UNION OF BURMA

REPORT ON GEOLOGICAL SURVEY OF THE MONYWA AREA

PHASE II

(VOL. II)

GEOPHYSICAL MAPS

METAL MINING AGENCY
JAPAN INTERNATIONAL
COOPERATION AGENCY
GOVERNMENT OF JAPAN

List of Plates

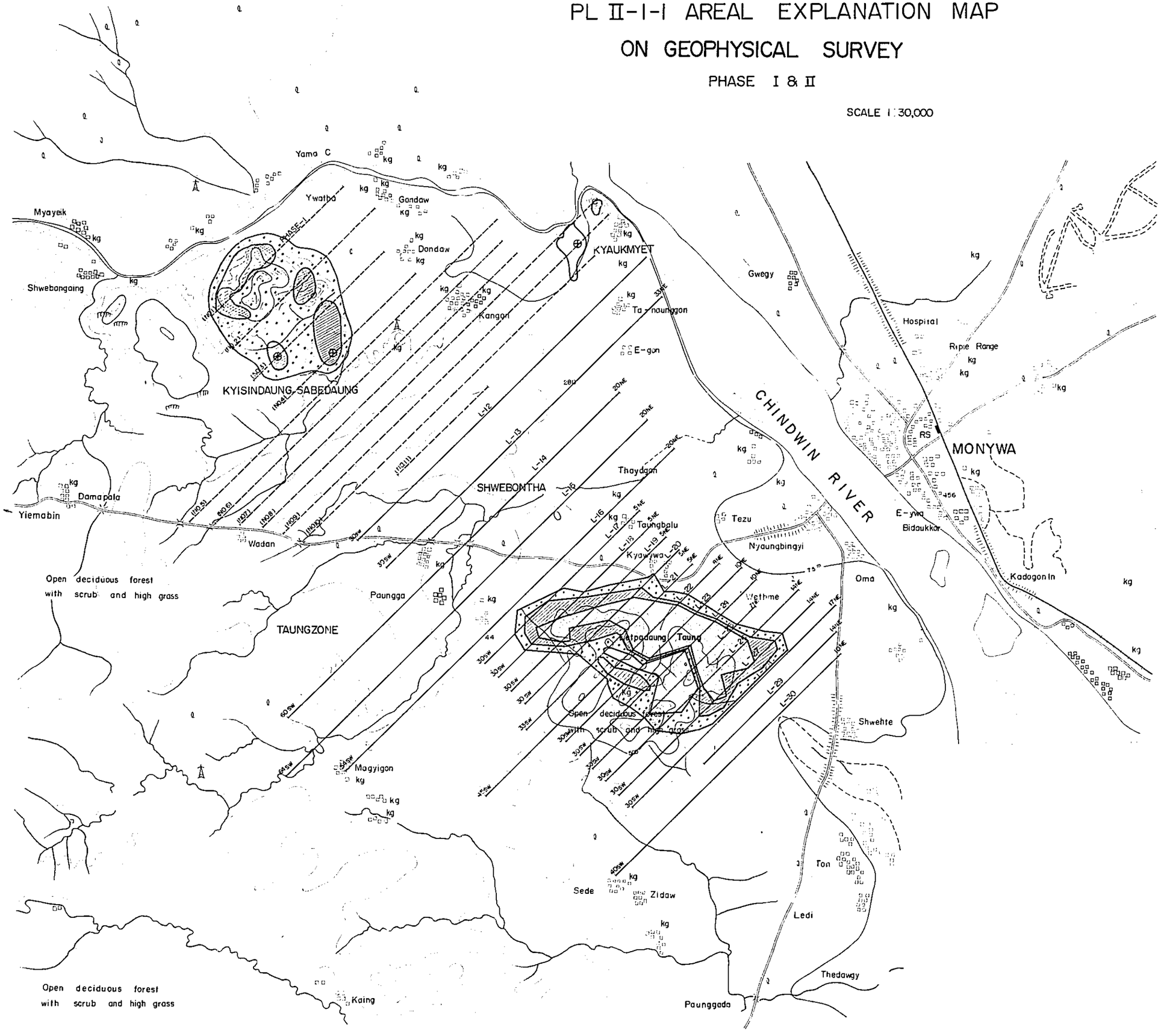
		Scale
PL-II-1-1	Areal Explanation Map on Geophysical Survey phase I & II	1:30,000
PL-II-1-2	Geophysical Explanation Map of Letpadaung Sector	1:10,000
PL-II-2-1	Panel Diagram of AR Line No. 12 - No. 16	1:10,000
2-2	" " " 17 - " 22	"
2-3	" " " 23 - " 27	"
2-4	" " " 28 - " 30	"
2-5	" FE " 12 - " 16	"
2-6	" " " 17 - " 22	"
2-7	" " " 23 - " 27	"
2-8	" " " 28 - " 30	"
2-9	" MF " 12 - " 16	"
2-10	" " " 17 - " 22	"
2-11	" " " 23 - " 27	"
2-12	" " " 28 - " 30	"
PL-II-3-1	IP Simulation Result Line No. 17, No. 18	
3-2	" " 22, " 23	
3-3	" " 26, " 27	
PL-II-4-1	IP Models by Simulation in Contrast with Field FE Data	1:10,000
4-2	Letpadaung IP Response Body in Profile Inferred from Simulation	
PL-II-5-1	Plan of AR 0 m sea level	1:10,000
5-2	" -100 m "	"
5-3	" -200 m "	"
5-4	Plan of FE 0 m "	"
5-5	" -100 m "	"
5-6	" -200 m "	"
5-7	Plan of MF 0 m "	"
5-8	" -100 m "	"
5-9	" -200 m "	"
PL-II-6-1	IP Profile on Line No. 12	1:5,000
6-2	" " 13	"
6-3	" " 14	"
6-4	" " 15	"
6-5	" " 16	"
6-6	" " 17	"
6-7	" " 18	"
6-8	" " 19	"
6-9	" " 20	"
6-10	" " 21	"
6-11	" " 22	"

6-11 (A)	IP Profile on Line No. 22	1:5,000
6-12	" 23	"
6-13	" 24	"
6-14	" 25	"
6-14 (A)	" 25	"
6-15	" 26	"
6-16	" 27	"
6-17	" 28	"
6-18	" 29	"
6-19	" 30	"

PL-II-7-(1)	Correlation of FE Anomalies with Pyrite Contents in Drilled Holes	:2,000
7-(2)	Relation Diagrams between Hole depth and Assay Results	1:1,000
PL-II-8	Comparison of FE Higher Anomaly with SP Anomaly	1:10,000
PL-II-9-1	Alteration Map at Letpadaung along IP Survey Lines (Silicification & Argillization)	
PL-II-9-2	Alteration at Letpadaung along IP Survey Lines (Alunitization)	
PL-II-10	Inferred Copper Contents in Letpadaung Drill Holes	

PL II-1-1 AREAL EXPLANATION MAP
ON GEOPHYSICAL SURVEY
PHASE I & II

SCALE 1:30,000



LEGEND

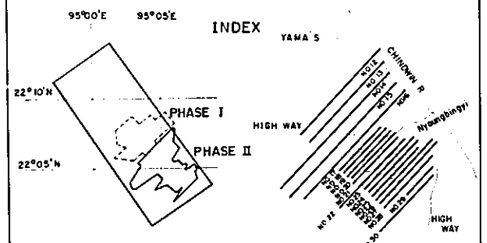
- VERY STRONG ANOMALY
- STRONG ANOMALY
- WEAK ANOMALY
- SURVEY LINE (PHASE I)
- (PHASE II)
- ⊕ SCOUT BORING FOR IP ANOMALY

PL II-1-1

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

AREAL EXPLANATION MAP ON GEOPHYSICAL SURVEY PHASE I & II

Scale 1:30,000



METAL MINING AGENCY
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GOVERNMENT OF JAPAN

SEPTEMBER 1974

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PL.II-1-2 GEOPHYSICAL EXPLANATION MAP OF LETPADAUNG

SCALE 1: 10,000

0 500 1,000m

Line NO. 11 (PHASE 1)

TO YIEMABIN

NO.12

NO.13

NO.14

NO.15

NO.16

NO.17

NO.18

NO.19

NO.20

NO.21

Line NO.22

NO.23

TAUNGZONE TAUNG

Paungga V.

SHWEBONTHA TAUNG

Thayagon V.

Magyigan V.

Taungbalu V.

Kyawywa V.

LETPADAUNG TAUNG

kg

PL.II-1-2 GEOPHYSICAL EXPLANATION MAP OF LETPADAUNG SECTOR

SCALE 1: 10,000

0 500 1,000m

Line NO. 11 (PHASE 1)

MABIN

Ta - naunggon V.

E - gon V.

Paungga V.

kg

SHWEBONTHA TAUNG

Thayagon V.

Taungbalu V.

Kyawywa V.

Tezu V.

LETPADAUNG TAUNG

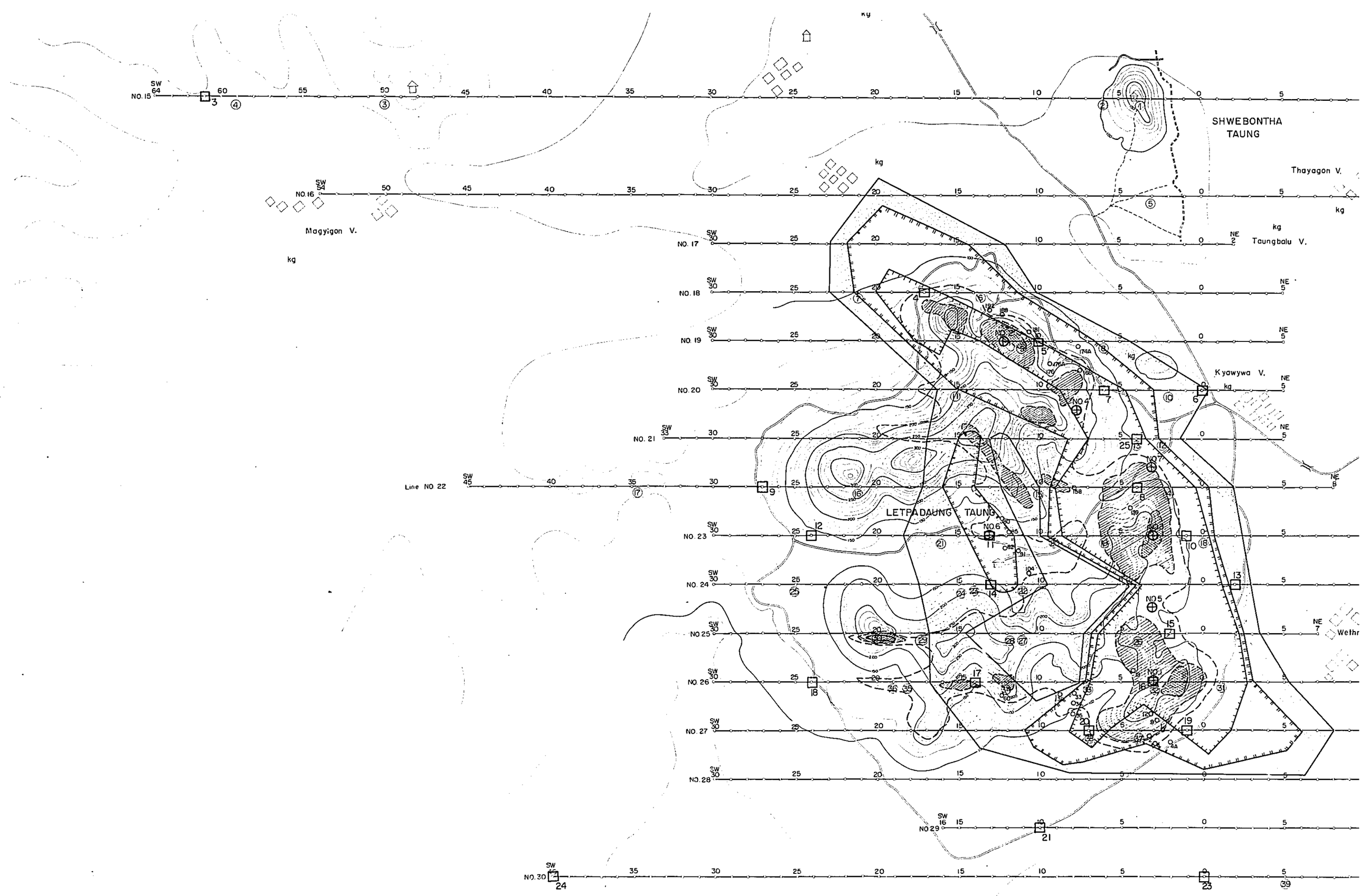
HIGH WAY

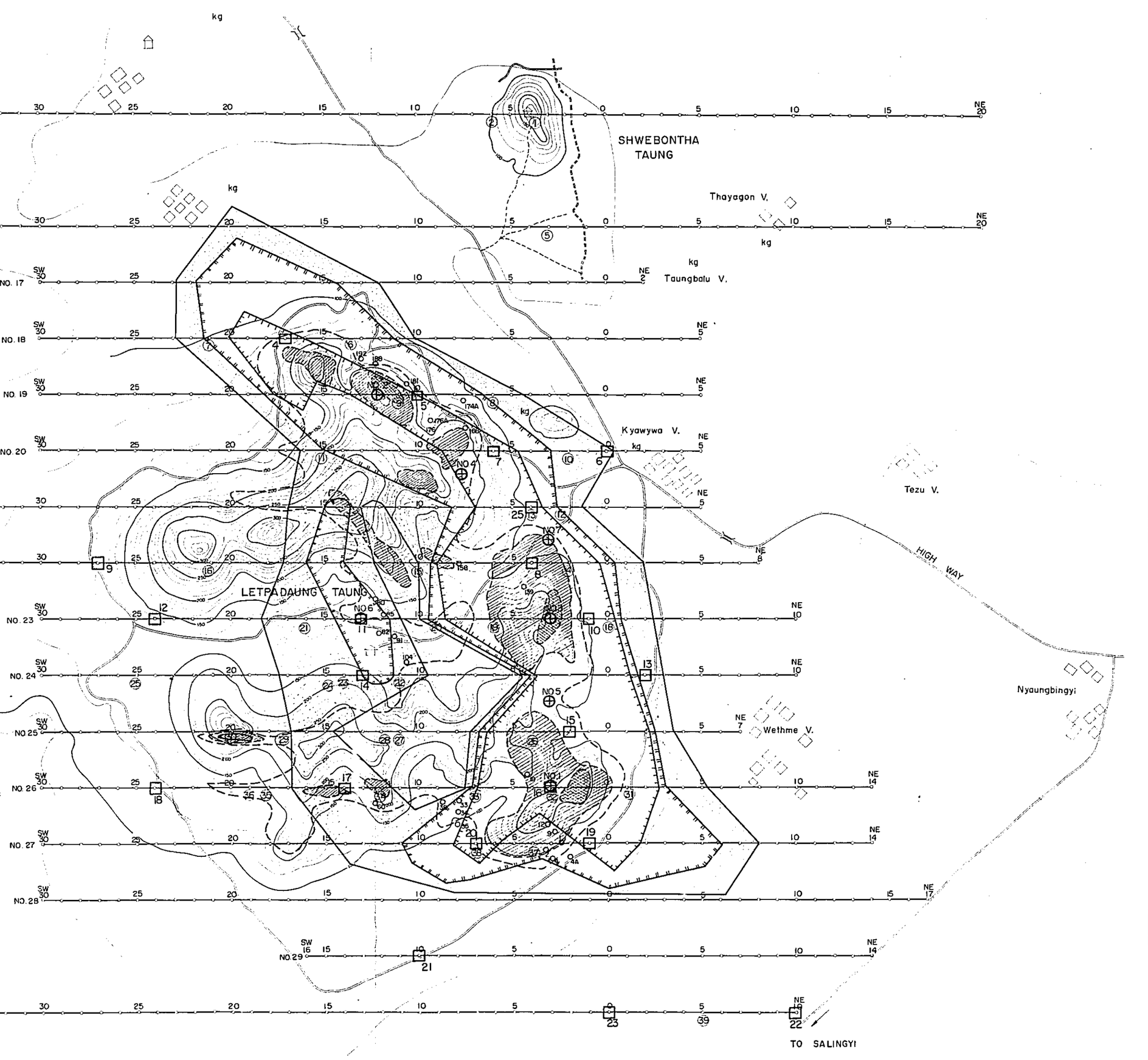
CHINDWIN RIVER

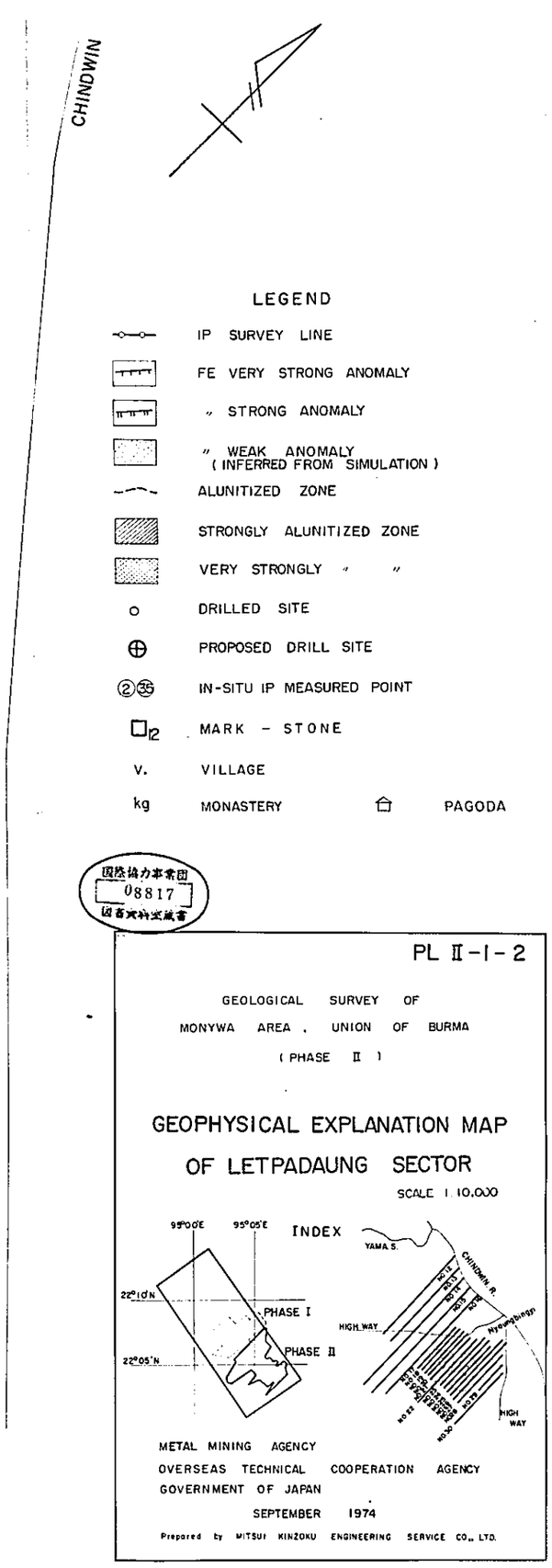
NORTH

LEGEND

- IP SURVEY LINE
- FE VERY STRONG ANOMALY
- " STRONG ANOMALY
- " WEAK ANOMALY (INFERRED FROM SIMULATION)
- ALUNITIZED ZONE
- STRONGLY ALUNITIZED ZONE
- VERY STRONGLY " "
- DRILLED SITE
- PROPOSED DRILL SITE
- IN-SITU IP MEASURED POINT
- MARK - STONE
- V. VILLAGE
- kg MONASTERY
- PAGODA


SHWEBONTHA
TAUNG
Thayagon V.
Magyigon V.
Taungbalu V.
Kyawywa V.
LETPADAUNG TAUNG
Line NO. 22
NO. 15
NO. 16
NO. 17
NO. 18
NO. 19
NO. 20
NO. 21
NO. 23
NO. 24
NO. 25
NO. 26
NO. 27
NO. 28
NO. 29
NO. 30
NO 1
NO 2
NO 3
NO 4
NO 5
NO 6
NO 7
kg





PL II-1-2

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

GEOPHYSICAL EXPLANATION MAP OF LETPADAUNG SECTOR

SCALE 1:10,000

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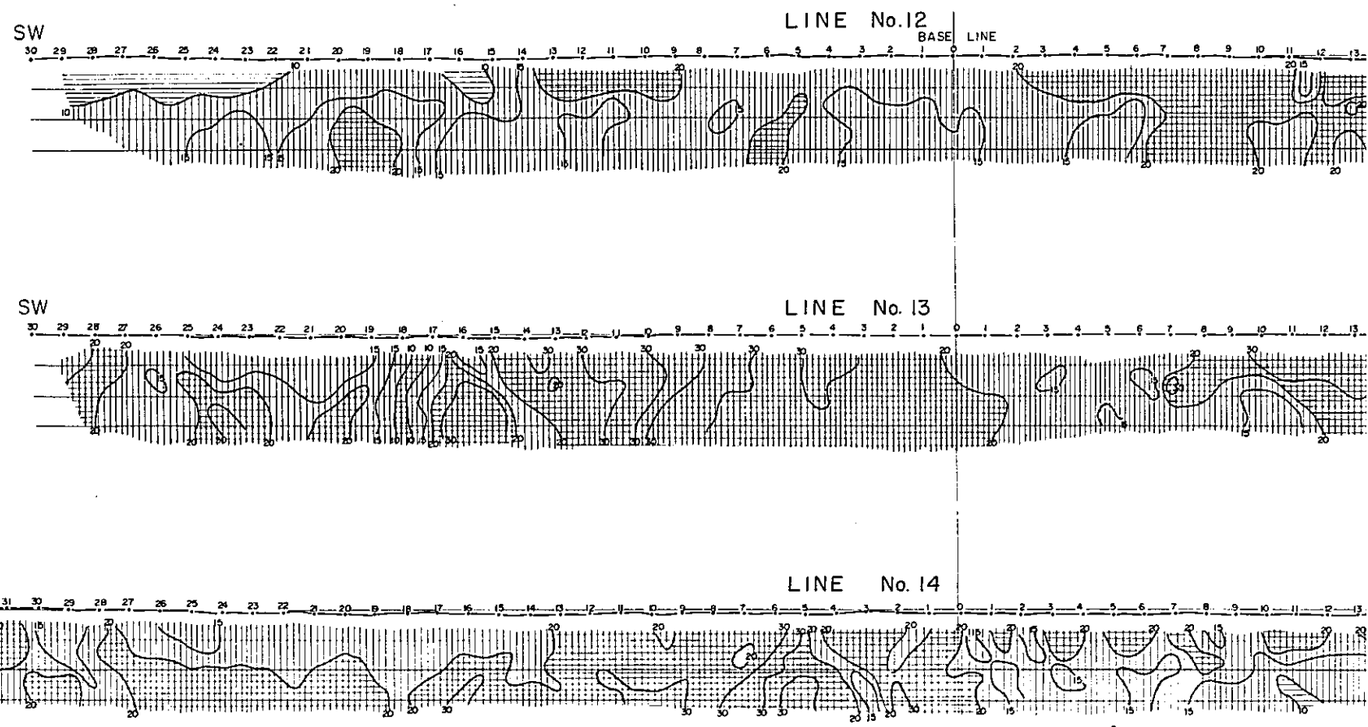
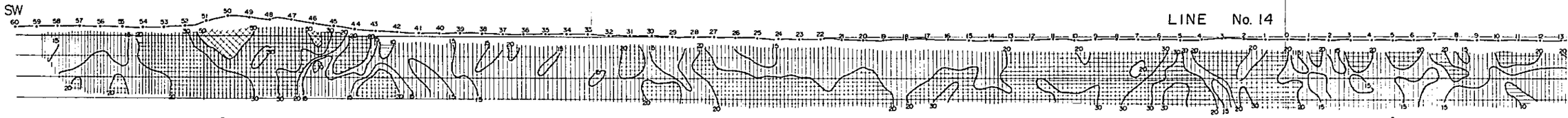
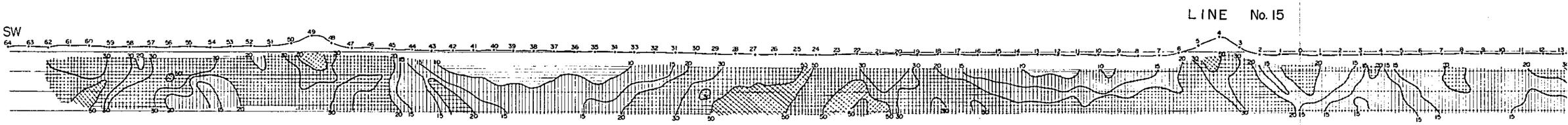
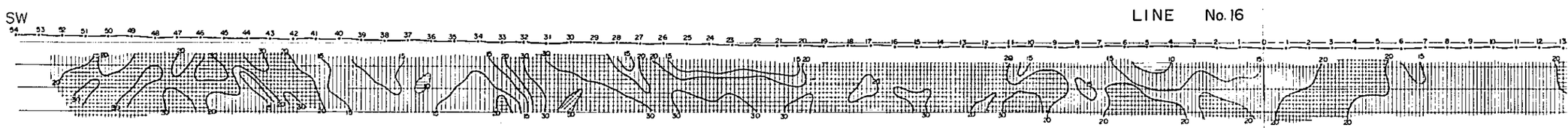
PL.Ⅱ-2-1 PANEL DIAGRAM OF AR DISTRIBUTION (1)

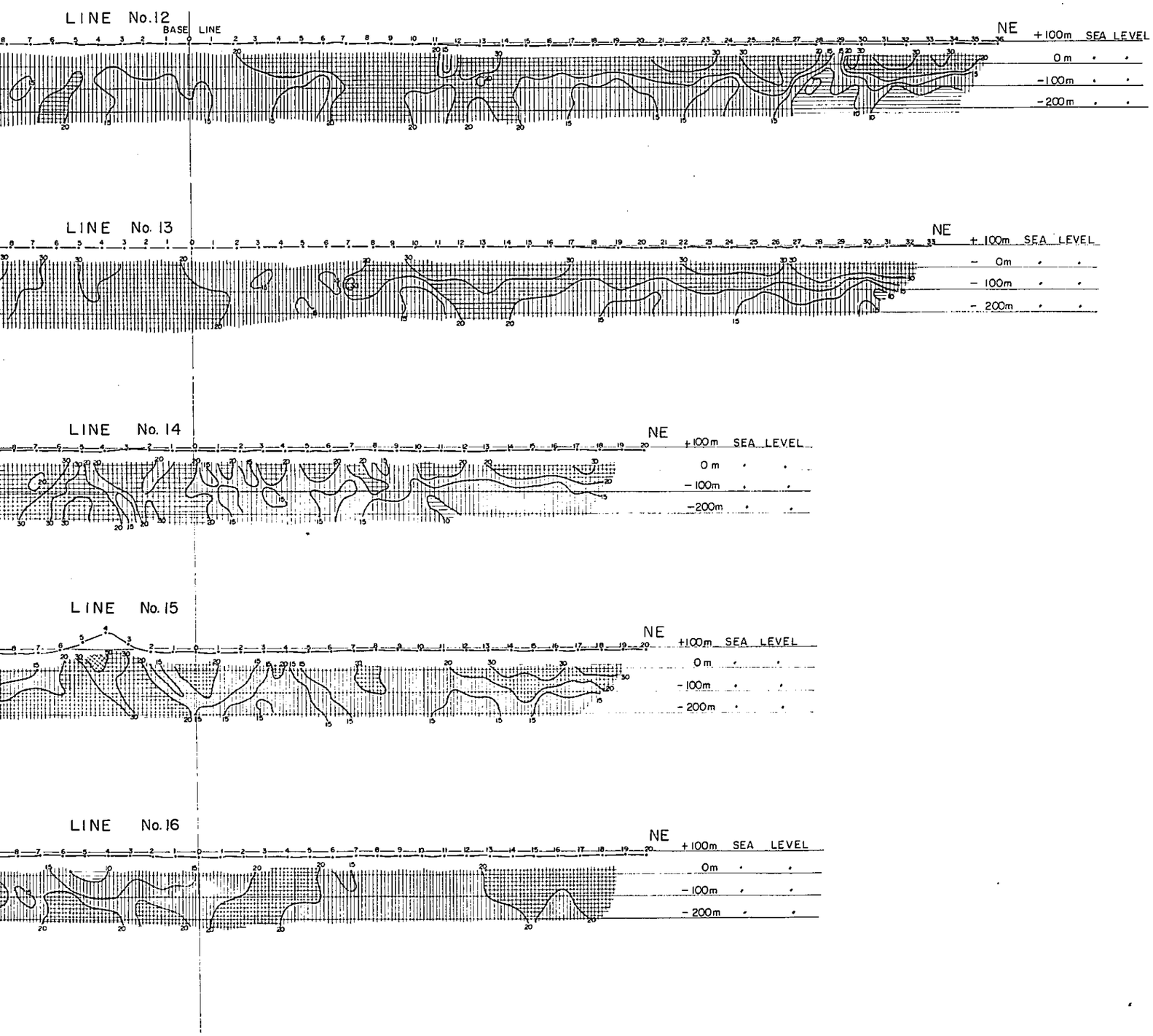








AM OF AR DISTRIBUTION (I)

