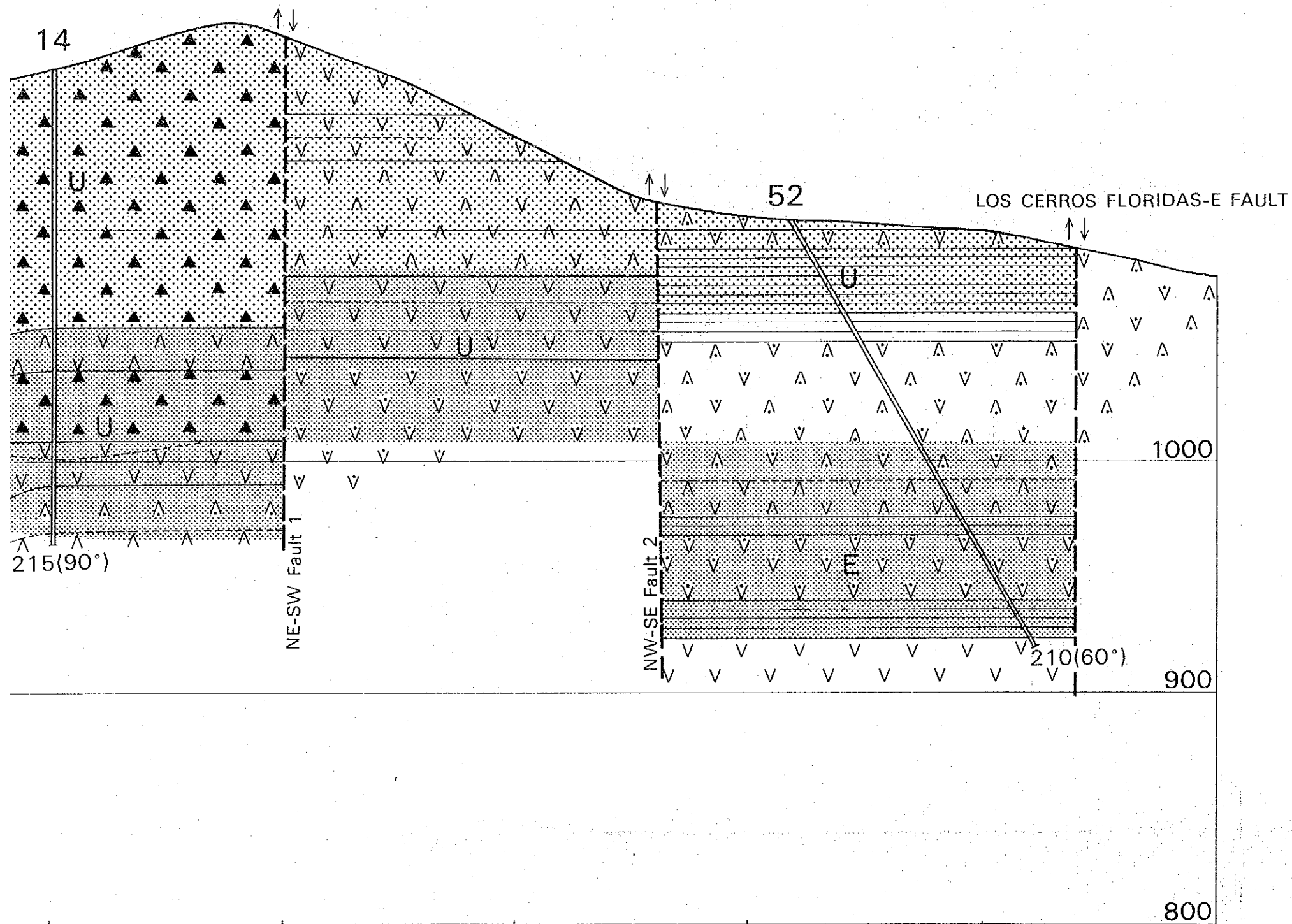
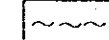
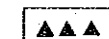


EW-7

















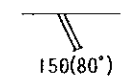
LEGEND

-  Silicified rock and Cataclasite
-  "Hydrothermal Breccia"
(Brecciated Andesite abundant in Magnetite,
Hematite and Specularite Ore)

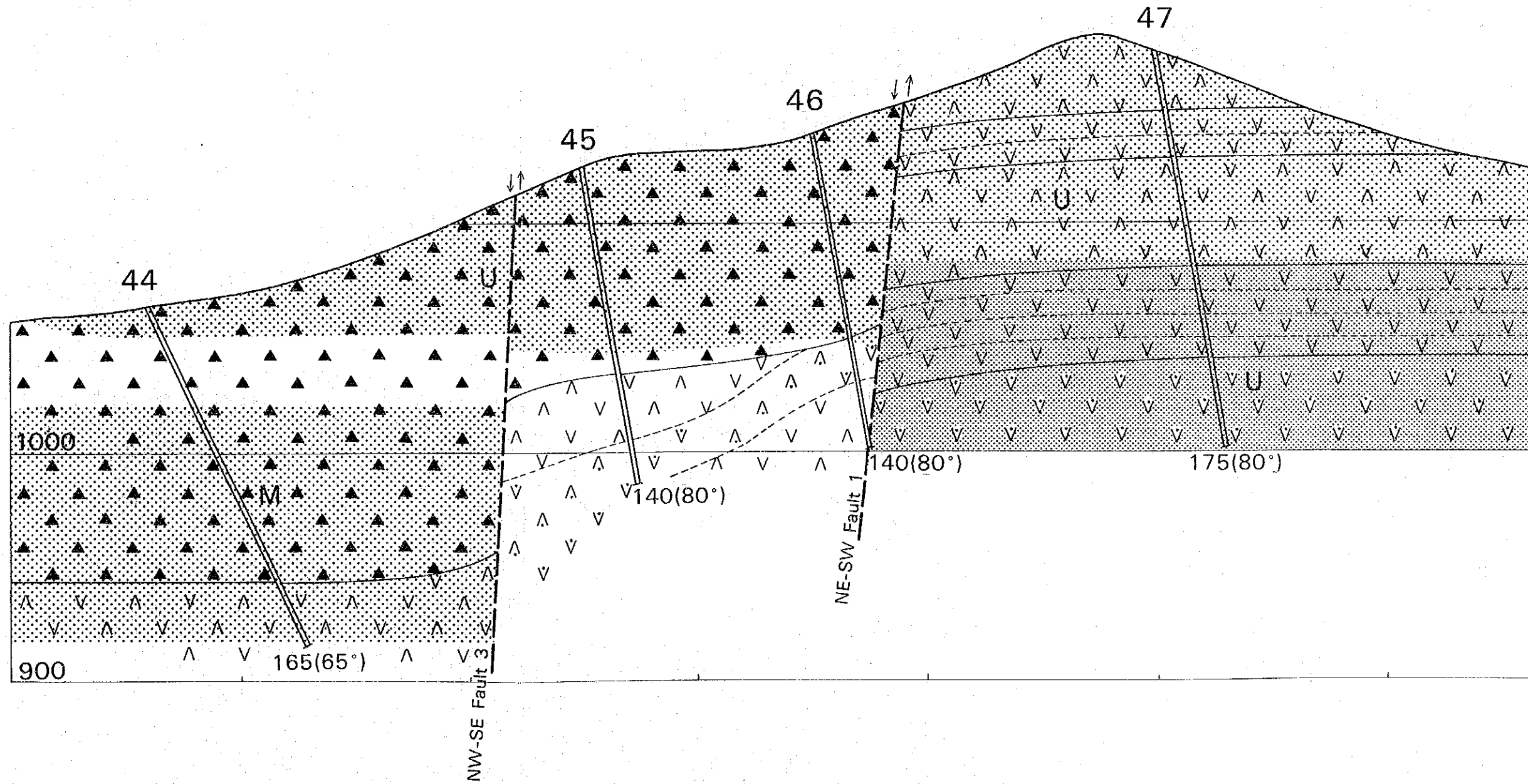
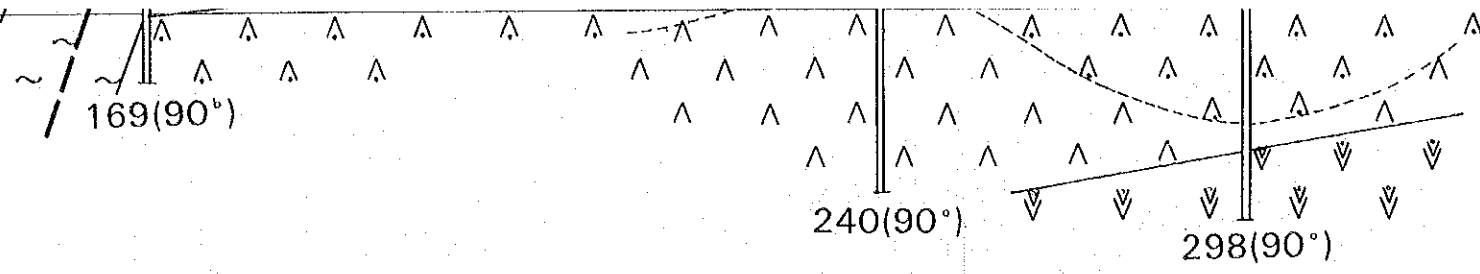
Cretaceous

LOS CERROS FLORIDAS FORMATION

- | | | | |
|------------|------------|---|--|
| Upper Unit | Andesite 4 |  Plagioclase phenocryst-rich andesite lava | |
| | |  Aphyric andesite lava | |
| | | Intercalated beds | |
| | |  Mudstone, Sandstone and Tuff | |
| | Andesite 3 |  Brecciated andesite (Volcanic and Tuff Breccia) | |
| | |  Lapilli Tuff, Tuff Breccia and Andesite lava | |
| | |  Plagioclase phenocryst-rich andesite lava | |
| | |  Aphyric andesite lava | |
| Lower Unit | Andesite 2 |  Plagioclase phenocryst-rich andesite lava | |
| | |  Aphyric andesite lava | |
| | Andesite 1 |  Plagioclase phenocryst-rich andesite lava | |
| | |  Aphyric andesite lava | |

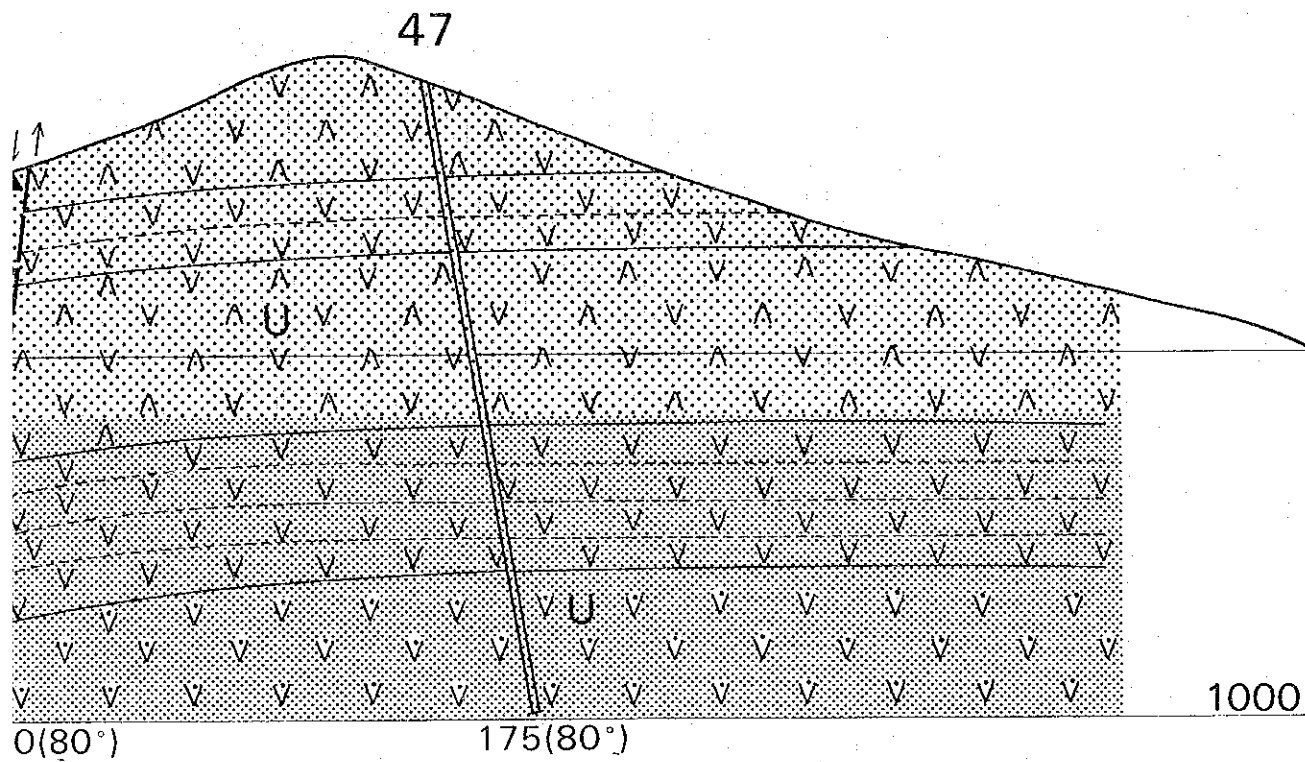
-  Fault
-  Lava flow unit
-  Oxide Ore
-  150(80°) Depth and Dip

