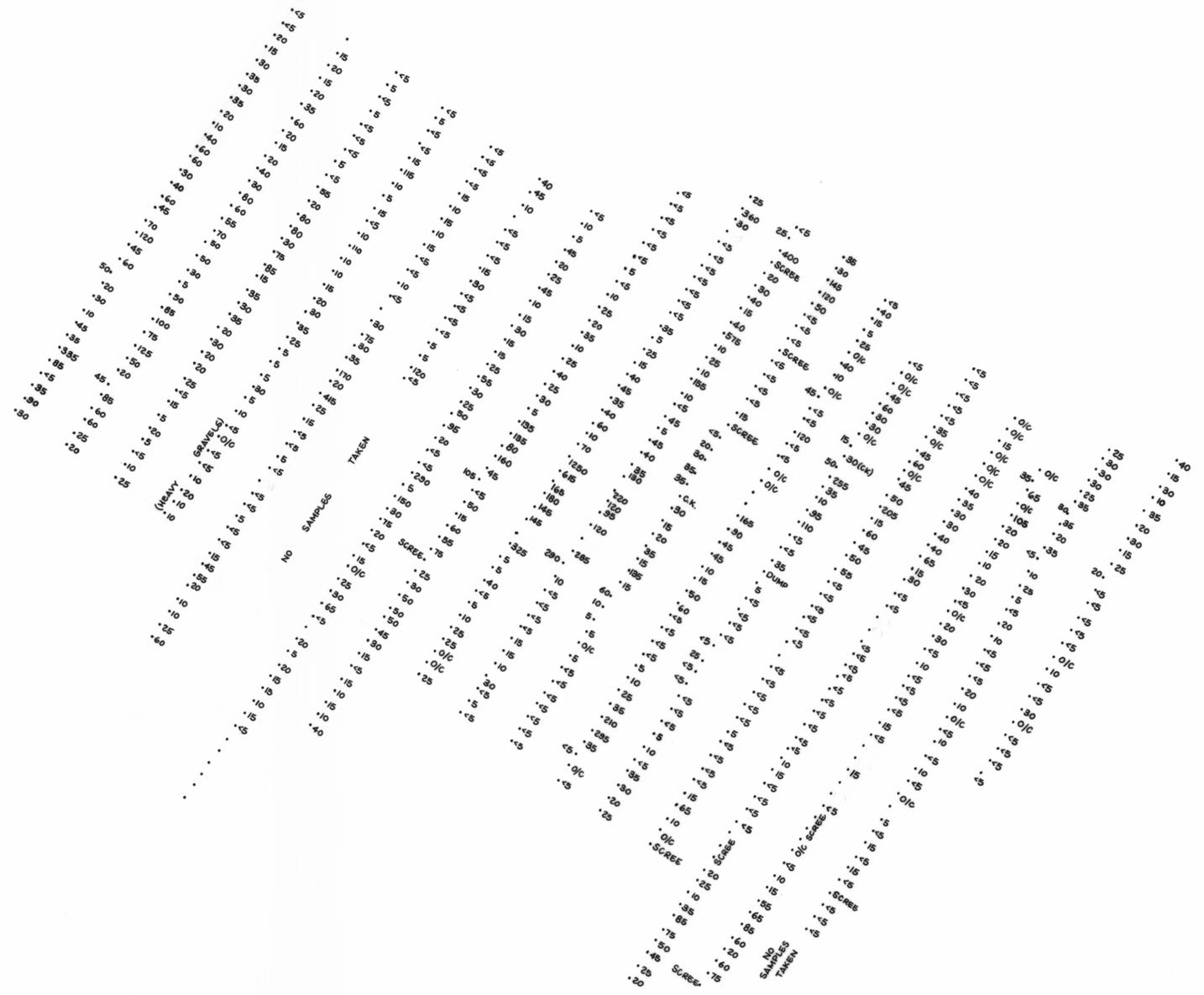
EL26/1985

AKEA
1:50000
SHEET

TUBE 27 39

EL NR.	SCALE	REMARKS	DATE
MOINA 26/85	1:5000	SOIL GEOCHEMISTRY COPPER CETHANA 2-2	MAR 87
MOINA 26/85	1:5000	SOIL GEOCHEMISTRY LEAD CETHANA 2-2	MAR 87
MOINA 26/85	1:5000	GEO PHYSICAL COMPILATION	MAY 87
MOINA 26/85	1:5000	FILTERED VLF CONTOURS CETHANA 2-2	APR 87
MOINA 26/85	1:5000	FILTERED VLF CONTOURS OVERLAY CETHANA 2-2	APR 87
MOINA 26/85	1:5000	NORMALISED VLF E.M. DIPS CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	MINING LEASE OVERLAY CETHANA 2-2	
MOINA 26/85	1:5000	ACCESS SHEET CETHANA 2-2	
MOINA 26/85	1:5000	GRID OVERLAY CETHANA 2-2	
MOINA 26/85	1:5000	HEC REGIONAL GEOLOGY CETHANA 2-2	OCT 88
MOINA 26/85	1:5000	FACTUAL AND INTERPRETIVE GEOLOGY CETHANA 2-2	NOV 86
MOINA 26/85	1:5000	COPPER GEOCHEMISTRY CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	BISMUTH GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	TUNGSTEN GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	ZINC GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	ARSENIC GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	LEAD GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	GOLD GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	TIN GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	SILVER GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	MOLYBDENUM GEOCHEM CETHANA 2-2	OCT 86
MOINA 26/85	1:5000	SAMPLE LOCATIONS ROCK CHIP	OCT 87
MOINA 26/85	1:5000	SAMPLE LOCATIONS CETHANA 2-2	OCT 87
MOINA 26/85	1:5000	ROCK GEOCHEMISTRY ARSENIC	
MOINA 26/85	1:5000	ROCK GEOCHEM BISMUTH	
MOINA 26/85	1:5000	ROCK GEOCHEM COPPER	
MOINA 26/85	1:5000	ROCK GEOCHEM ZINC	
MOINA 26/85	1:5000	ROCK GEOCHEM LEAD	

MOINA AREA
 1:5,000 SOIL GEOCHEMISTRY
 LEAD IN PPM
 CETHANA 2-2



03_4909

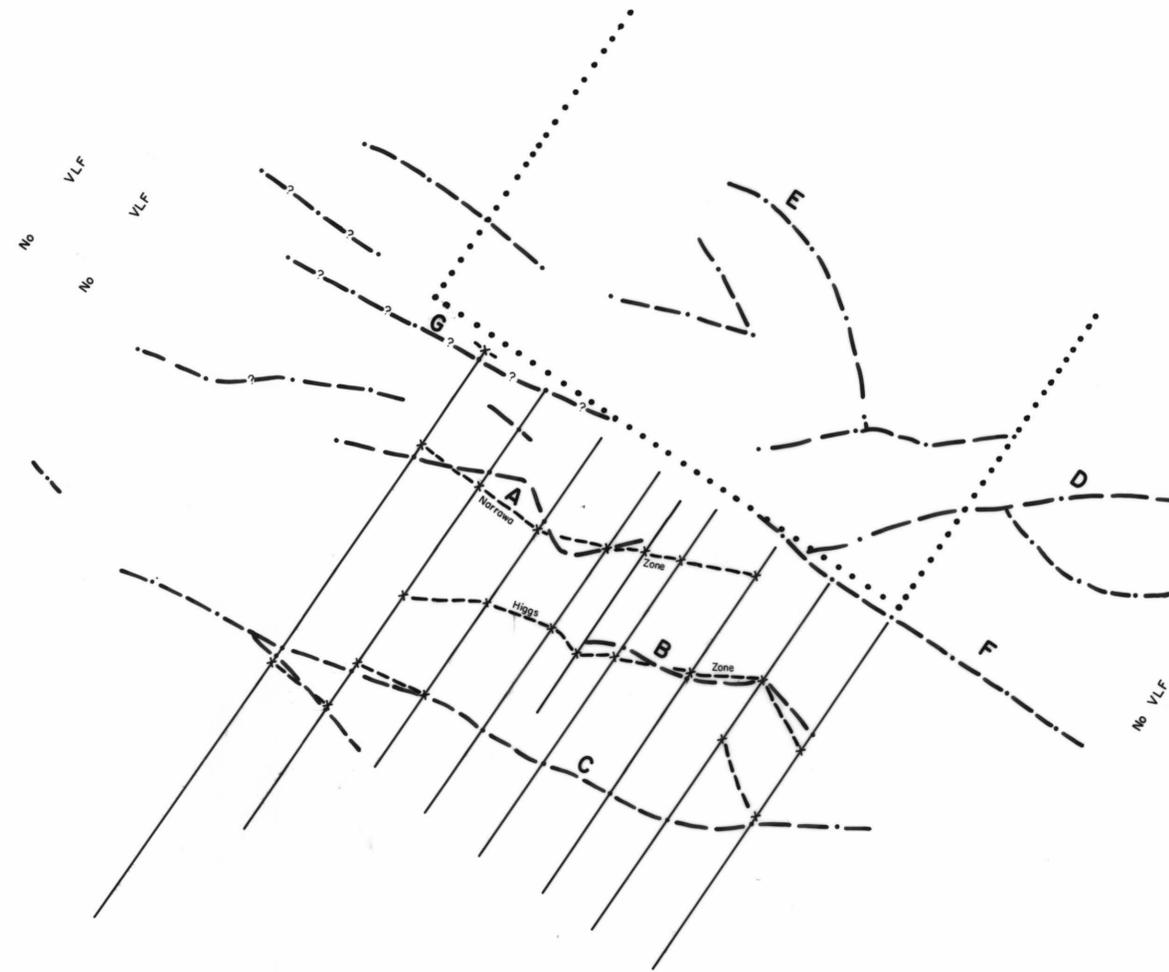
Tube Number 39; Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985

SOIL GEOCHEMISTRY

LEAD IN PPM.



R.R.
 S.F.
 MAR. 87



LEGEND

-  VLF response
-  UTEM response
-  Thicker line to show UTEM coverage
-  Utem Loop

Surveys for C.R.A
 (Fis. 1982)

03_4909

Tube Number 39: Moina 1986-87 (EL 28/1985)
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 Green, D. EL28/1985

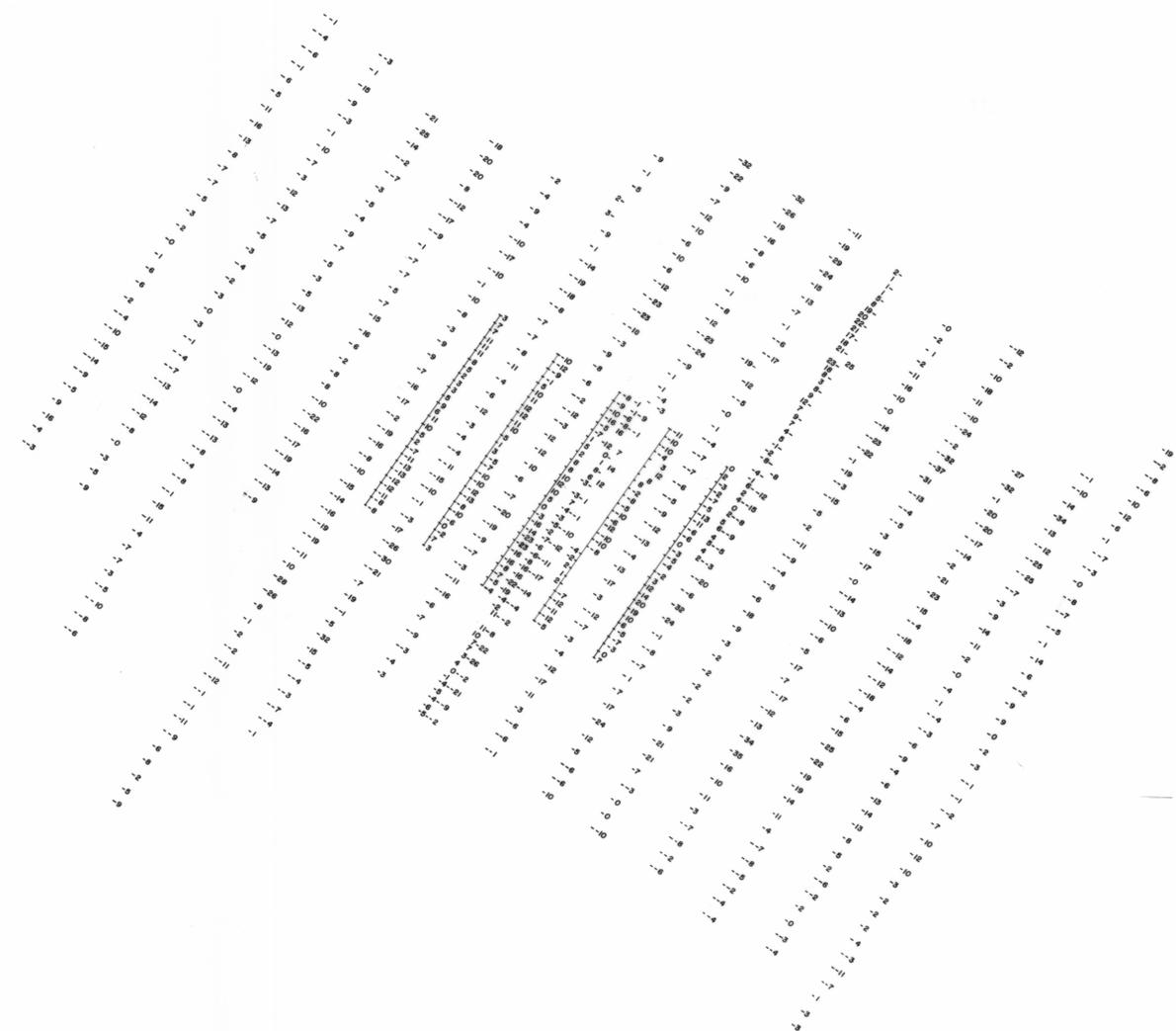
G.M.B.
 May '87

**GEOPHYSICAL
 COMPILATION**

(Ref: GF/MG 87/03)