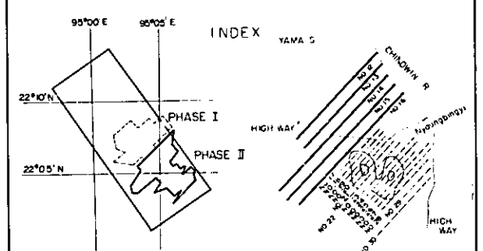


PL. II-2-1

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PANEL DIAGRAM OF AR
Line No. 12 ~ No. 16

Scale 1:10,000



METAL MINING AGENCY
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GOVERNMENT OF JAPAN

SEPTEMBER 1974

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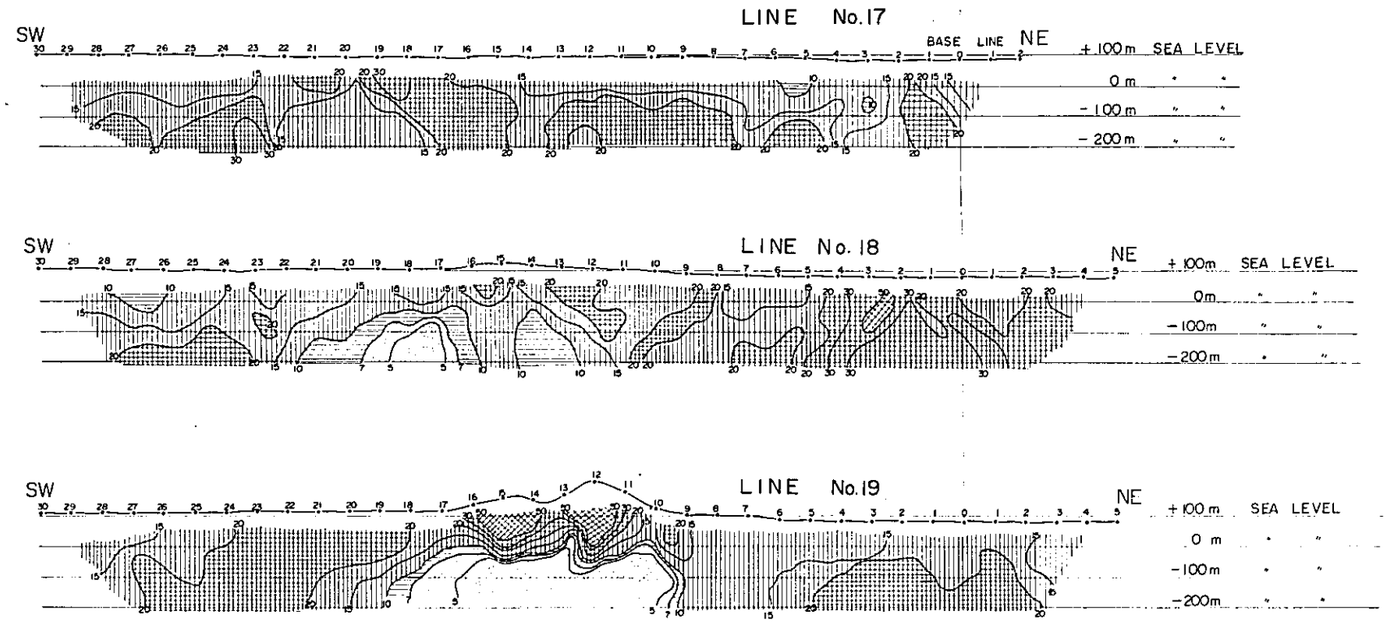
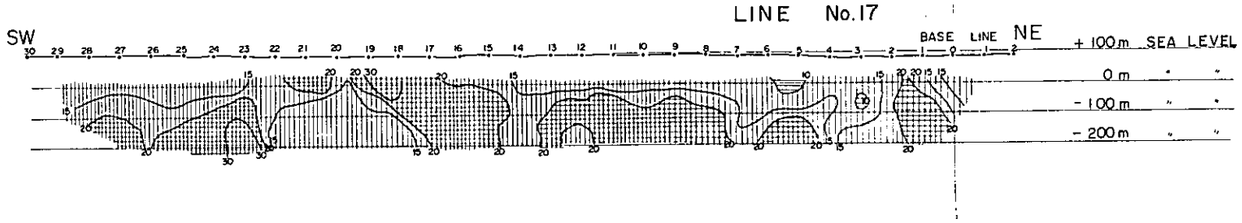
LEGEND

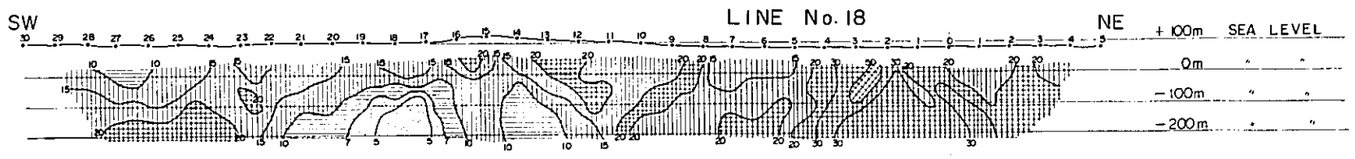
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

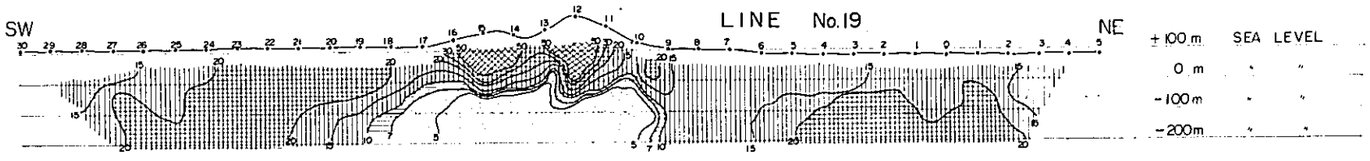
PL. Ⅱ-2-2 PANEL DIAGRAM OF AR DISTRIBUTION (2)

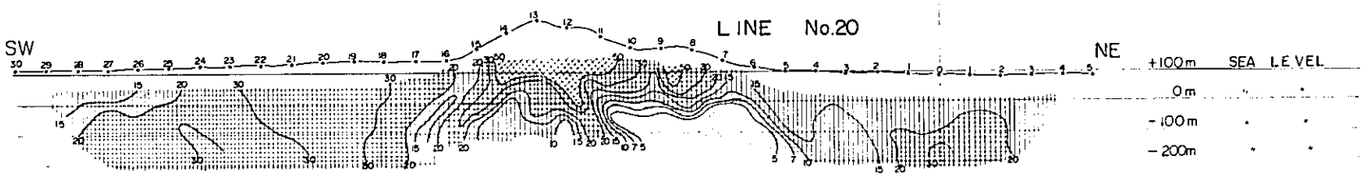


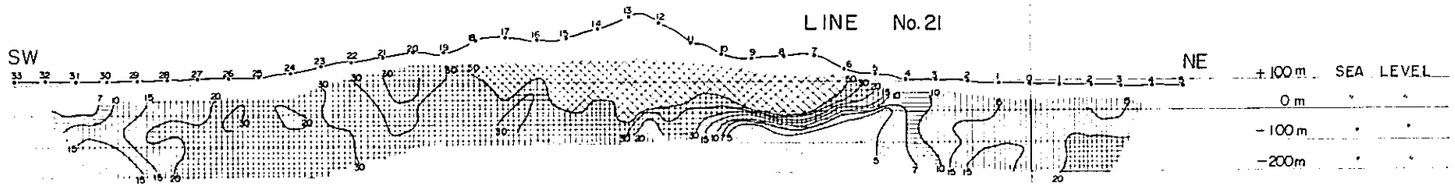
PL. Ⅱ-2-2 PANEL DIAGRAM OF AR DISTRIBUTION (2)

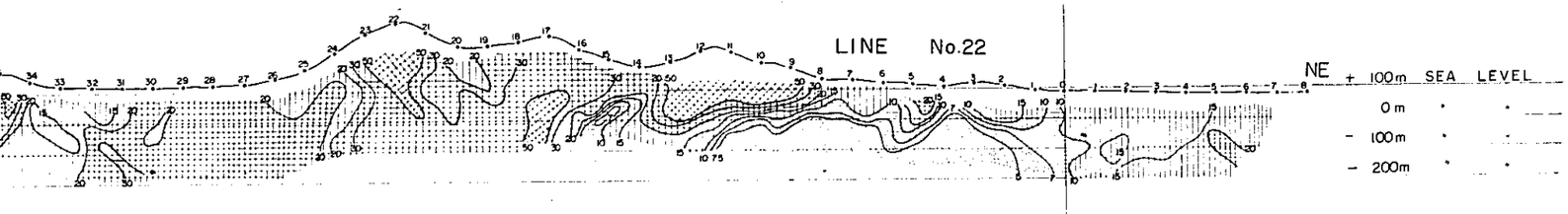










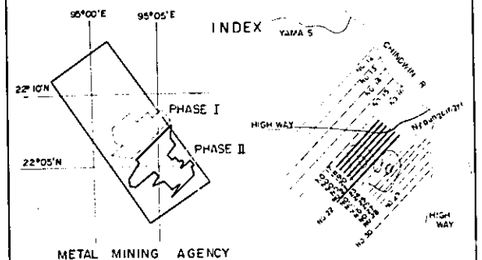


PL. Ⅱ-2-2

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF AR
Line No. 17～No. 22

Scale 1 : 10,000



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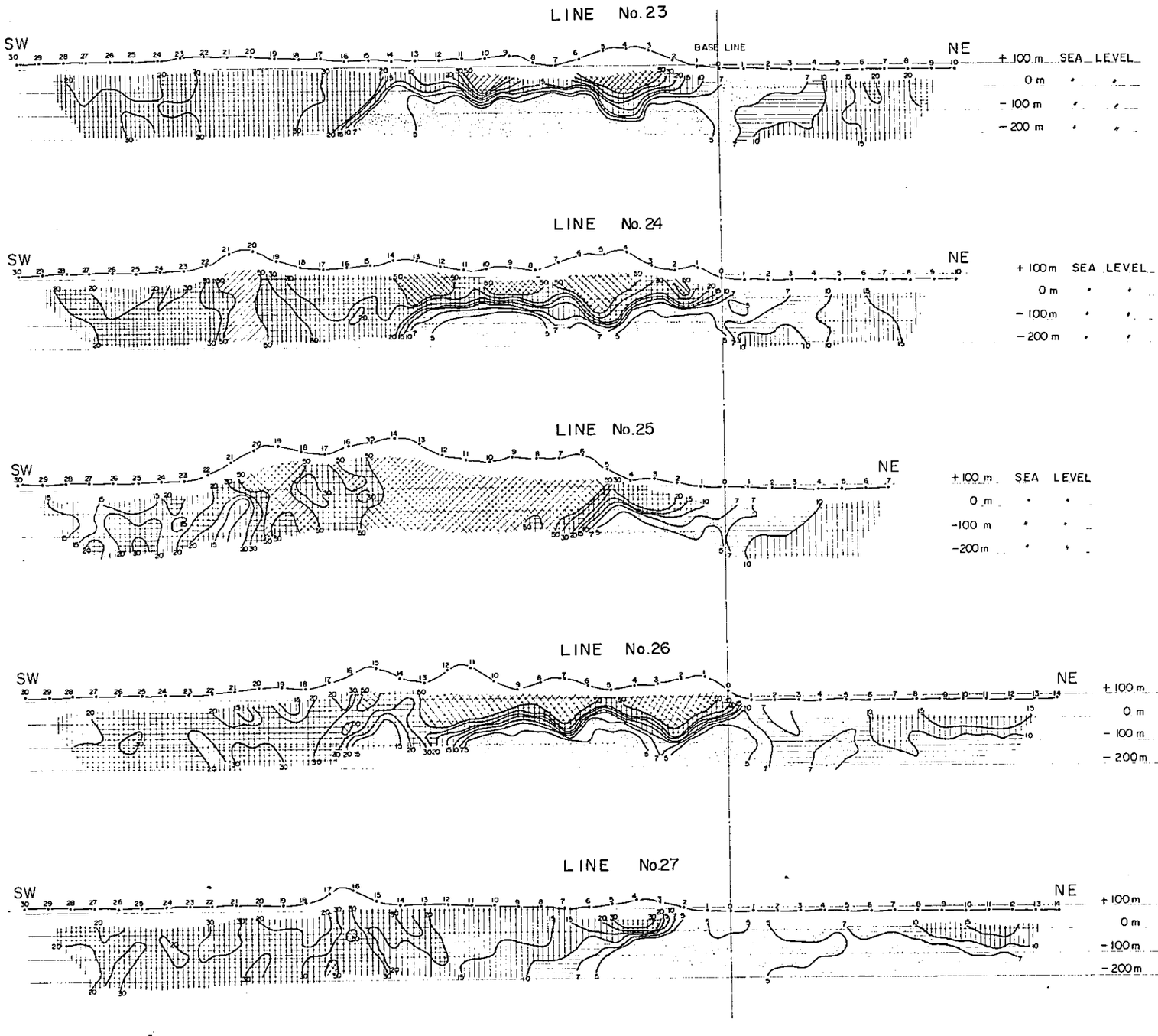
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

LEGEND

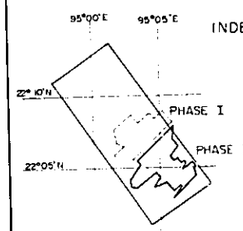
- Less 7Ω.m
- 7Ω.m ～ 10Ω.m
- 10Ω.m ～ 20Ω.m
- 20Ω.m ～ 50Ω.m
- Over 50Ω.m

PL. Ⅱ-2-3 PANEL DIAGRAM OF AR DISTRIBUTION (3)



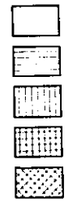
GEOLOGICAL SURVI
MONYWA AREA, UNION
(PHASE Ⅱ

PANEL DIAGRAM
Line No.23 ~

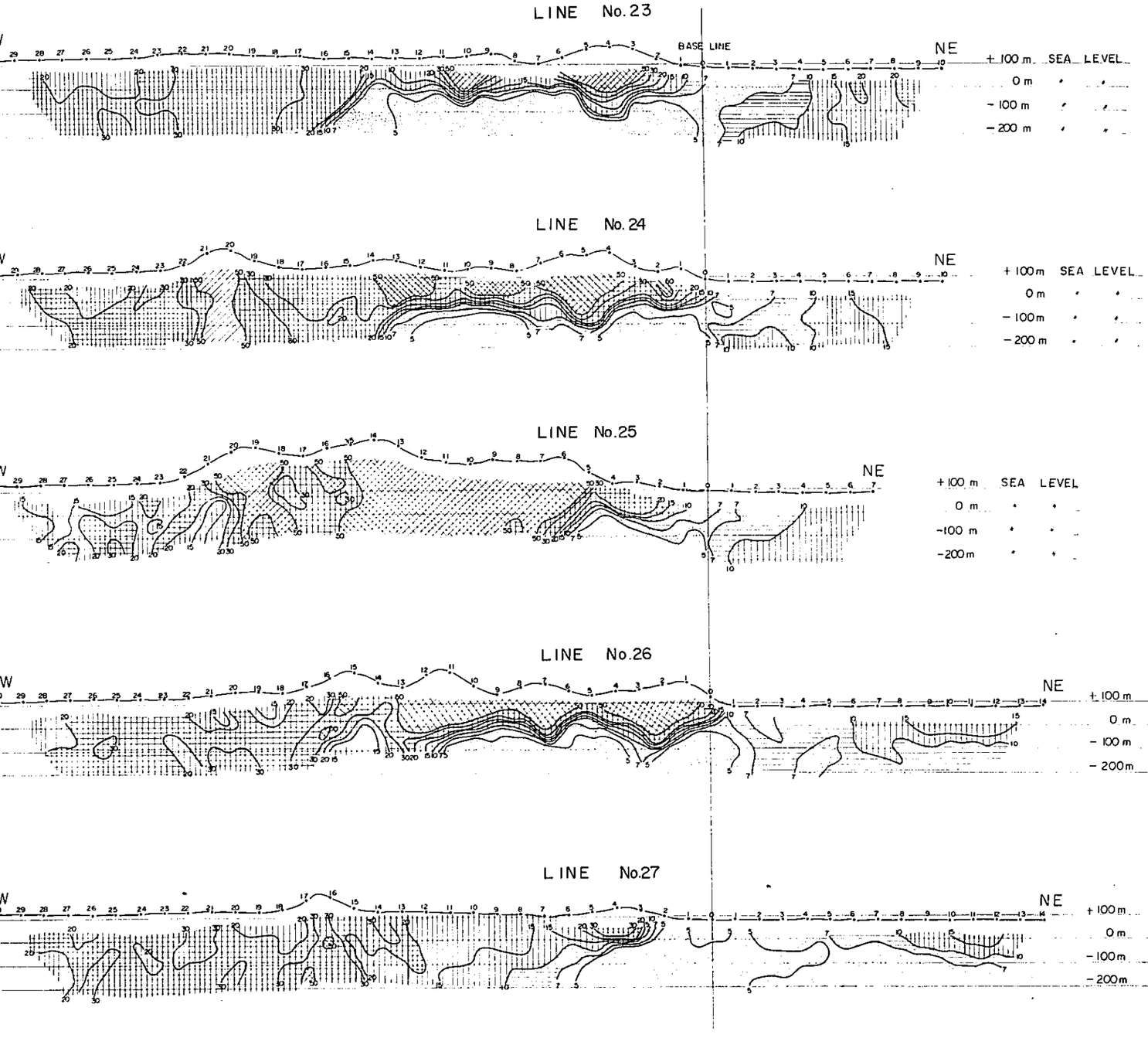


METAL MINING AGENCY
OVERSEAS TECHNICAL COOPE
GOVERNMENT OF JAPAN
SEPTEMBER 19
Prepared by MITSUI KINZOKU ENGINEE

LEGEN



PL. Ⅱ-2-3 PANEL DIAGRAM OF AR DISTRIBUTION (3)

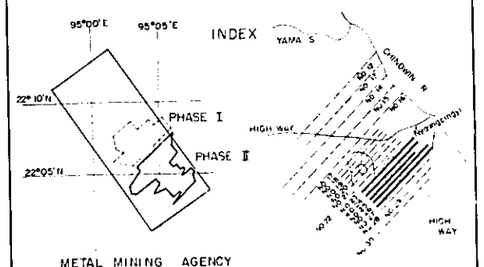


PL. Ⅱ-2-3

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF AR
Line No.23 ~ No.27

Scale 1 10,000



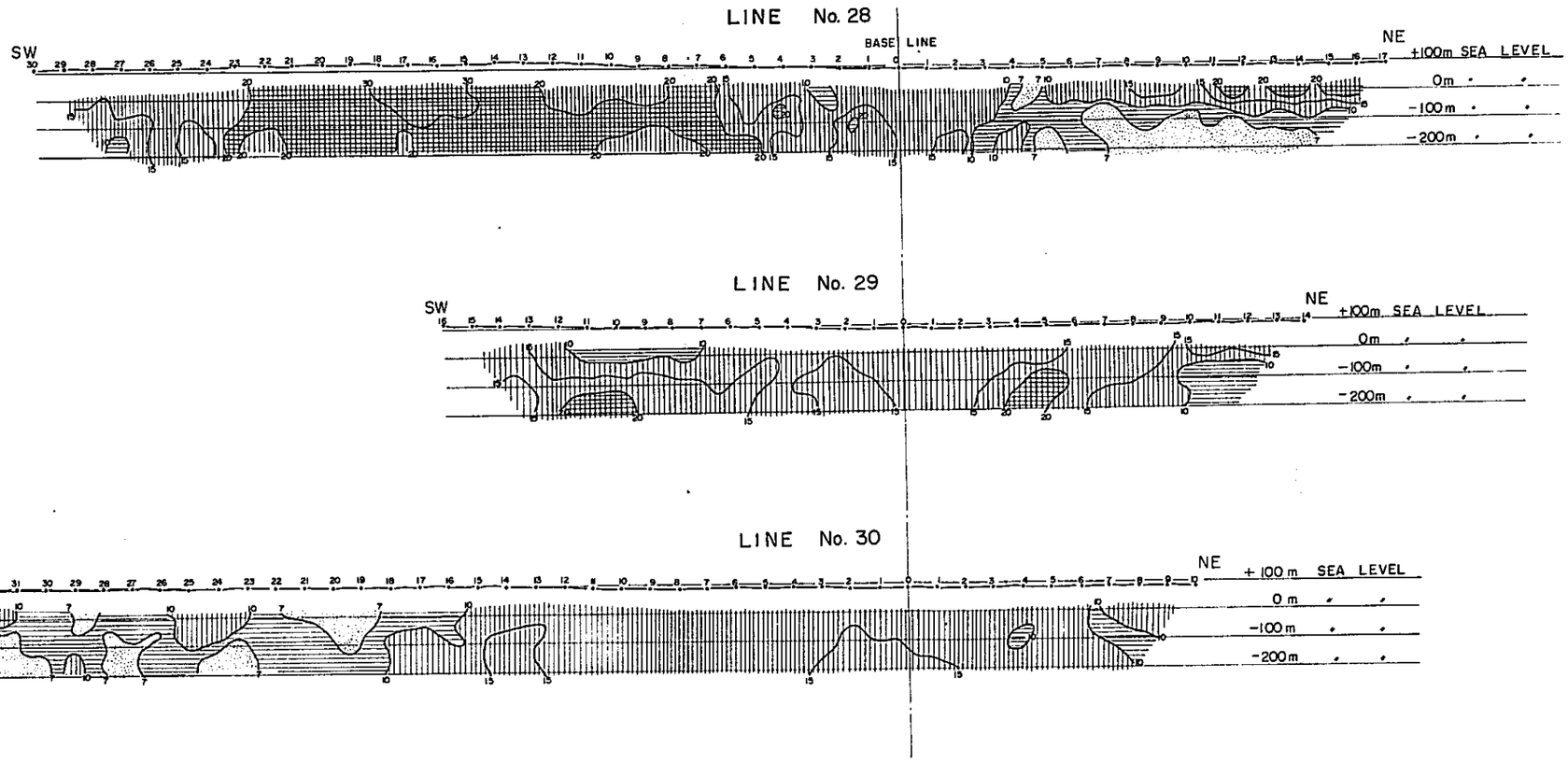
METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

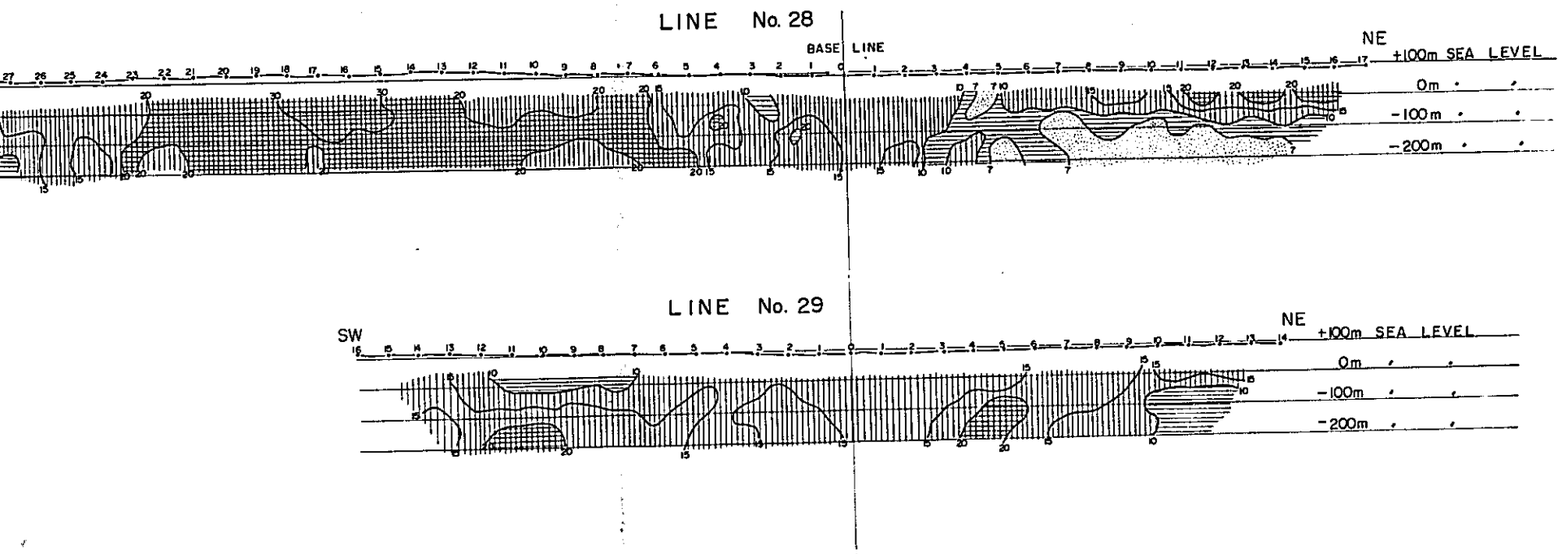
LEGEND

- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

PL. II-2-4 PANEL DIAGRAM OF AR DISTRIBUTION (4)



PL. Ⅱ-2-4 PANEL DIAGRAM OF AR DISTRIBUTION (4)

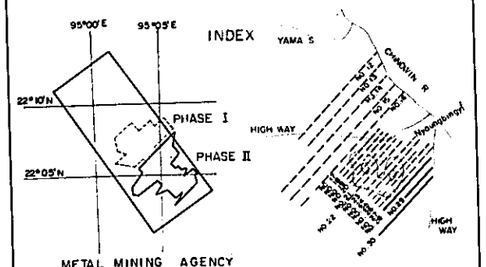


PL. Ⅱ-2-4

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF AR
Line No. 28 ~ No. 30

Scale 1 : 10,000



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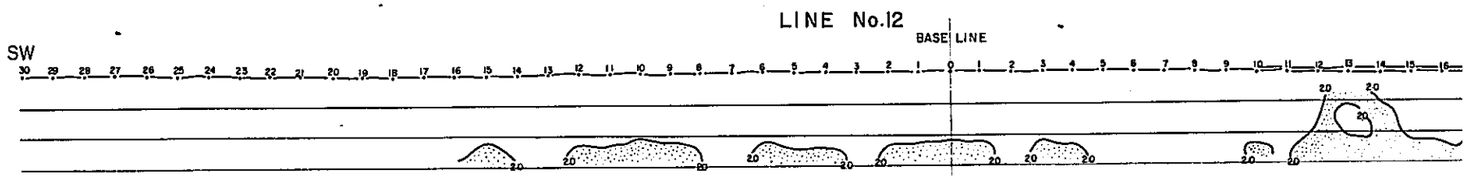
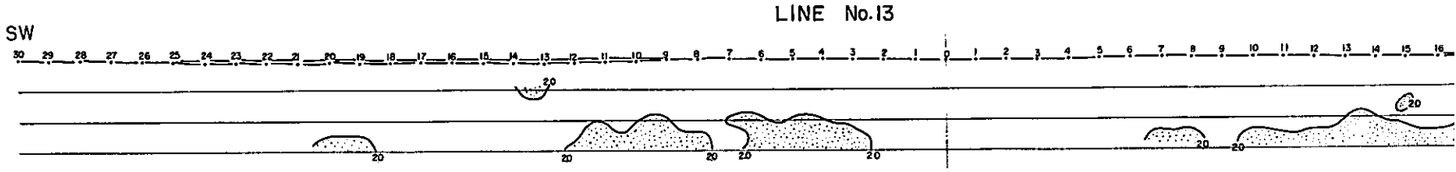
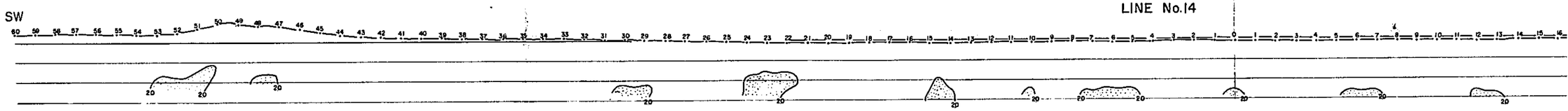
LEGEND

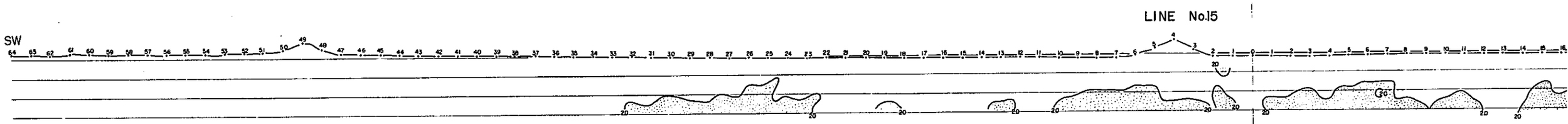
- Less 7Ω.m
- 7Ω.m ~ 10Ω.m
- 10Ω.m ~ 20Ω.m
- 20Ω.m ~ 50Ω.m
- Over 50Ω.m

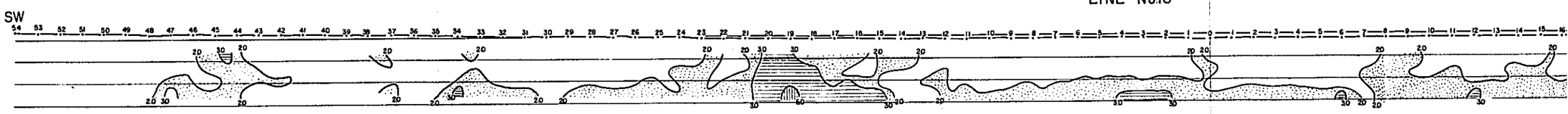
PL,II-2-5 PANEL DIAGRAM OF FE DISTRIBUTION (1)