800



800

EW-6



1000

0(80°)

175(80°)

900

Cretace

LOS CERROS FLORI

- Lower Unit
 - Andesite 3
 - ▽ ▽ ▽ Plagioclase phenocryst-rich andesite lava
 - ▽ ▽ ▽ Aphyric andesite lava
 - Andesite 2
 - △ △ △ Plagioclase phenocryst-rich andesite lava
 - △ △ △ Aphyric andesite lava
 - Andesite 1
 - ▽ ▽ ▽ Plagioclase phenocryst-rich andesite lava
 - ▽ ▽ ▽ Aphyric andesite lava

- Fault
- Lava flow unit
- Oxide Ore
- Sulfide Ore
- U : Upper Ore body
- M : Middle Ore body
- L : Lower Ore body
- W : West Ore body
- E : East Ore body

150(80°) Depth and Dip

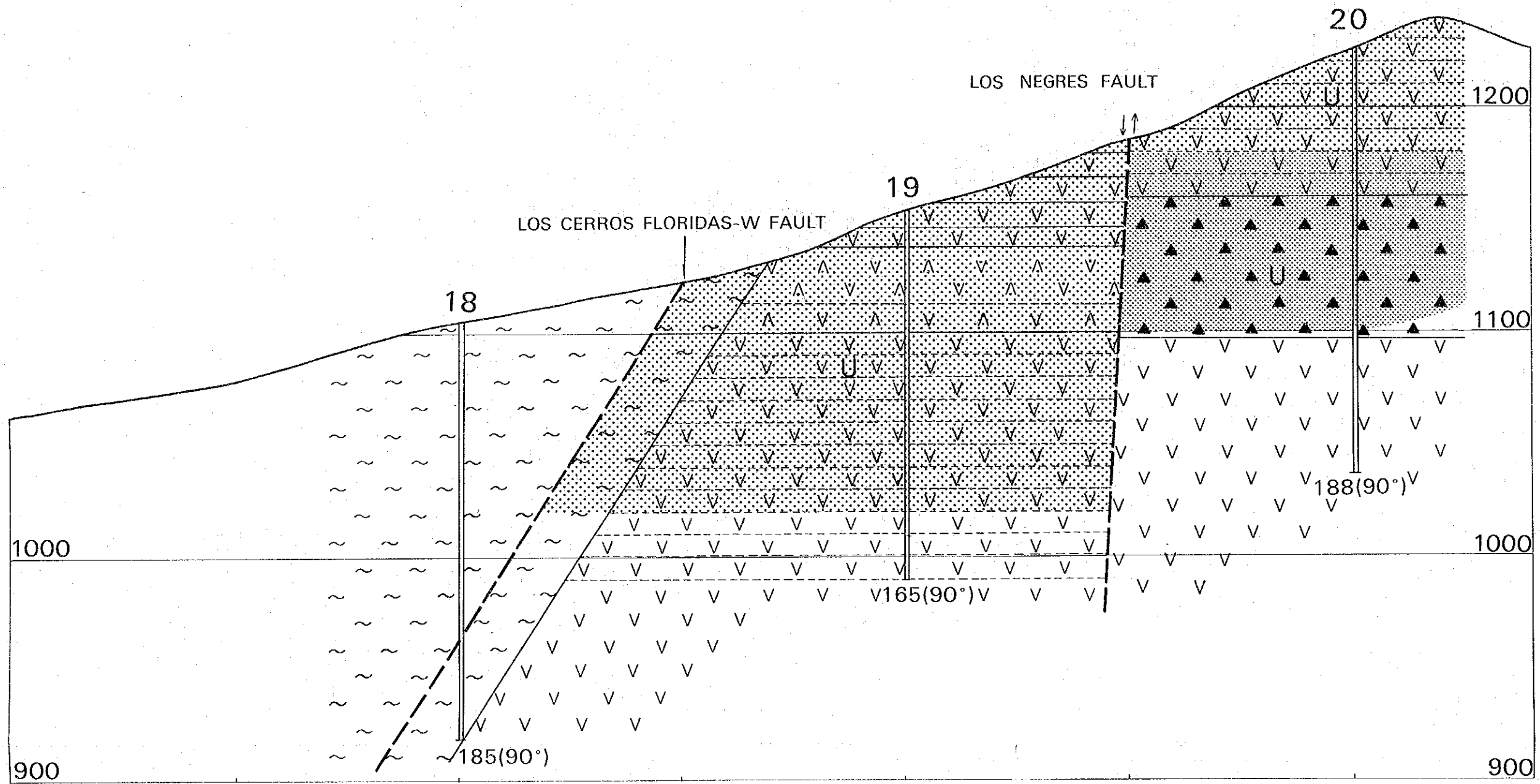
PLATE II - 3

MINERAL EXPLORATION
 IN THE CERRO NEGRO AREA
 REPUBLIC OF CHILE
 PHASE II

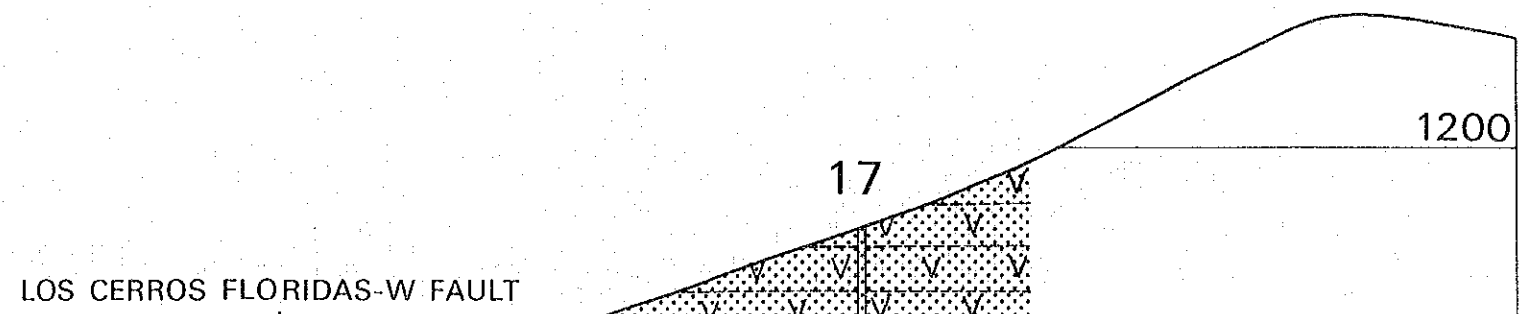
GEOLOGICAL SECTION
 (1:2,000)

JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRUARY 1994

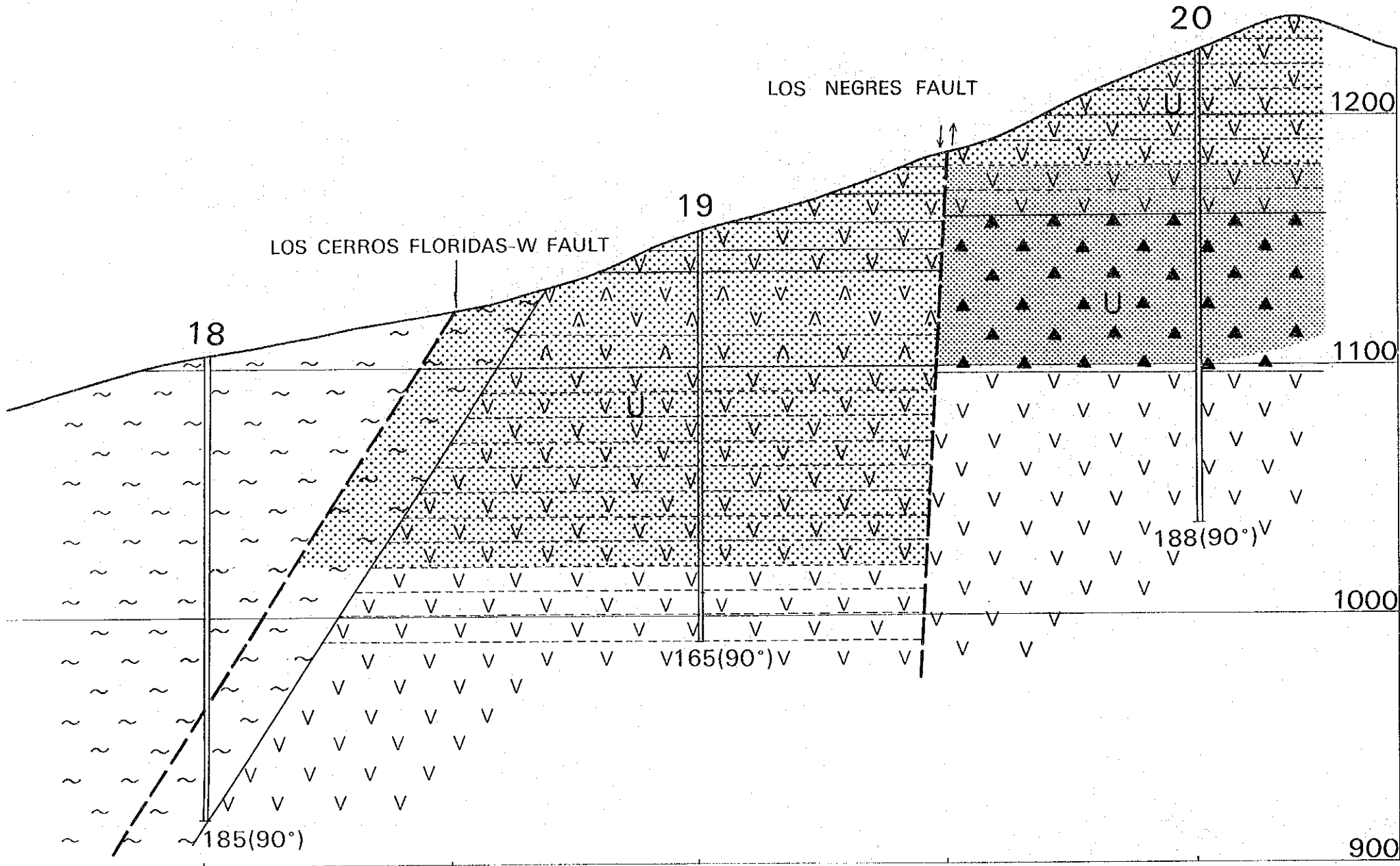
EW-10



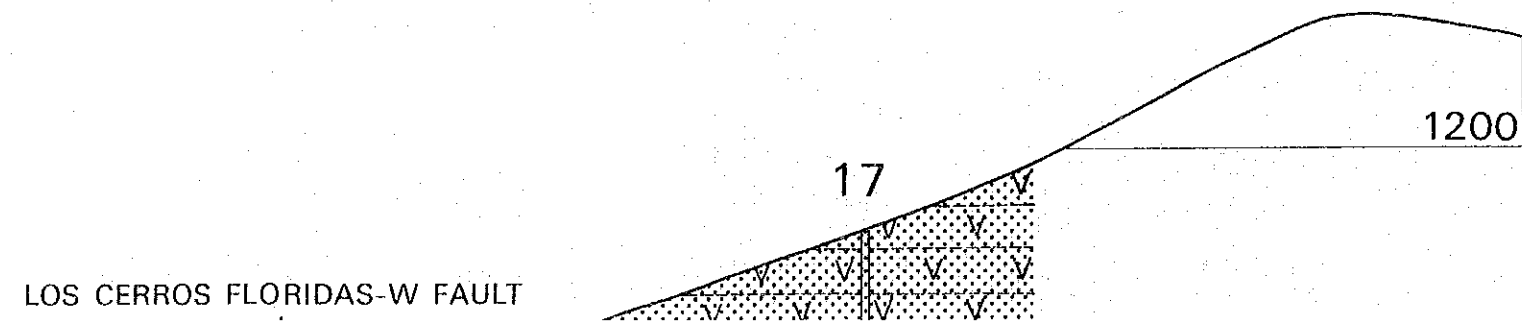
EW-9



EW-10



EW-9

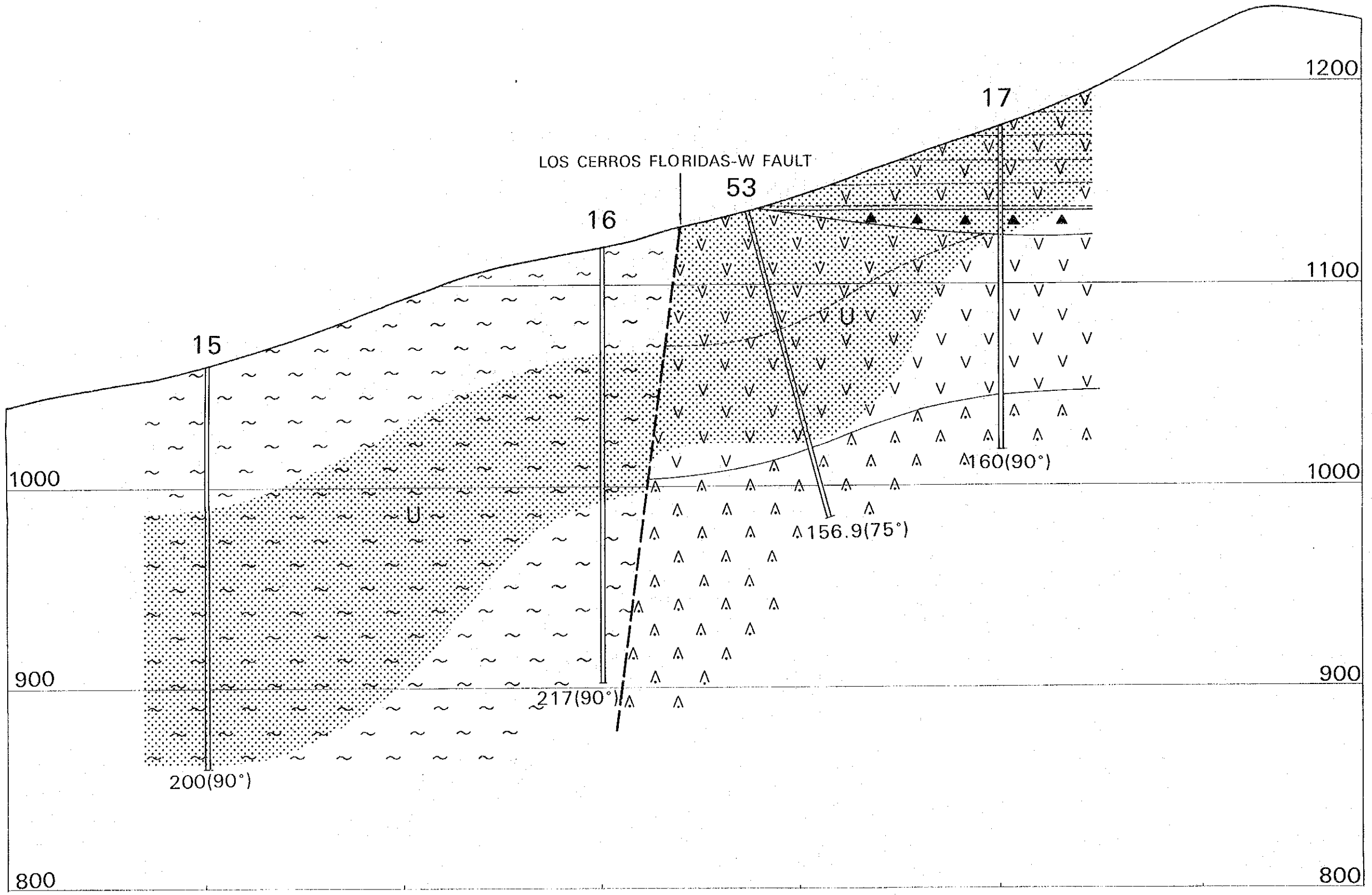


900

~ / ~ 185(90°)

900

EW-9



1000

1100

1000

900

900

800

800

LEGE

Silici
 "Hyd (Bre Hem

Plagioclas
 Aphyric a
 Intercalated beds
 Mt
 Br
 La
 Lower Unit
 Andesite 1
 Plagioclas
 Aphyric a
 Andesite 2
 Plagioclas
 Aphyric a
 Andesite 3
 Plagioclas
 Aphyric a
 Andesite 4
 Plagioclas
 Aphyric a

Cretaceous

LOS CERROS FLORIDAS FORMATION

Upper Unit

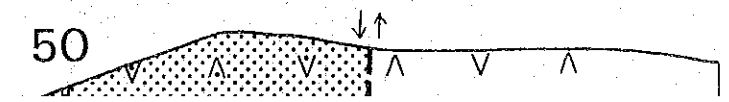
Lower Unit

--- Fault

— Lava flow unit

Oxide Ore

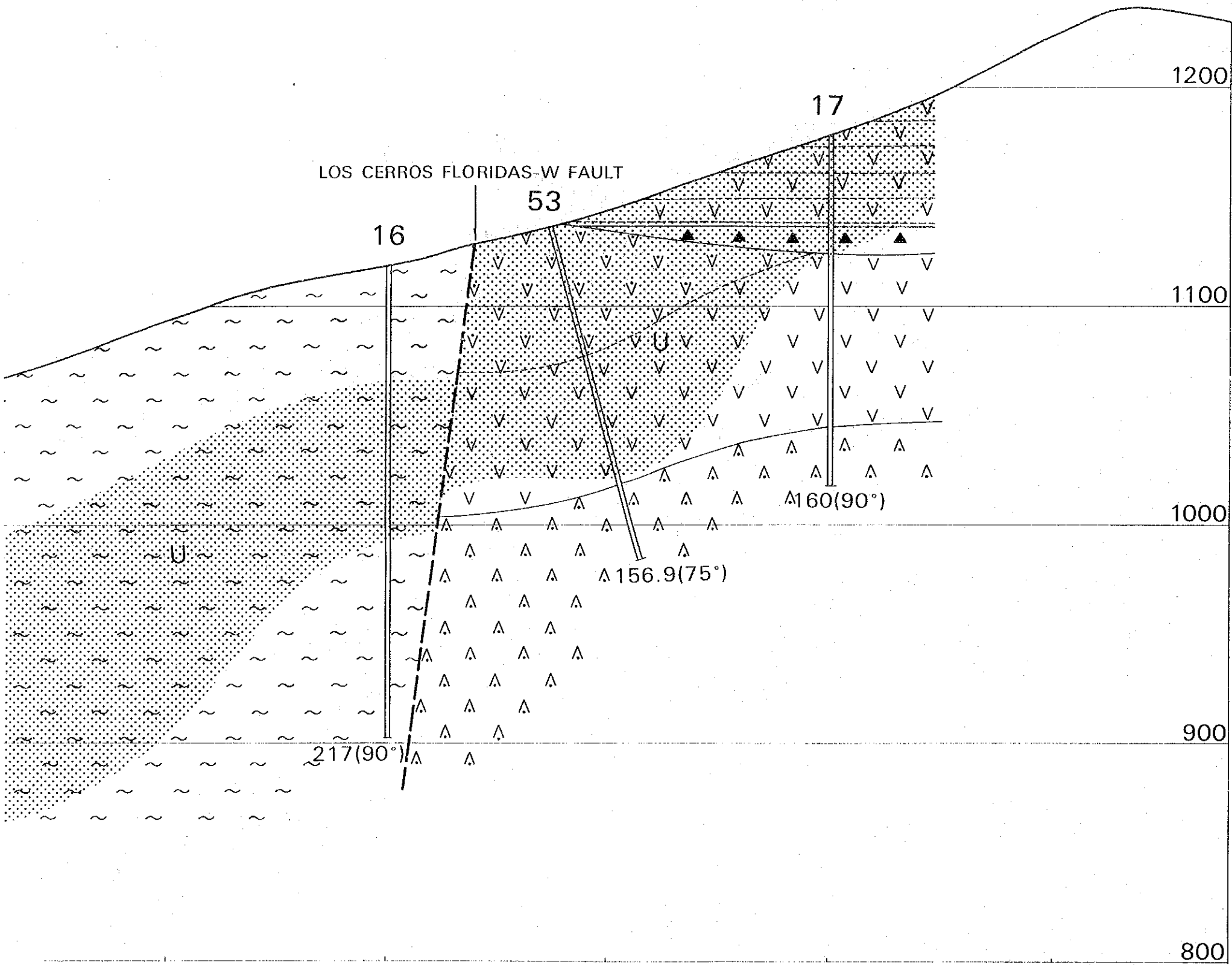
EW-8



~ / ~ 185(90°)

900

EW-9



- Silicified rock and Cataclasite
- "Hydrothermal Breccia" (Brecciated Andesite abundant in Magnetite, Hematite and Specularite Ore)

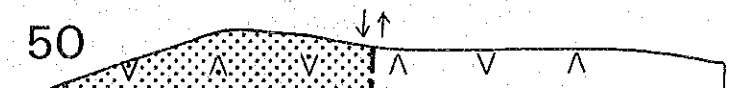
Cretaceous

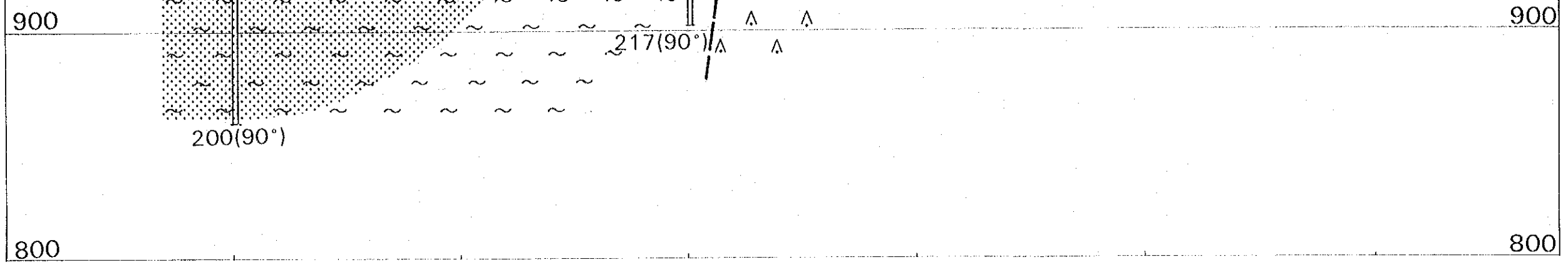
LOS CERROS FLORIDAS FORMATION

- | | | |
|------------|---|---|
| Upper Unit | Andesite 4 | Plagioclase phenocryst-rich andesite lava |
| | | Aphyric andesite lava |
| | | Intercalated beds |
| | | Mudstone, Sandstone and Tuff |
| | | Brecciated andesite (Volcanic and Tuff Breccia) |
| | | Lapilli Tuff, Tuff Breccia and Andesite lava |
| Lower Unit | Andesite 3 | Plagioclase phenocryst-rich andesite lava |
| | | Aphyric andesite lava |
| | Andesite 2 | Plagioclase phenocryst-rich andesite lava |
| | | Aphyric andesite lava |
| Andesite 1 | Plagioclase phenocryst-rich andesite lava | |
| | Aphyric andesite lava | |