MOINA AREA
1:5000
FILTERED VLF CONTOURS
OVERLAY
CETHANA 2-2

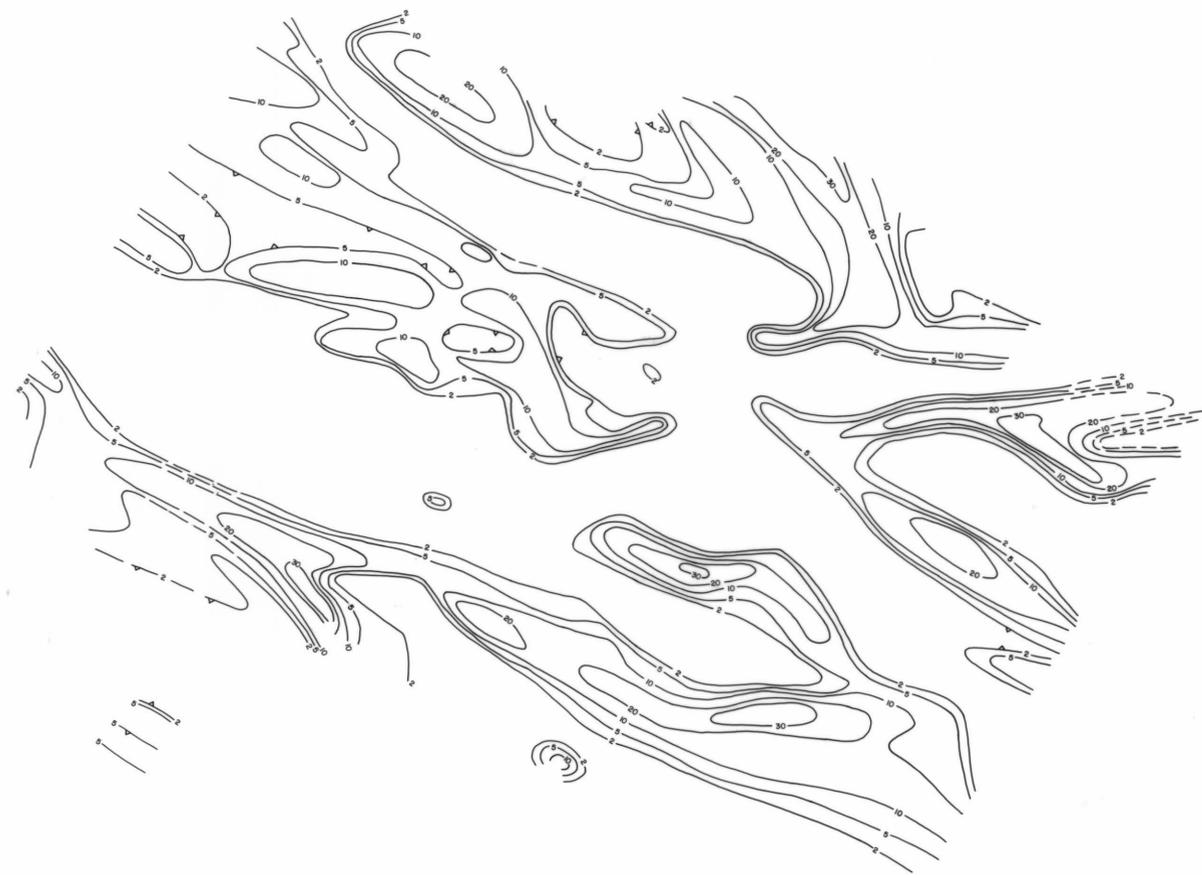


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Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific
Green, D. EL26/1985



MOJINA AREA
1:5000
FILTERED VLF CONTOURS.
CETHANA 2-2.



Survey for C.R.A.
(Flis. 1982)
Infill lines: GFEL. 1987
Instrument: Phoenix VLF-2
Data filtered after Fraser (1969)
Contours 2, 5, 10, 20 and 30 degrees.

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Tube Number 39: Mojna 1986-87 (EL 26/1985)
Placer Dome Asia Pacific
Green, D. EL26/1985

FILTERED VLF CONTOURS

5 cm

Ref: GF/MG87/03

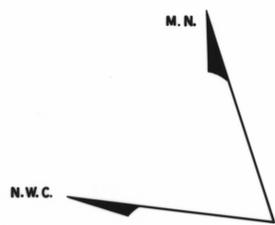
R.H.R.
G.B.
APR. '87



SURVEY INFORMATION
 N.W. CAPE TRANSMITTER (295° MN)
 PHOENIX V.L.F. - 2

LEGEND
 X—X UTEM ANOMALIES & CONDUCTOR TRACE
 ● 19 I APPROX. POSITION OF DIGHEM ANOMALIES
 ⊗ 20 xR

—10— CONTOURED V.L.F. DATA



03_4909

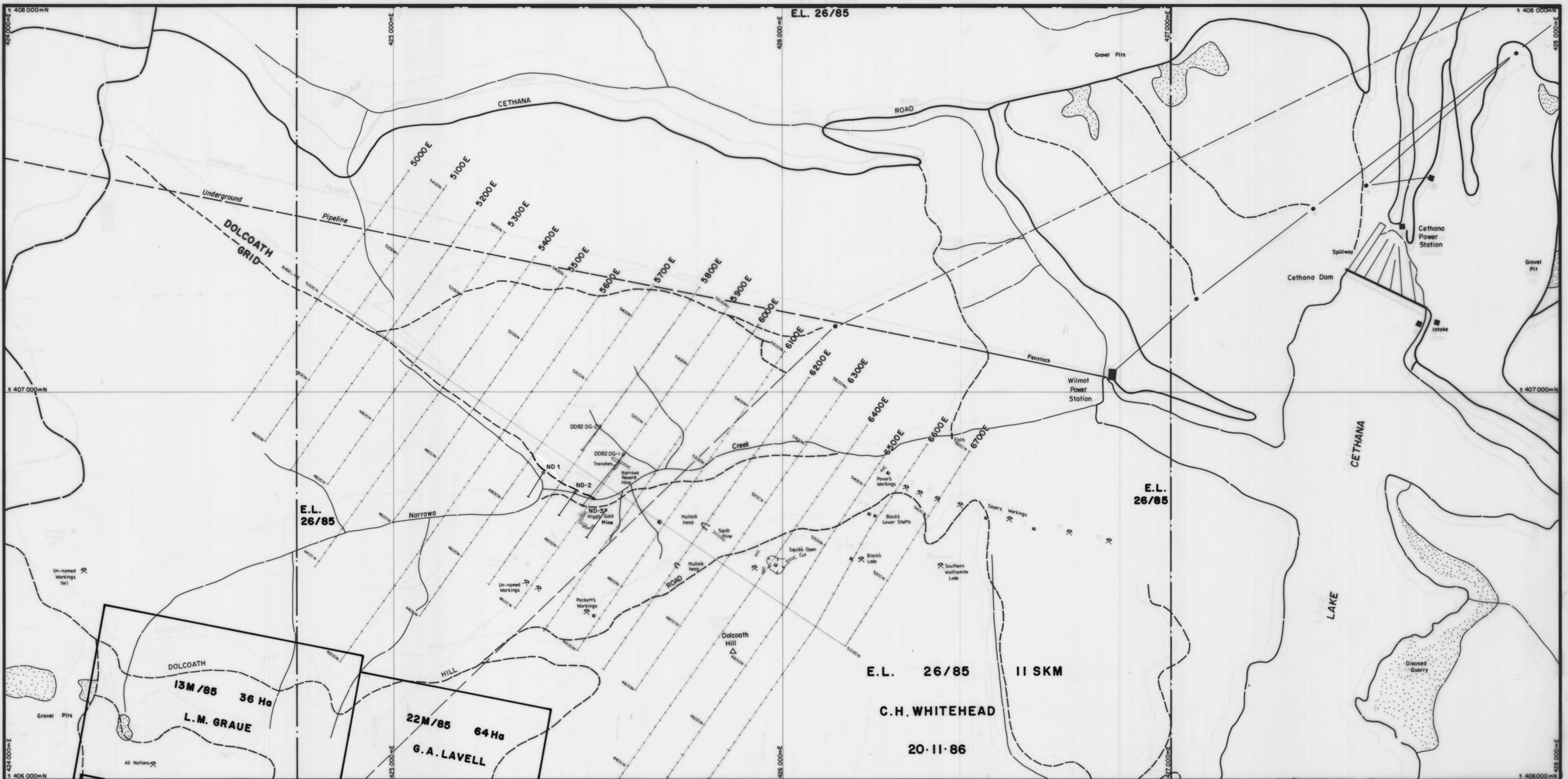
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 Placer Dome Asia Pacific
 Green, D. EL26/1985

**NORMALISED V.L.F. - E.M. DIPS
 WITH
 DIGHEM & UTEM ANOMALIES**



C.R.A.
 S.F.
 Oct. 81
 G.F.E.L.
 Oct. 86

MOINA AREA
 1:5000
 MINING LEASE OVERLAY
 2-2



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Tube Number 39: Moina 1986-87 (EL 26/1985)
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 Green, D. EL26/1985

INDEX TO ADJOINING MAPS

1-1	1-2	1-3
2-1	2-2	2-3
3-1	3-2	3-3

GOLD FIELDS EXPLORATION PTY. LIMITED

**CETHANA
 MOINA AREA - EL 26/85
 MINING LEASE OVERLAY**

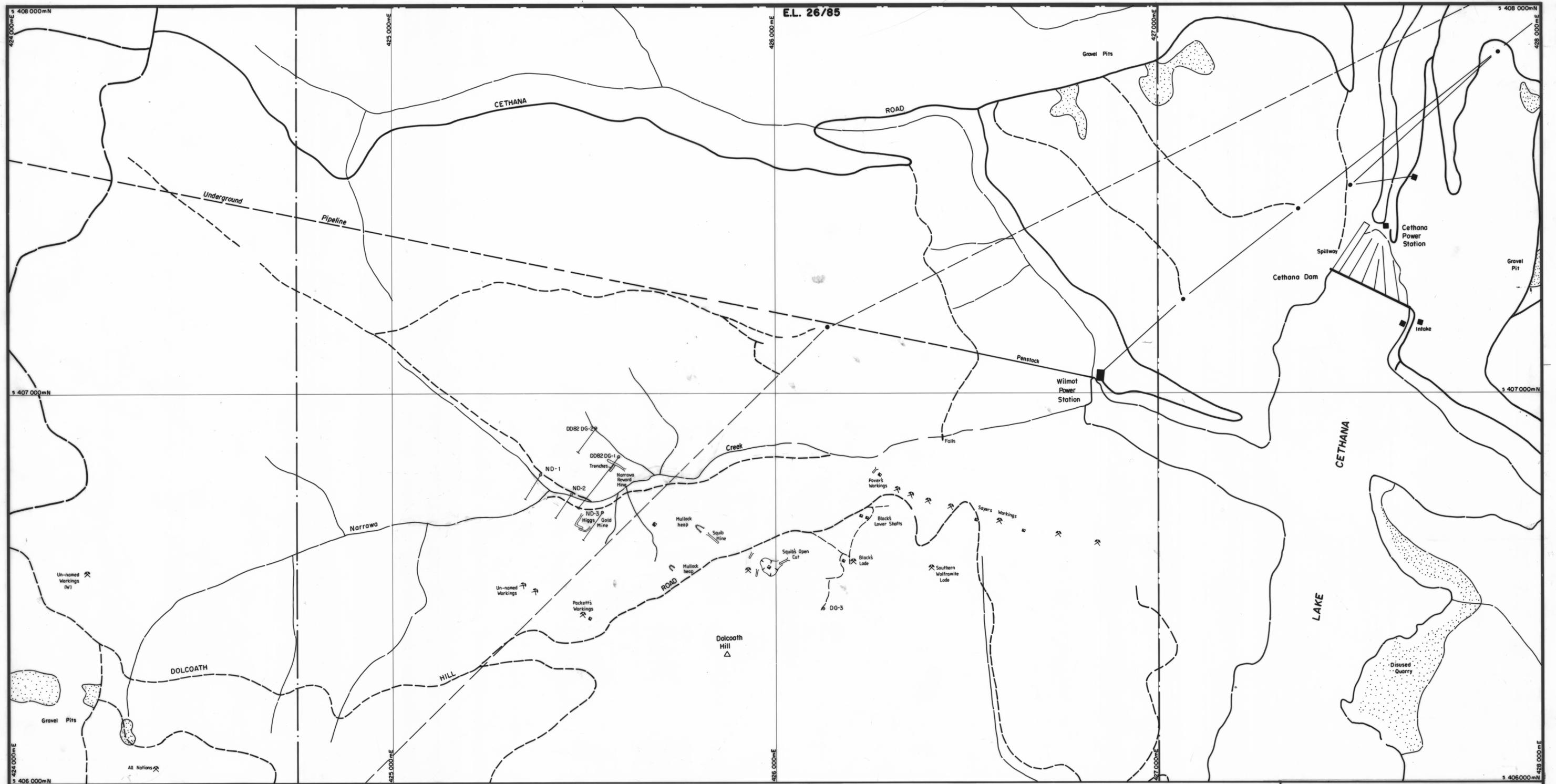
SCALE 1:5000

5 cm

100 50 0 100 200 METRES

DRAWN BY	
DRAFTSMAN	
DATE	
REVISIONS	
FILE NO.	
FIG.	