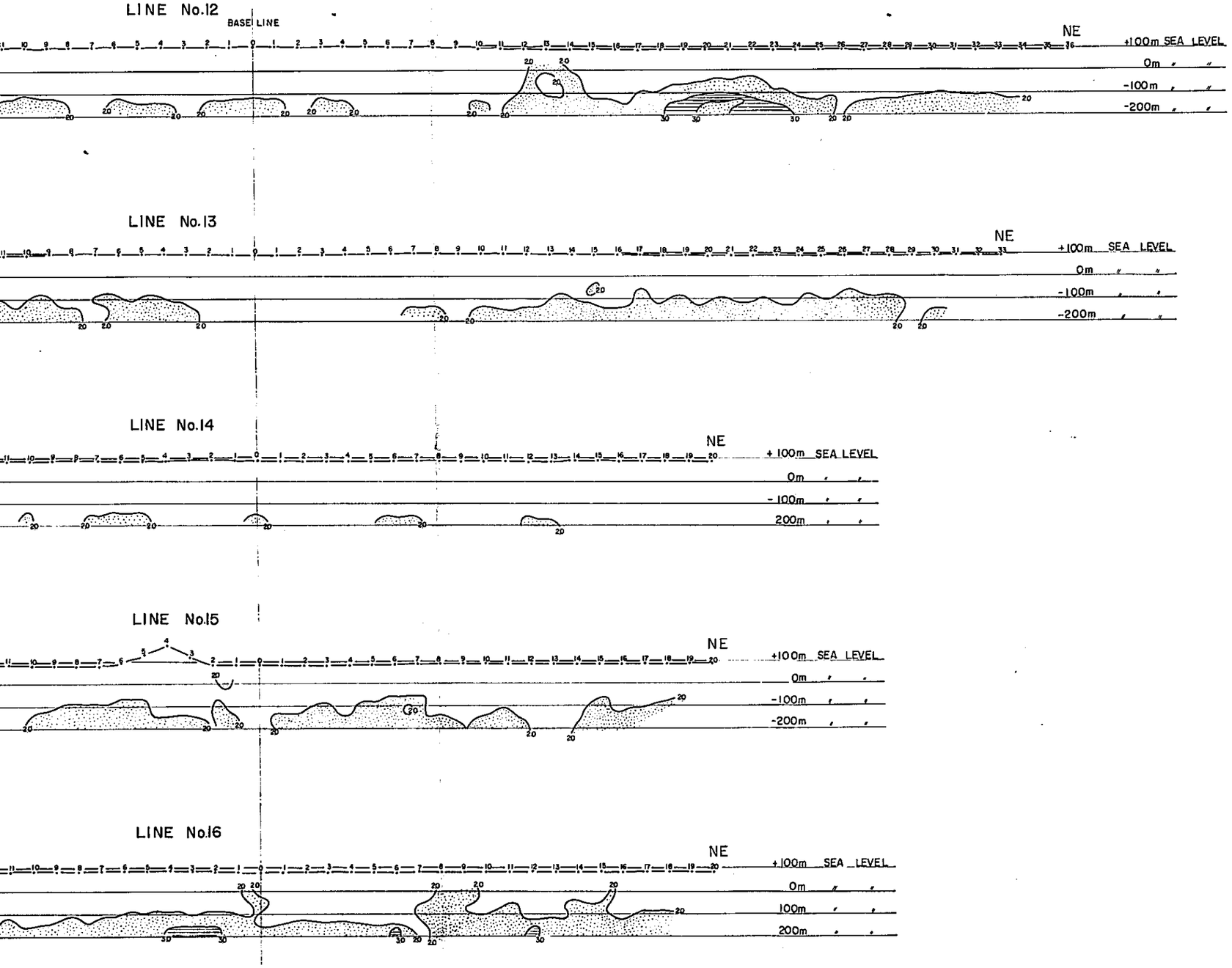








AGRAM OF FE DISTRIBUTION (I)

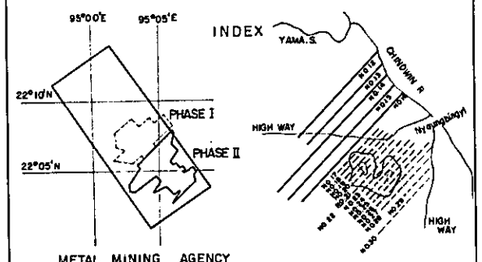


PL.II-2-5

GEOLOGICAL SURVEY OF
MONYWA AREA , UNION OF BURMA
(PHASE II)

PANEL DIAGRAM OF FE
Line No.12 ~ No.16

Scale 1 : 10,000



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OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

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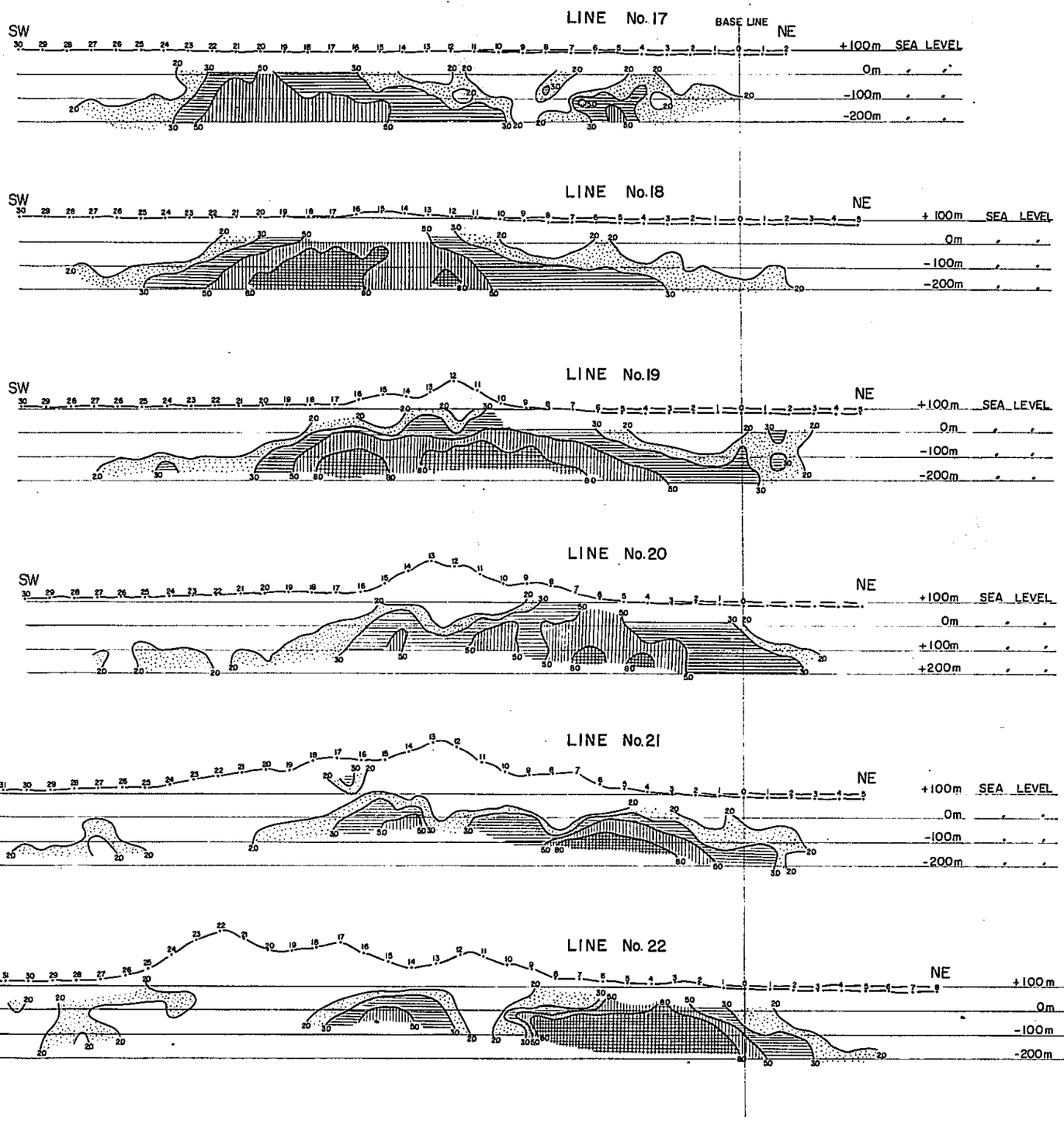
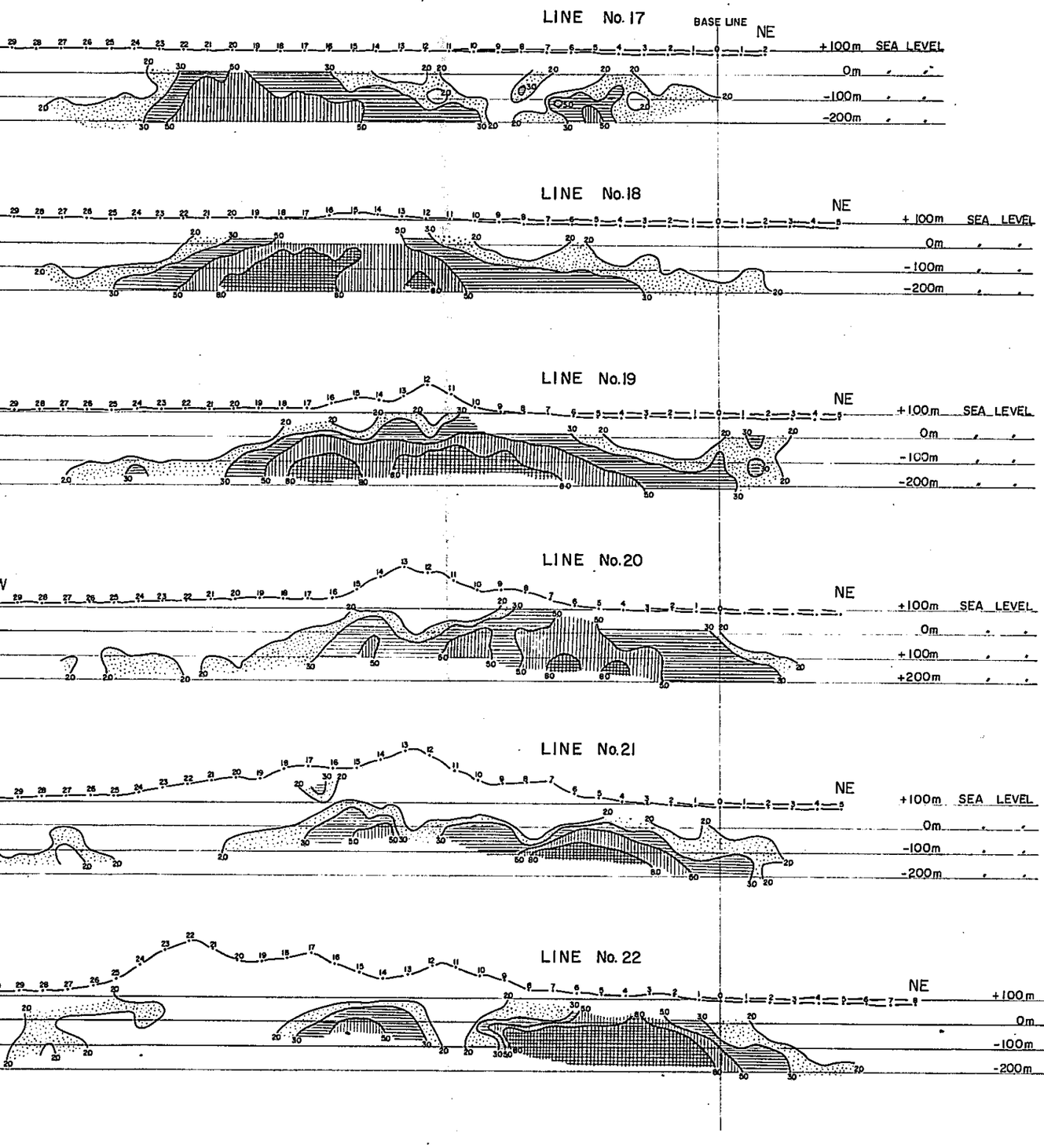
LEGEND

- 2%~3%
- 3%~5%
- 5%~8%
- Over 8%

PL,II-2-6 PANEL DIAGRAM OF FE DISTRIBUTION (2)



PL.Ⅱ-2-6 PANEL DIAGRAM OF FE DISTRIBUTION (2)

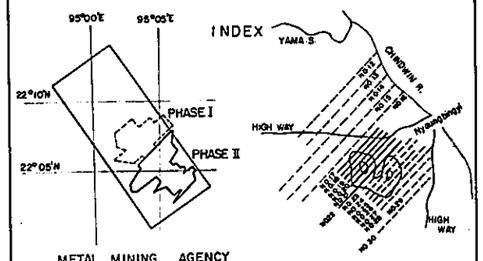


PL.Ⅱ-2-6

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF FE
Line No.17 ~ No.22

Scale 1 : 10,000



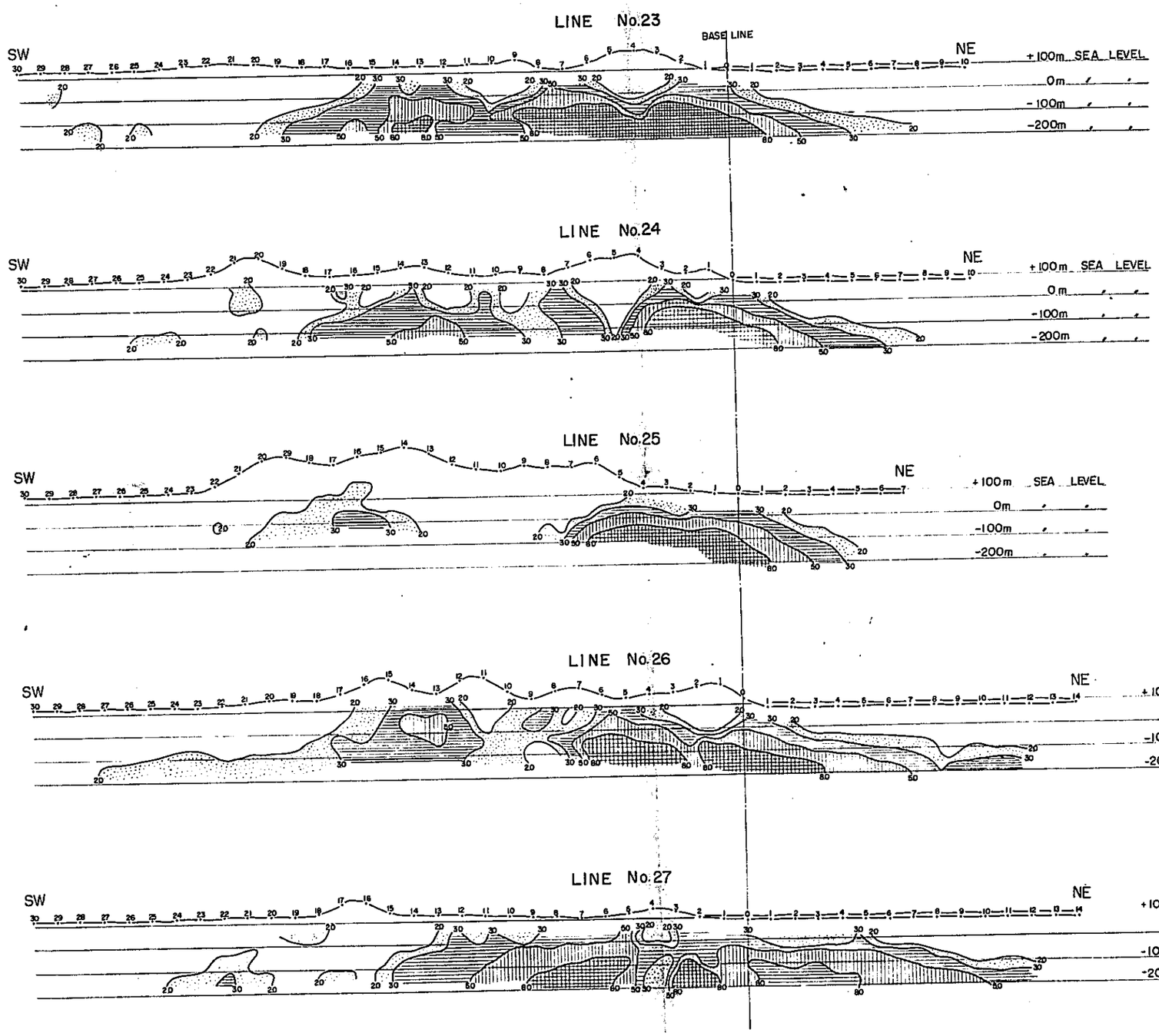
METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

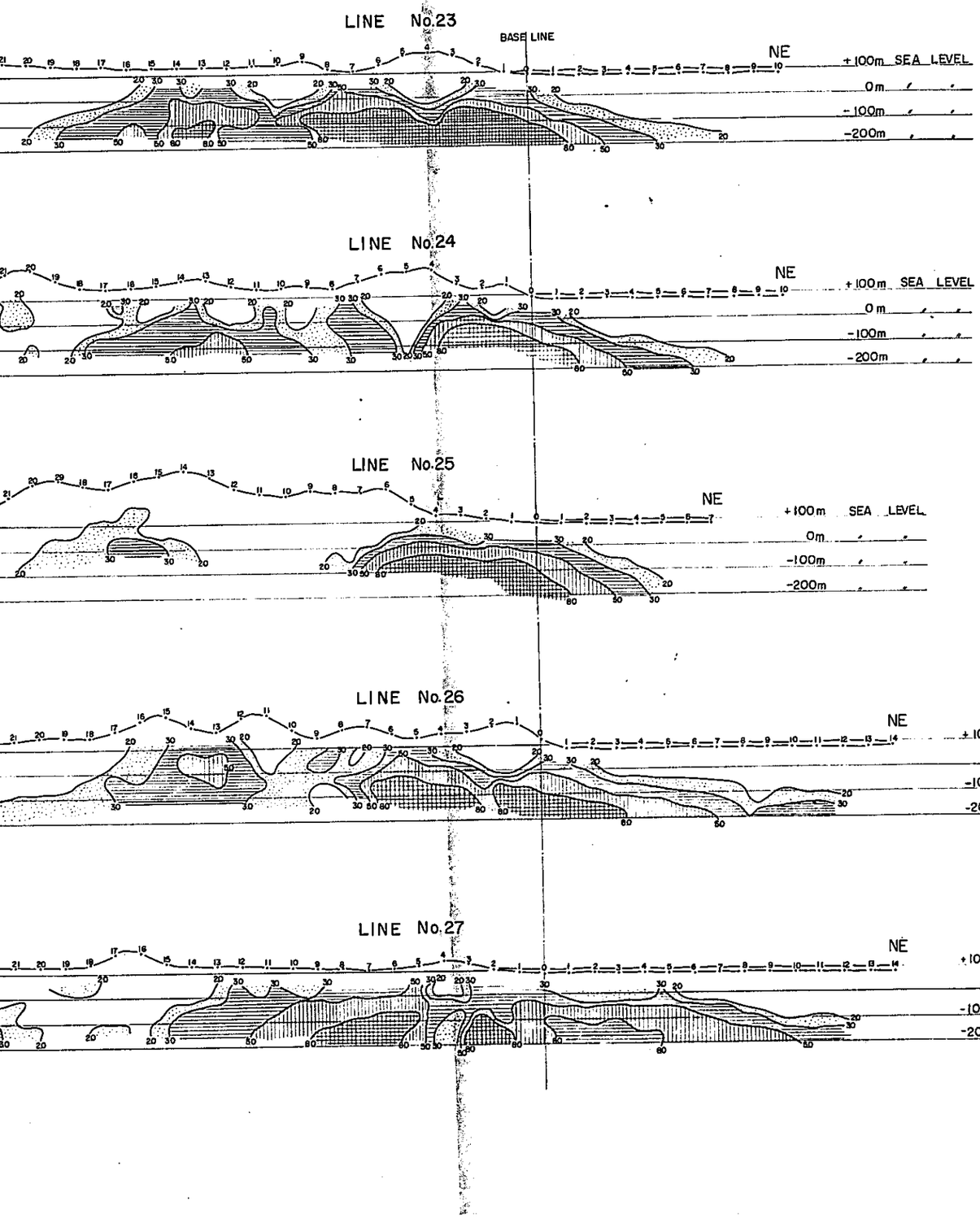
LEGEND

- 2 %~3 %
- 3 %~5 %
- 5 %~8 %
- Over 8 %

PL.Ⅱ-2-7 PANEL DIAGRAM OF FE DISTRIBUTION (3)



Ⅱ-2-7 PANEL DIAGRAM OF FE DISTRIBUTION (3)

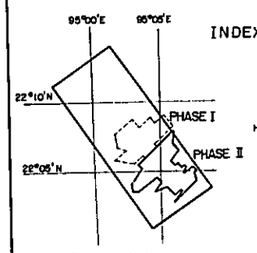


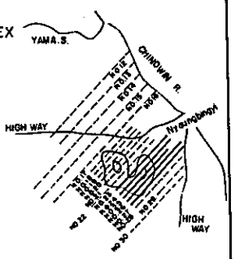
PL.Ⅱ-2-7

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF FE
Line No.23~No.27

Scale 1:10,000





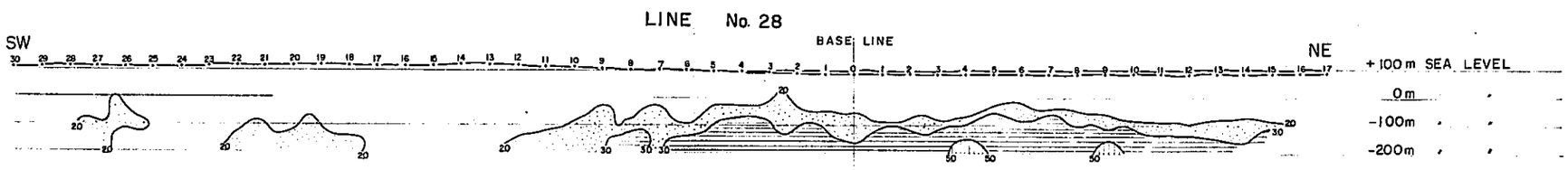
METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

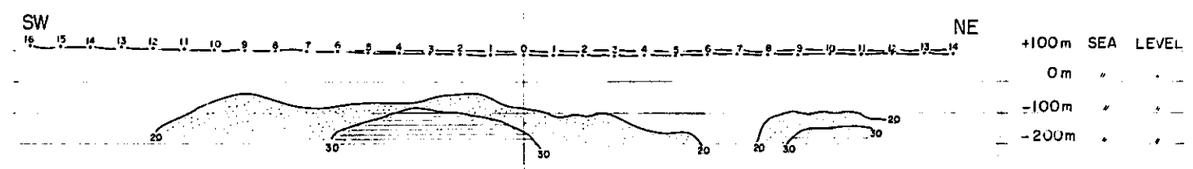
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

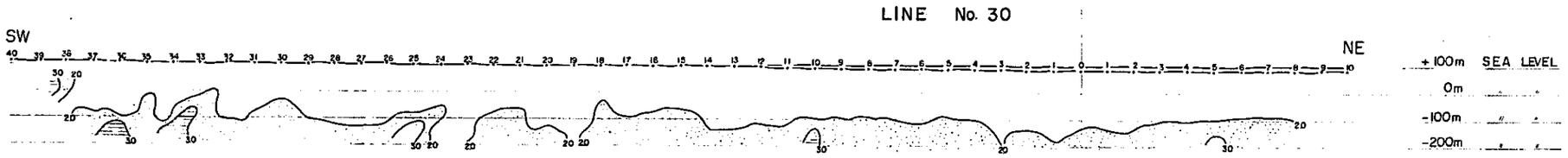
LEGEND

- 2%~3%
- 3%~5%
- 5%~8%
- Over 8%

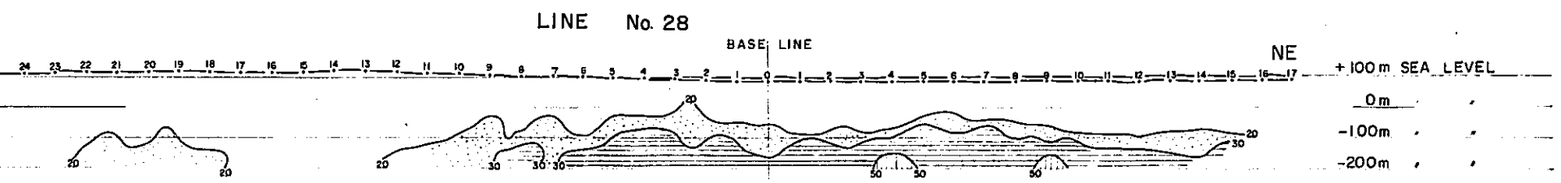
PL.II-2-8 PANEL DIAGRAM OF FE DISTRIBUTION (4)

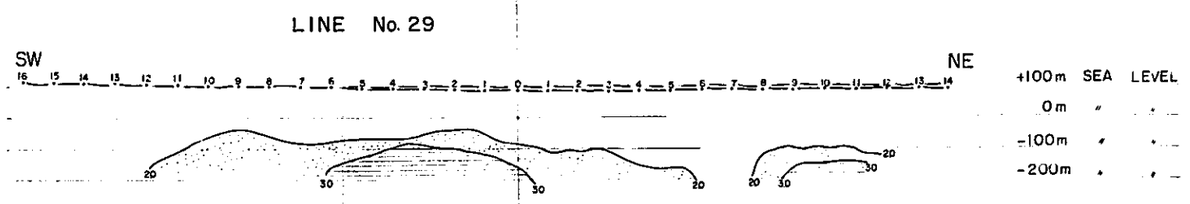


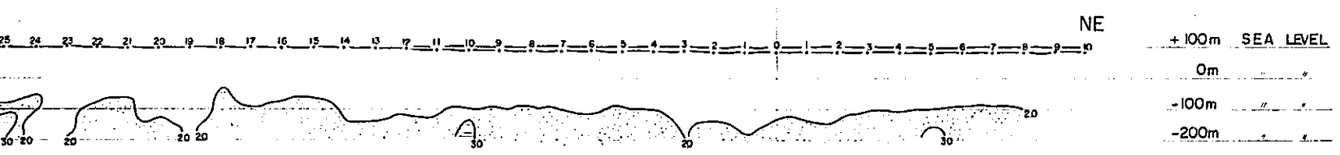




PL.Ⅱ-2-8 PANEL DIAGRAM OF FE DISTRIBUTION (4)





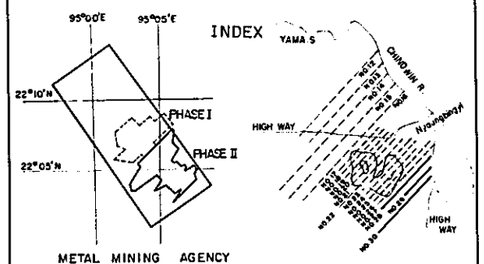


PL.Ⅱ-2-8

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF FE
Line No.28~No. 30

Scale 1:10,000



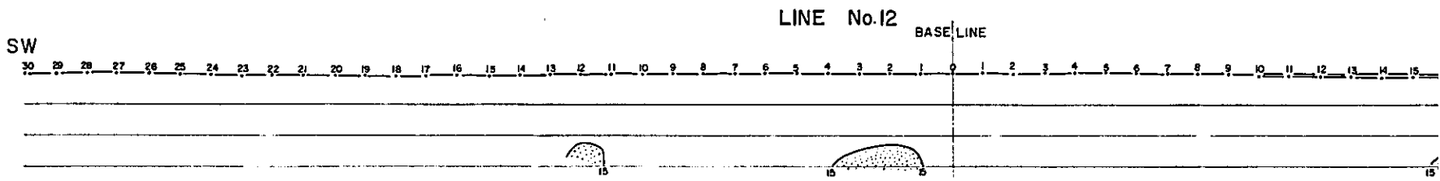
METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

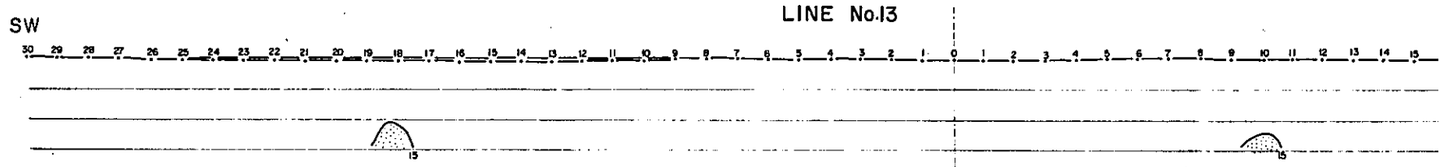
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