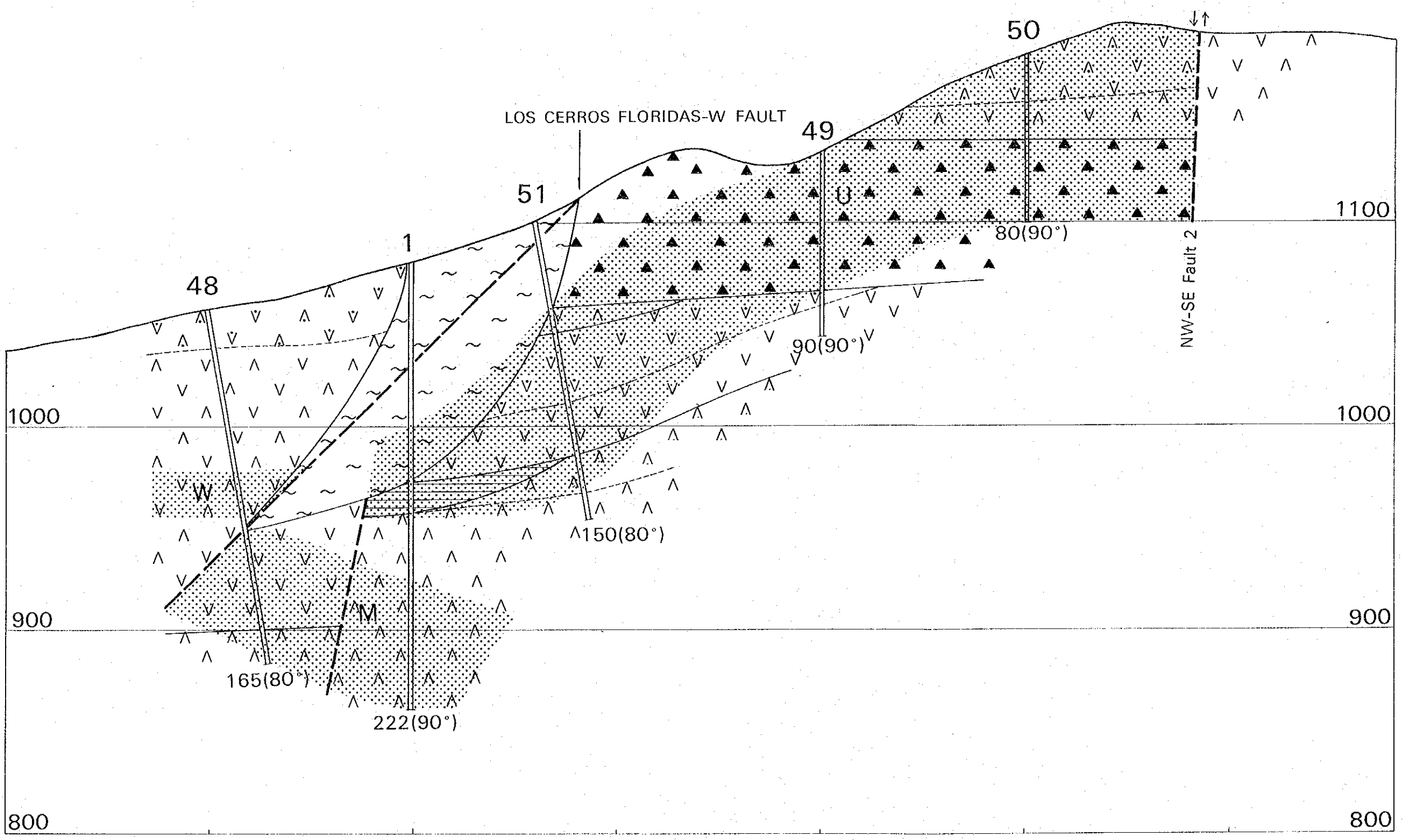
- Fault
- Lava flow unit
- Oxide Ore
- 150(80°) Depth and Dip

EW-8





EW-8



Cretaceo

LOS CERROS FLORIDAS

| | | | |
|------------|------------|-----|-------------|
| Lower Unit | Andesite 3 | ▽▽▽ | Plagioclase |
| | Andesite 2 | ▽▽▽ | Aphyric |
| | Andesite 1 | △△△ | Plagioclase |
| | | △△△ | Aphyric |
| | Andesite 1 | ▽▽▽ | Plagioclase |
| | | ▽▽▽ | Aphyric |

- - - Fault
 ——— Lava flow unit

○ (dotted) Oxide Ore
 ○ (stippled) Sulfide Ore

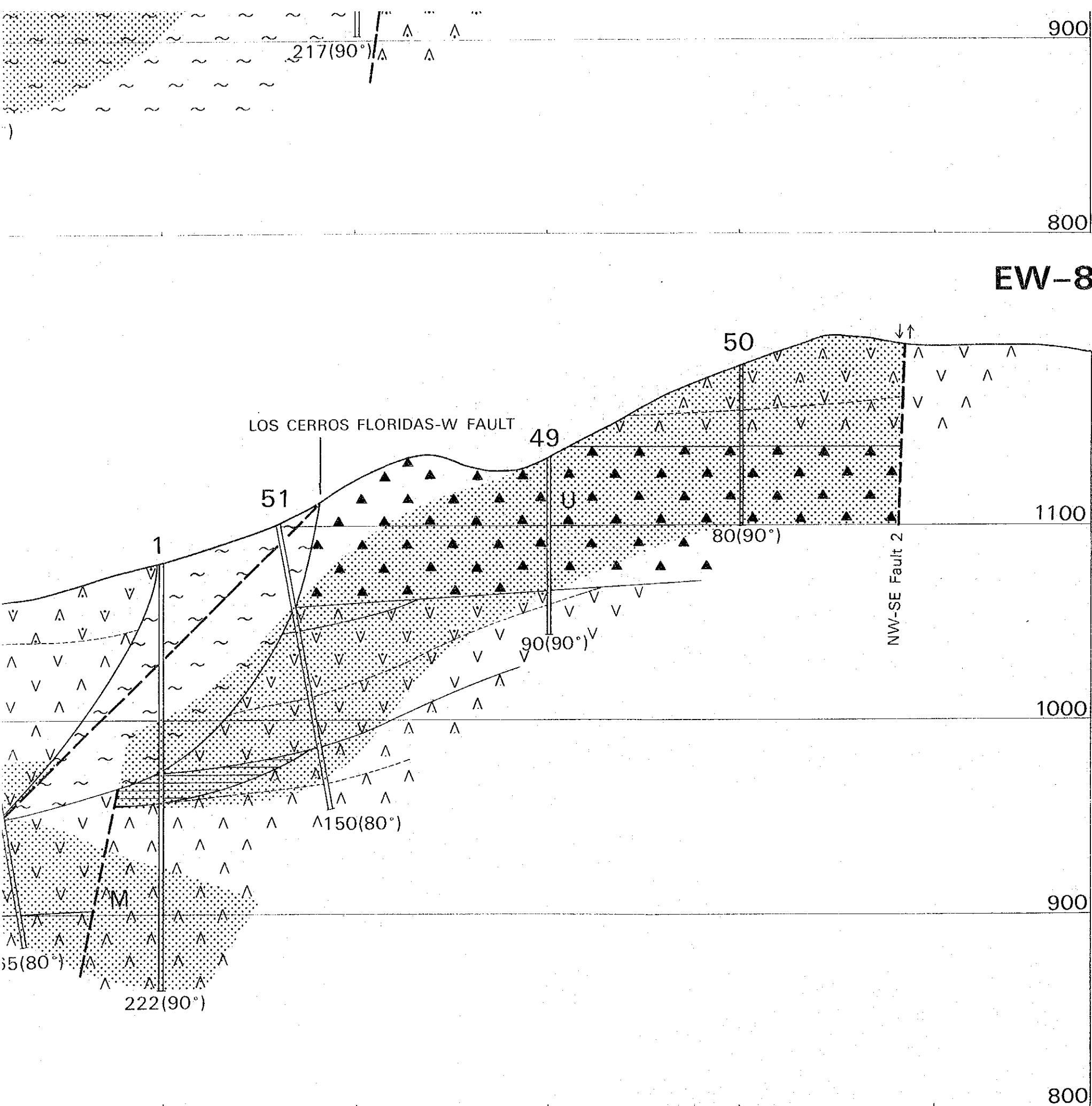
U : Upper Ore body
 M : Middle Ore body
 L : Lower Ore body
 W : West Ore body
 E : East Ore body

PL

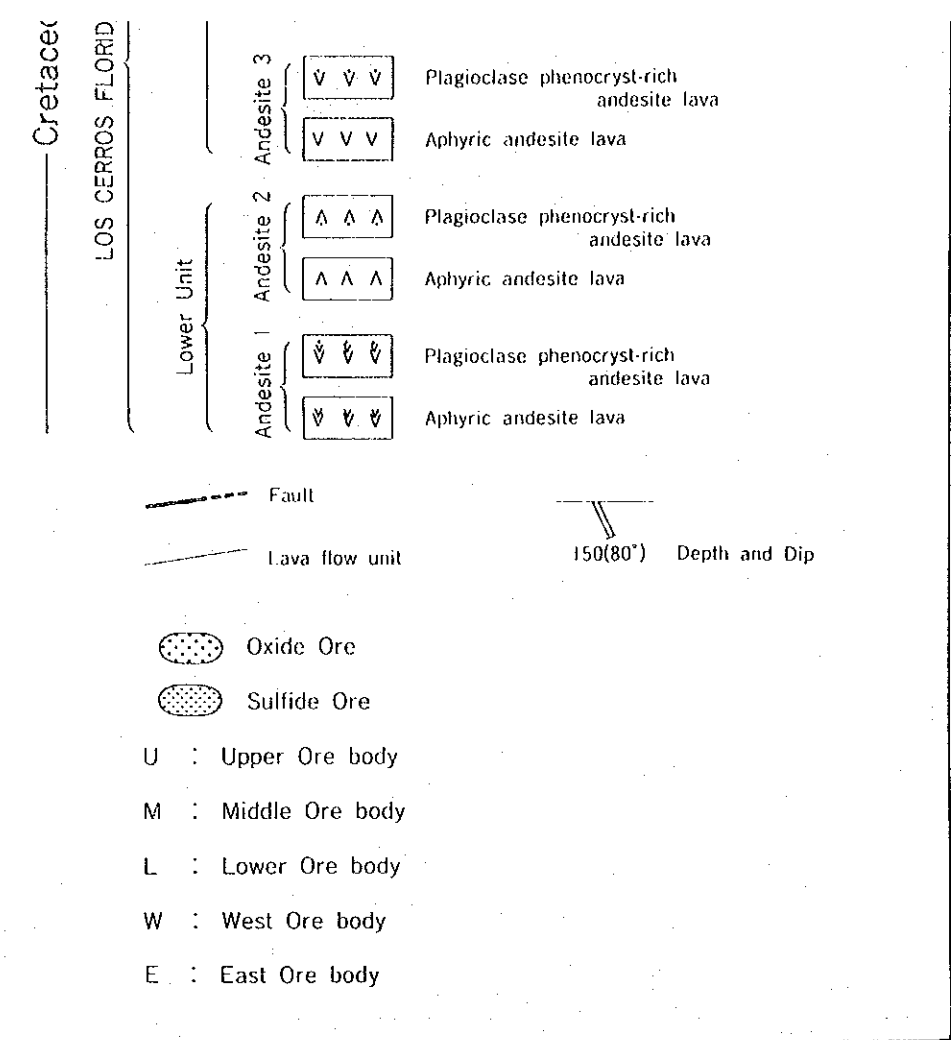
MINERAL EXP
IN THE CERRO M
REPUBLIC C
PHASE

GEOLOGICAL
(1:2,000)