MOINA AREA
 1:5000
 SHEET
 CETHANA 2-2



E.L. 26/85

03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific*
 Green, D. EL26/1985

INDEX TO ADJOINING MAPS

1-1	1-2	1-3
2-1	2-2	2-3
3-1	3-2	3-3

RGCEXPLORATION PTY. LIMITED

CETHANA
MOINA AREA - EL 26/85

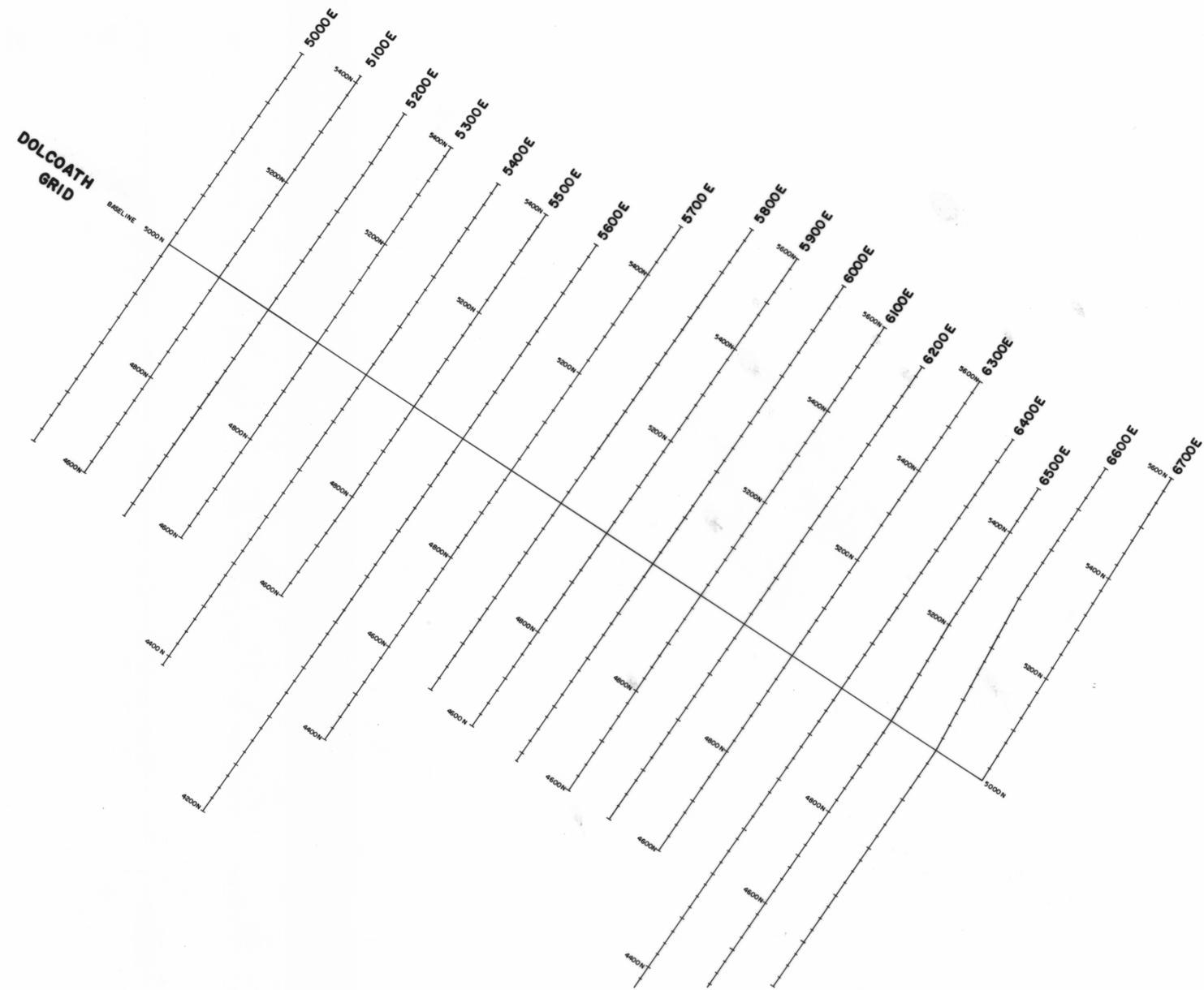
SCALE 1:5000

5 cm

100 50 0 100 200 METRES

DRAWN BY :
DRAFTSMAN :
DATE :
REVISIONS :
FILE NO. :
FIG. :

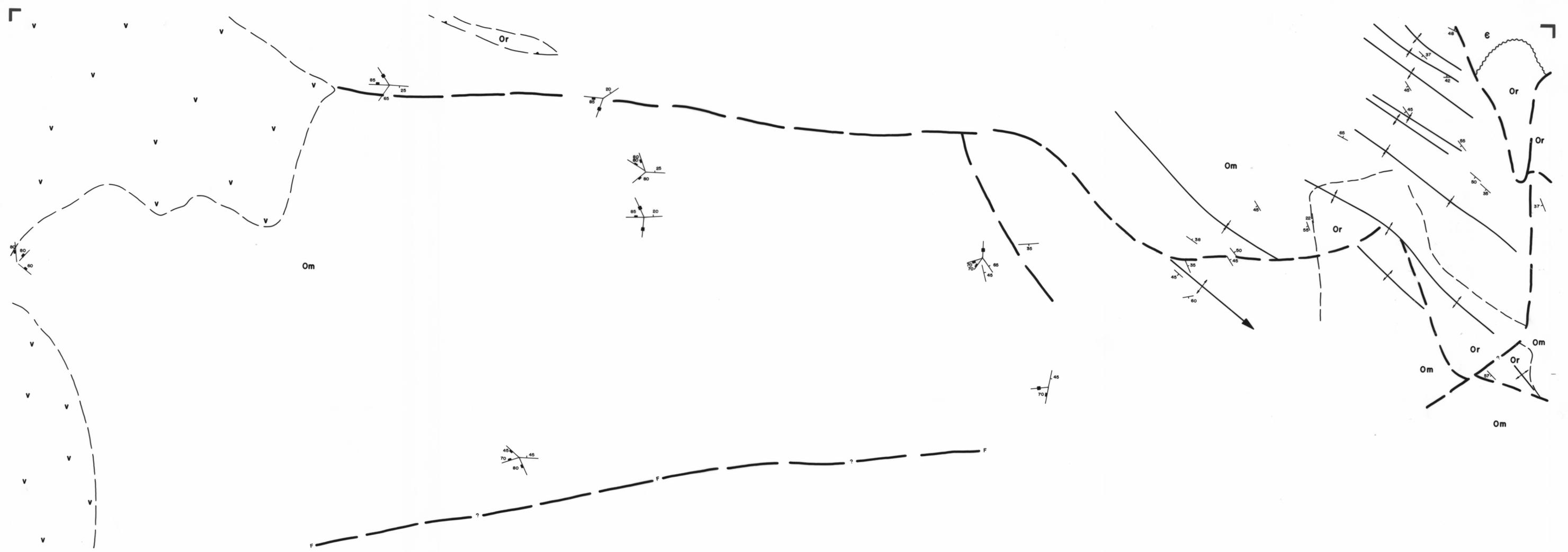
MOINA AREA
1:5,000
GRID OVERLAY
CETHANA



03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific
Green, D. EL26/1985

5 cm



LEGEND

- | | |
|--|-----------------------------------|
| v Tertiary Basalt | Geological Contact |
| Om Ordovician Moina Sandstone | Fault |
| Or Ordovician Roland Conglomerate | Bedding - strike & dip direction |
| e Cambrian Undifferentiated | Jointing - strike & dip direction |
| | Fold - direction of axis plunge |

GEOLOGY BY - : G.E. Hale, K.D. Corbett & C.E. Raulings ①
 : S.J. Patterson ②



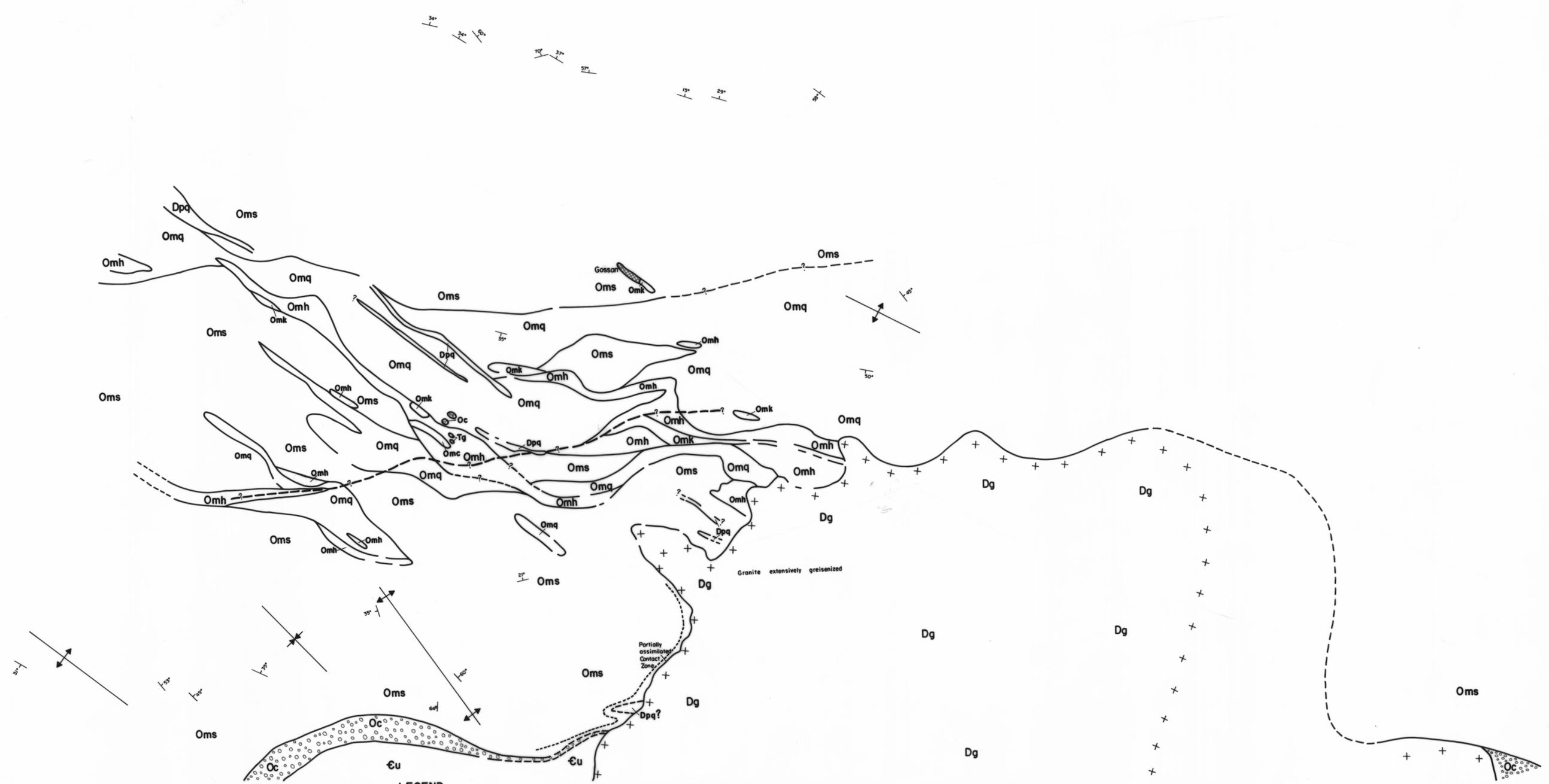
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Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific*
 Green, D. EL26/1985

M.J.F.
 G.B.
 OCT. '88

**HEC
 REGIONAL
 GEOLOGY**

5 cm



LEGEND

TERTIARY

- Tv Tertiary Basalt
- Tg Tertiary Greybilly

Moina Sandstone

- Oms Predominantly sandstone with some argillaceous zones. Can contain worm casts (tubular sandstone). Pyritic
- Om_q Quartzite - contact metamorphosed (? silicified). Hard & well fractured. Pyritic
- Om_h Pelitic to psammopelitic hornfels. Varies from impure quartzite to cordierite-bearing pelite
- Om_c Calc-silicate zones. Varies from calc-silicate lenses within more siliceous and pelitic hornfels to predominantly calc-silicate
- Om_k Skarn. Dark green banded edenbergite actinolite, diopside skarns. Can contain significant pyrrhotite & magnetite

INTRUSIVES

- Dpq Quartz Porphyry dykes

DEVONIAN

- Dg Dalcooth Granite: Devonian Granite. Equigranular, often highly greisenised

CAMBRIAN

- Cu Undifferentiated

Other Features:

- Oc₂ Roland Conglomerate. Clean boulder conglomerate. Clasts up to 20 cm
- Gossan Zone
- Partially assimilated Contact Zone

Strike & Dip

Anticline

Syncline

Cur Grid

Geology Contact

Fault

HIGGS

Old Mines

5 cm

FACTUAL & INTERPRETIVE GEOLOGY

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GF/MG87/03

Tube Number 39: Moina 1986-87 (EL 26/1985)

Placer Dome Asia Pacific
 Green, D.