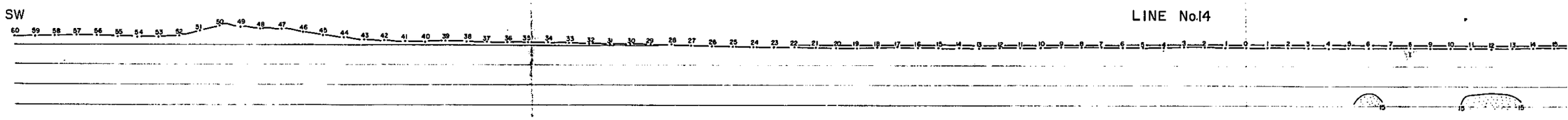
LEGEND

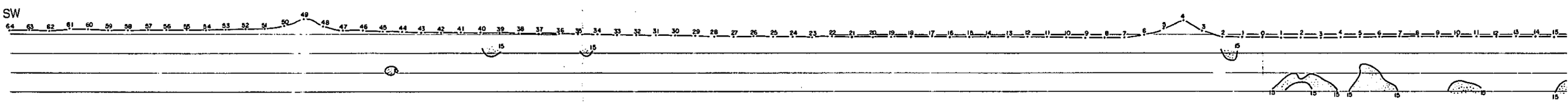
- 2%~3%
- 3%~5%
- 5%~8%
- Over 8%

PL,II-2-9 PANEL DIAGRAM OF MF DISTRIBUTION (I)









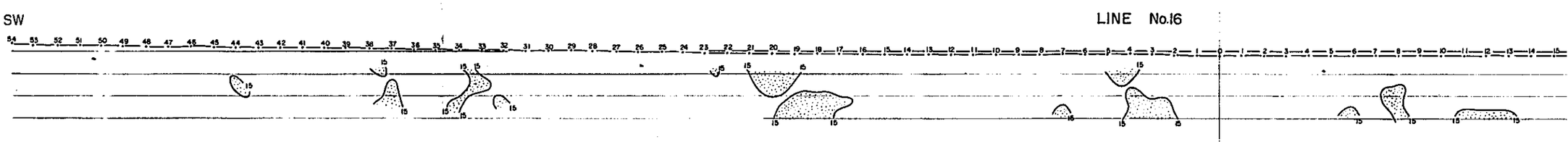
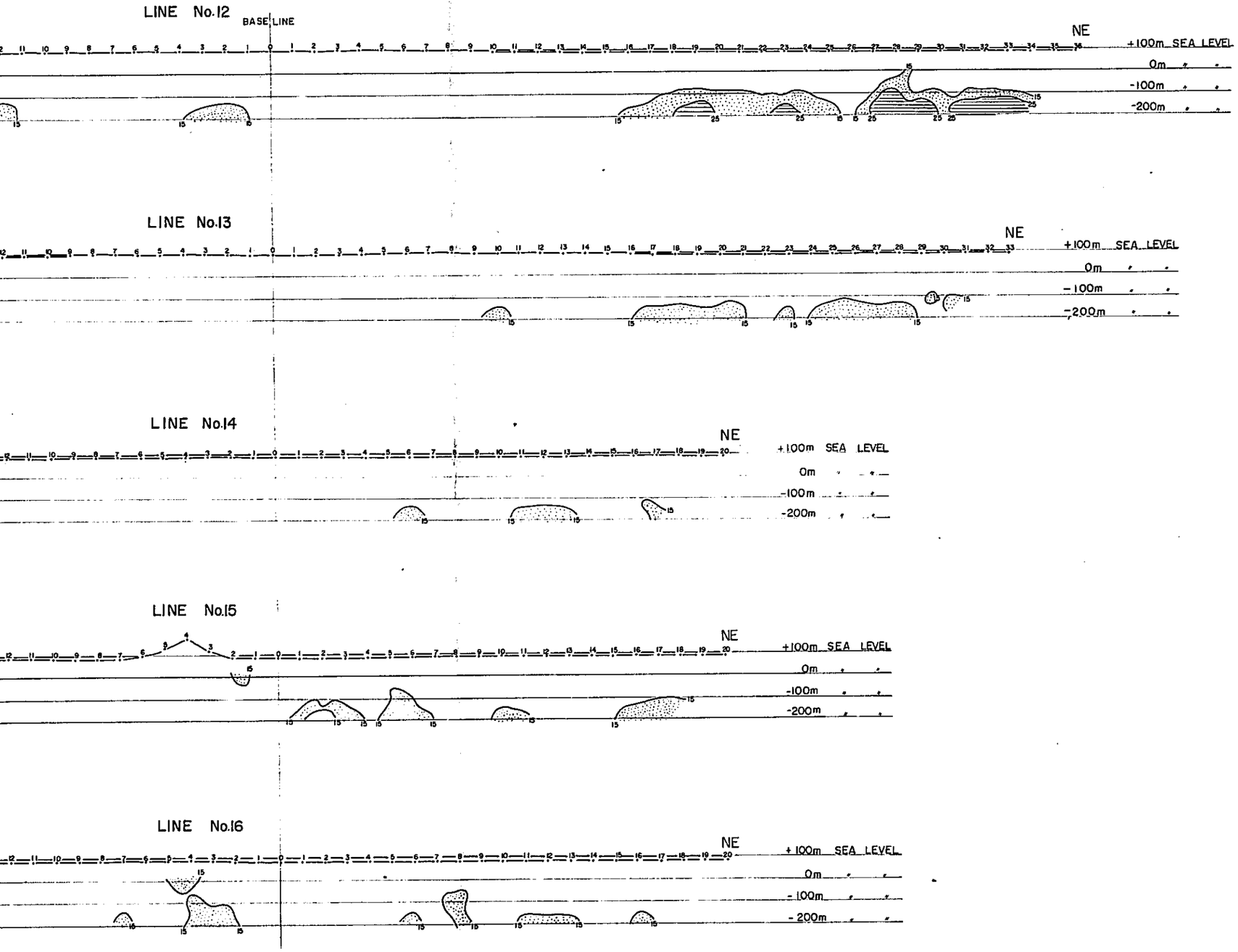


DIAGRAM OF MF DISTRIBUTION (I)

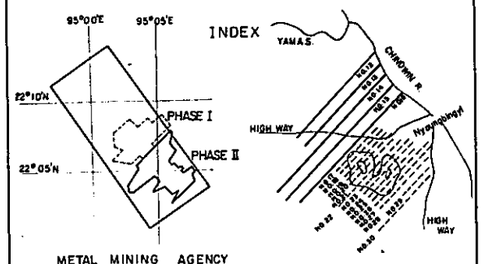


PL.II-2-9

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PANEL DIAGRAM OF MF
Line No.12 ~ No.16

Scale 1 : 10,000



METAL MINING AGENCY
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GOVERNMENT OF JAPAN

SEPTEMBER 1974

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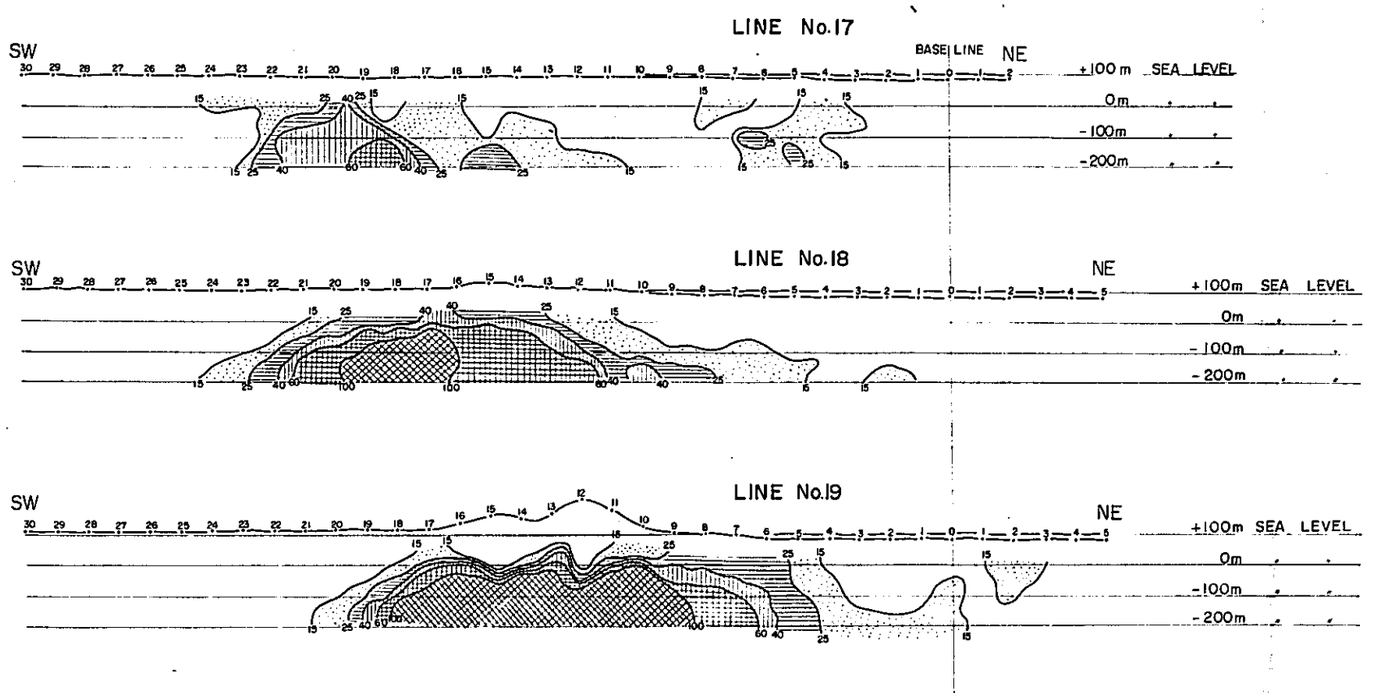
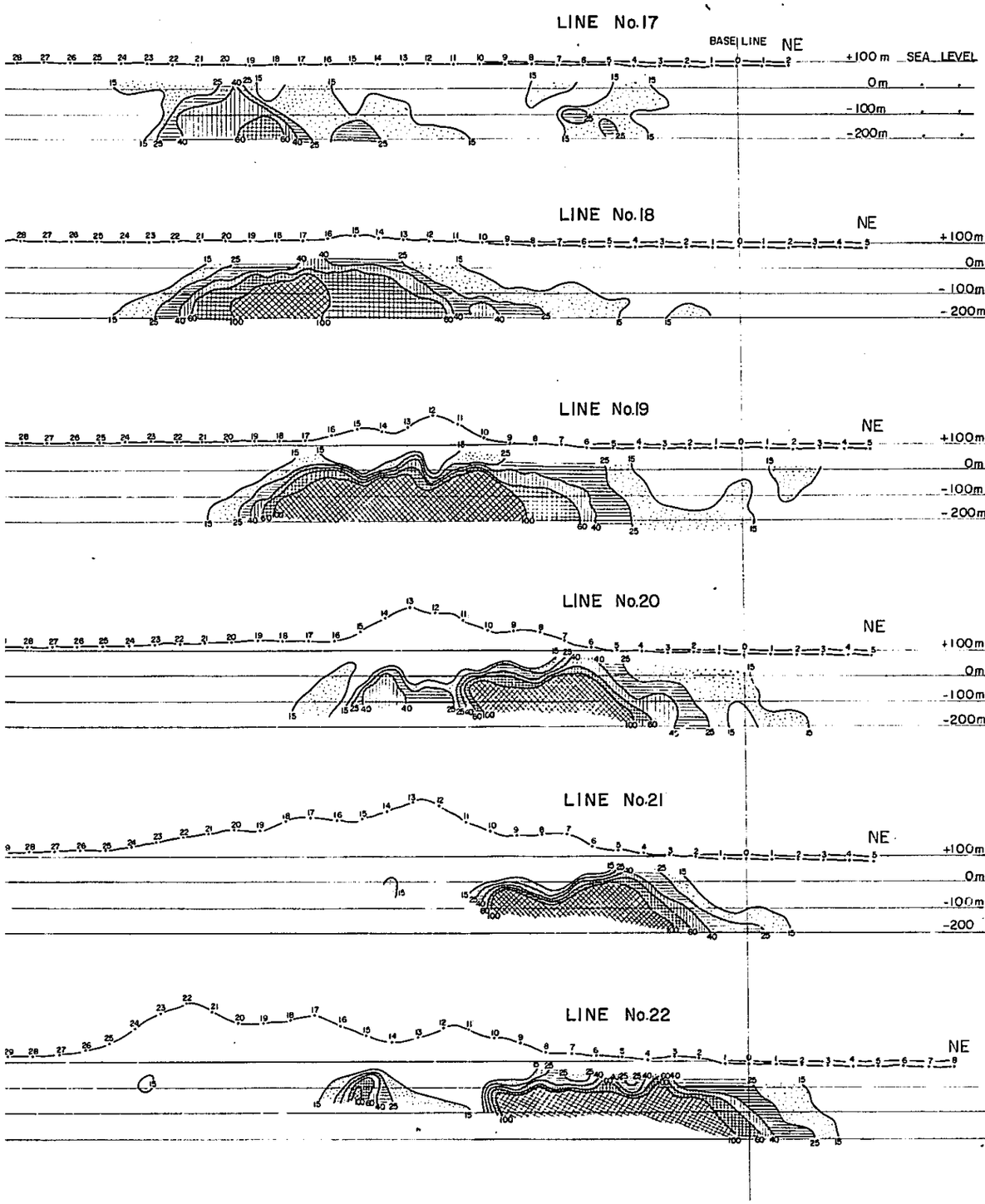
LEGEND

- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL,Ⅱ-2-10 PANEL DIAGRAM OF MF DISTRIBUTION (2)



PL.Ⅱ-2-10 PANEL DIAGRAM OF MF DISTRIBUTION (2)

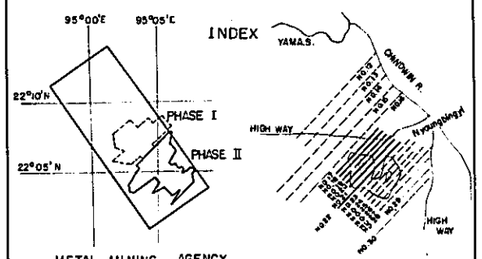


PL.Ⅱ-2-10

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF MF
Line No.17～No.22

Scale 1:10,000



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OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

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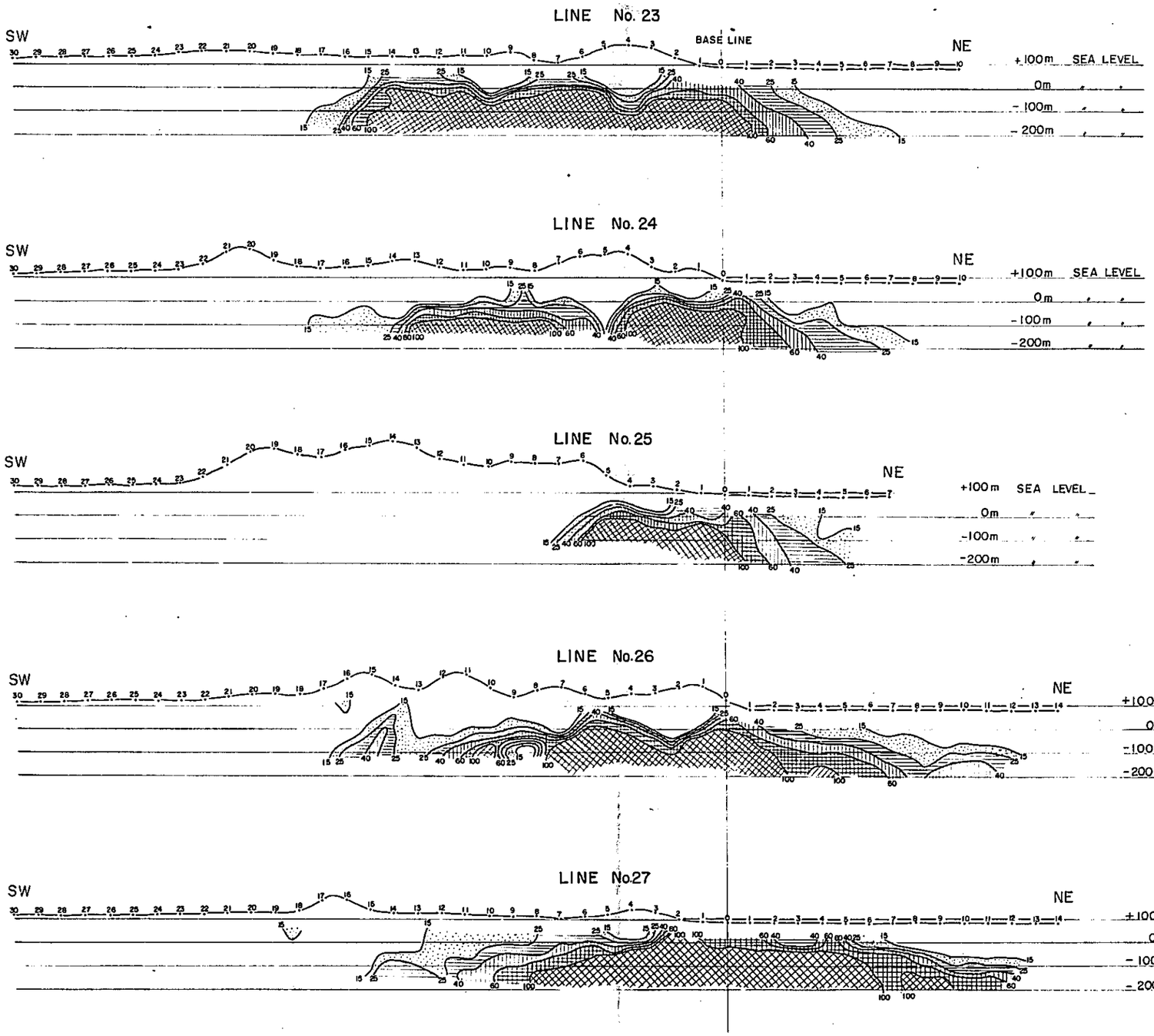
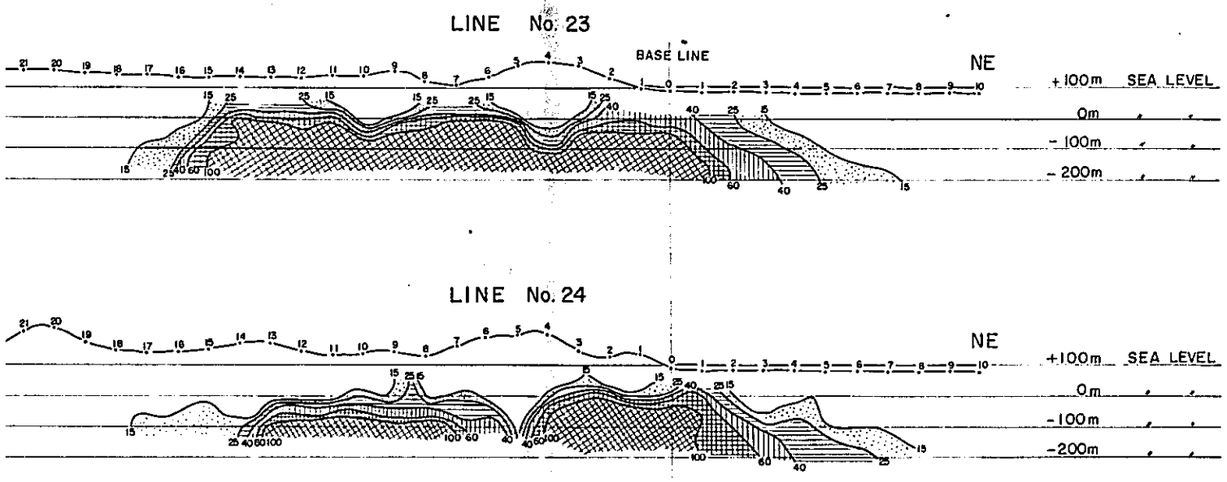
LEGEND

- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL.Ⅱ-2-11 PANEL DIAGRAM OF MF DISTRIBUTION (3)



PL.Ⅱ-2-11 PANEL DIAGRAM OF MF DISTRIBUTION (3)

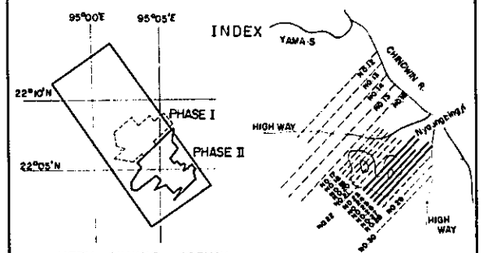


PL.Ⅱ-2-11

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PANEL DIAGRAM OF MF
Line No.23 ~ No.27

Scale 1 : 10,000



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OVERSEAS TECHNICAL COOPERATION AGENCY
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SEPTEMBER 1974

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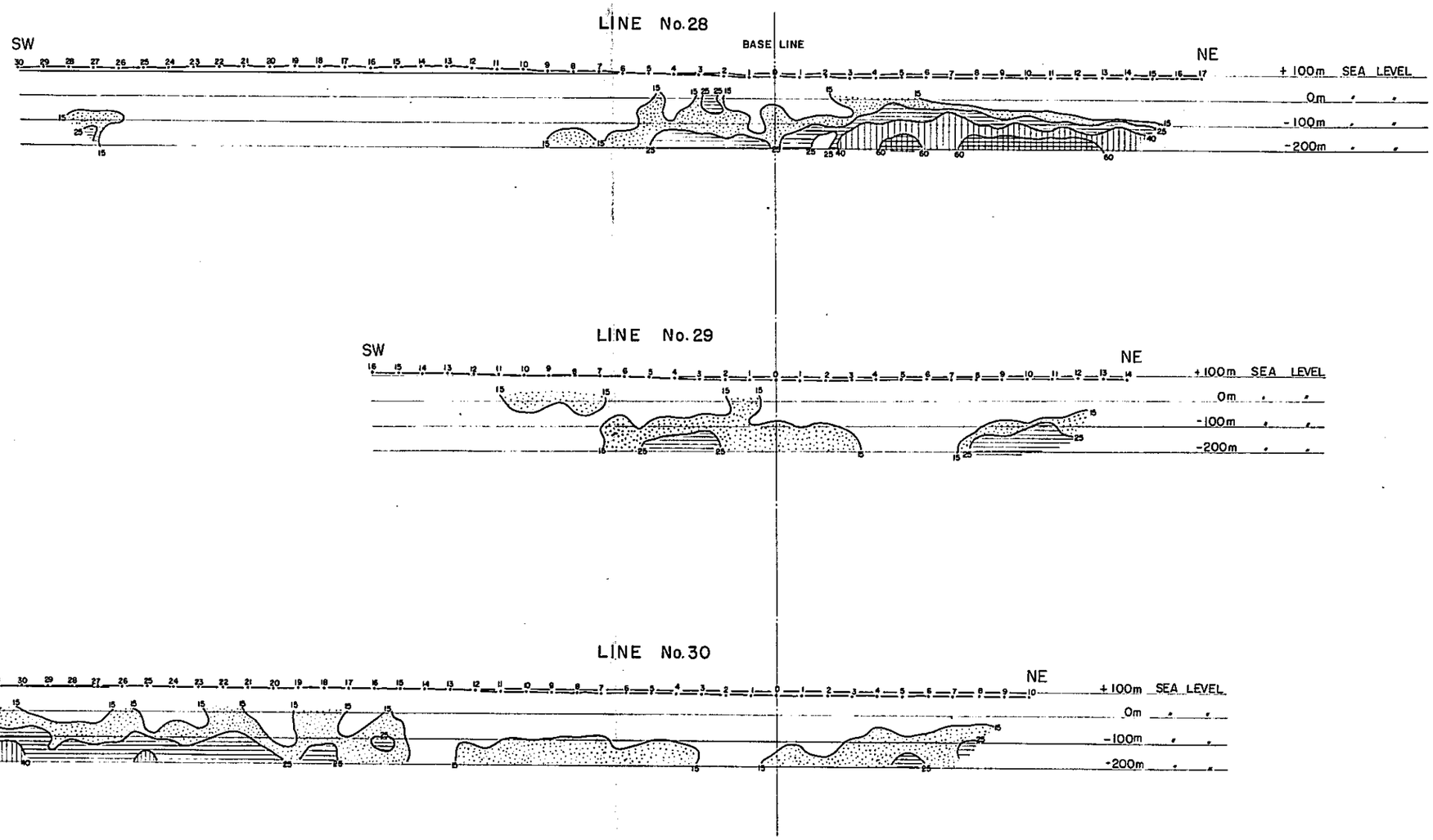
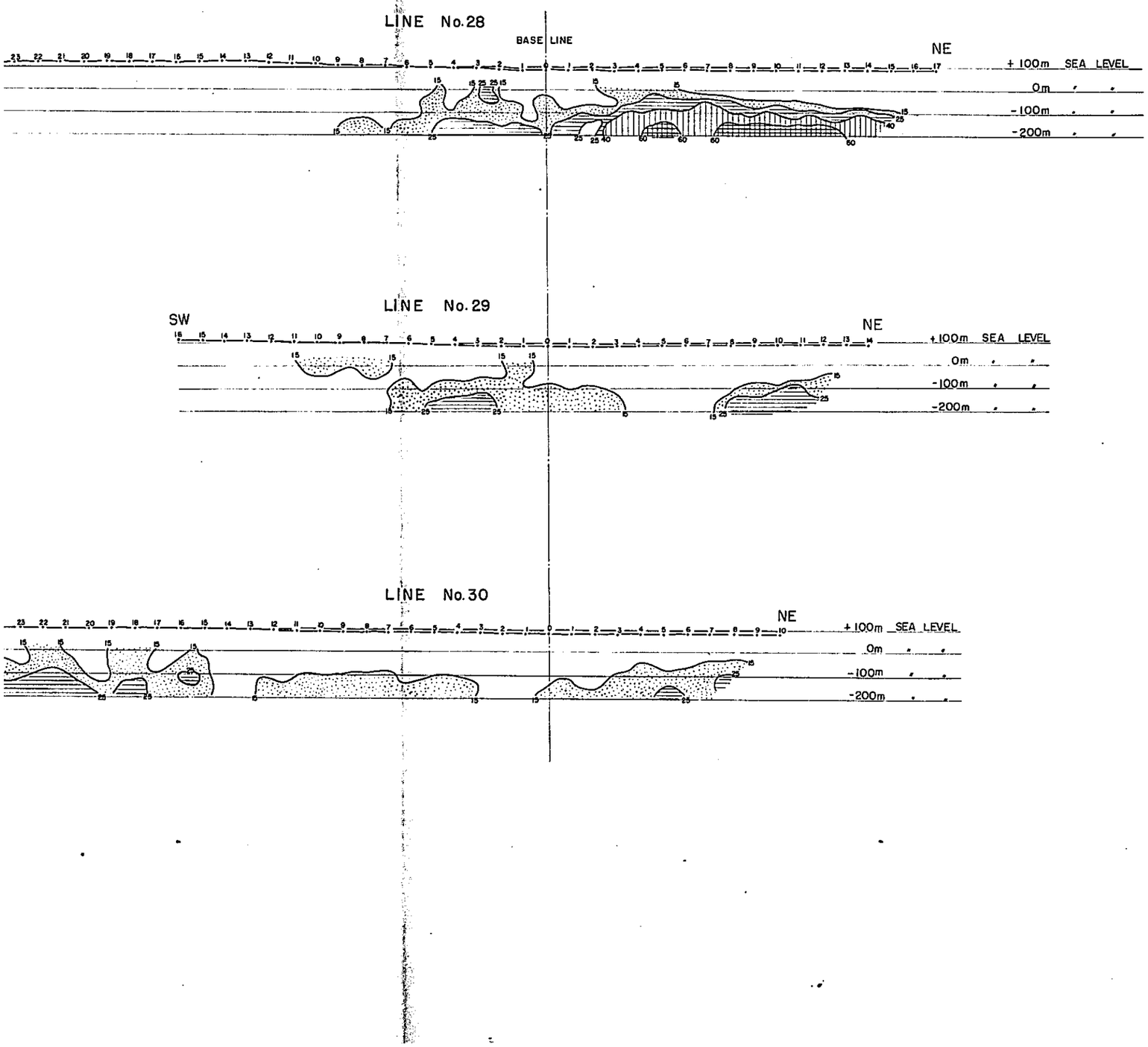
LEGEND

- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- OVER 100

PL.II-2-12 PANEL DIAGRAM OF MF DISTRIBUTION (4)



-2-12 PANEL DIAGRAM OF MF DISTRIBUTION (4)

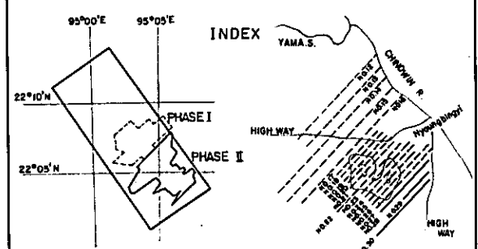


PL.II-2-12

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

PANEL DIAGRAM OF MF
Line No.28~No.30

Scale 1:10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

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LEGEND

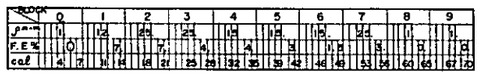
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