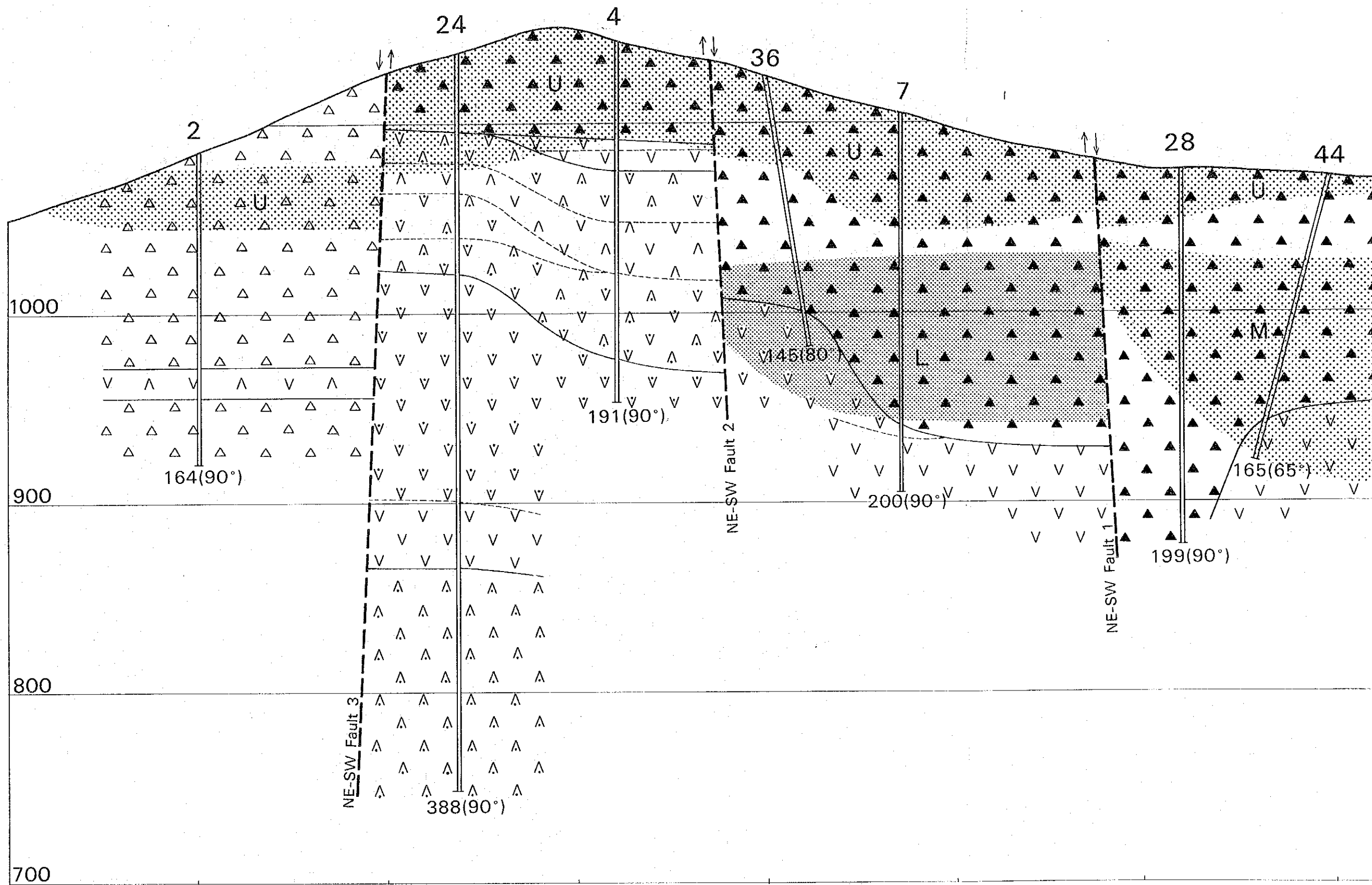
JAPAN INTERNATIONAL CO
METAL MINING AGEI
FEBRUARY



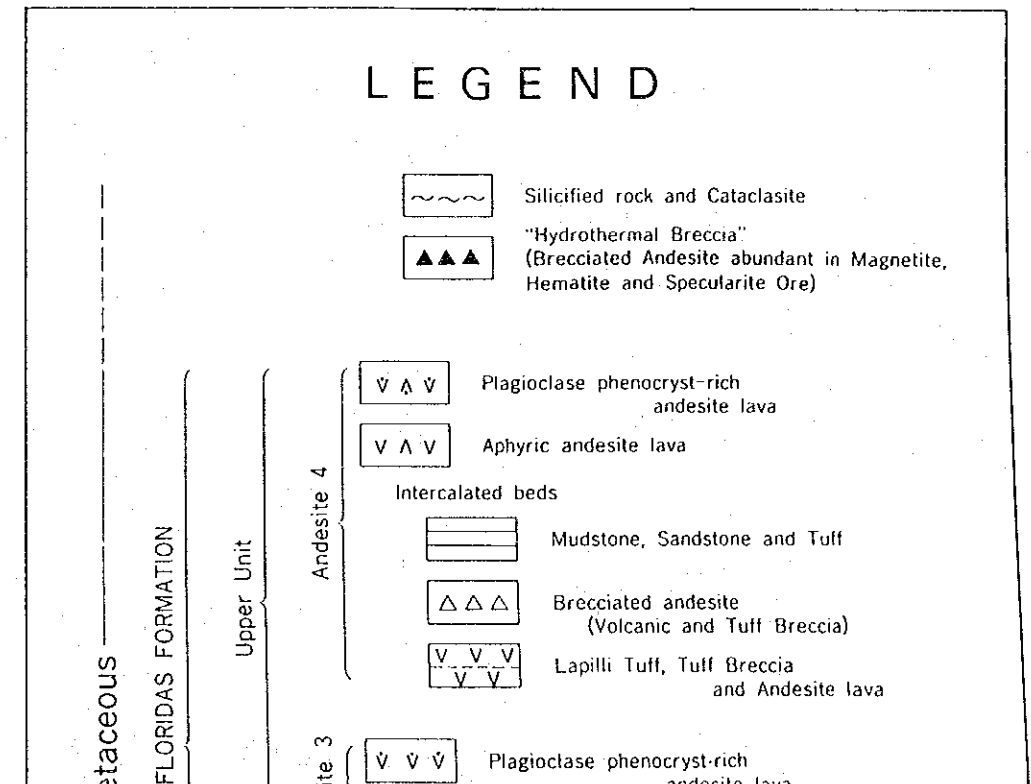
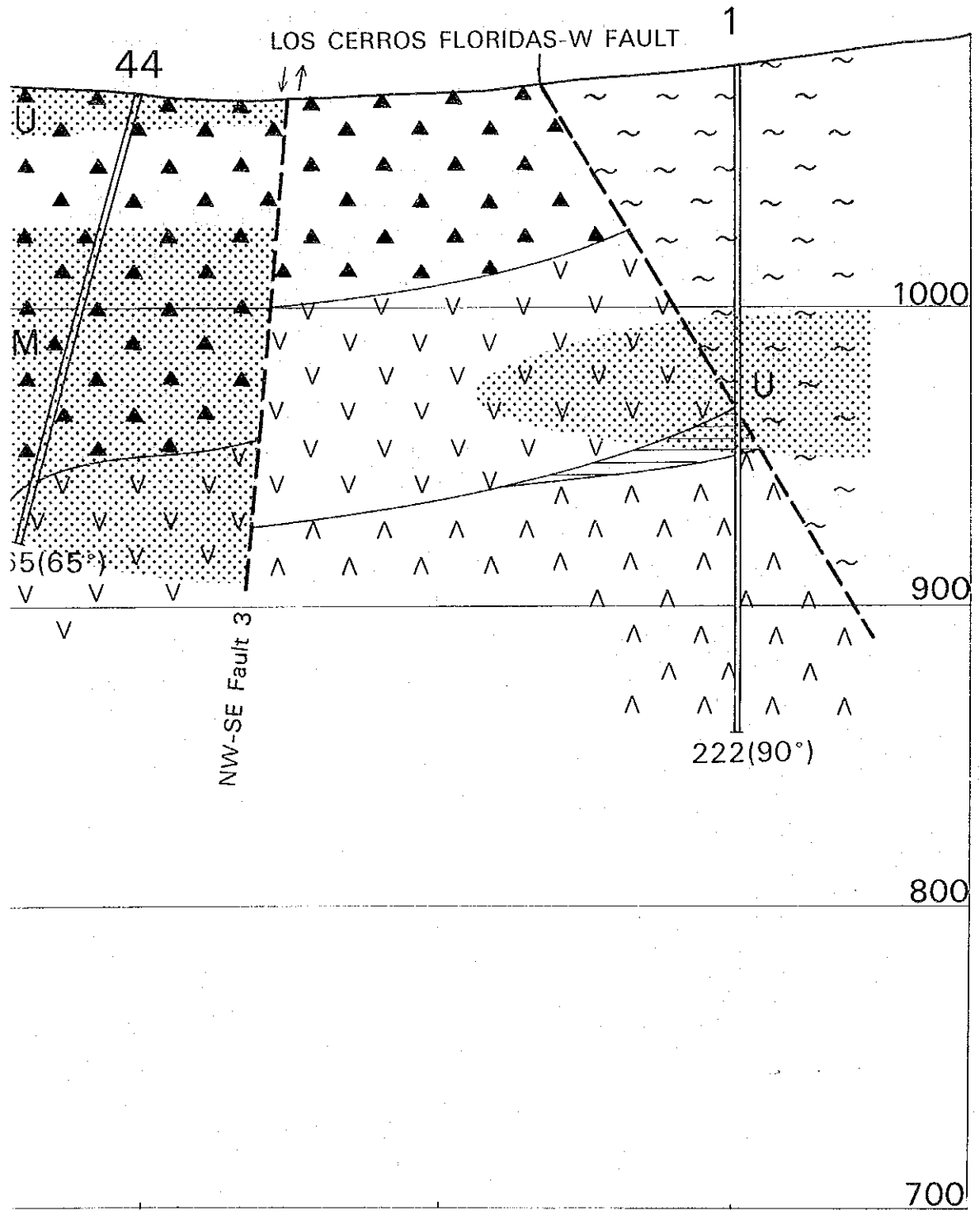
EW-8