EL26/1985

C.R.A.
 S.F.
 NOV. 86

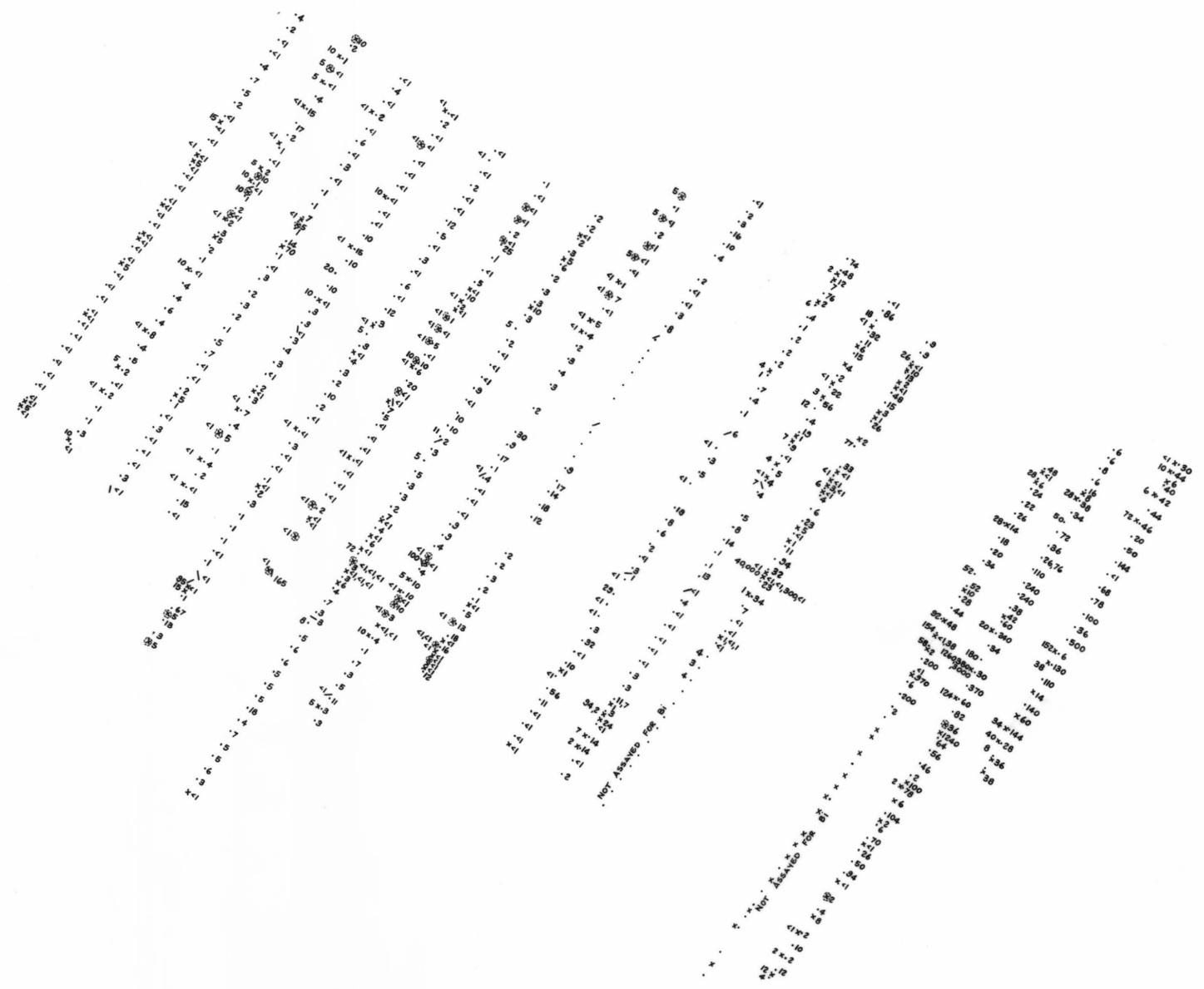


KEY
 * SOIL SAMPLE
 * ROCK SAMPLE (OUTCROP)
 * ROCK SAMPLE (FLOAT)
 / STREAM SEDIMENT SAMPLE

5 cm

03_4909
 Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985
COPPER GEOCHEMISTRY (P.P.M)

R.R
 S.F
 Oct. 86

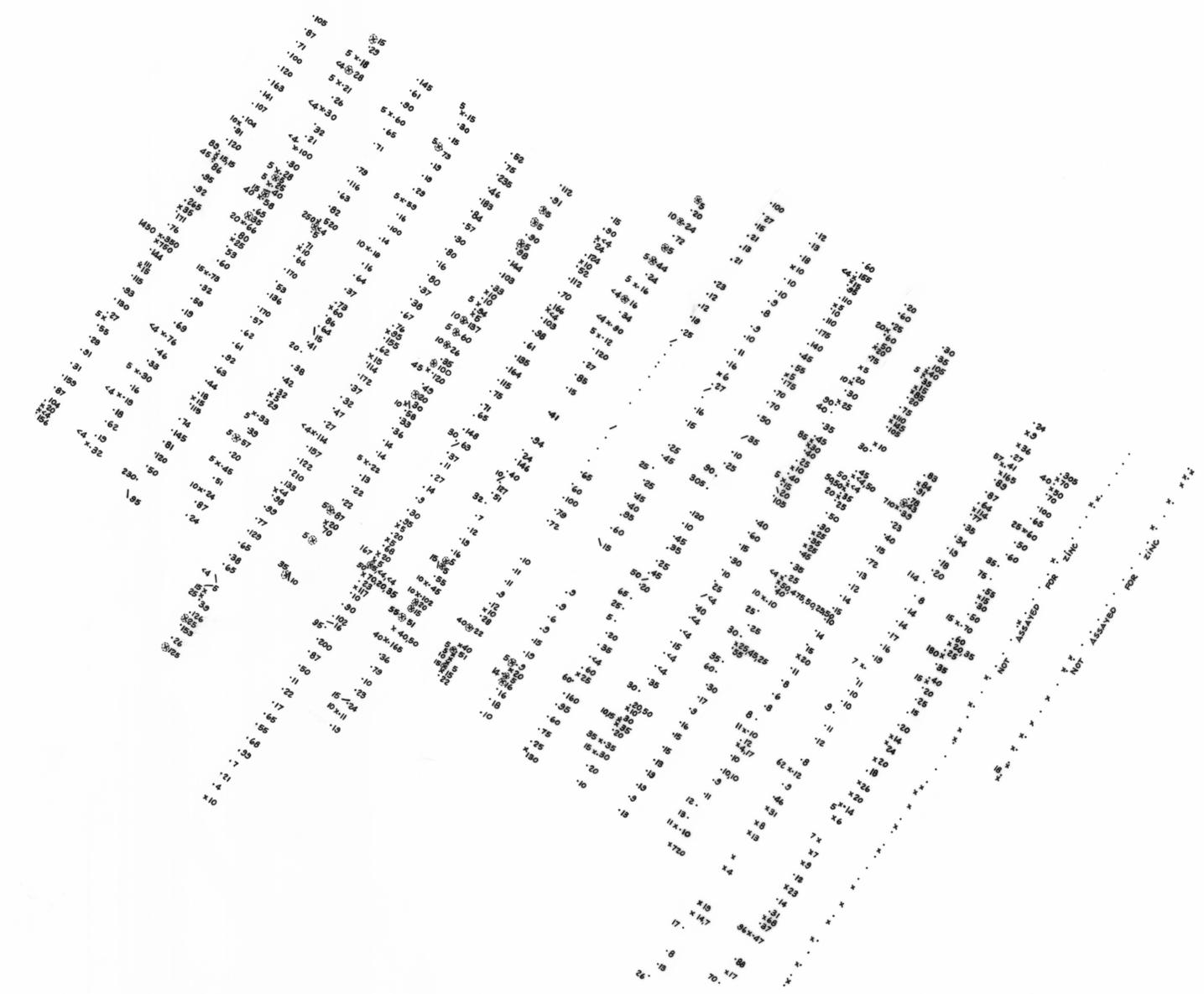


KEY
 • SOIL SAMPLE
 * ROCK SAMPLE (OUTCROP)
 x ROCK SAMPLE (FLOAT)
 / STREAM SEDIMENT SAMPLE

5 cm

03_4909
 Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985
BISMUTH GEOCHEMISTRY
 (P.R.M.)