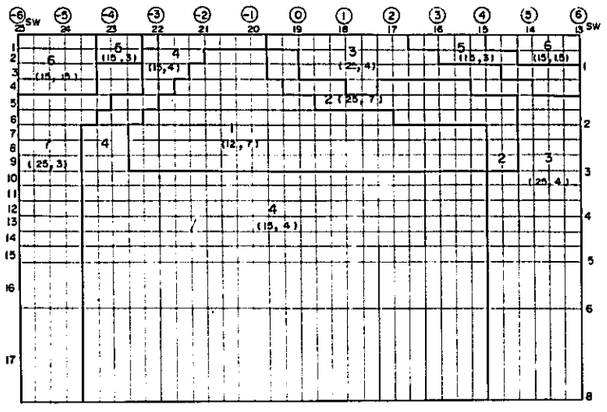
PL Ⅱ-3-1 IP SIMULATION RESULTS

LINE NO. 17

SELECTED IP MODEL

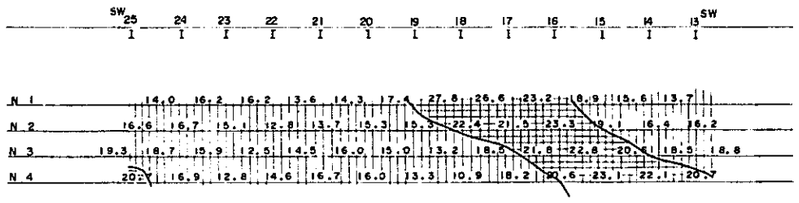
RELATIVE RESISTIVITY & FE GIVEN TO THE MODEL



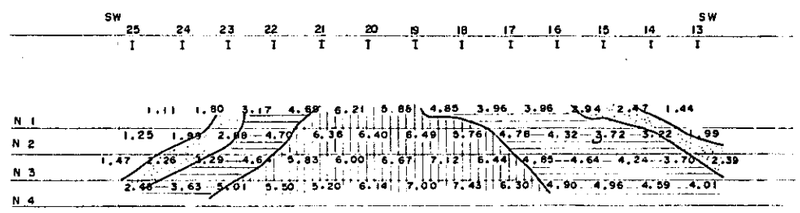


RESULT FROM THE MODEL

DIPOLE -DIPOLE APPARENT REGISTIVITY IN Ω-m

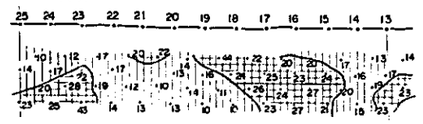


DIPOLE -DIPOLE FREQ. EFFECT IN %

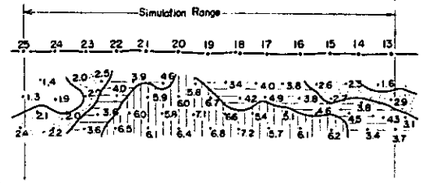


FIELD RESULT

AR



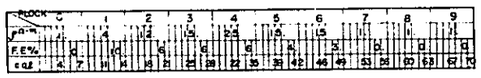
FE

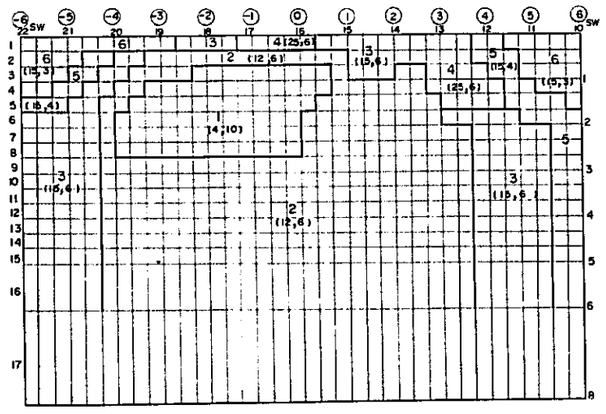


LINE NO. 18

SELECTED IP MODEL

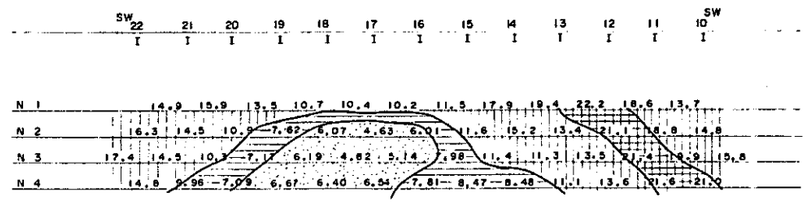
RELATIVE RESISTIVITY & FE GIVEN TO THE MODEL



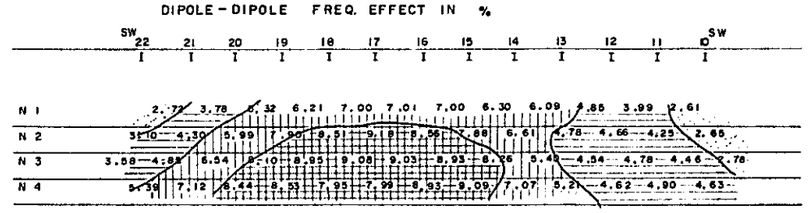


RESULT FROM THE MODEL

DIPOLE - DIPOLE APPARENT REGISTIVITY IN Ω -m

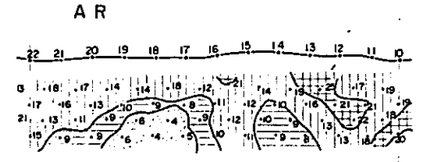


DIPOLE - DIPOLE FREQ. EFFECT IN %

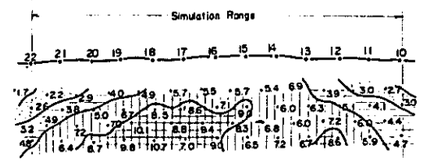


FIELD RESULT

AR



FE



LEGEND

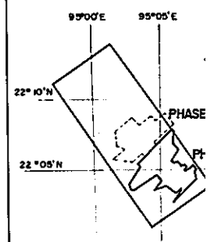
AR
- Less
- 7Ω m ~
- 10Ω m ~
- 20Ω m
- Over

FE
- 2% ~
- 3% ~
- 5% ~
- Over

Example
(4 , 6) A

GEOLOGIC
MONYWA AREA
(P

IP SIMU
LINE N



METAL MINING AGE
OVERSEAS TECHNIC
GOVERNMENT OF J
SEPTE

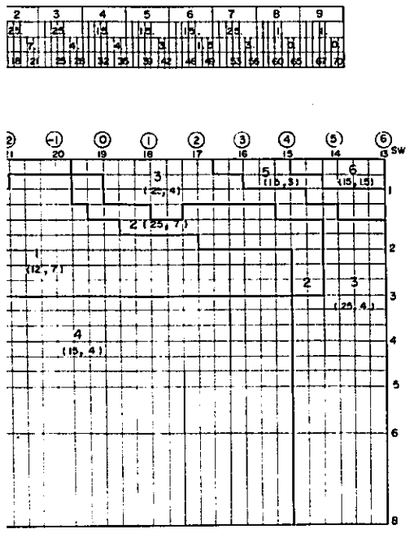
Prepared by MITSUI KIN

PL II-3-1 IP SIMULATION RESULTS

LINE NO. 17

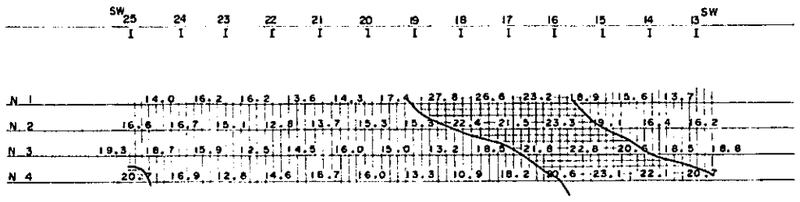
) IP MODEL

STIVITY & FE GIVEN TO THE MODEL

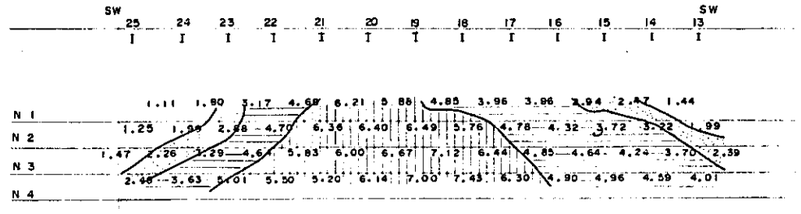


RESULT FROM THE MODEL

DIPOLE -DIPOLE APPARENT REGISTIVITY IN Ω-m

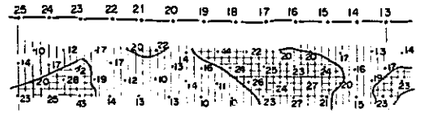


DIPOLE -DIPOLE FREQ. EFFECT IN %

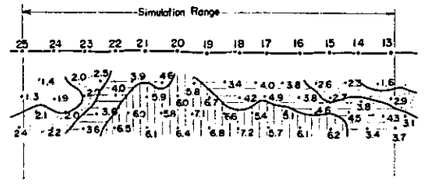


FIELD RESULT

AR



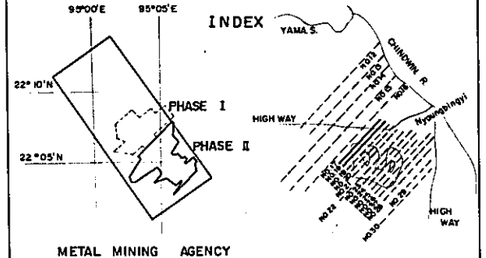
FE



PL. II-3-1

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

IP SIMULATION RESULTS
LINE NO.17 & NO. 18



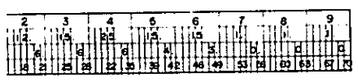
METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD

LINE NO. 18

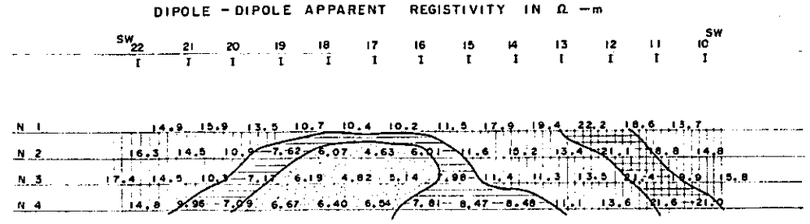
'ED IP MODEL

RESISTIVITY & FE GIVEN TO THE MODEL

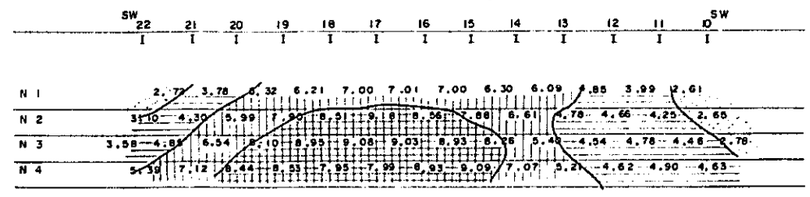


RESULT FROM THE MODEL

DIPOLE - DIPOLE APPARENT REGISTIVITY IN Ω -m

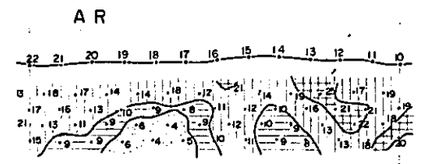


DIPOLE - DIPOLE FREQ. EFFECT IN %

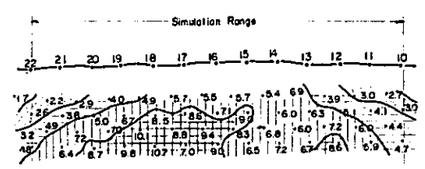


FIELD RESULT

AR



FE



LEGEND

AR

- Less 7Ω.m
- 7Ω.m ~ 10Ω.m
- 10Ω.m ~ 20Ω.m
- 20Ω.m ~ 50Ω.m
- Over 50Ω.m

FE

- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

Example

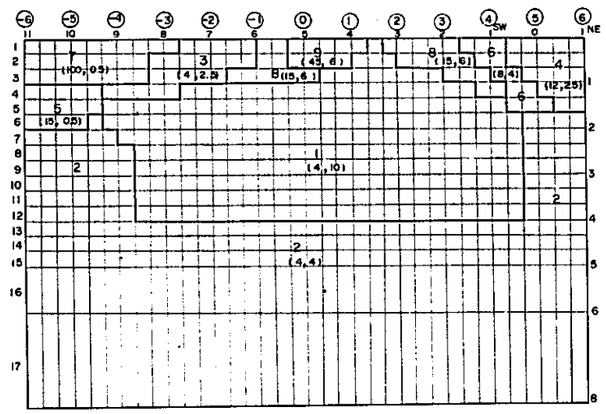
(4 , 6) AR 4 Ω-m , FE 6 %

PL II-3-2 IP SIMULATION RESULTS

LINE NO. 22

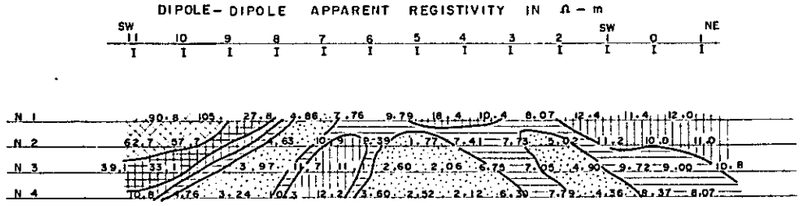
SELECTED IP MODEL

RELATIVE RESISTIVITY & FE GIVEN TO THE MODEL

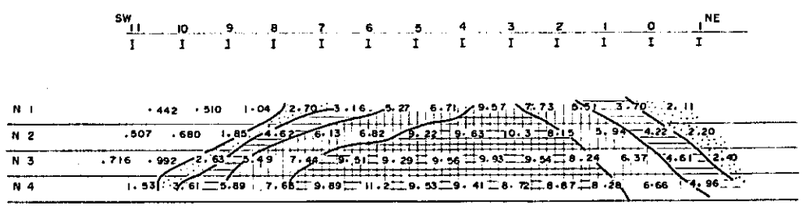


RESULT FROM THE MODEL

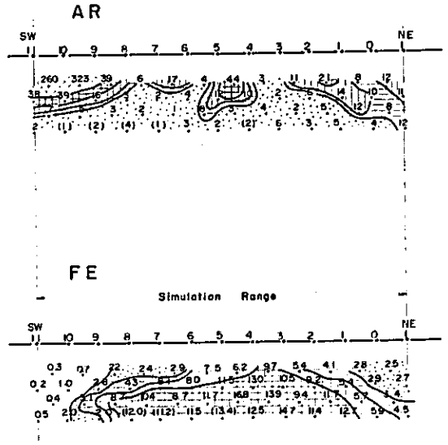
DIPOLE-DIPOLE APPARENT REGISTIVITY IN Ω-m



DIPOLE-DIPOLE FREQ. EFFECT IN %

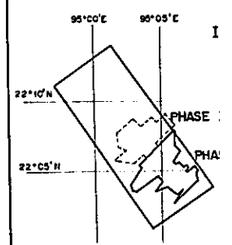


FIELD RESULT



GEOLOGICAL
MONYWA AREA
(PHA

IP SIMULA
LINE NO



METAL MINING AGENC
OVERSEAS TECHNICA
GOVERNMENT OF JA
SEPTEM

Prepared by MITSUI KYU

LEGEND

AR
Less
7Ωm
10Ωm
20Ω
Over

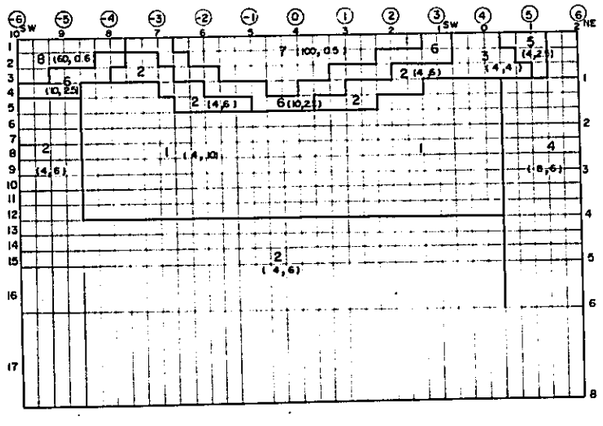
FE
2%
3%
5%
Ove

Example
(4.6) AR

LINE NO. 23

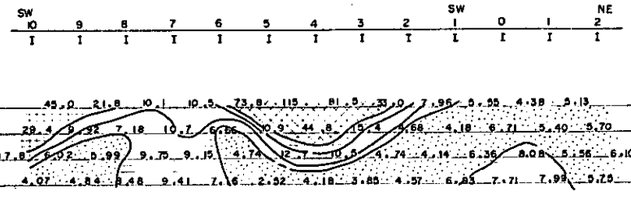
SELECTED IP MODEL

RELATIVE RESISTIVITY & FE GIVEN TO THE MODEL

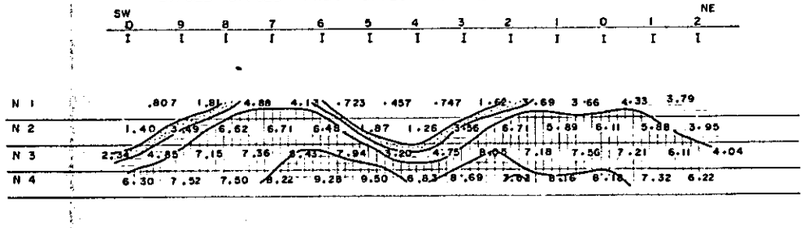


RESULT FROM THE MODEL

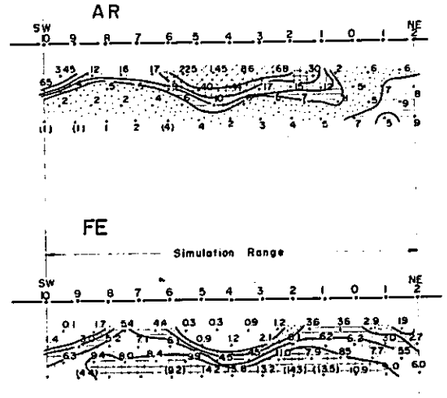
DIPOLE-DIPOLE APPARENT REGISTIVITY IN Ω-m



DIPOLE-DIPOLE FREQ EFFECT IN %



FIELD RESULT

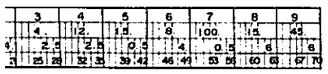


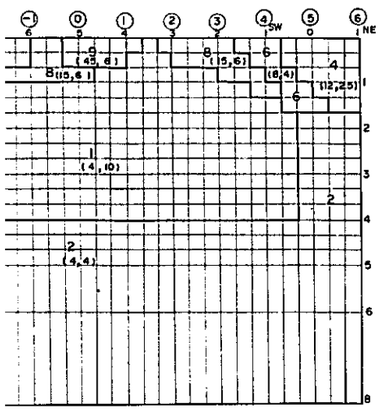
PL II-3-2 IP SIMULATION RESULTS

LINE NO. 22

IP MODEL

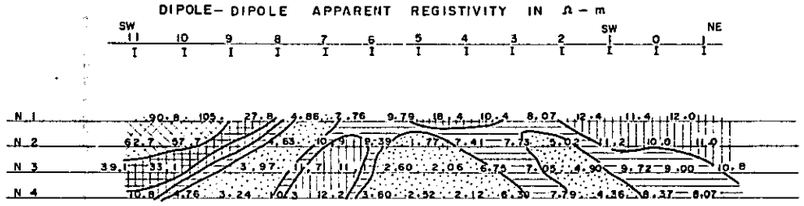
IVITY & FE GIVEN TO THE MODEL



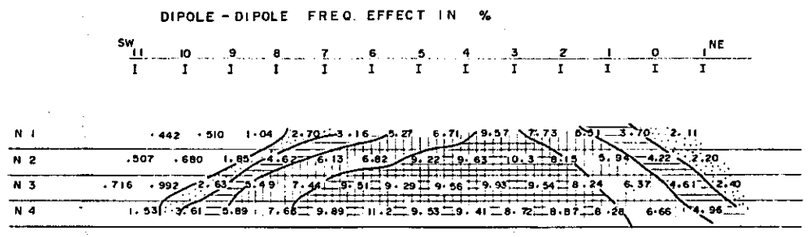


RESULT FROM THE MODEL

DIPOLE-DIPOLE APPARENT REGISTIVITY IN Ω-m

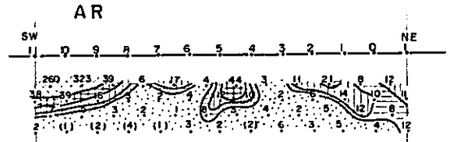


DIPOLE-DIPOLE FREQ. EFFECT IN %

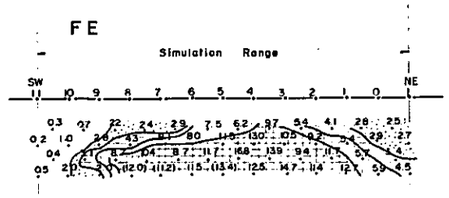


FIELD RESULT

AR



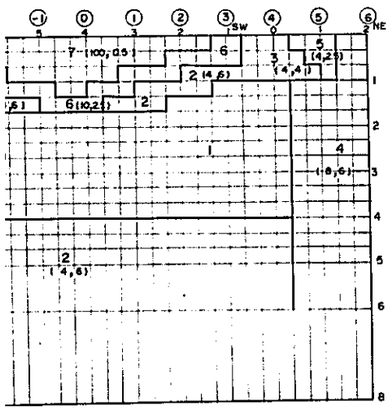
FE



LINE NO. 23

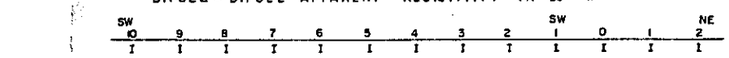
D IP MODEL

SISTIVITY & FE GIVEN TO THE MODEL

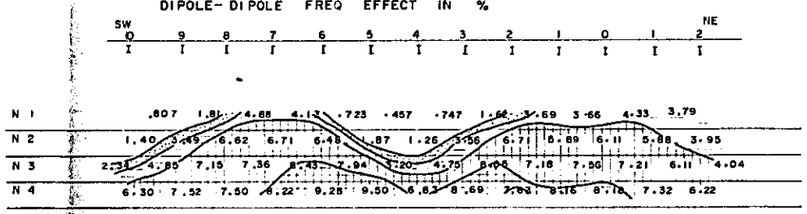


RESULT FROM THE MODEL

DIPOLE-DIPOLE APPARENT REGISTIVITY IN Ω-m

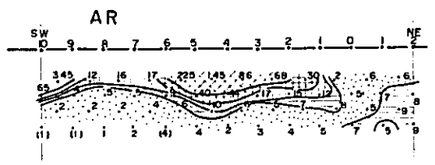


DIPOLE-DIPOLE FREQ EFFECT IN %

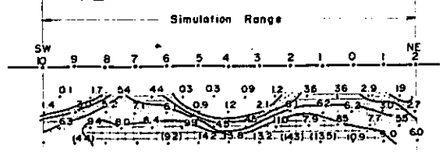


FIELD RESULT

AR



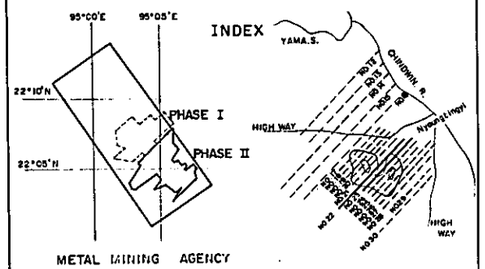
FE



PL II-3-2

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

IP SIMULATION RESULTS
LINE NO. 22 & NO. 23



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

LEGEND

AR
- Less 7 Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

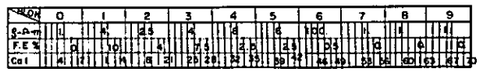
Example
(4.6) AR 4Ω-m. FE 6 %

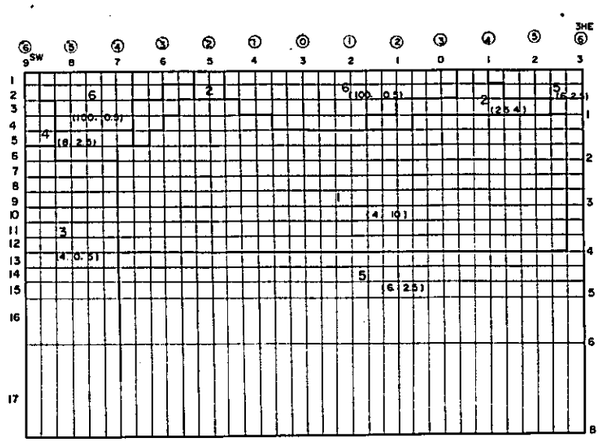
PL-II-3-3 IP SIMULATION RESULTS

LINE NO. 26

SELECTED IP MODEL

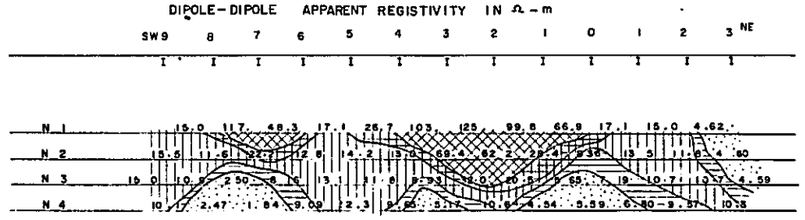
RELATIVE RESISTIVITY & FE GIVEN To THE MODEL



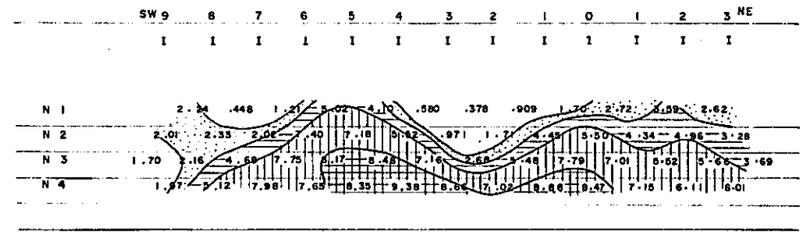


RESULT FROM THE MODEL

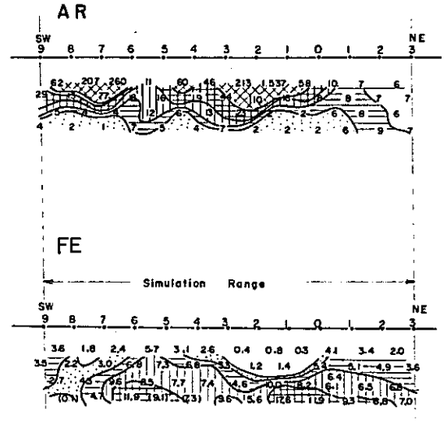
DIPOLE-DIPOLE APPARENT REGISTIVITY IN Ω-m



DIPOLE-DIPOLE FREQ. EFFECT IN %



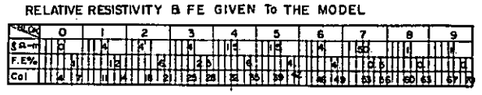
FIELD RESULT

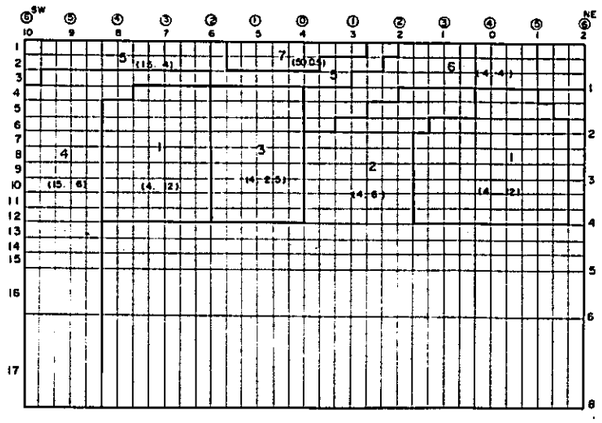


LINE NO. 27

SELECTED IP MODEL

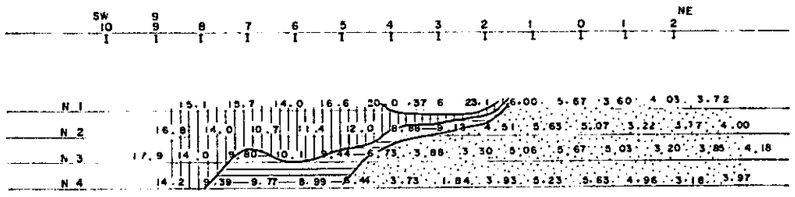
RELATIVE RESISTIVITY & FE GIVEN To THE MODEL



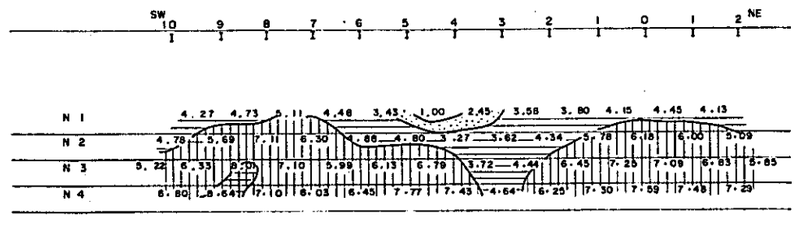


RESULT FROM THE MODEL

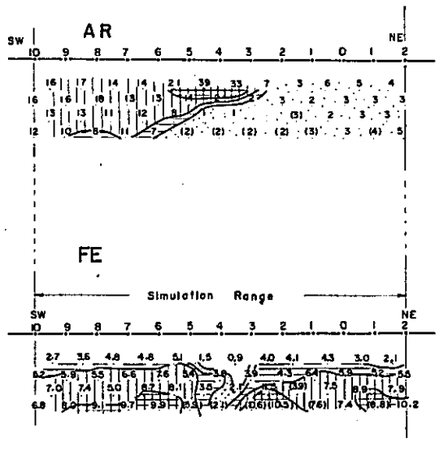
DIPOLE - DIPOLE APPARENT REGISTIVITY IN Ω - m