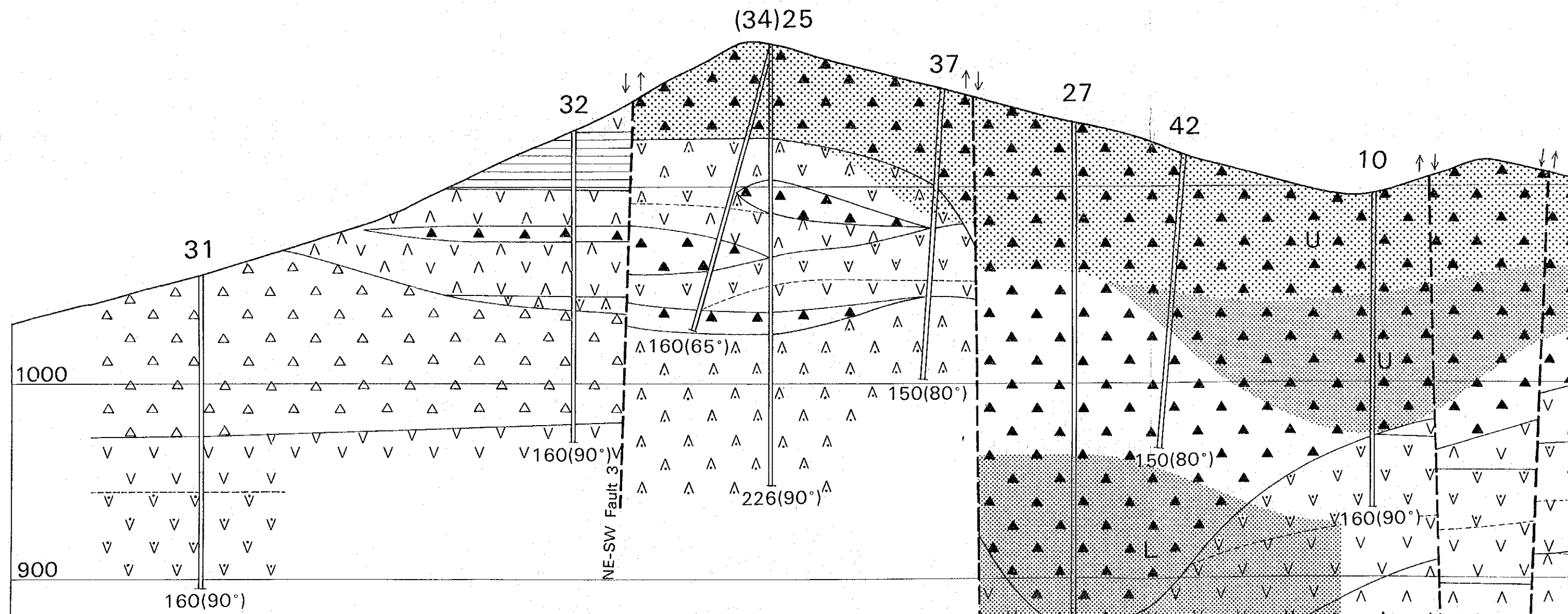
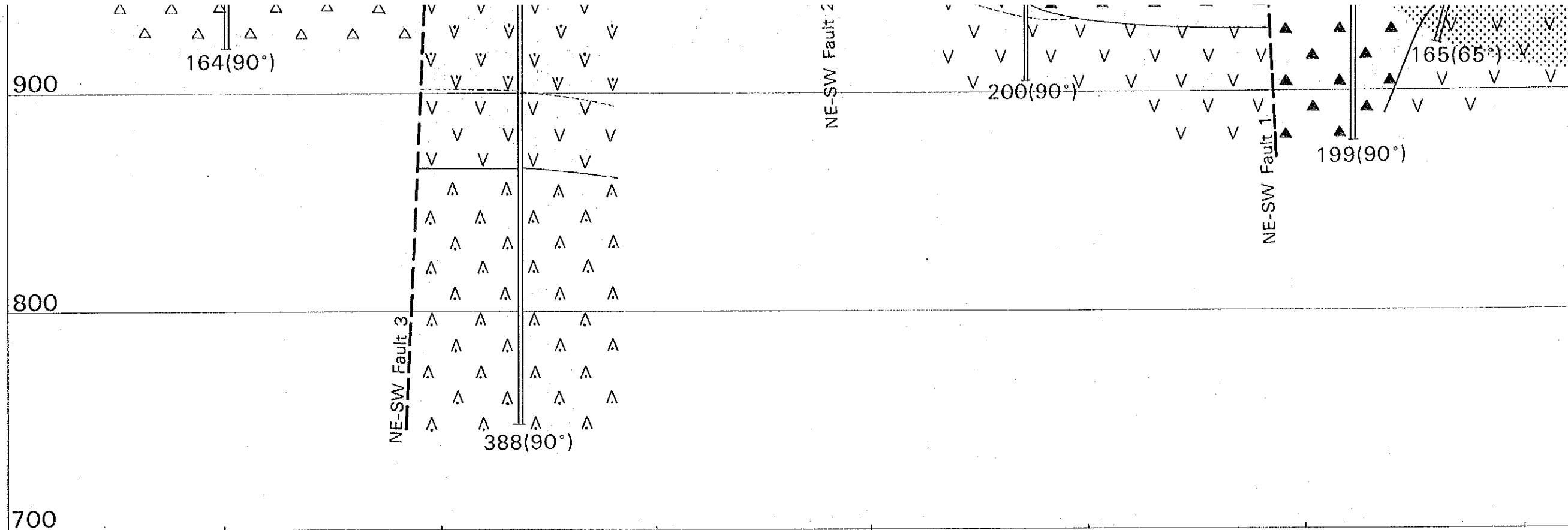


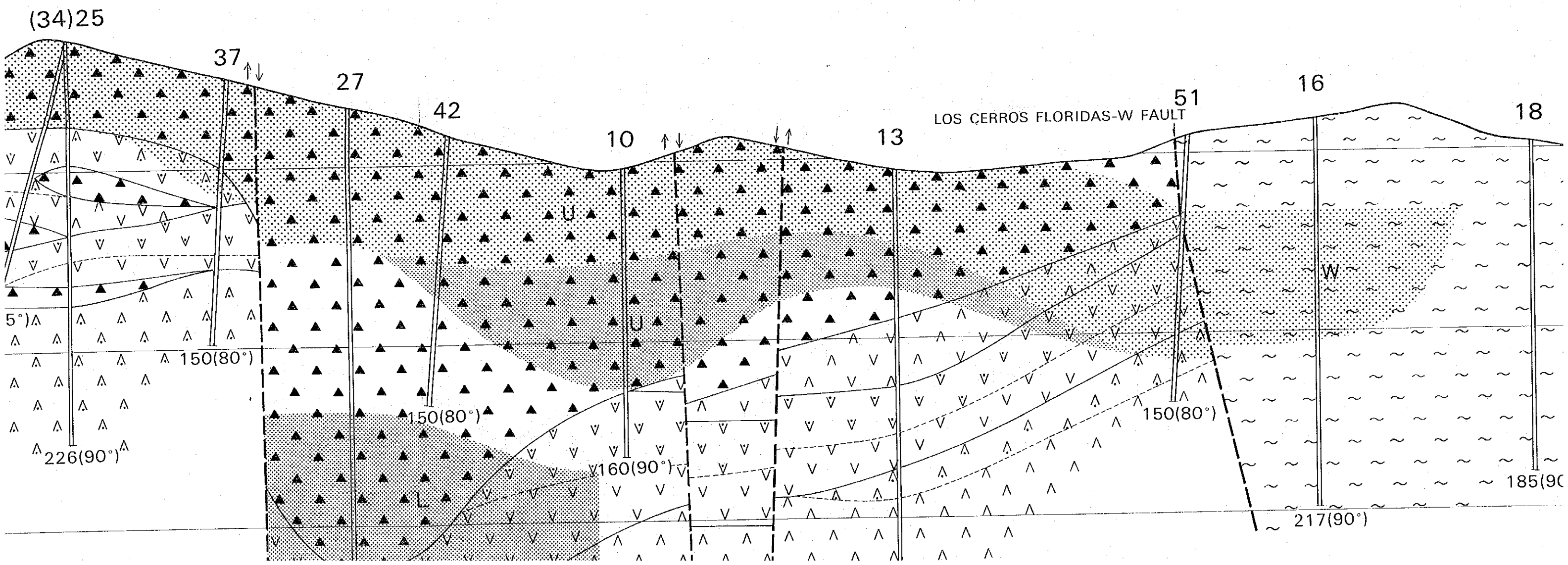
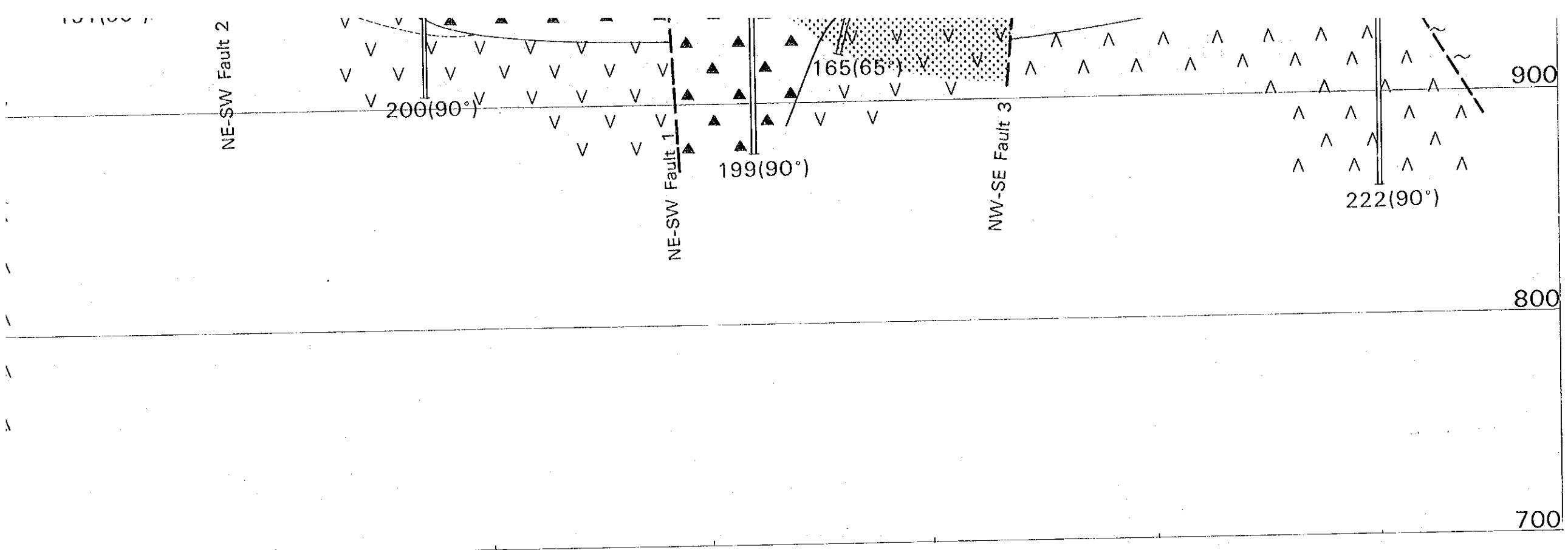
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|---|--|
| PLATE II - 4 | |
| MINERAL EXPLORATION IN THE CERRO NEGRO AREA REPUBLIC OF CHILE PHASE II | |
| GEOLOGICAL SECTION (1:2,000) | |
| JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN FEBRUARY 1994 | |