R.R.
 S.F.
 OCT, 86



KEY
 • SOIL SAMPLE
 * ROCK SAMPLE (OUTCROP)
 x ROCK SAMPLE (FLOAT)
 / STREAM SEDIMENT SAMPLE

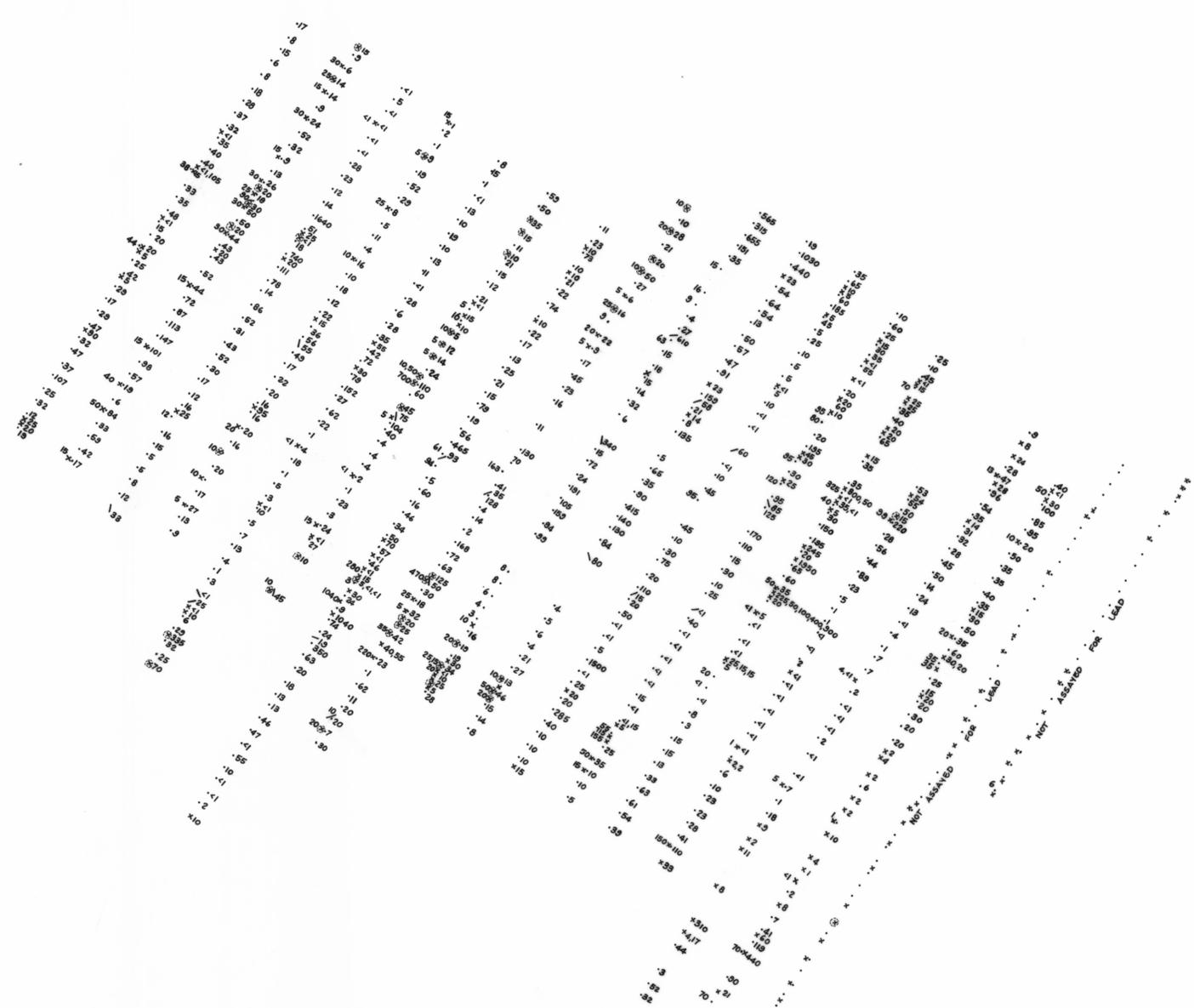


03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985

**ZINC GEOCHEMISTRY
 (P.P.M.)**

R.R.
 S.F.
 OCT.86



KEY
 • SOIL SAMPLE
 x ROCK SAMPLE (OUTCROP)
 x ROCK SAMPLE (FLOAT)
 / STREAM SEDIMENT SAMPLE



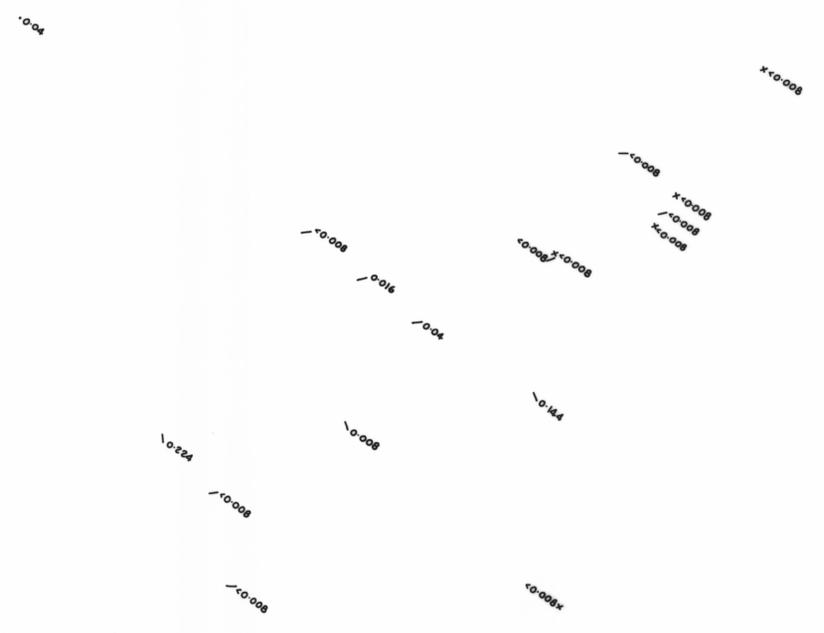
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Tube Number 39, Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985

LEAD GEOCHEMISTRY (PPM.)

R.R.
 S.F.
 Oct. 86

MOINA AREA
15000 GOLD
GEOCHEMISTRY
CETHANA 2-2



KEY
• SOIL SAMPLE
⊗ ROCK SAMPLE (OUTCROP)
x ROCK SAMPLE (FLOAT)
/ STREAM SEDIMENT SAMPLE



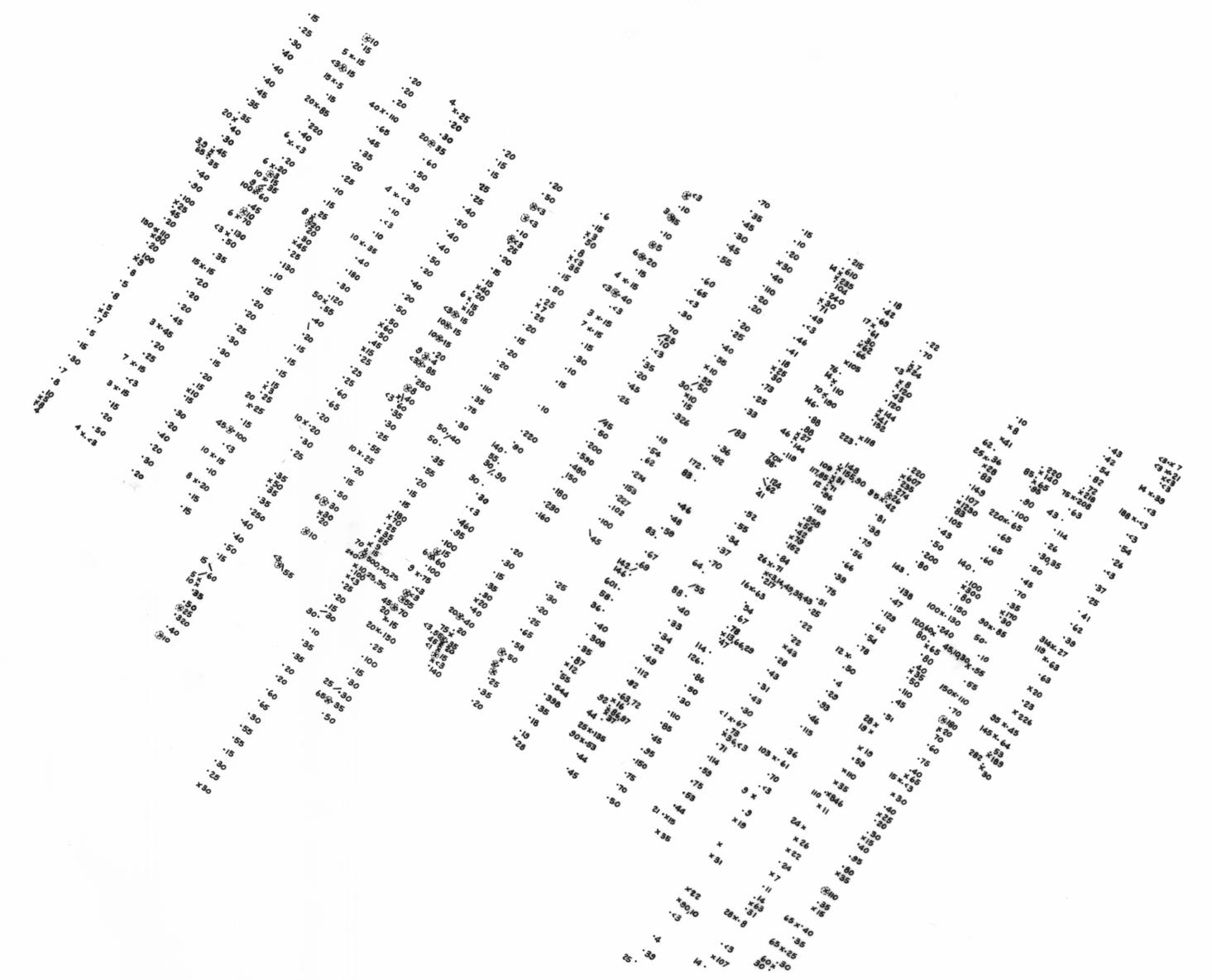
**GOLD GEOCHEMISTRY
(R.P.M)**

03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific
Green, D. EL26/1985

R.R.
S.F.
Oct. 86

26



KEY

- SOIL SAMPLE
- * ROCK SAMPLE (OUTCROP)
- x ROCK SAMPLE (FLOAT)
- / STREAM SEDIMENT SAMPLE

5 cm

**TIN GEOCHEMISTRY
 (P.P.M.)**

03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985



KEY

- SOIL SAMPLE
- x ROCK SAMPLE (OUTCROP)
- x ROCK SAMPLE (FLOAT)
- / STREAM SEDIMENT SAMPLE

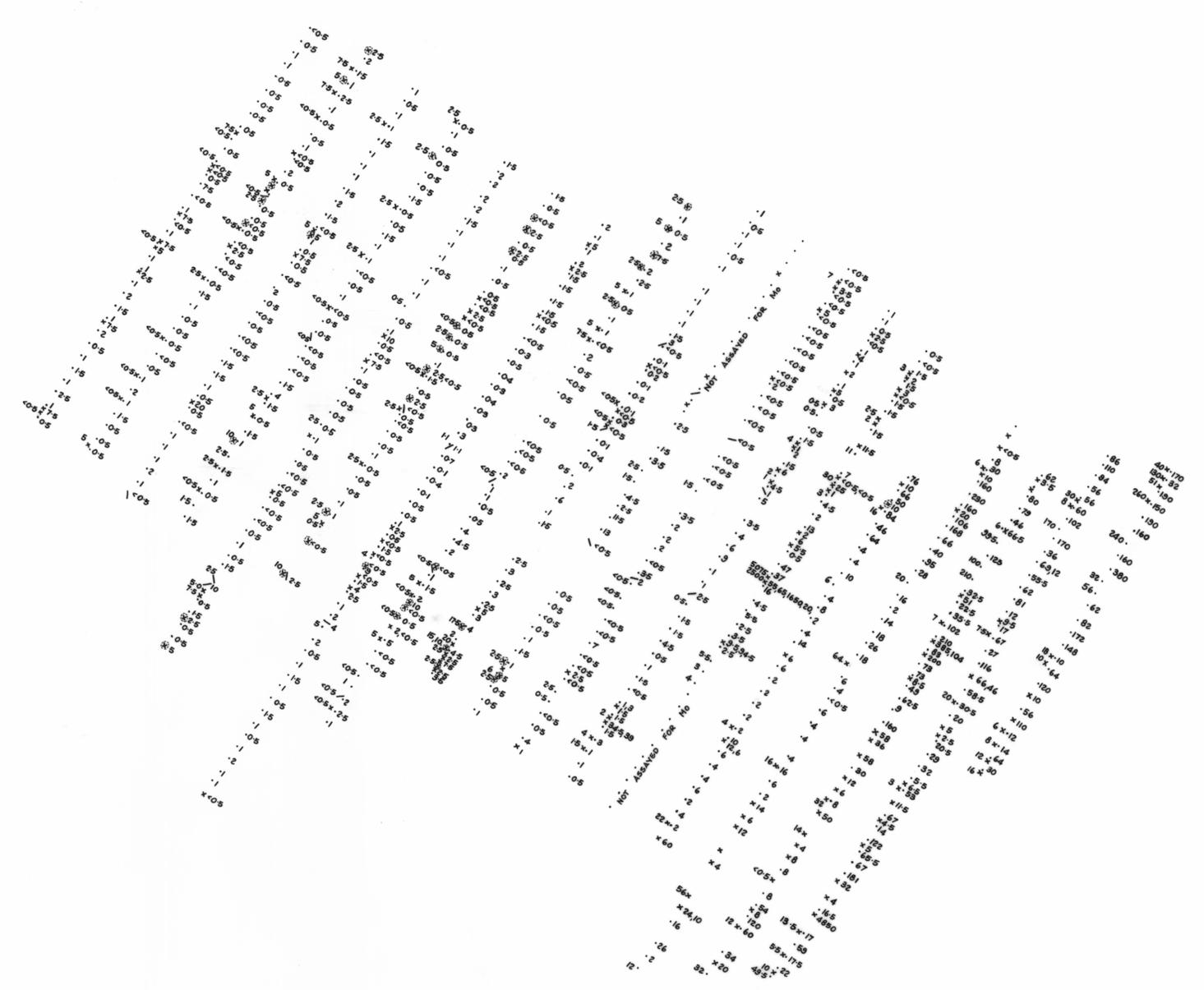
5 cm

**SILVER GEOCHEMISTRY
 (PPM.)**

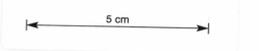
03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985