DIPOLE - DIPOLE FREQUENCY EFECT IN %

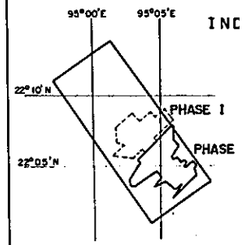


FIELD RESULT



GEOLOGICAL
MONYWA AREA
(PHASI

IP SIMULATI
LINE NO. 2(



METAL MINING AGENCY
OVERSEAS TECHNICAL
GOVERNMENT OF JAPAN
SEPTEMBE

Prepared by MITSI KINZOKU

LEGEND

AR
- Less 7Ωm
- 7Ωm ~10Ω
- 10Ωm ~ 20
- 20Ωm ~ 50
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

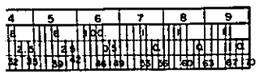
Example
(4, 6) AR Ω

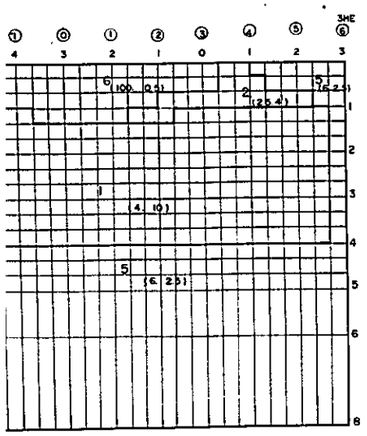
PL-II-3-3 IP SIMULATION RESULTS

LINE NO. 26

P MODEL

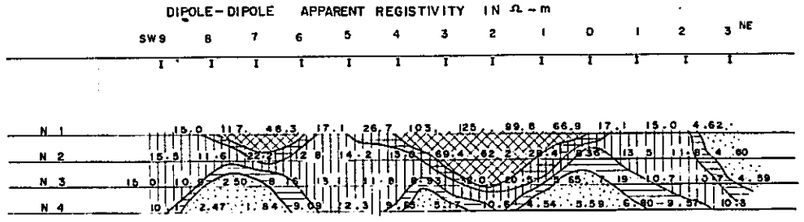
IVEN To THE MODEL



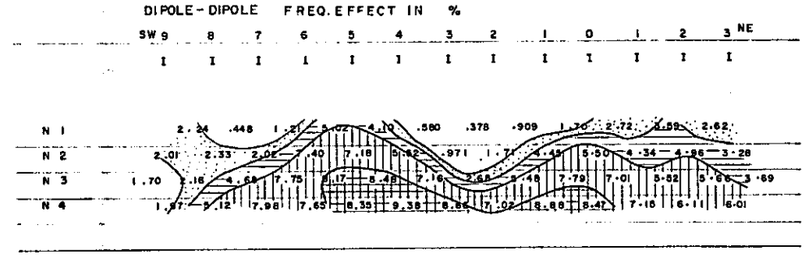


RESULT FROM THE MODEL

DIPOLE-DIPOLE APPARENT REGISTIVITY IN Ω-m

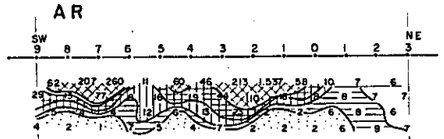


DIPOLE-DIPOLE FREQ. EFFECT IN %

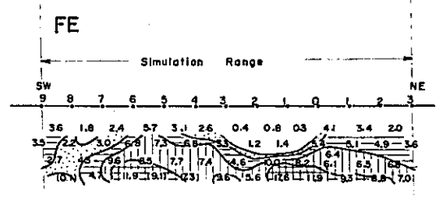


FIELD RESULT

AR



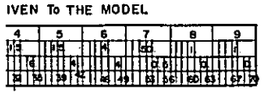
FE

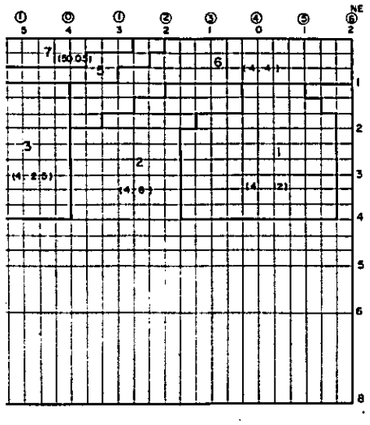


LINE NO. 27

IP MODEL

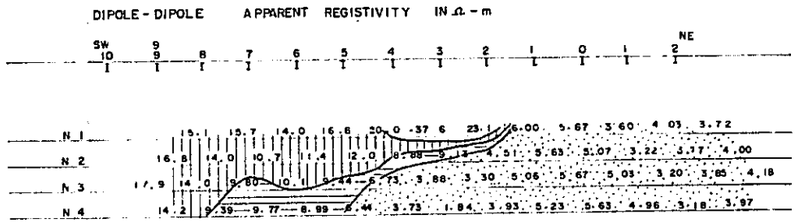
IVEN To THE MODEL



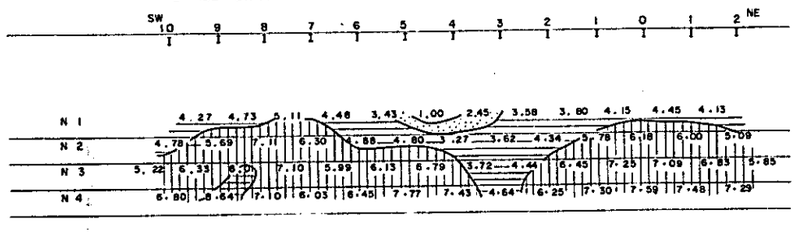


RESULT FROM THE MODEL

DIPOLE-DIPOLE APPARENT REGISTIVITY IN Ω-m

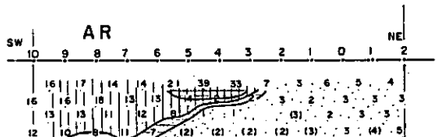


DIPOLE-DIPOLE FREQUENCY EFECT IN %

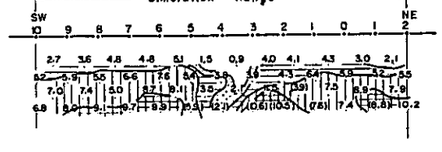


FIELD RESULT

AR



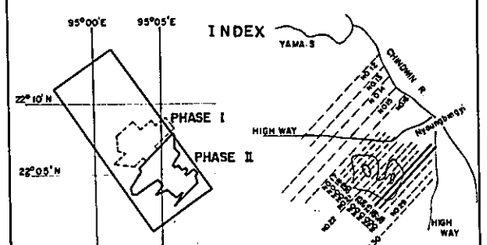
FE



PL. II-3-3

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

IP SIMULATION RESULTS
LINE NO. 26 & NO. 27



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSI KINZOKU ENGINEERING SERVICE CO., LTD.

LEGEND

AR
- Less 7Ω-m
- 7Ω-m ~ 10Ω-m
- 10Ω-m ~ 20Ω-m
- 20Ω-m ~ 50Ω-m
- Over 50Ω-m

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

Example

(4 , 6) AR Ω-m , FE 6 %

PL-Ⅱ-4-1 IP MODELS BY SIMULATION

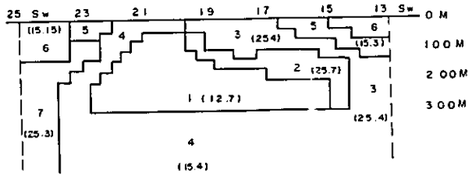
IN CONTRAST WITH FIELD FE DATA 1:10,000

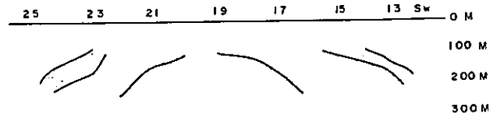
MOST PROBABLE MODEL IN SIMULATION

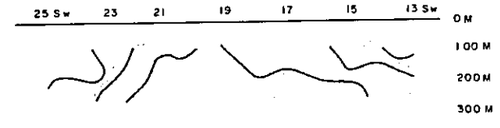
FE PATTERN FROM SIMULATION

FE PATTERN FROM FIELD DATA

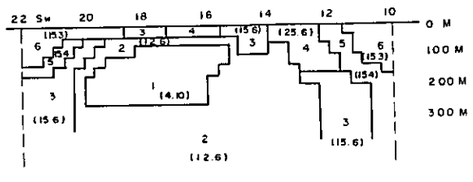
LINE NO.17

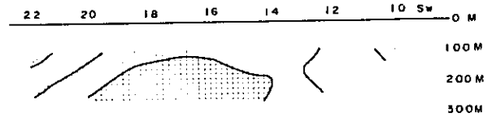


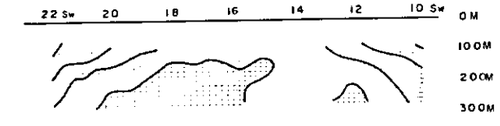




L-18







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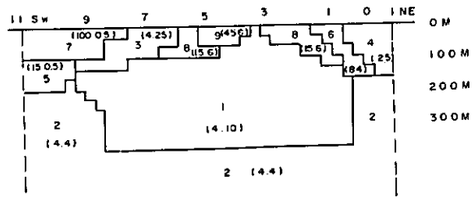

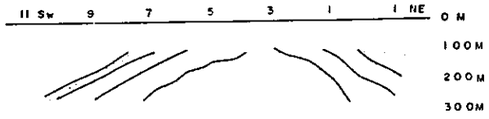

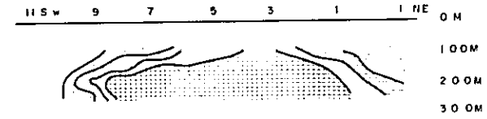

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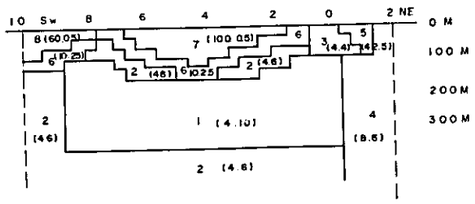

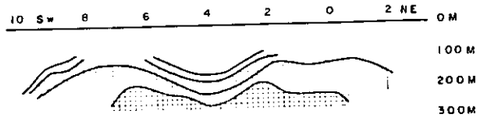

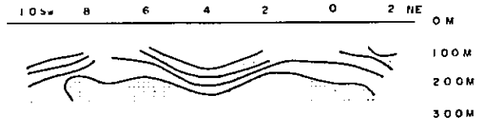

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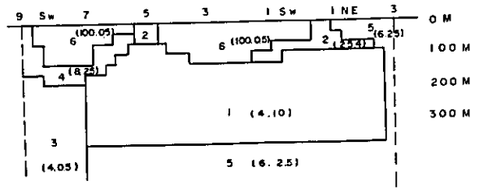

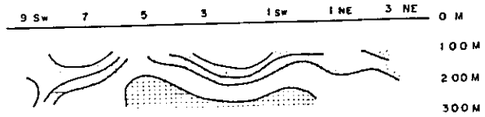

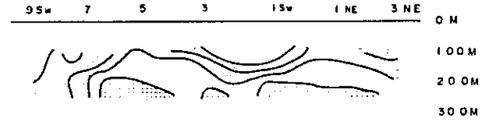

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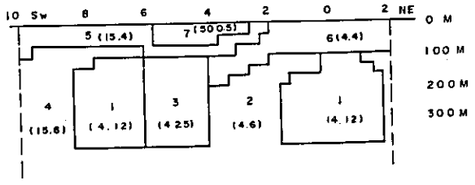

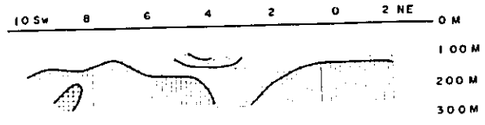

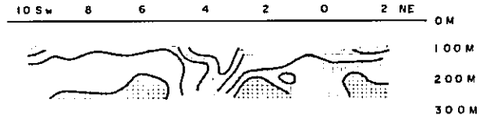

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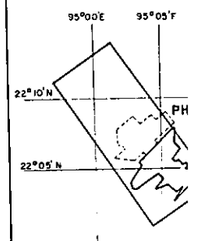
(15.6) AR

GEOLOGI
MONYWA ARI
(
IP MODELS
IN CON
FIEL



METAL MINING A
OVERSEAS TECHN
GOVERNMENT OF
SEI
Prepared by MITSUI

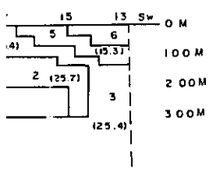
·I IP MODELS BY SIMULATION

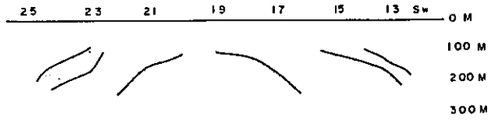
IN CONTRAST WITH FIELD FE DATA 1:10,000

.ATION

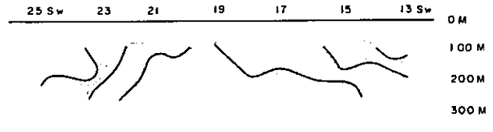
FE PATTERN FROM SIMULATION

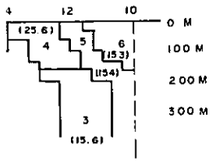
FE PATTERN FROM FIELD DATA

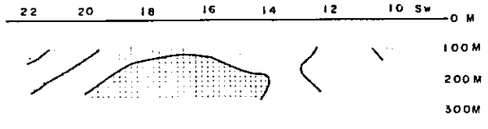




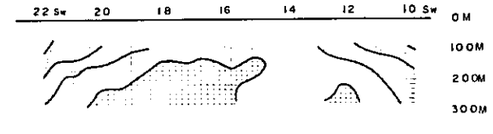
LINE NO. 17

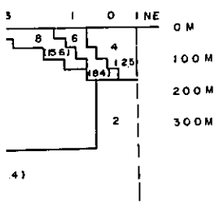


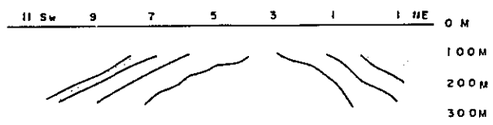




L – 18







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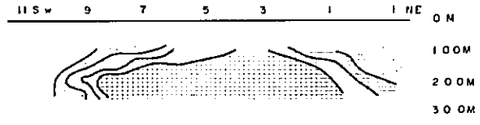

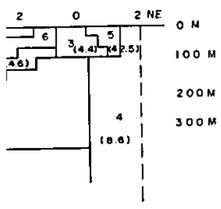

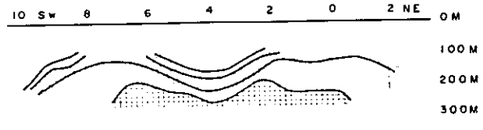

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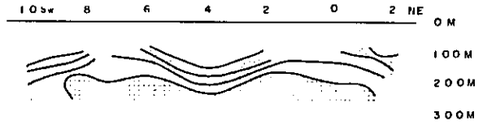

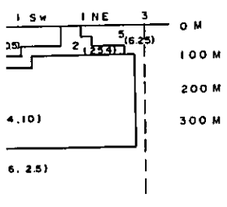

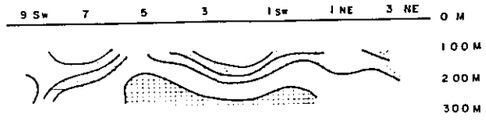

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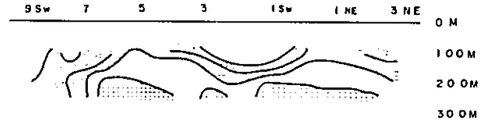

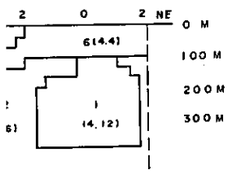

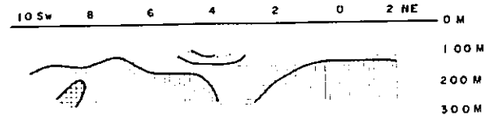

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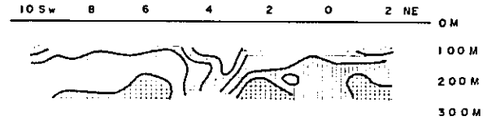
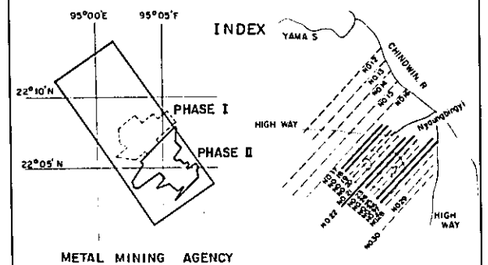


PL II-4-1

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

IP MODELS BY SIMULATION
IN CONTRAST WITH
FIELD FE DATA

Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD

LEGEND

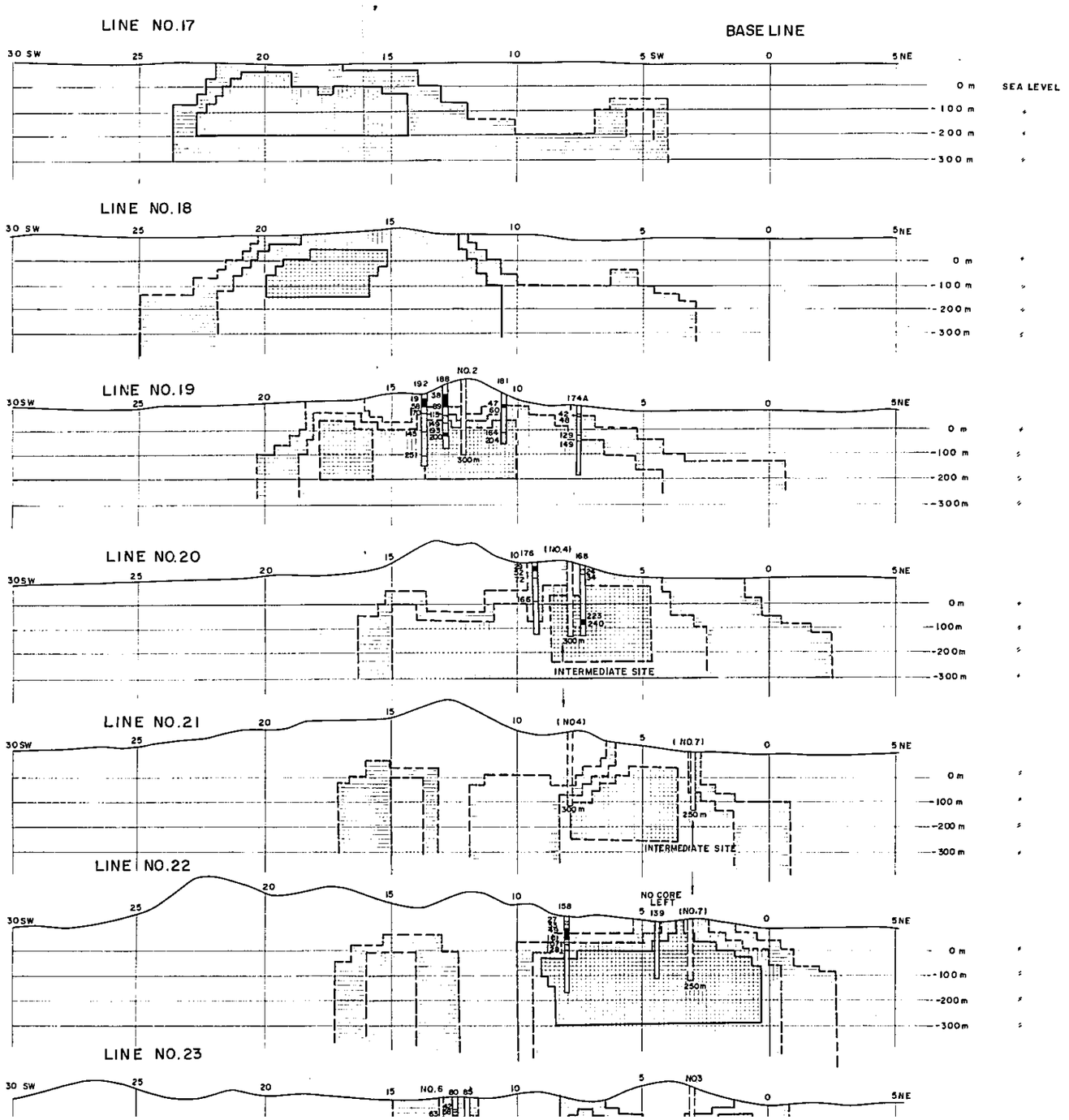
FE 2 % ~ 3 %
" 3 % ~ 5 %
" 5 % ~ 8 %
" OVER 8 %

(15.6) AR 15 Ω·m , FE 6%

PL. II-4-2 LETPADAUNG IP RESPONSE BODY IN PROFILES

S = 1 : 10.000

INFERRED FROM SIMULATION

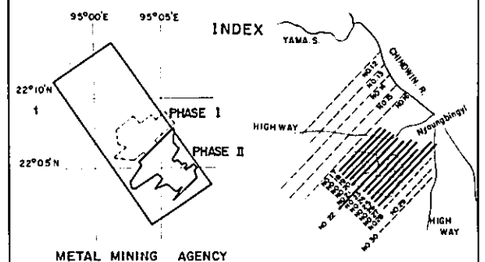


PL II-4-2

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

LETPADAUNG IP RESPONSE BODY IN PROFILES

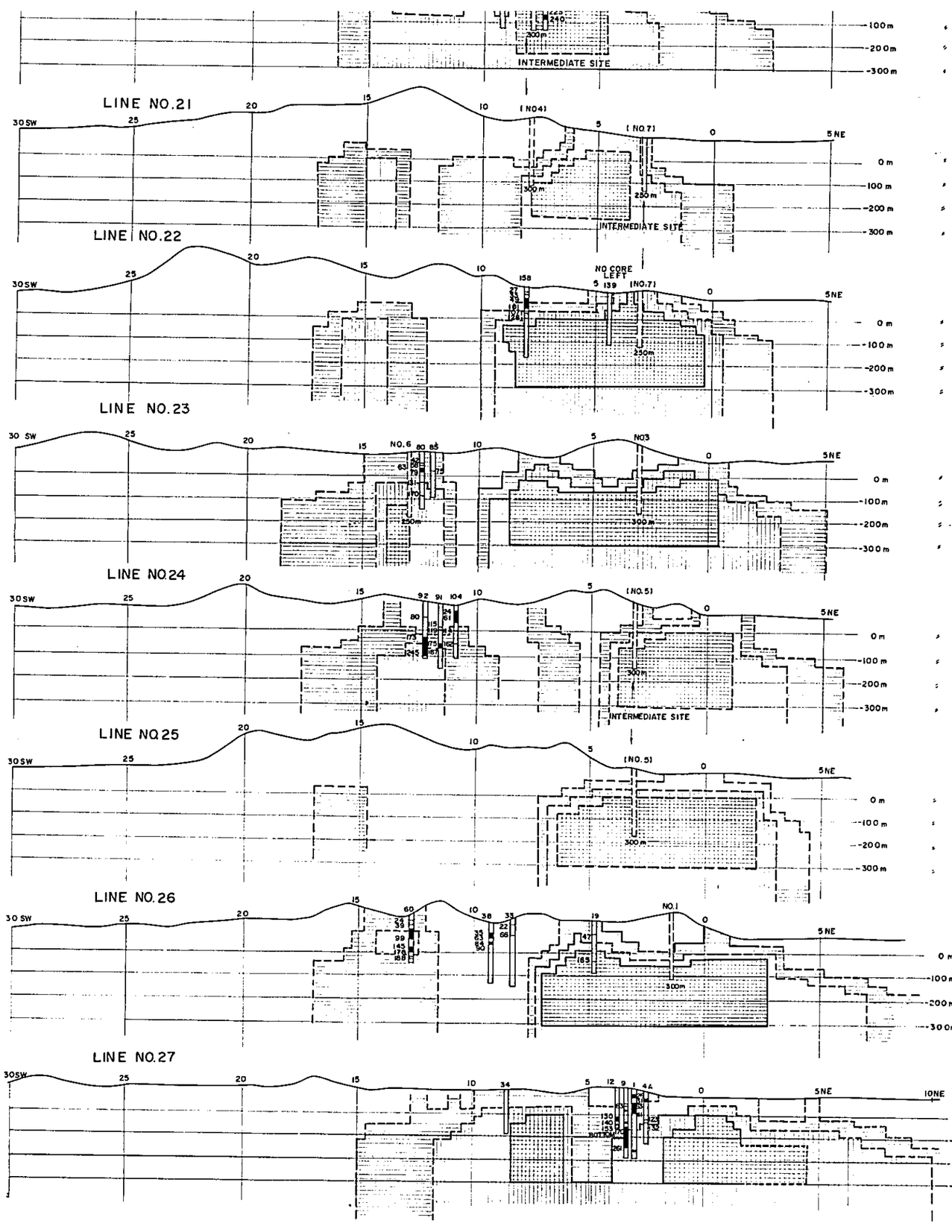
Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD



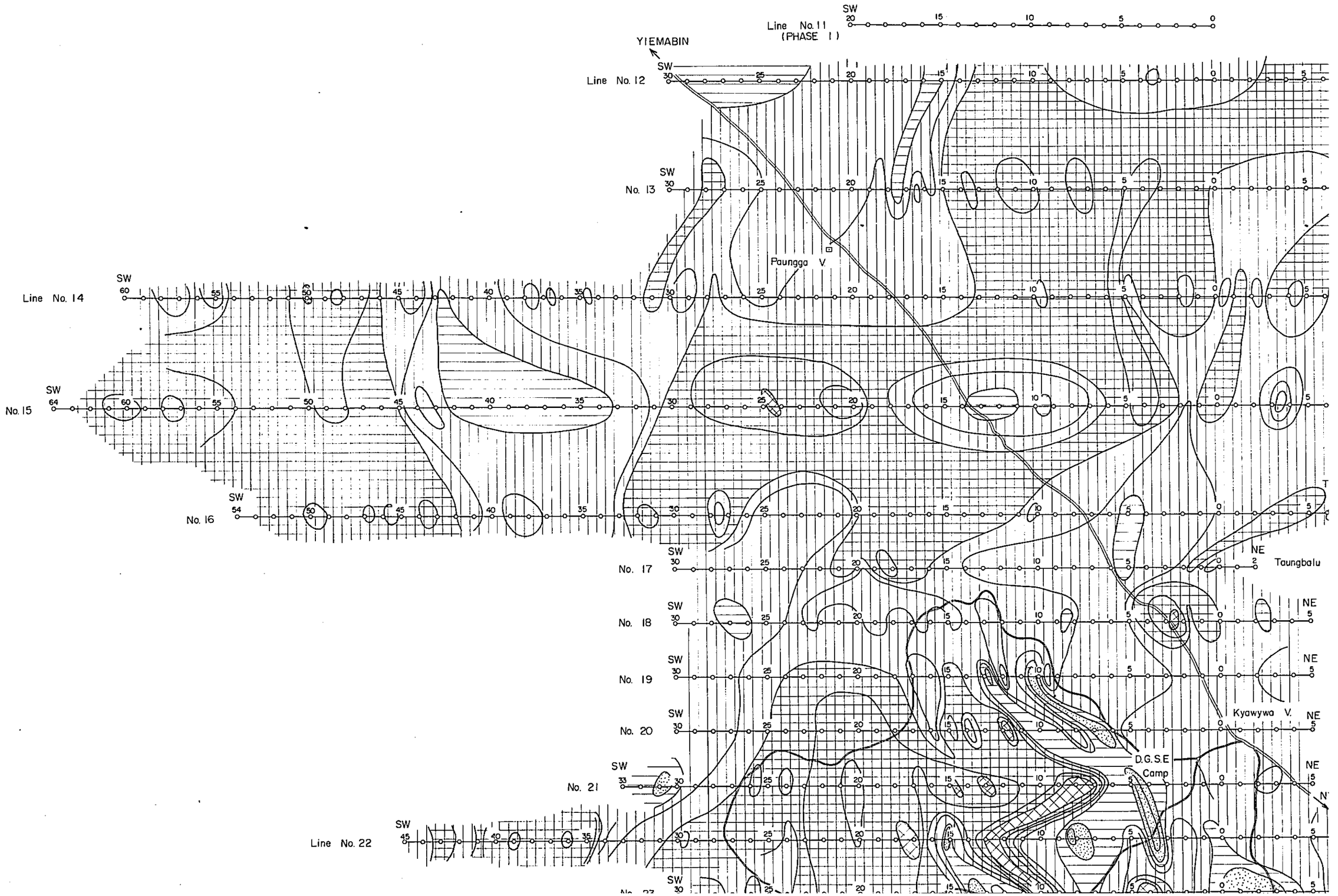
LEGEND

- FE RESPONSIUE BODY OVER 8%
- FE RESPONSIVE BODY 5~8 %
- FE RESPONSIVE BODY 3~5 %
- MODEL AFTER SIMULATION BY COMPUTER
- MODEL DRAWN BY ANALOGY WITH FIELD DATA
- 0.2%~0.5% Cu IN CORE-ASSAY
- OVER 0.5% Cu " "
- DRILLED HOLE SITE
- PROPOSED HOLE SITE

PL.II-5-1 PLAN OF APPARENT RESISTIVITY 0 m SEA

Scale 1 : 10,000

0 500 1,000 m



PL.II-5-1 PLAN OF APPARENT RESISTIVITY 0m SEA LEVEL

Scale 1 : 10,000

0 500 1,000m

Line No.11 (PHASE 1)

MABIN

Paungga V.