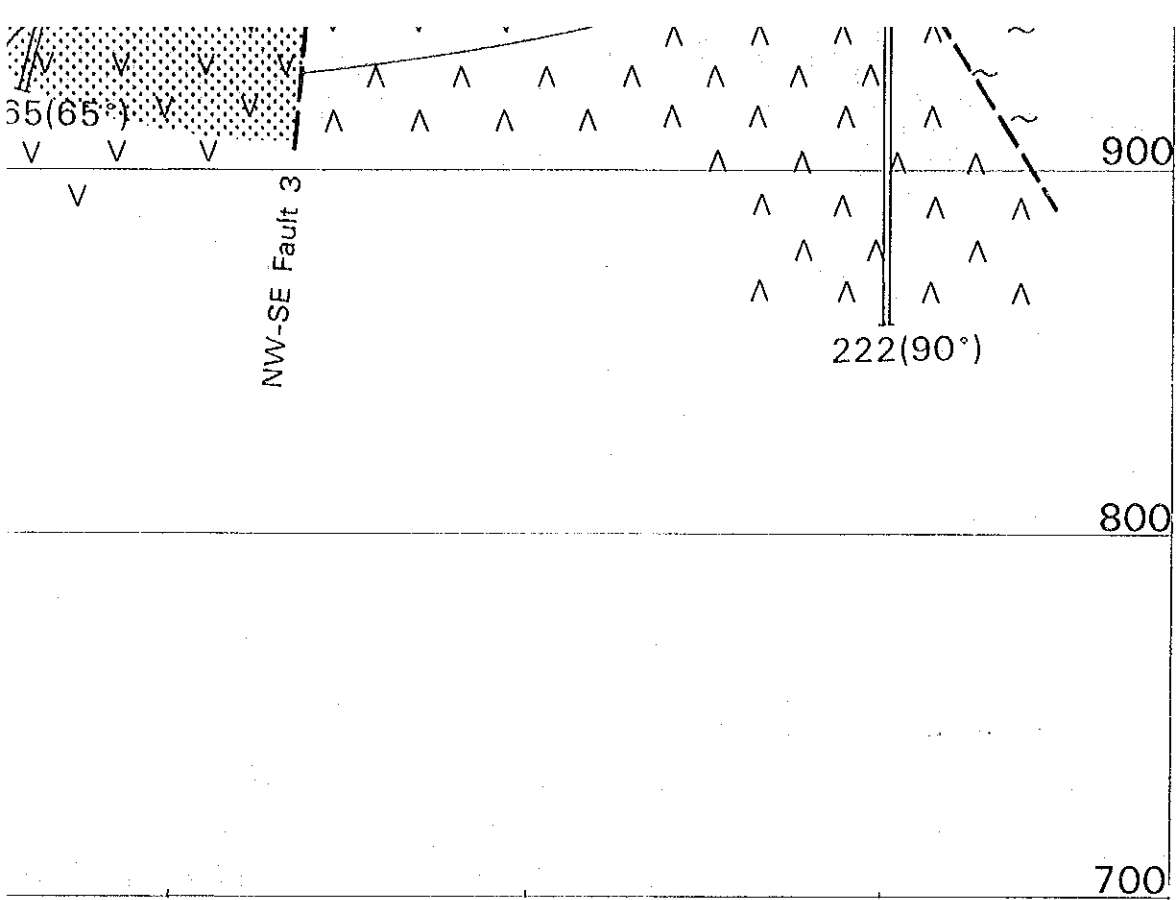


NS-1

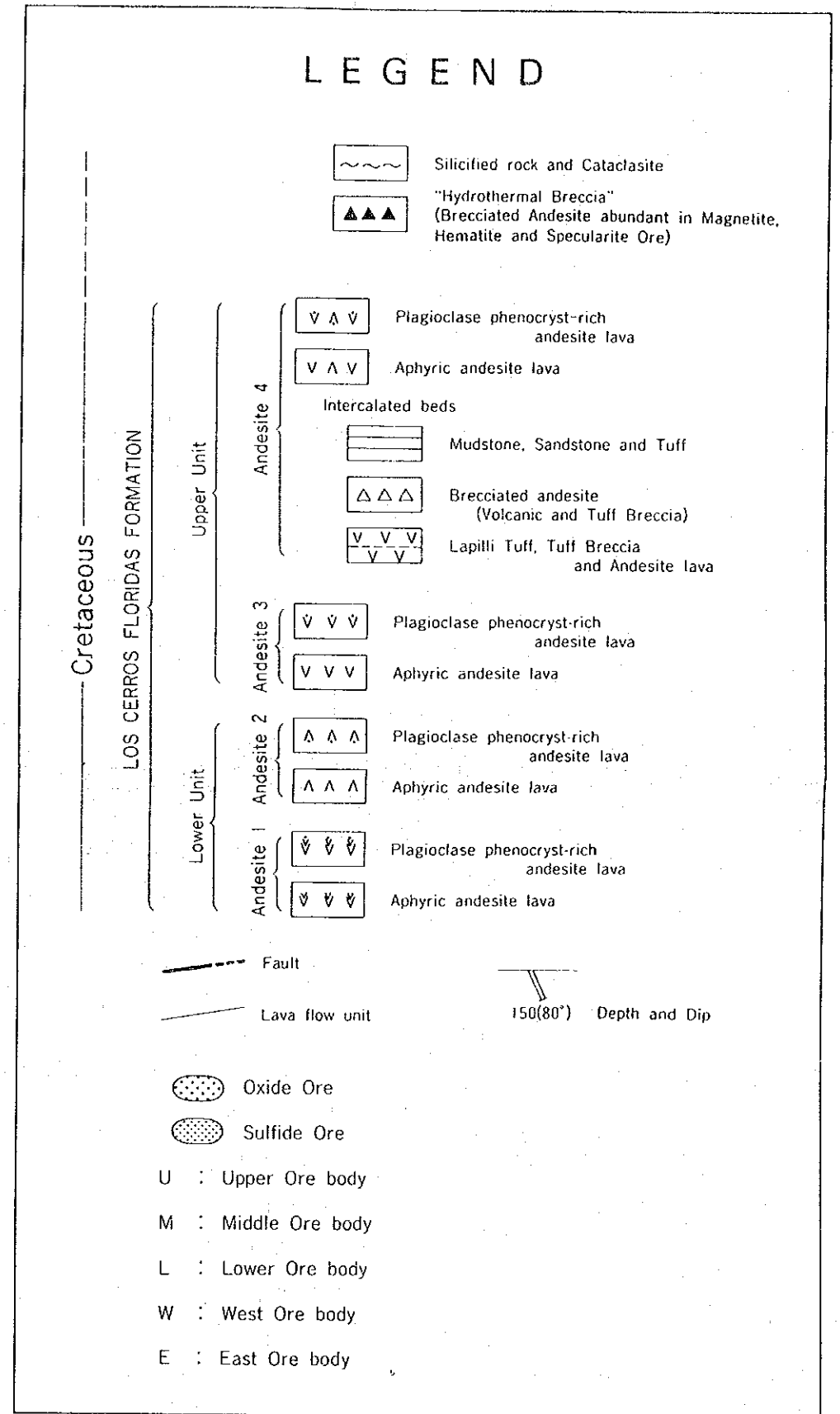
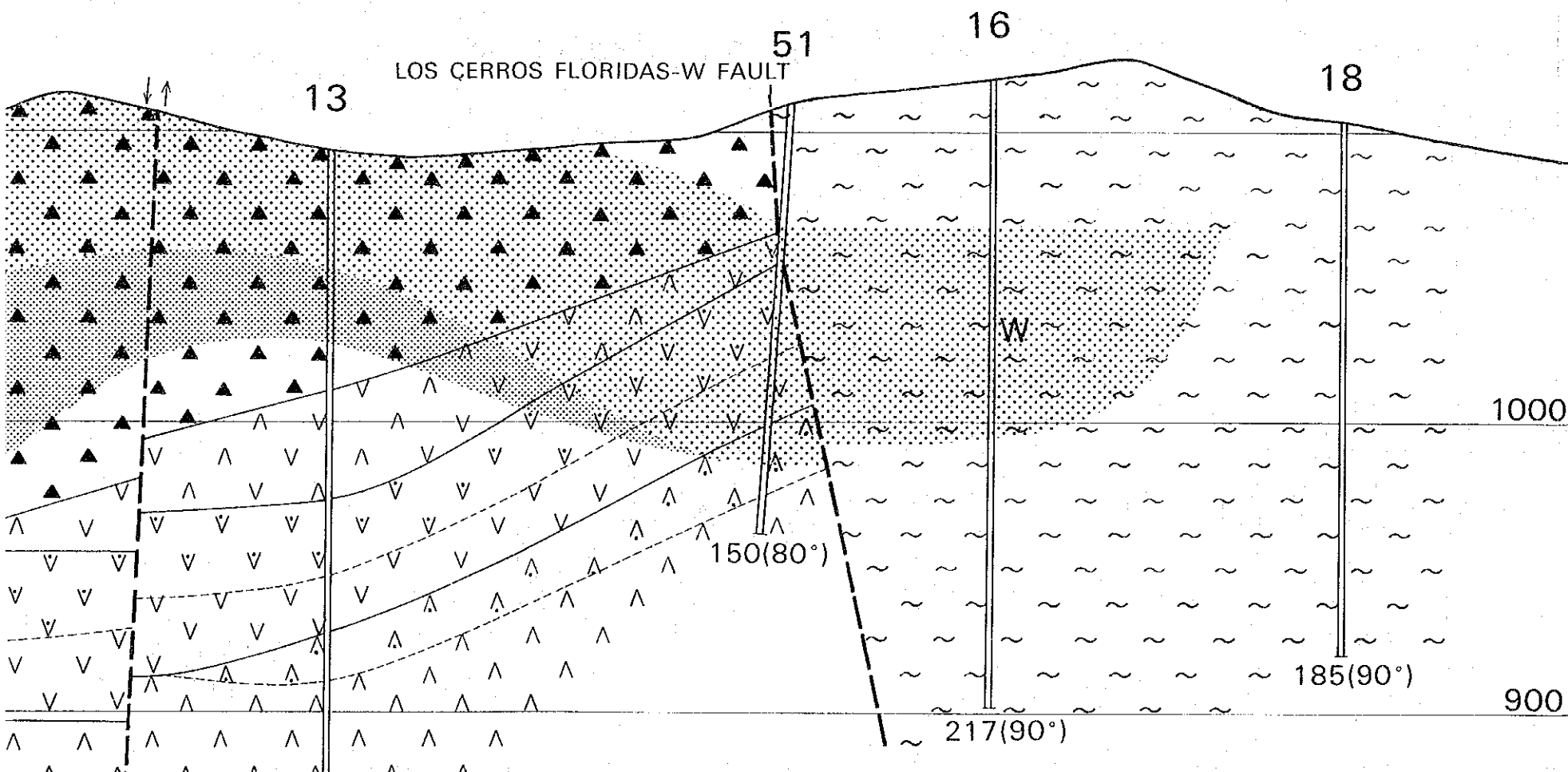