R.R
 S.F
 Oct., 86



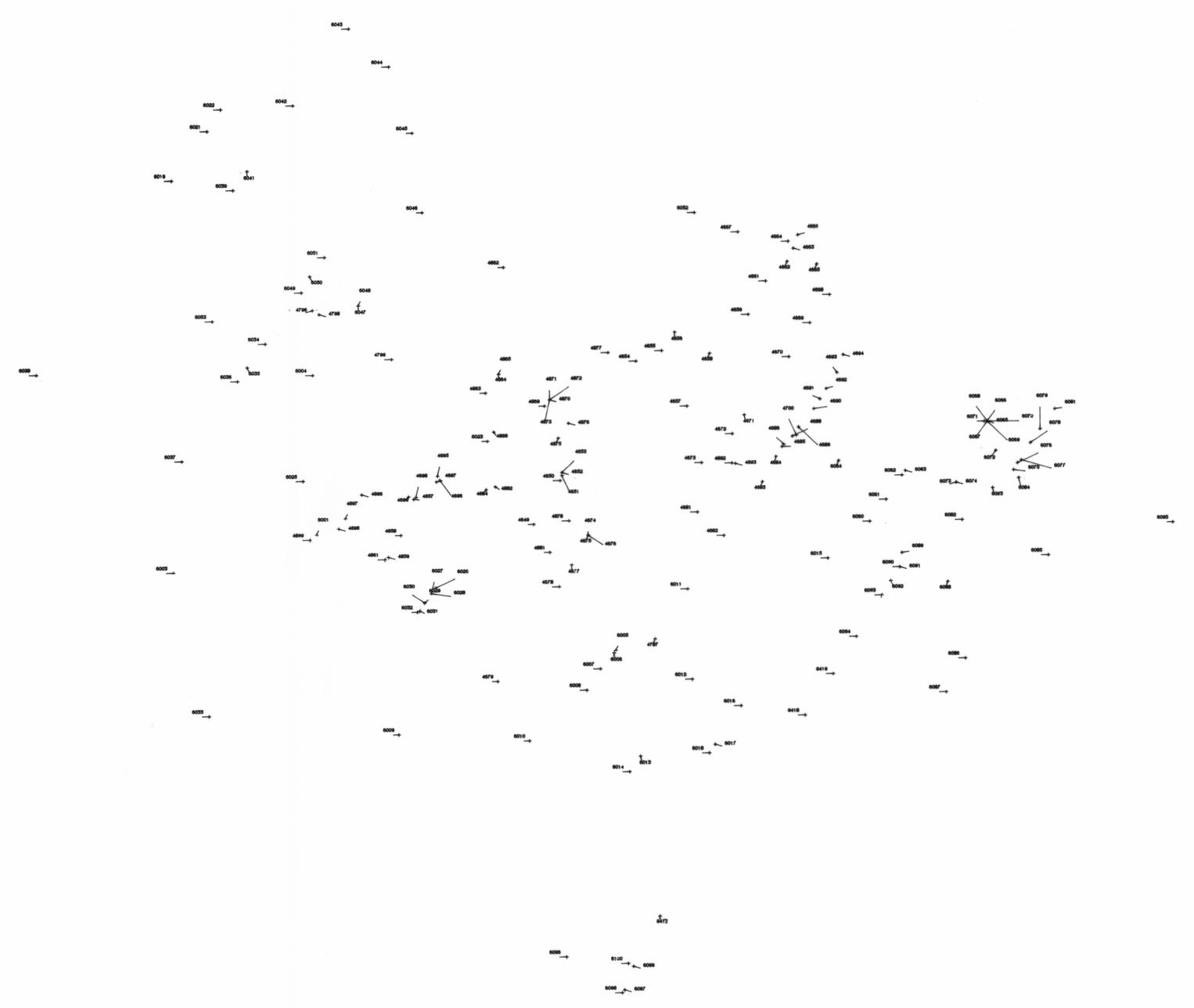
KEY
 • SOIL SAMPLE
 X ROCK SAMPLE (OUTCROP)
 X ROCK SAMPLE (FLOAT)
 / STREAM SEDIMENT SAMPLE



**MOLYBDENUM GEOCHEMISTRY
 (P.P.M.)**

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MOINA AREA
E.L. 26/85
1:5000
SAMPLE LOCATION N^o.S
ROCK CHIP



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Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific* EL26/1985
Green, D.

**SAMPLE LOCATIONS
(ROCK)**

5 cm

R. H. R.

OCT '87

33

MOINA E.L. 26/85
1:5000
ROCK GEOCHEMISTRY
ARSENIC IN P.P.M.



03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific*
Green, D. EL26/1985

ROCK GEOCHEMISTRY
ARSENIC
(IN P.P.M.)

5 cm

MOINA AREA - E.L. 26/85
1:5000
ROCK GEOCHEMISTRY
BISMUTH
(IN P.P.M.)



03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific* EL26/1985
Green, D.

ROCK GEOCHEMISTRY
BISMUTH
(IN P.P.M.)



MOINA AREA - E.L. 26/85
1:5000
ROCK GEOCHEMISTRY
COPPER
(IN P.P.M.)



03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific*
Green, D. EL26/1985

ROCK GEOCHEMISTRY
COPPER
(IN P.P.M.)

5 cm

MOINA AREA - E.L. 26/85
1:5000
ZINC GEOCHEMISTRY
ROCK CHIP
(IN P.P.M.)



802-3

03_4909

Tube Number 39: Moina 1986-87 (EL 20/1985)
Placer Dome Asia Pacific*
Green, D. EL20/1985

ROCK GEOCHEMISTRY
ZINC
(IN P.P.M.)



MOINA AREA - E.L. 26/85
1:5000
LEAD GEOCHEMISTRY
ROCK CHIP
(IN P.P.M.)



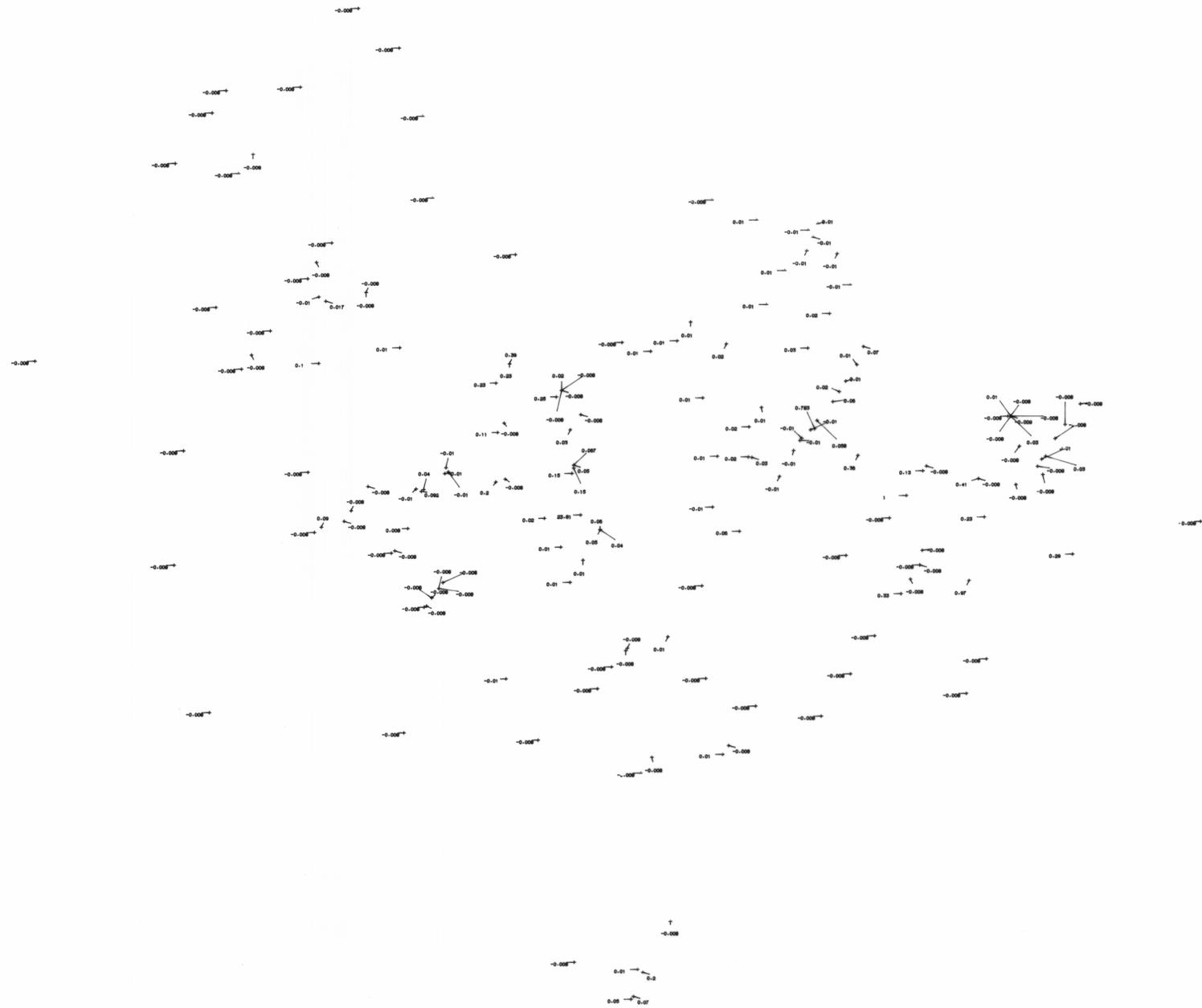
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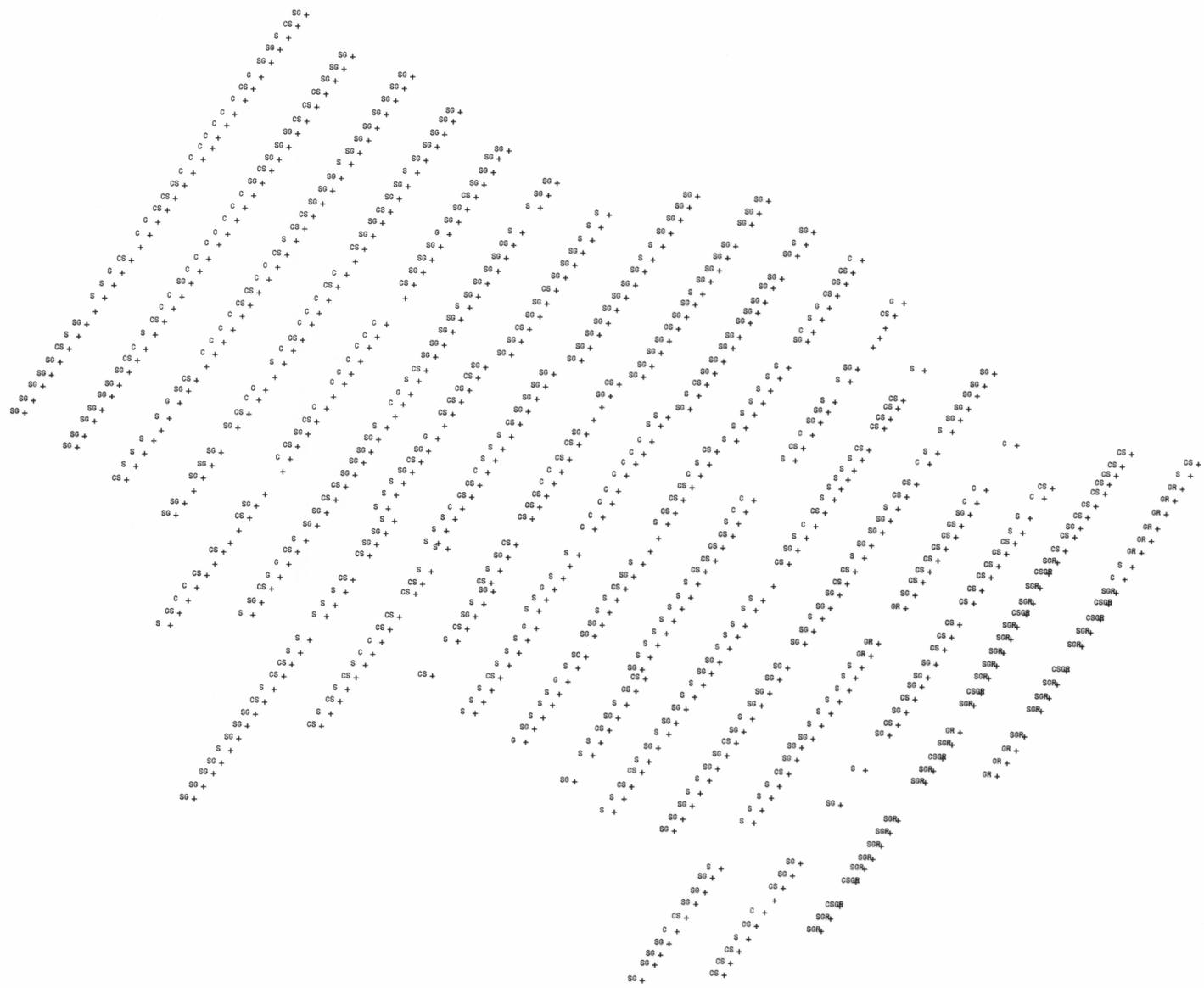
Tube Number 39; Moins 1986-87 (EL 23/1985)
Placer Dome Asia Pacific*
Green, D. EL28/1985

ROCK GEOCHEMISTRY
LEAD
(IN P.P.M.)



MOINA AREA - E.L. 26/85
1:5000
GOLD GEOCHEMISTRY
(ROCK CHIP)
IN P.P.M.





5 cm

SOIL COMPOSITION
03_4909

Tube Number 39: Moina 1996-87 (EL 26/1985)
Placer Dome Asia Pacific*
Green, D. EL26/1985

MOINA AREA
1:5000
ARSENIC GEOCHEM.
CETHANA 2-2



03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific
Green, D. EL26/1985

ARSENIC GEOCHEMISTRY

(IN P.P.M.)



MOINA AREA
1:5000
COPPER GEOCHEMISTRY
CETHANA 2-2



03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific*
Green, D. EL26/1985

COPPER GEOCHEMISTRY

(IN P.P.M.)