Ta-naunggon V.

E ~ gon V.

CHINDWIN RIVER

Thayagon V.

Taungbalu V.

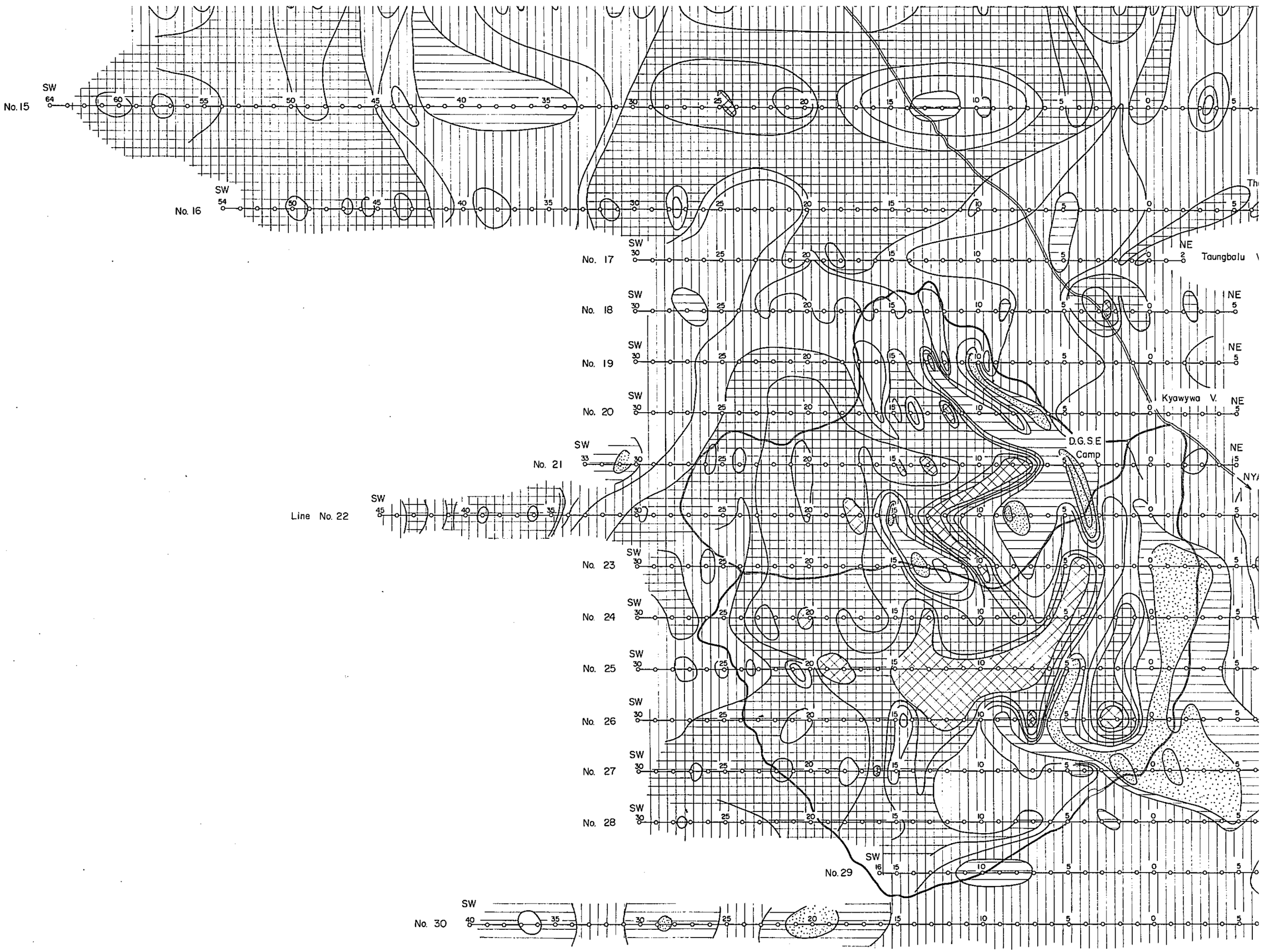
Kyawywa V.

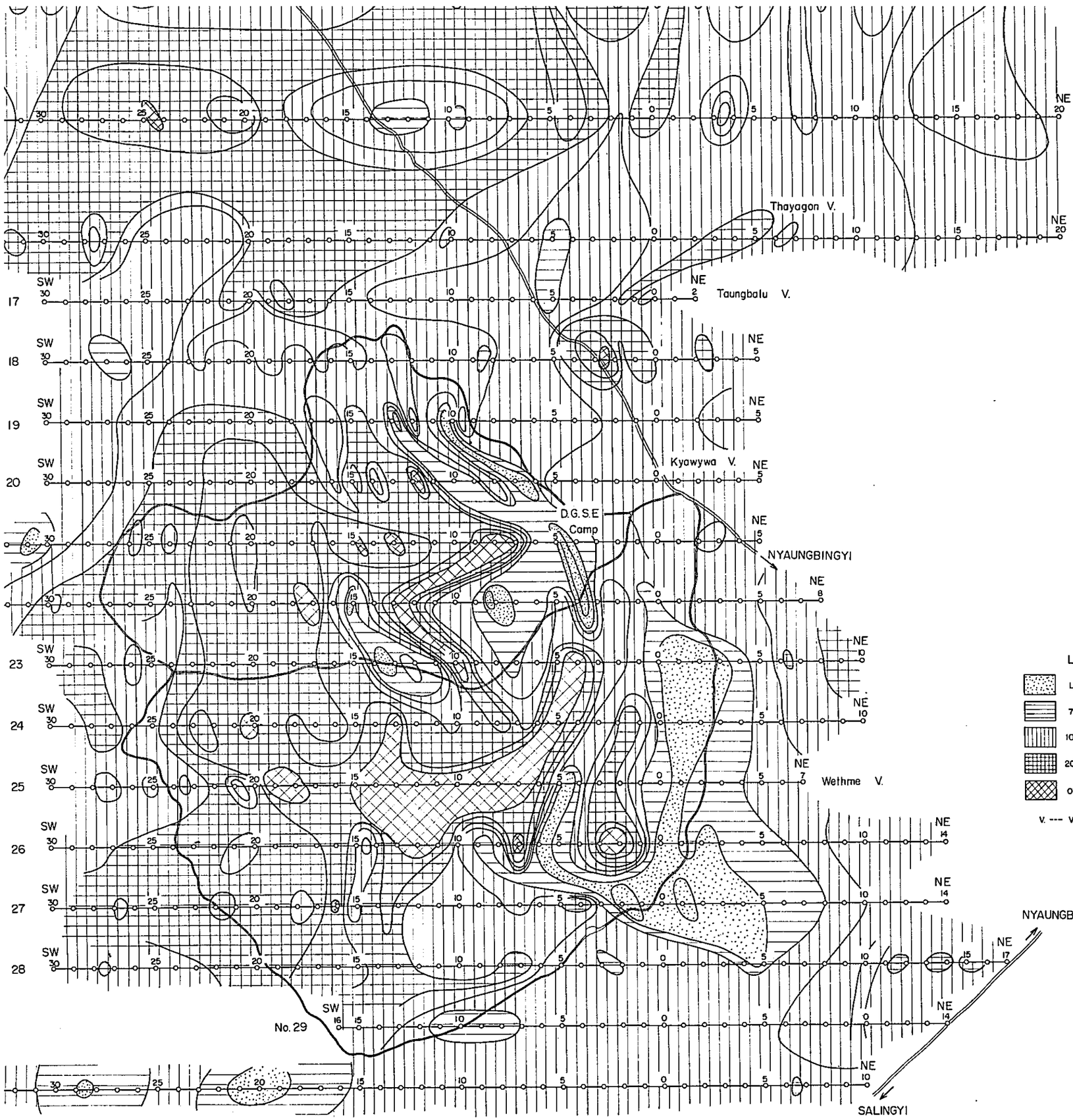
D.G.S.E Camp

NYAUNGBINGYI

PL.II-5-1

LEGEND


No. 15
No. 16
No. 17
No. 18
No. 19
No. 20
No. 21
No. 22
No. 23
No. 24
No. 25
No. 26
No. 27
No. 28
No. 29
No. 30
SW
NE
Taungbalu V.
Kyawywa V.
D.G.S.E Camp



LEGEND

- Less 7Ωm
- 7Ωm 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

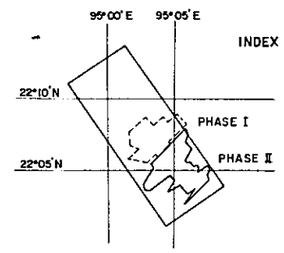
V. --- Village

PL. Ⅱ-5-1

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

PLAN OF AR : 0m SEA LEVEL

Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

PL. II-5-2 PLAN OF APPARENT RESISTIVITY -100 m SEA

Scale 1 : 10,000

0 500 1,000m

YIEMABIN

Line No. 11 (PHASE I)

Line No. 12

No. 13

Line No. 14

No. 15

No. 16

No. 17

No. 18

No. 19

No. 20

No. 21

Line No. 22

Paungga V.

Taungbal

Kyawywa V.

D.G.S.E Camp

SW

NE

PL. II-5-2 PLAN OF APPARENT RESISTIVITY -100 m SEA LEVEL

Scale 1 : 10,000

0 500 1,000m

Line No. 11 (PHASE I)

YIEMABIN

CHINDWIN RIVER

Ta ~ naunggon V.

E ~ gon V.

Paunggo V.

Thayagon V.

Taungbalu V.

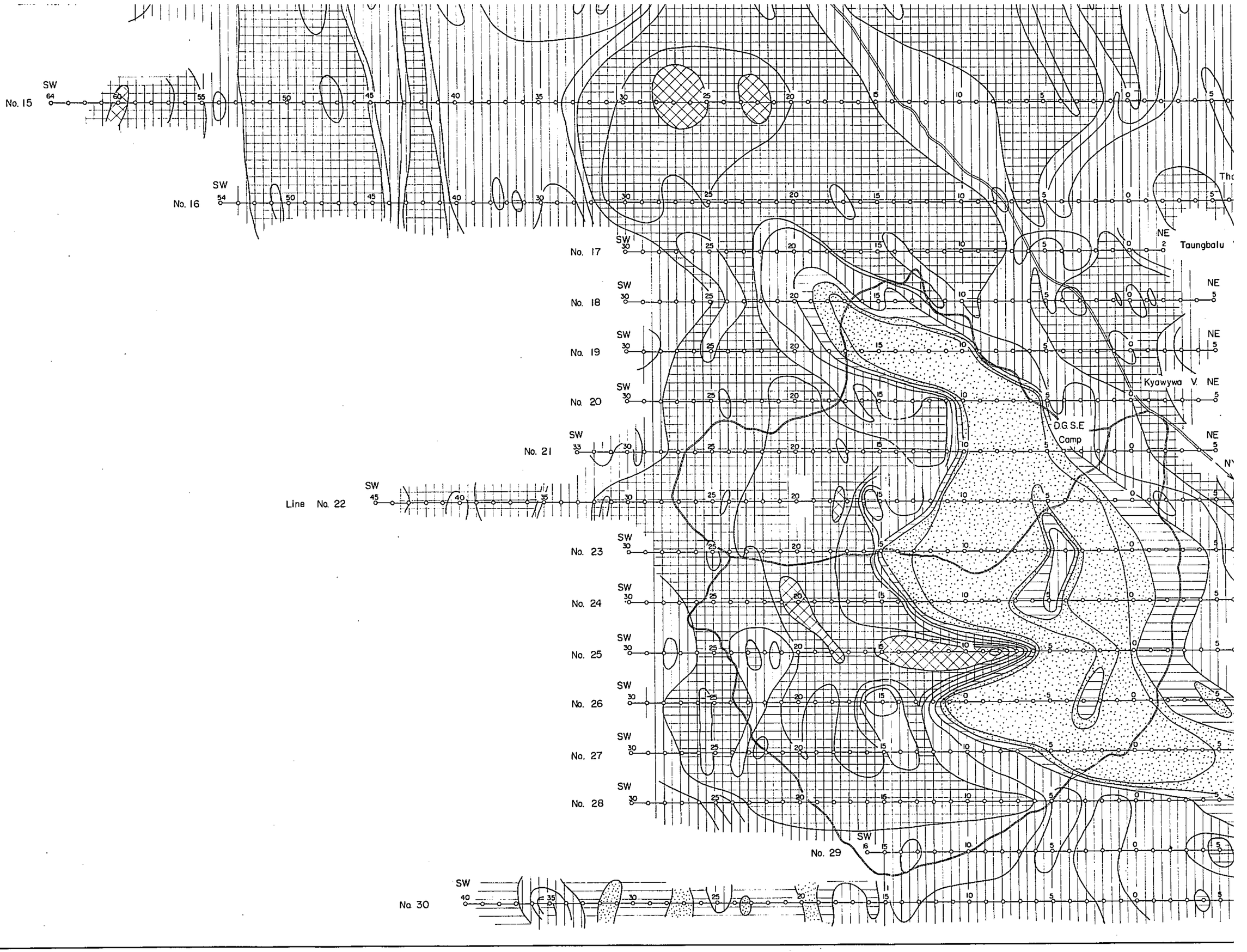
Kyawywa V.

D.G.S.E Camp

NYAUNGBINGYI

LEGEND

PL. II-5-2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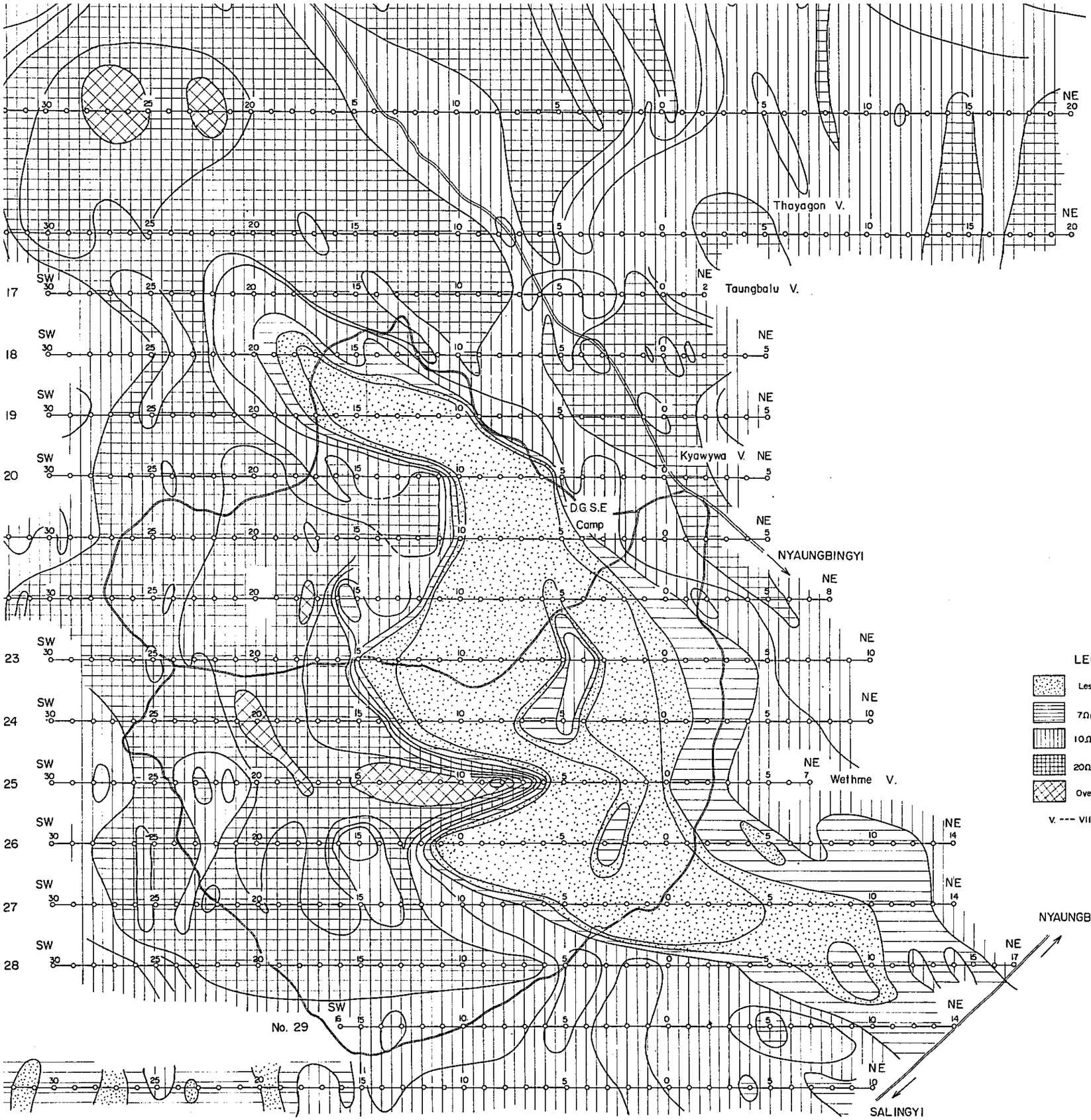
No. 16
No. 17
No. 18
No. 19
No. 20
No. 21
Line No. 22
No. 23
No. 24
No. 25
No. 26
No. 27
No. 28
No. 29
No. 30
SW
NE
Taungbalu
Kyawywa V.
D.G.S.E
Camp



LEGEND

- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

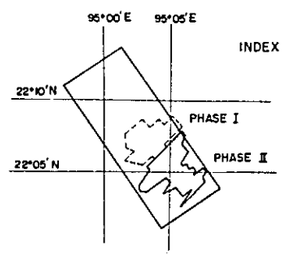
V. --- Village

PL. II-5-2

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PLAN OF AR:-100m SEA LEVEL

Scale 1 10,000



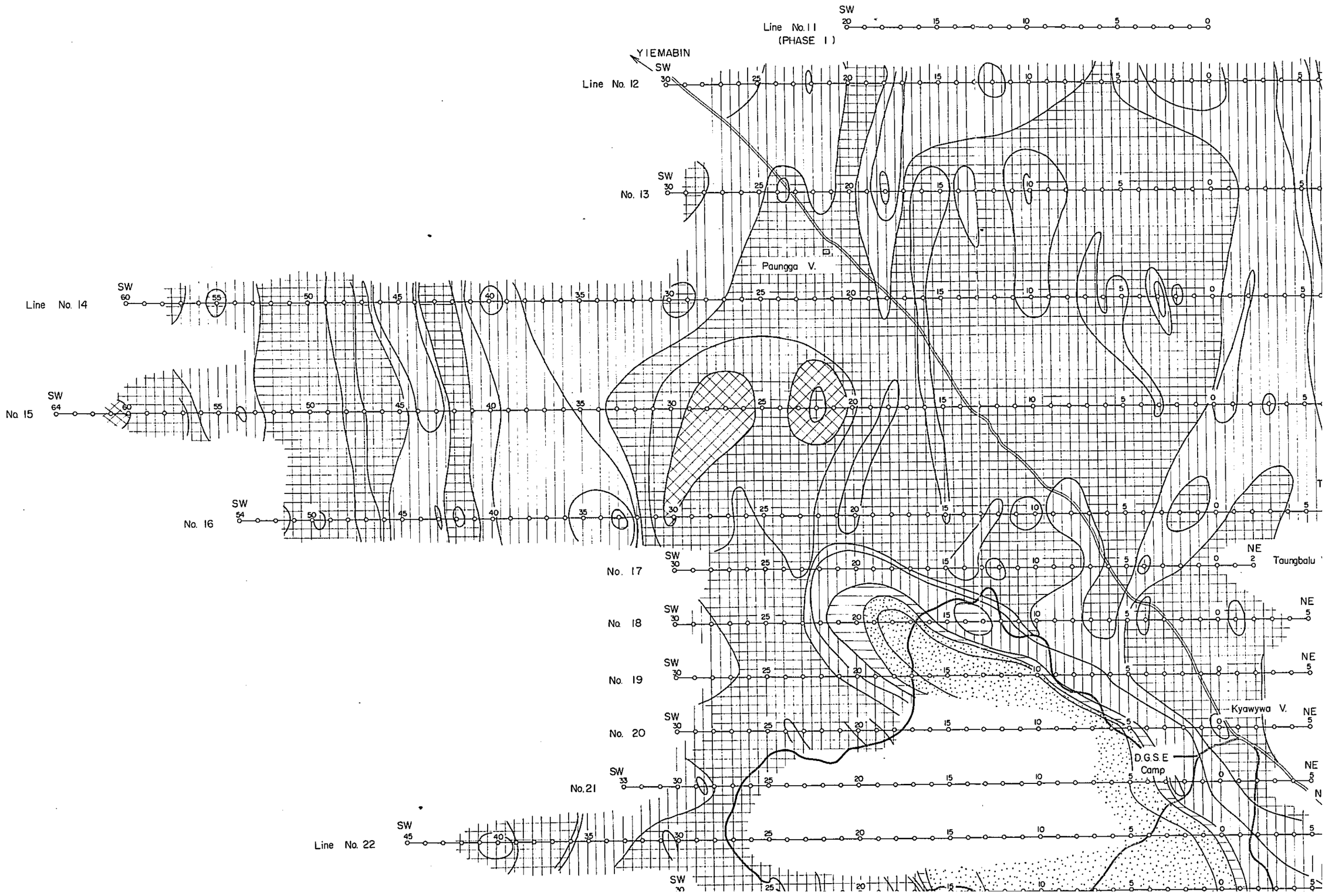
METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

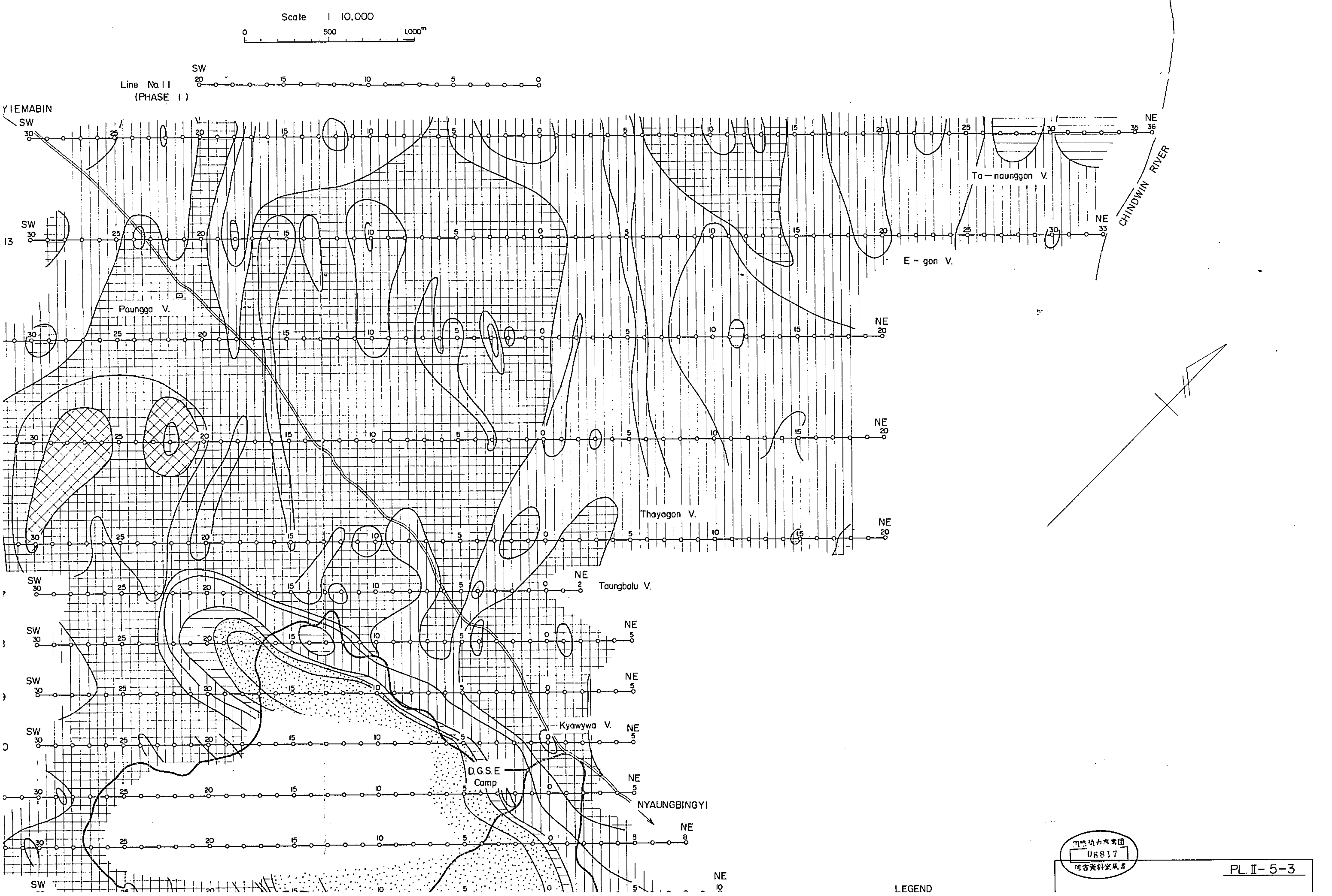
PL. II-5-3 PLAN OF APPARENT RESISTIVITY −200 m SEA L

Scale 1 10,000

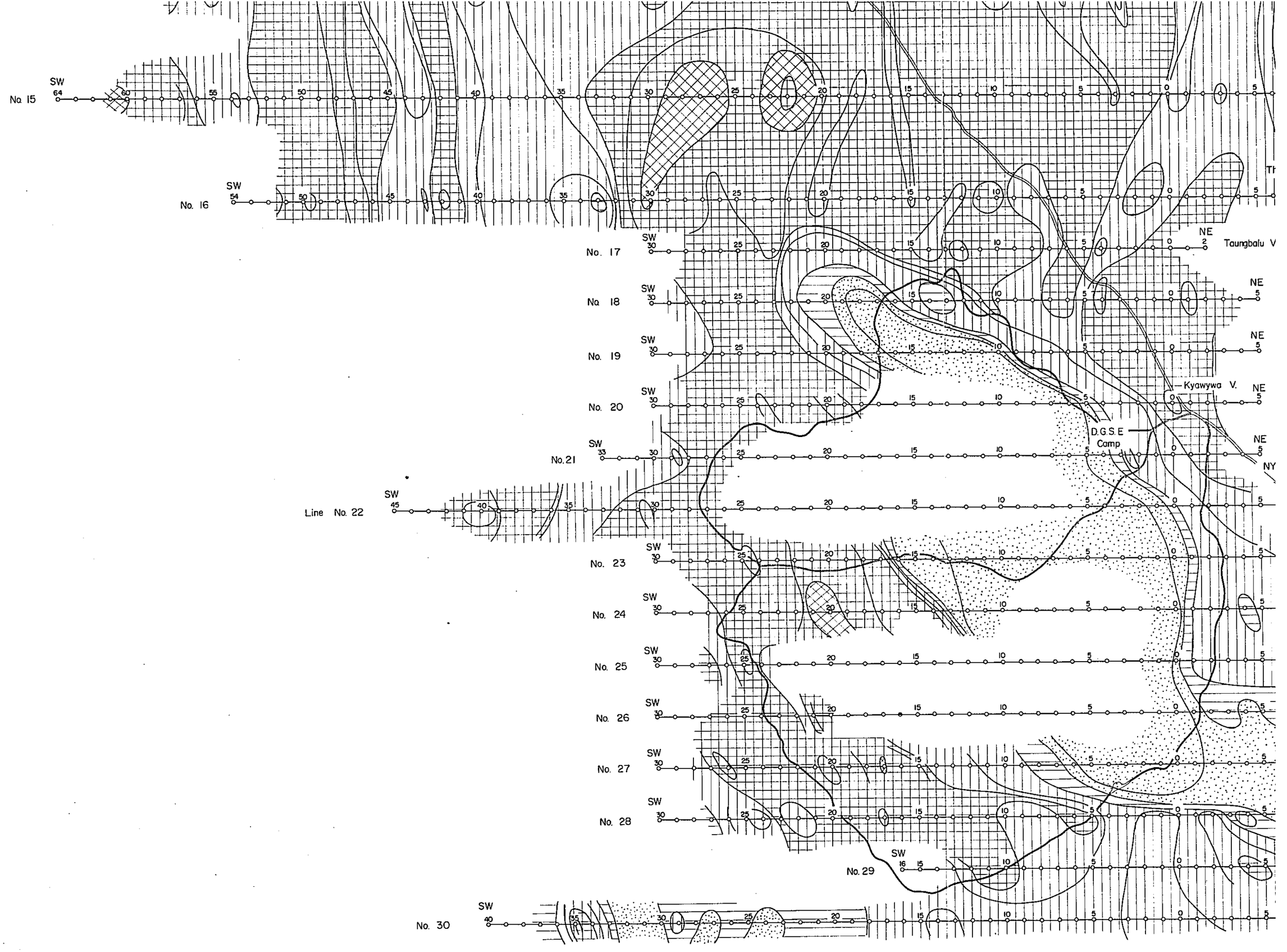
0 500 1000m



PL. II-5-3 PLAN OF APPARENT RESISTIVITY −200 m SEA LEVEL



PL. II-5-3


No. 15
SW
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60
55
50
45
40
35
30
25
20
15
10
5
0
5
No. 16
SW
54
50
45
40
35
30
25
20
15
10
5
0
5
No. 17
SW
30
25
20
15
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5
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2
NE
Taungbalu V
No. 18
SW
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No. 19
SW
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No. 20
SW
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5
Kyawywa V.
NE
5
No. 21
SW
33
30
25
20
15
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D.G.S.E
Camp
NE
5
Line No. 22
SW
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40
35
30
25
20
15
10
5
0
5
No. 23
SW
30
25
20
15
10
5
0
5
No. 24
SW
30
25
20
15
10
5
0
5
No. 25
SW
30
25
20
15
10
5
0
5
No. 26
SW
30
25
20
15
10
5
0
5
No. 27
SW
30
25
20
15
10
5
0
5
No. 28
SW
30
25
20
15
10
5
0
5
No. 29
SW
16
15
10
5
0
5
No. 30
SW
40
35
30
25
20
15
10
5
0
5

Thayagon V.