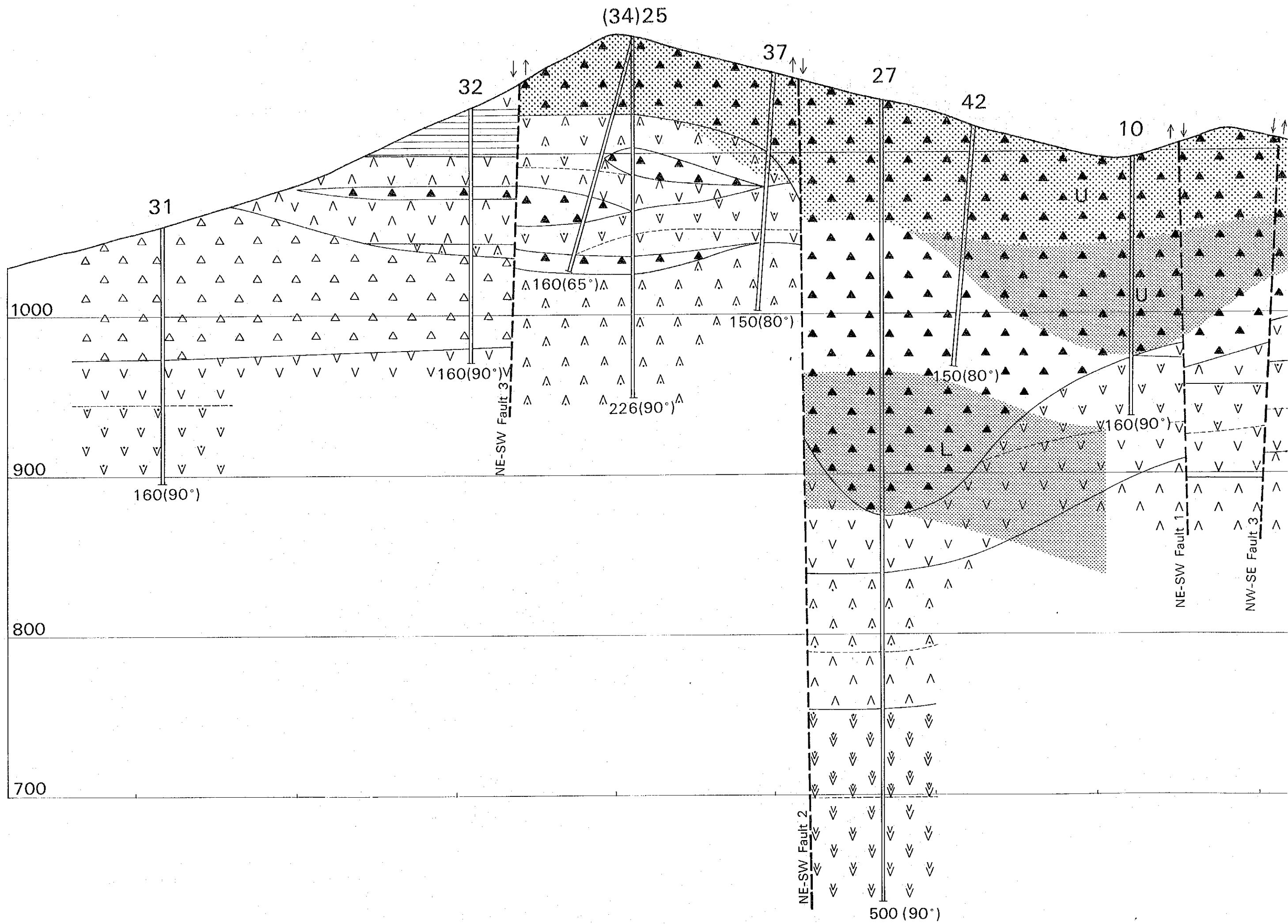




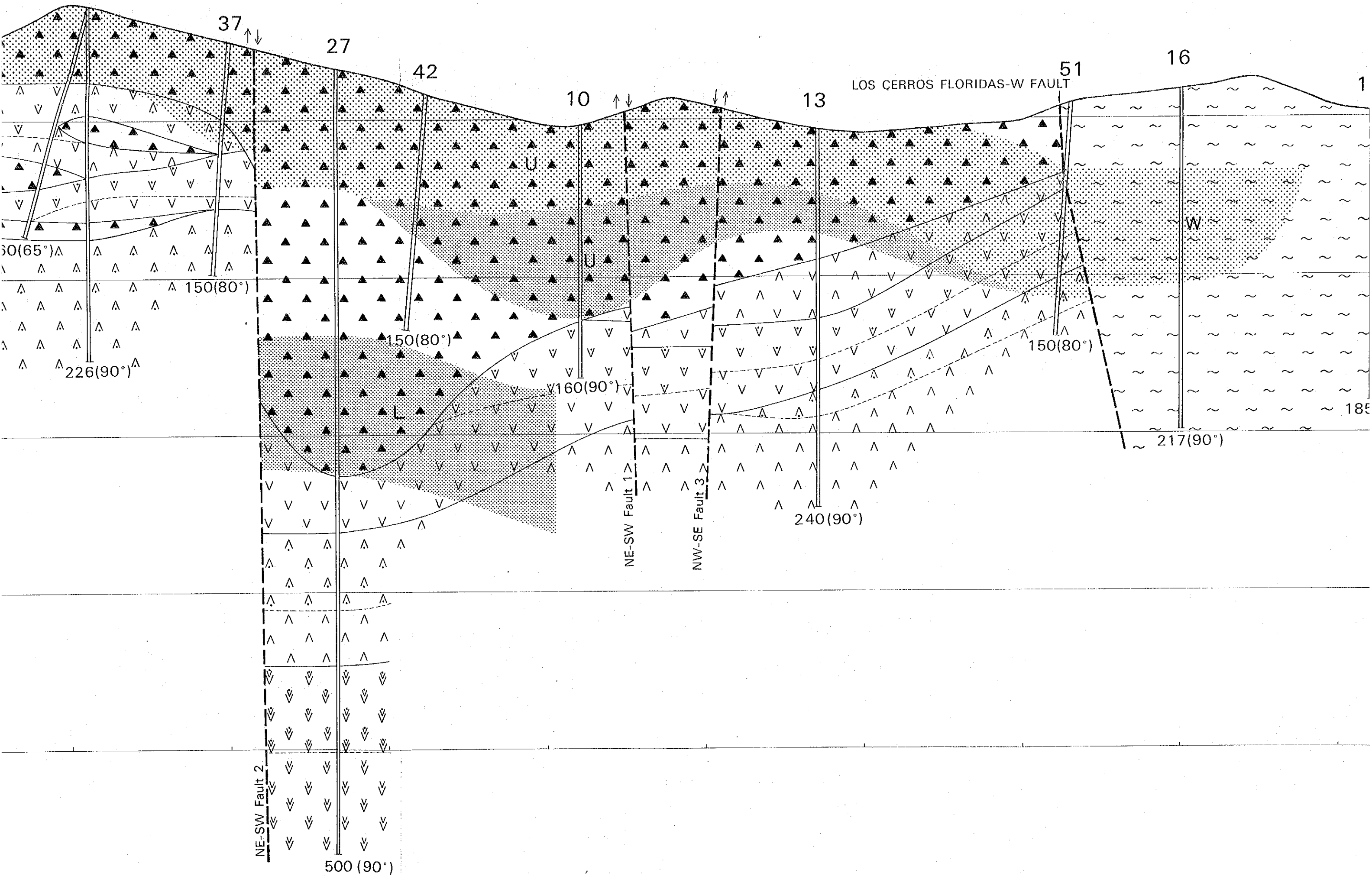


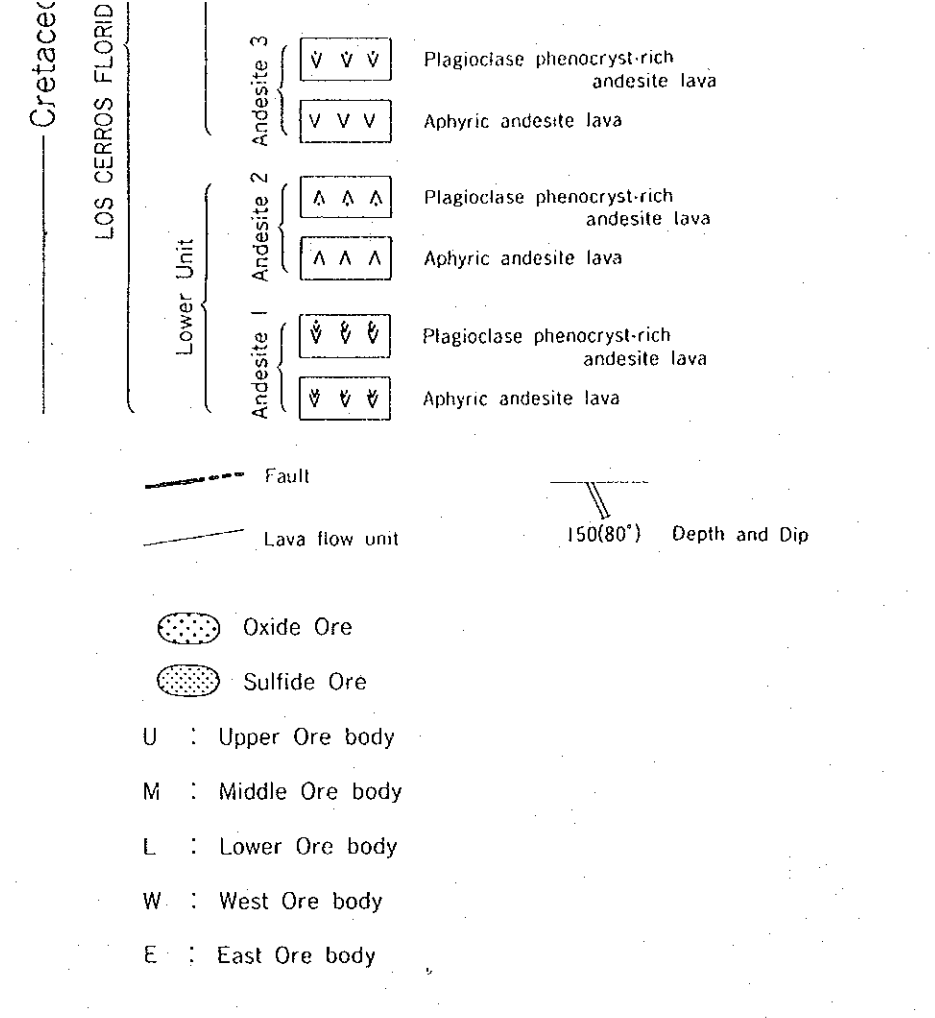
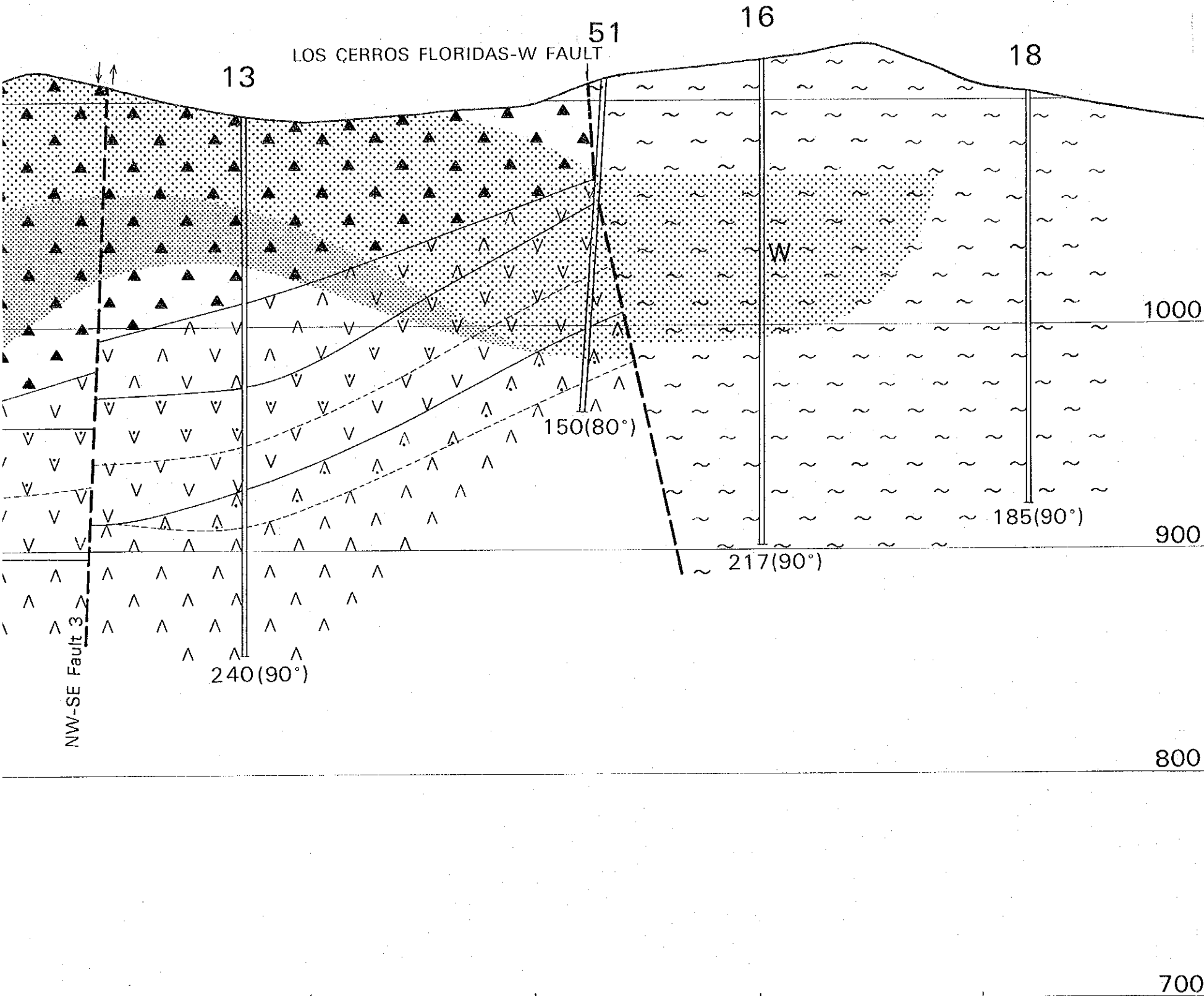
NS-2





(34)25





| | |
|---|--|
| PLATE II - 5 | |
| MINERAL EXPLORATION IN THE CERRO NEGRO AREA REPUBLIC OF CHILE PHASE II | |
| GEOLOGICAL SECTION (1:2,000) | |
| JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN FEBRUARY 1994 | |

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