5 cm

MOINA AREA
1:5000
LEAD GEOCHEMISTRY
CETHANA 2-2



03_4909

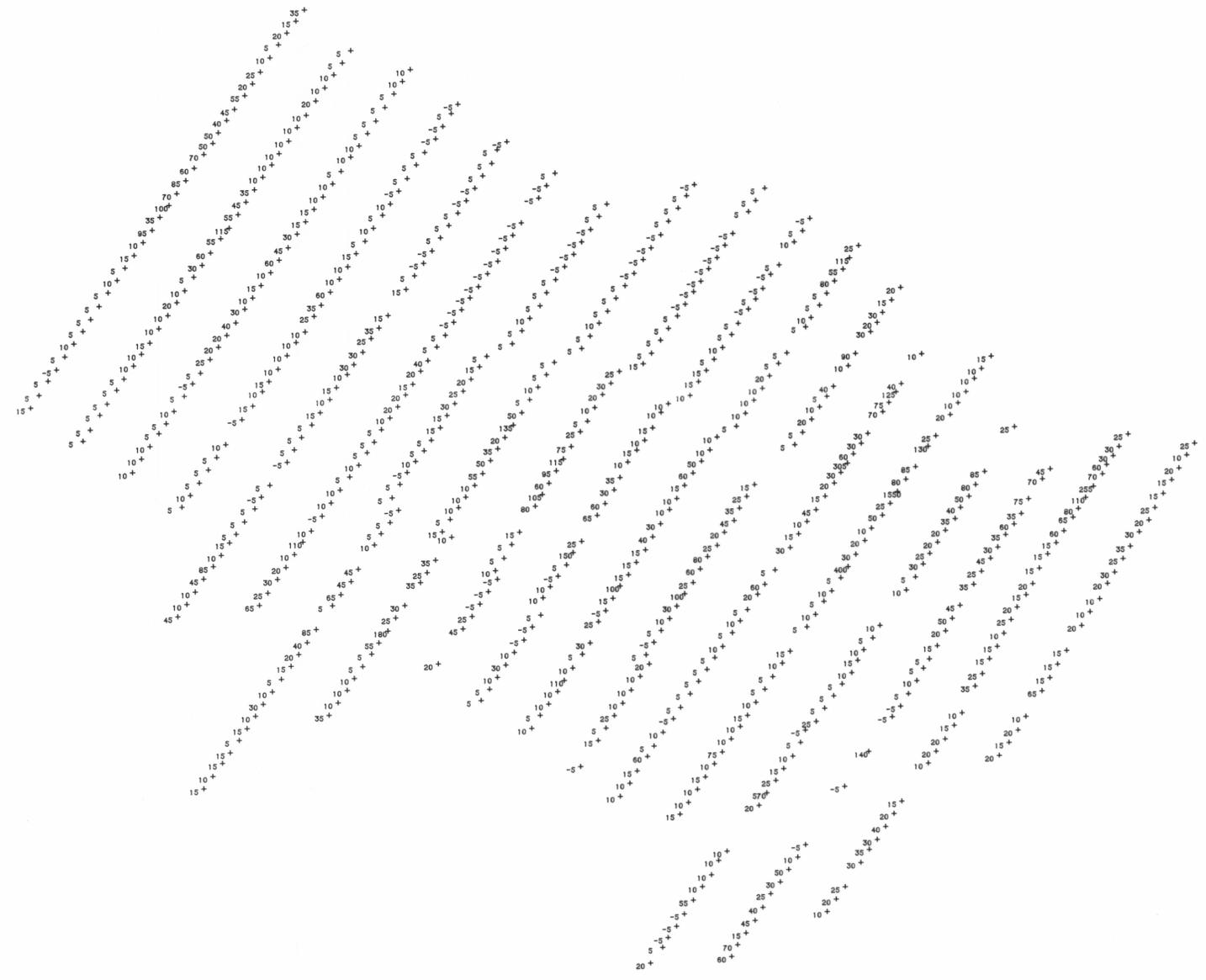
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Placer Dome Asia Pacific
Green, D. EL26/1985

LEAD GEOCHEMISTRY

(IN P.P.M.)



MOINA AREA
1:5000
ZINC GEOCHEMISTRY
CETHANA 2-2



03_4909

Tube Number 39; Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific
Green, D. EL26/1985

ZINC GEOCHEMISTRY
(IN P.P.M.)

5 cm

MOINA AREA
1:5000 (SOILS)
GOLD GEOCHEMISTRY
CETHANA 2-2



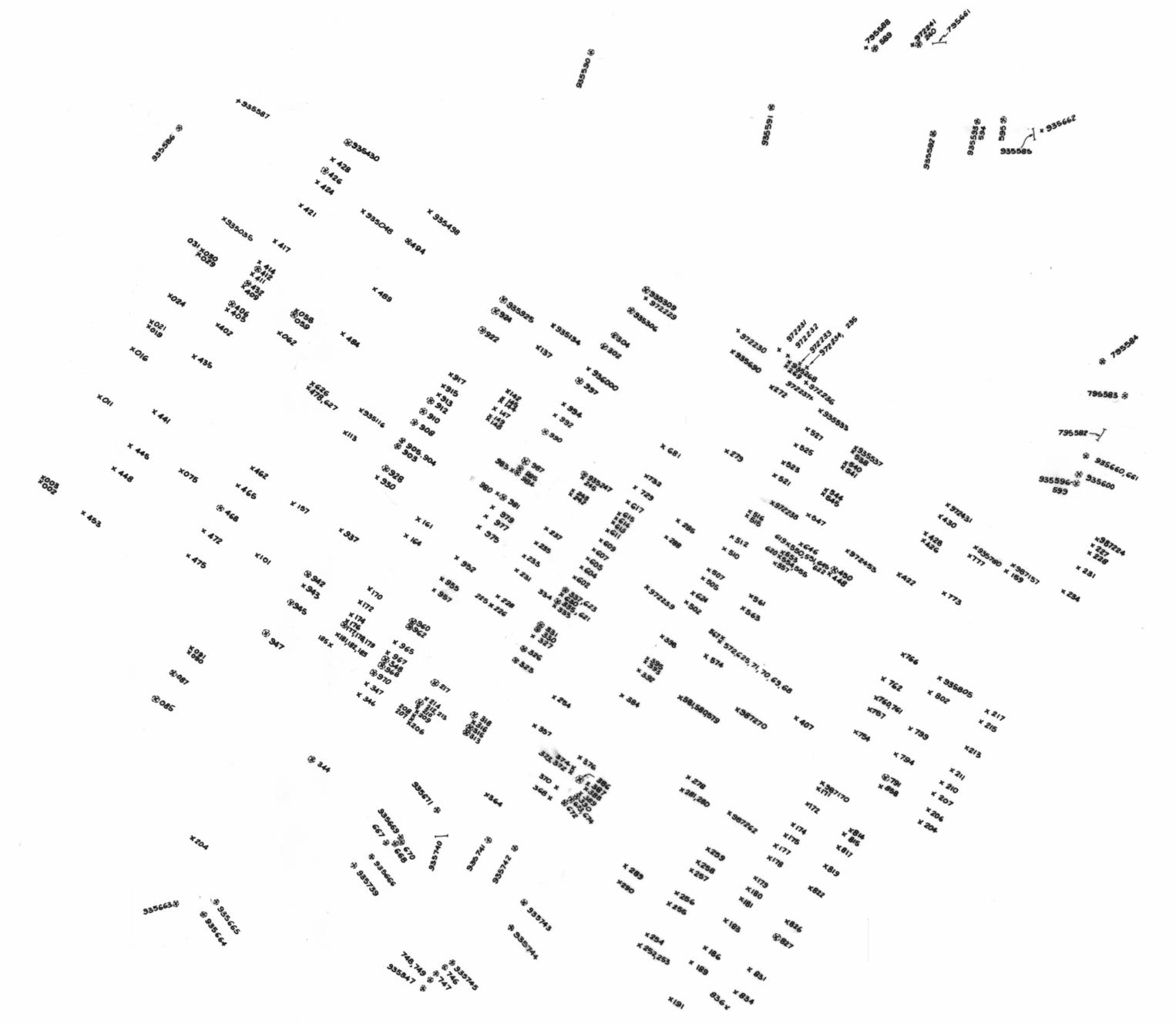
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Tube Number 35: Moina 1986-87 (EL 28/1985)
Placer Dome Asia Pacific
Green, D. EL28/1985

SOIL GEOCHEMISTRY
GOLD
(IN P.P.M.)



R.H.R.
OCT '87



KEY

- x Rock Chip (Float) Sample
- ⊙ Rock Chip (Outcrop) Sample

5 cm

SAMPLE LOCATIONS
03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985

R.R.
 G.B.
 Apr. '87

MOINA AREA
 1:5000
 ROCK GEOCHEMISTRY - C.R.A.
 ARSENIC (P.P.M.)
 CETHANA 2-2



KEY
 x Rock Chip (Float) Sample
 ⊗ Rock Chip (Outcrop) Sample

5 cm

ROCK GEOCHEMISTRY - C.R.A.
ARSENIC (P.P.M.)
03_4909

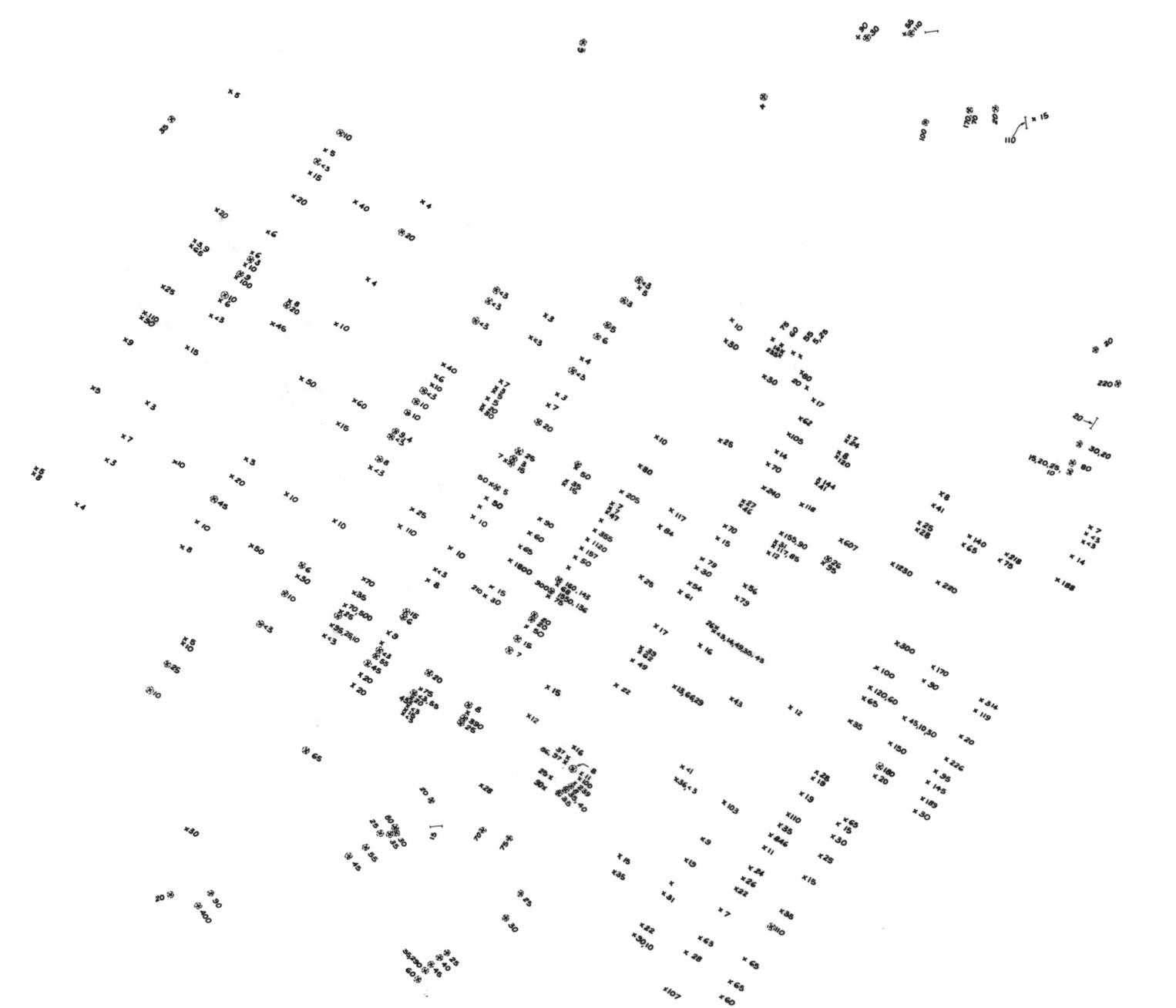
Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985



KEY
 x Rock Chip (Float) Sample
 ⊗ Rock Chip (Outcrop) Sample

5 cm

MOINA AREA
 1:5000 TIN
 ROCK GEOCHEM.
 C.R.A.
 CETHANA 2-2



KEY
 x Rock Chip (Float) Sample
 * Rock Chip (Outcrop) Sample

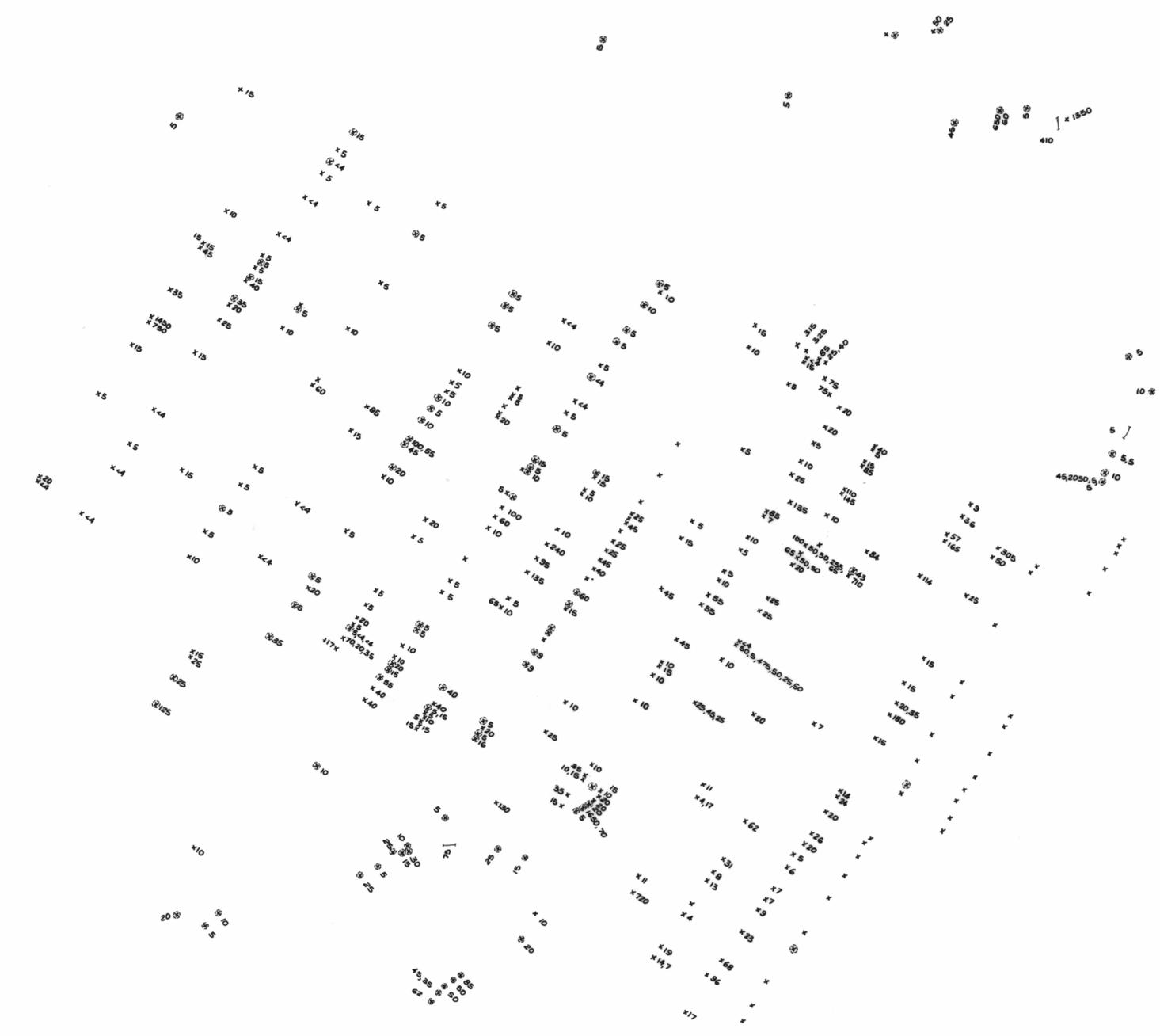
5 cm

ROCK GEOCHEMISTRY - C.R.A.
 TIN (P.P.M.)

03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985

R.R.
 G.B.
 May '87

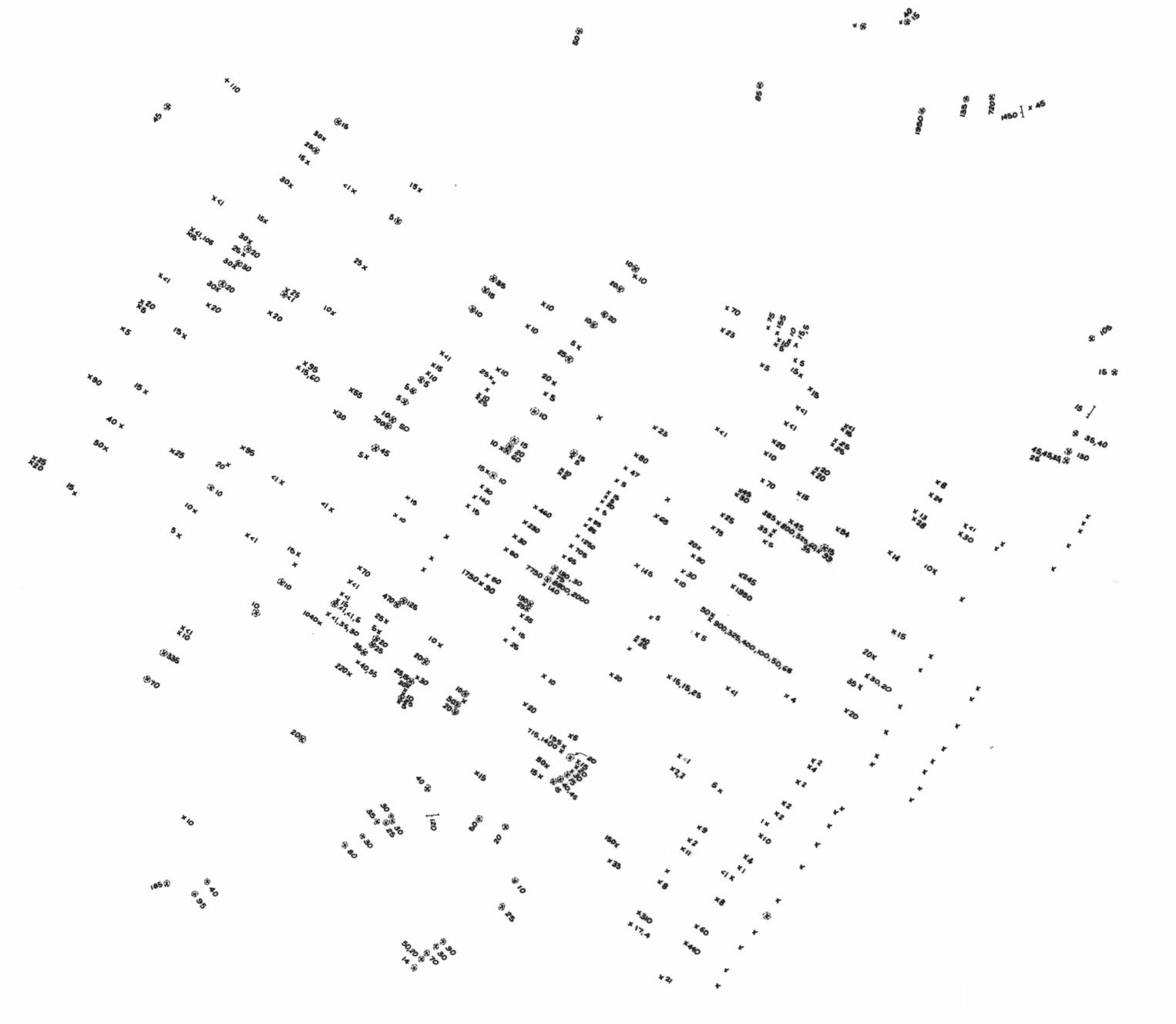


KEY
 x Rock Chip (Float) Sample
 ⊗ Rock Chip (Outcrop) Sample

5 cm

ROCK GEOCHEMISTRY - C.R.A.
ZINC (P.P.M.)
03_4909

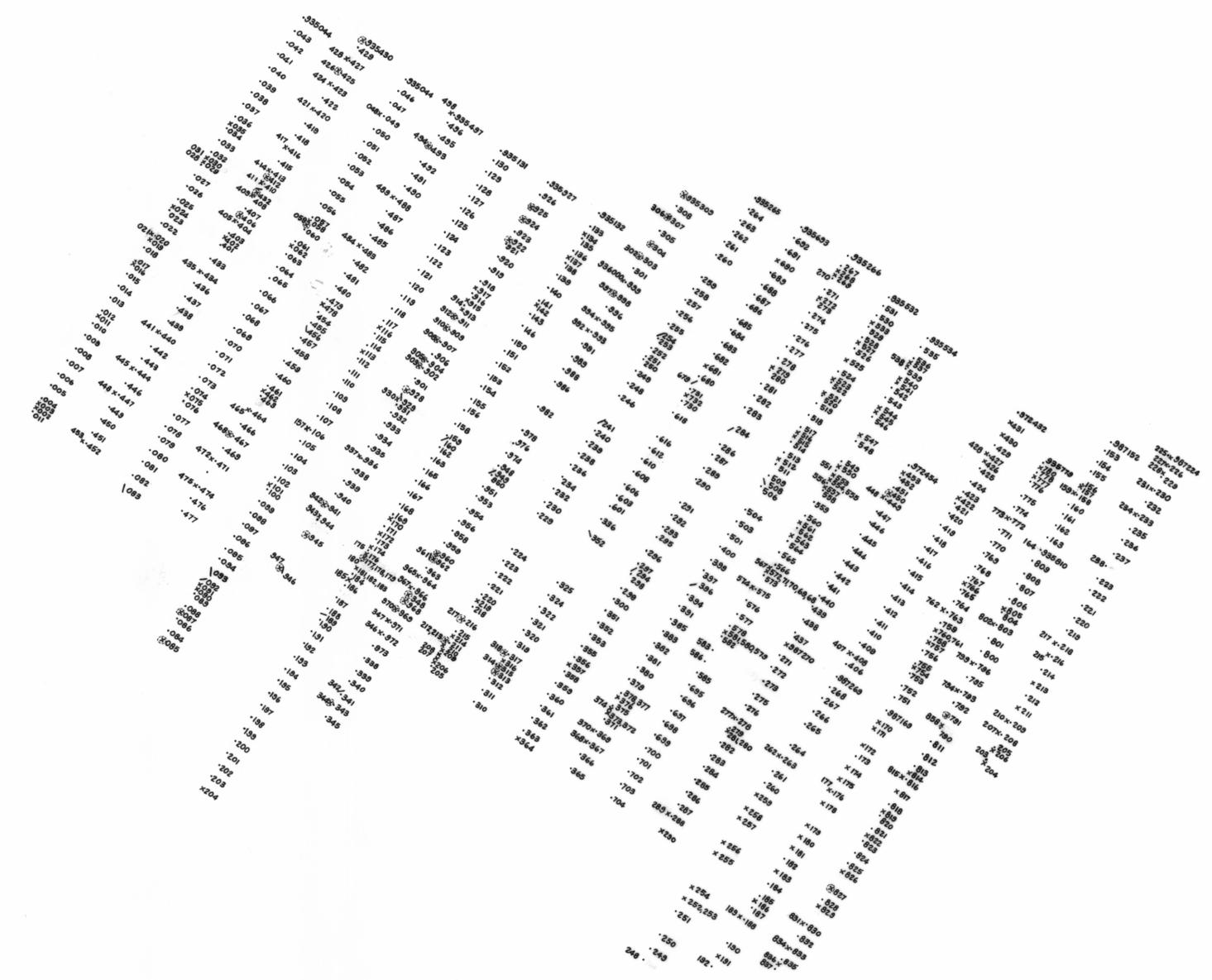
Tube Number 39: Moina 1980-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985



KEY
 x Rock Chip (Float) Sample
 ⊗ Rock Chip (Outcrop) Sample

5 cm

ROCK GEOCHEMISTRY - C.R.A.
LEAD (P.P.M.)
03_4909
 Tube Number 39: Moina 1986-87 (EL 26/1985)
 Placer Dome Asia Pacific
 Green, D. EL26/1985



KEY

- SOIL SAMPLE
- x ROCK SAMPLE (OUTCROP)
- x ROCK SAMPLE (FLOAT)
- / STREAM SEDIMENT SAMPLE

5 cm

SAMPLE LOCATIONS
03_4909

Tube Number 39: Moina 1986-87 (EL 26/1985)
Placer Dome Asia Pacific
Green, D. EL28/1985

NO	SAMPLES	TAKEN	SCORES	NO	SAMPLES	TAKEN	SCORES
1	1	1	1	11	11	11	11
2	2	2	2	12	12	12	12
3	3	3	3	13	13	13	13
4	4	4	4	14	14	14	14
5	5	5	5	15	15	15	15
6	6	6	6	16	16	16	16
7	7	7	7	17	17	17	17
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03-4409
 SOIL GEOCHEMISTRY
 ARSENIC IN PPM.