Taungbalu V.

Kyawywa V.

D.G.S.E Camp

NYAUNGBINGYI

Wethme V.

No. 29

NYAUNGBINGYI

SALINGYI

LEGEND

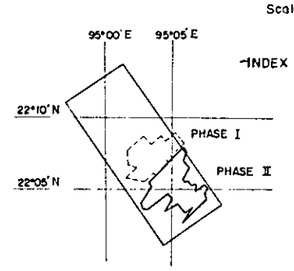
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm 50Ωm
- Over 50Ωm
- V. --- Village

PL. II-5-3

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PLAN OF AR : -200m SEA LEVEL

Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

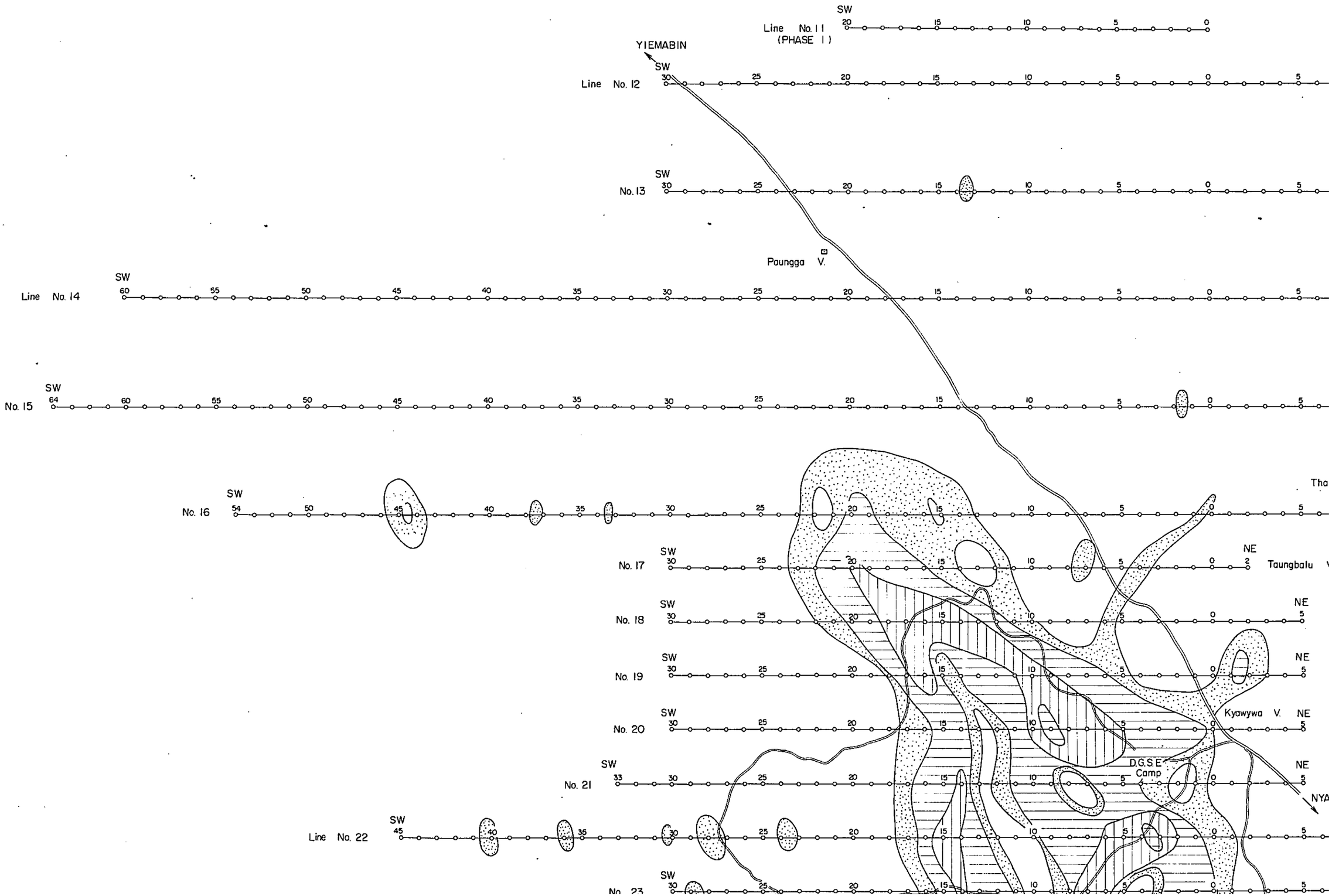
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

PL. II-5-4 PLAN OF FREQUENCY EFFECT

0m SEA

Scale 1 : 10,000

0 500 1,000m



PL. II-5-4 PLAN OF FREQUENCY EFFECT

0m SEA LEVEL

Scale 1 : 10,000

0 500 1,000m

Line No. 11 (PHASE 1)

YIEMABIN

Ta-naunggon V.

E~gon V.

CHINDWIN RIVER

Paungga V.

Thayagon V.

Taungbalu V.

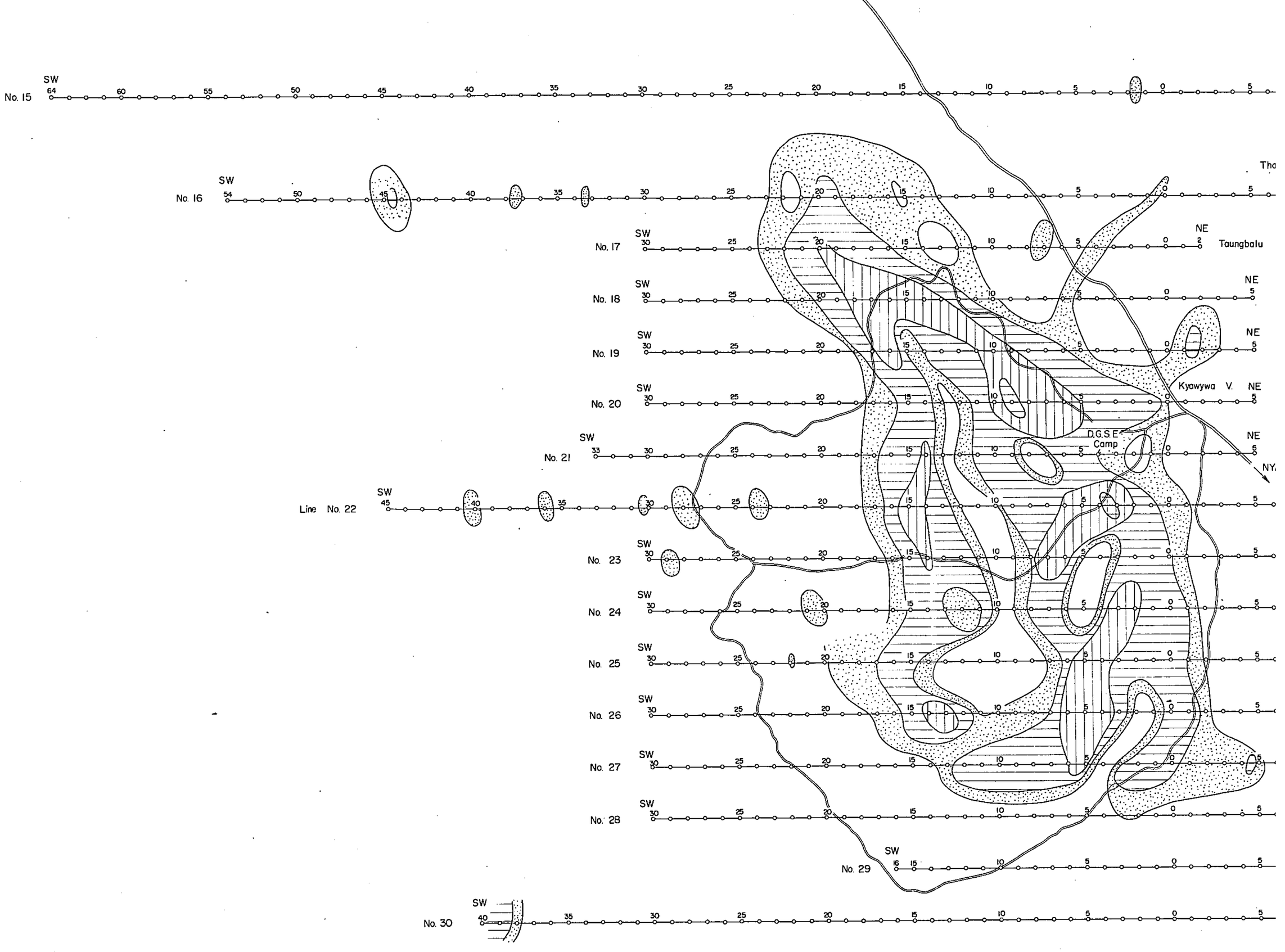
Kyawywa V.

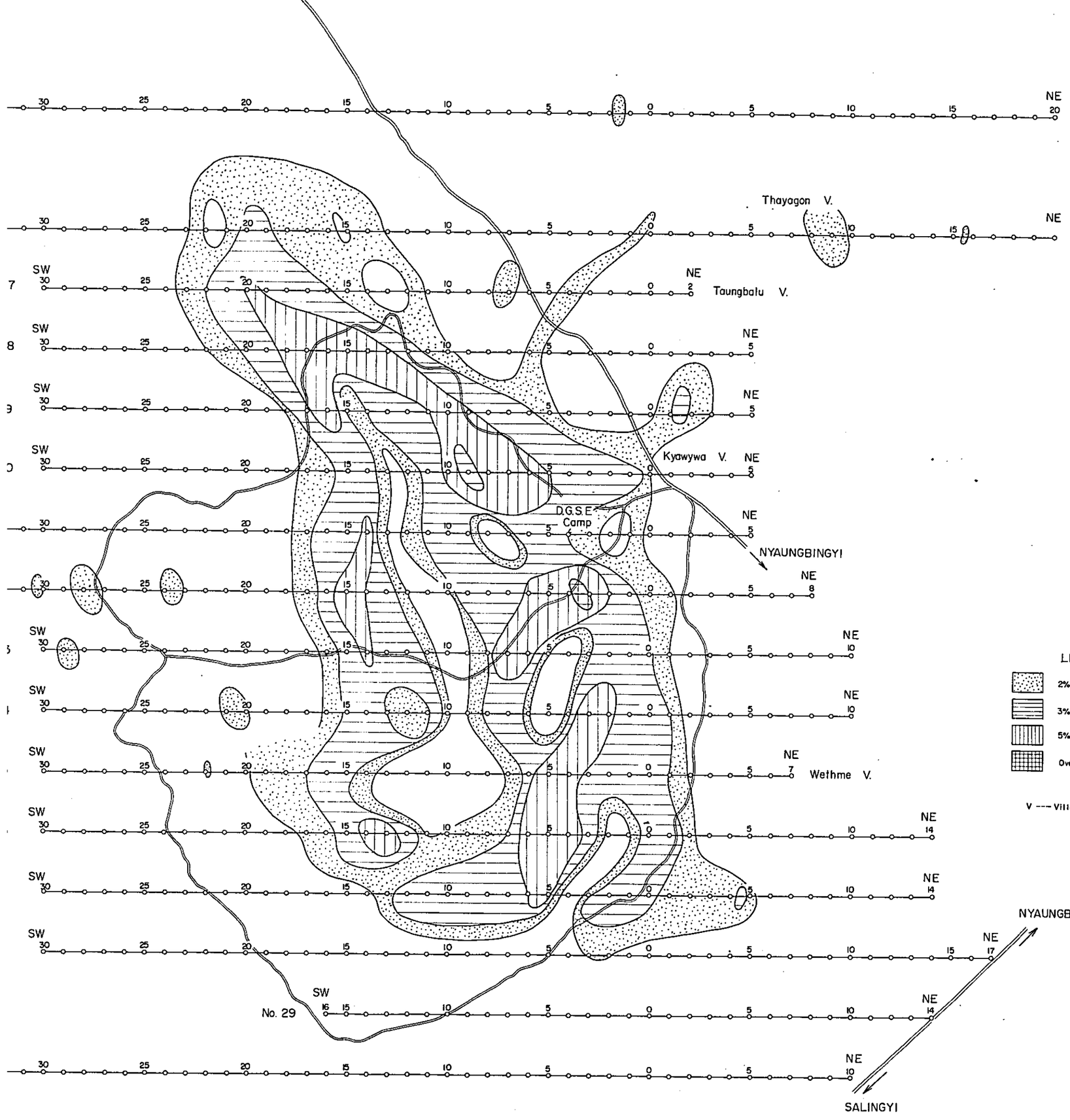
D.G.S.E. Camp

NYAUNGBINGYI

LEGEND

PL. II-5-4


No. 15
SW
64 60 55 50 45 40 35 30 25 20 15 10 5 0 5
No. 16
SW
54 50 45 40 35 30 25 20 15 10 5 0 5
No. 17
SW
30 25 20 15 10 5 0 2
NE
Taungbalu
No. 18
SW
30 25 20 15 10 5 0
NE
5
No. 19
SW
30 25 20 15 10 5 0
NE
5
No. 20
SW
30 25 20 15 10 5 0
Kyawywa V.
NE
5
No. 21
SW
33 30 25 20 15 10 5 0
D.G.S.E Camp
NE
5
NY
Line No. 22
SW
45 40 35 30 25 20 15 10 5 0 5
No. 23
SW
30 25 20 15 10 5 0 5
No. 24
SW
30 25 20 15 10 5 0 5
No. 25
SW
30 25 20 15 10 5 0 5
No. 26
SW
30 25 20 15 10 5 0 5
No. 27
SW
30 25 20 15 10 5 0 5
No. 28
SW
30 25 20 15 10 5 0 5
No. 29
SW
16 15 10 5 0 5
No. 30
SW
40 35 30 25 20 15 10 5 0 5



LEGEND

2% ~ 3 %

3% ~ 5%

5% ~ 8%

Over 8%

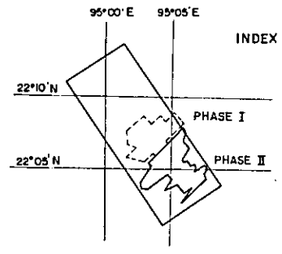
V --- Village

PL. II-5-4

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PLAN OF FE : Om SEA LEVEL

Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO. LTD.

PL. II-5-5 PLAN OF FREQUENCY EFFECT

- 100m SEA

Scale 1 : 10,000

0 500 1,000m

Line No. 11 (PHASE 1) SW 20 15 10 5 0

YIEMABIN

Line No. 12 SW 30 25 20 15 10 5 0 5

No. 13 SW 30 25 20 15 10 5 0 5

Paungga V.

Line No. 14 SW 60 55 50 45 40 35 30 25 20 15 10 5 0 5

No. 15 SW 64 60 55 50 45 40 35 30 25 20 15 10 5 0 5

Tha

No. 16 SW 54 50 45 40 35 30 25 20 15 10 5 0 5

No. 17 SW 30 25 20 15 10 5 0 NE 2 Taungbalu

No. 18 SW 30 25 20 15 10 5 0 NE 5

No. 19 SW 30 25 20 15 10 5 0 NE 5

Kyawywa V.

No. 20 SW 30 25 20 15 10 5 0 NE 5

D.G.S.E. Camp

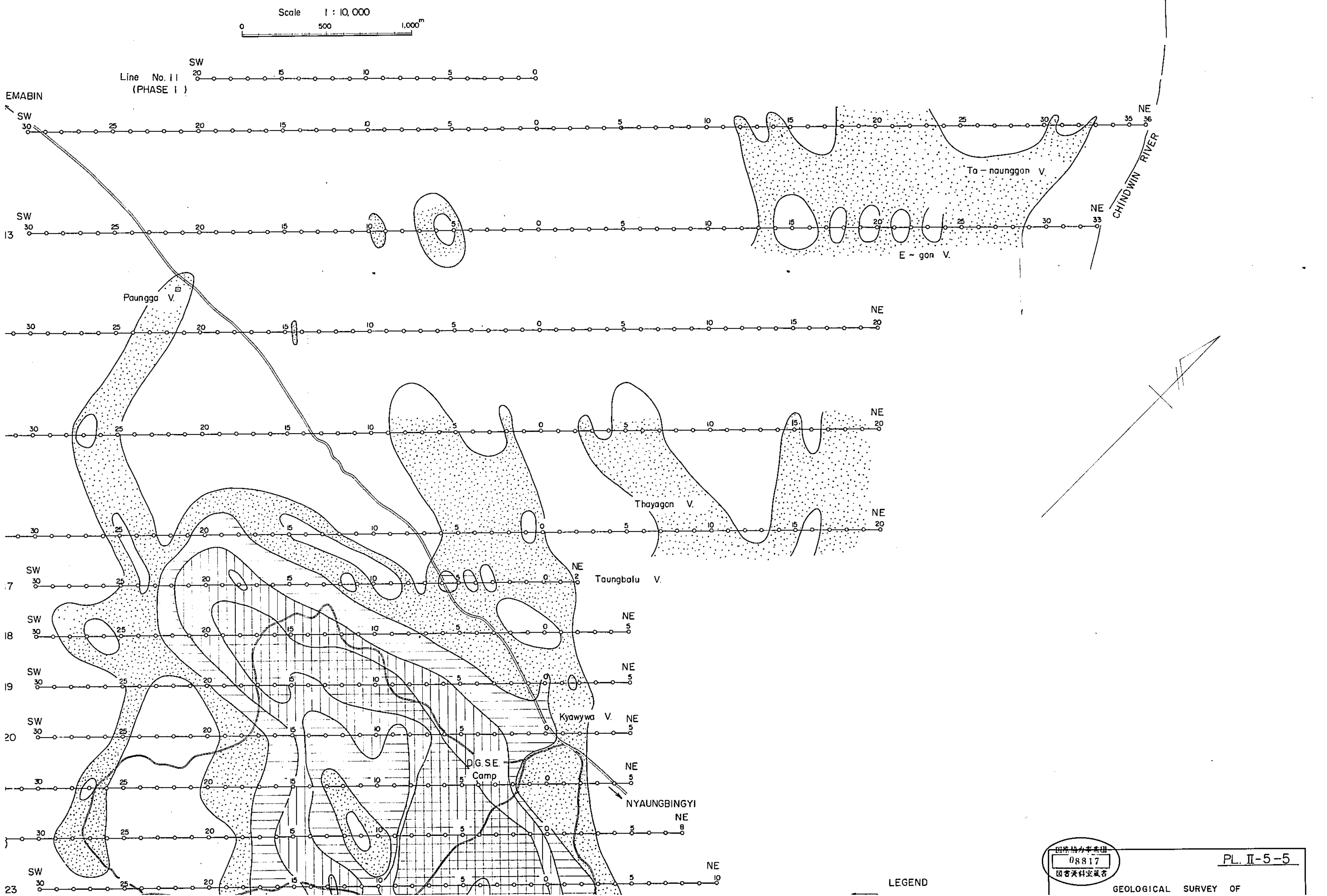
No. 21 SW 33 30 25 20 15 10 5 0 NE 5

NYAU

Line No. 22 SW 45 40 35 30 25 20 15 10 5 0 5

No. 23 SW 30 25 20 15 10 5 0 5

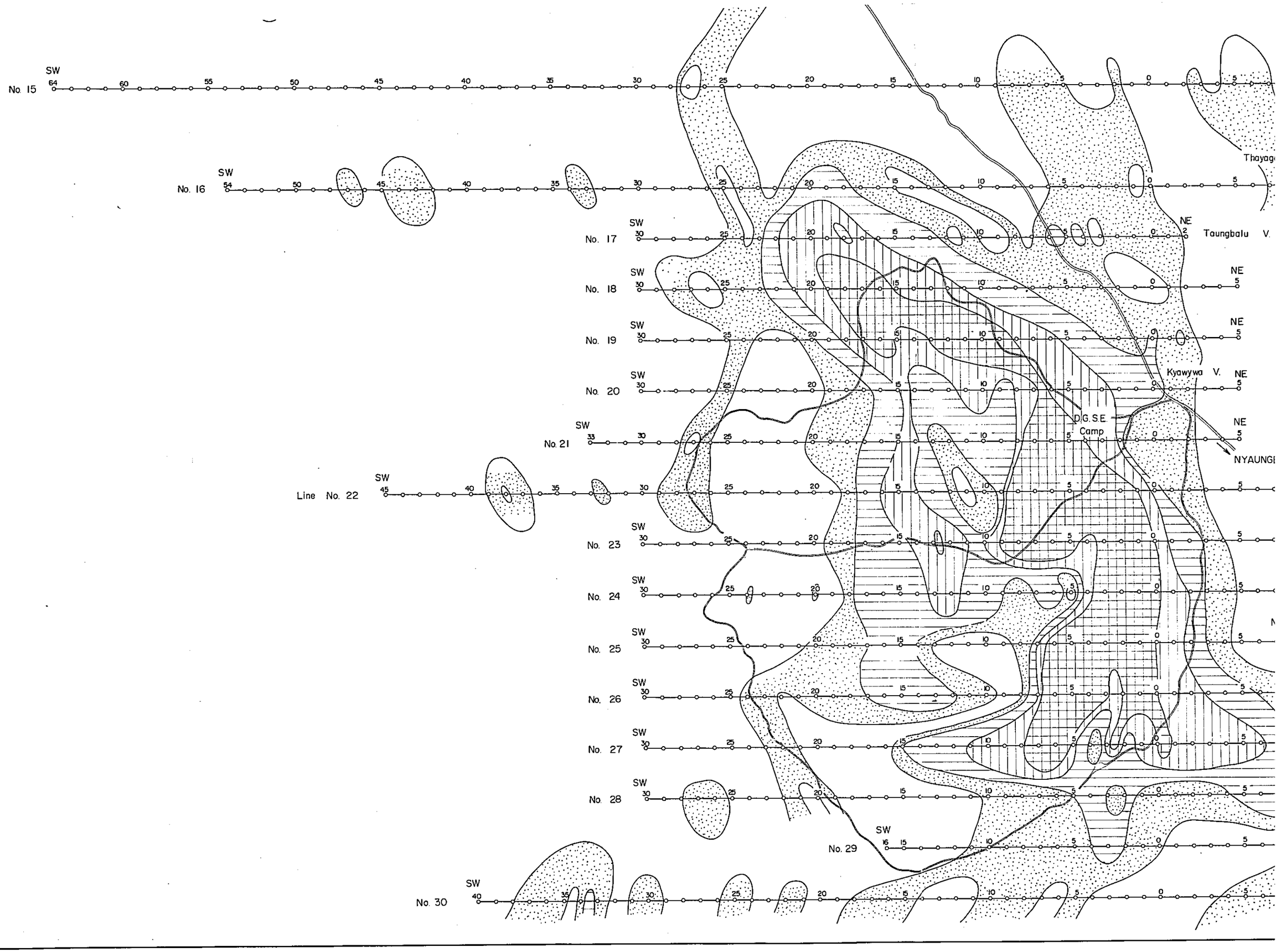
PL. II-5-5 PLAN OF FREQUENCY EFFECT -100m SEA LEVEL

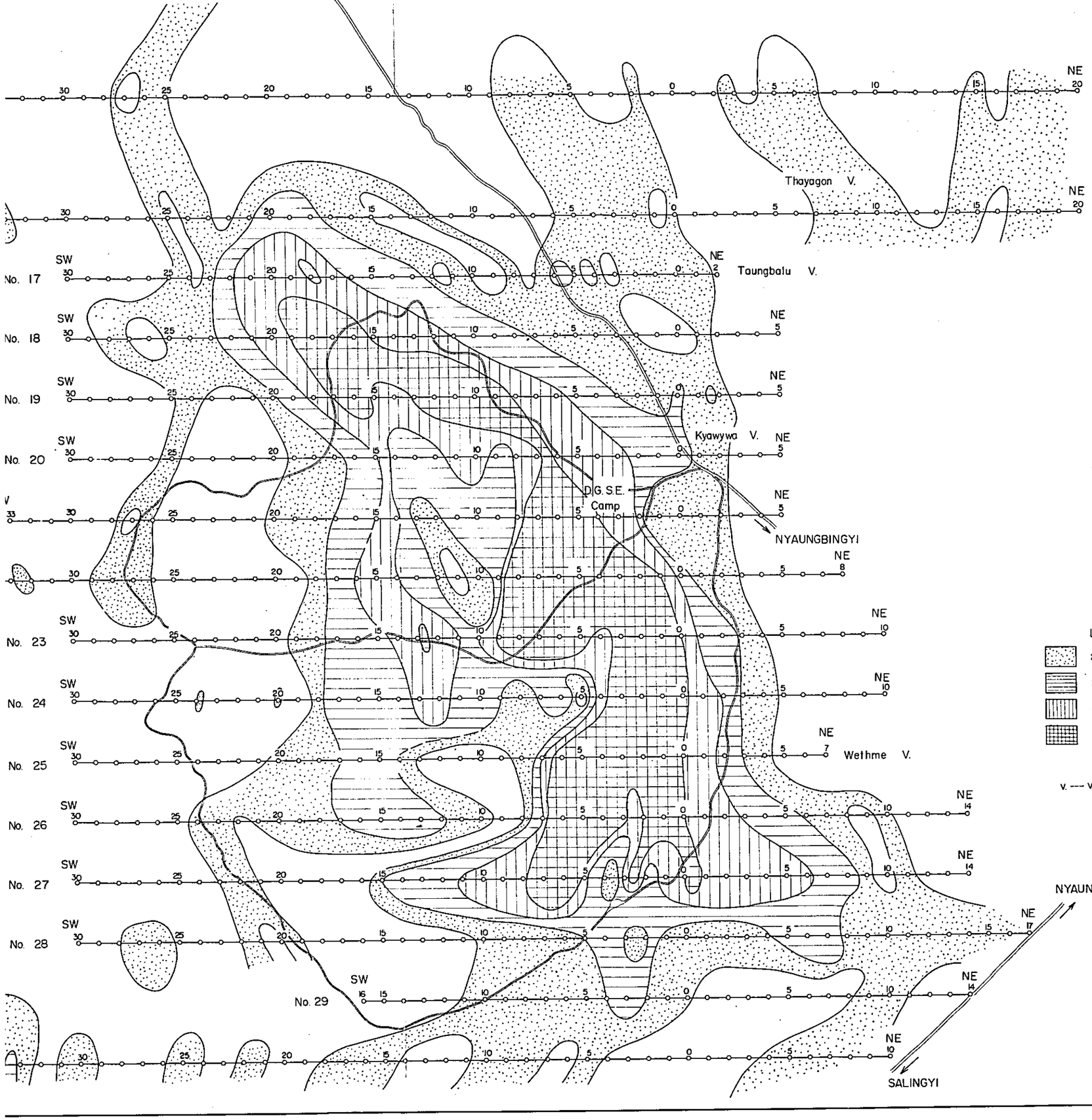


LEGEND

PL. II-5-5

GEOLOGICAL SURVEY OF


No. 15
No. 16
No. 17
No. 18
No. 19
No. 20
No. 21
Line No. 22
No. 23
No. 24
No. 25
No. 26
No. 27
No. 28
No. 29
No. 30
SW
NE
Thayag
Taungbalu V.
Kyawywa V.
D.G.S.E.
Camp
NYAUNGI



LEGEND

- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

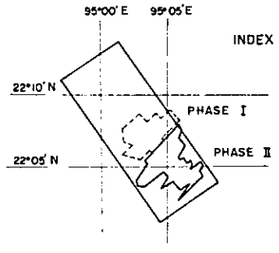
V. —— Village

PL. II-5-5

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PLAN OF FE -100m SEA LEVEL

Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

PL. II-5-6 PLAN OF FREQUENCY EFECT — 200m SEA

Scale 1 : 10,000

0 500 1,000m

Line No. 11 (PHASE 1) SW 20 15 10 5 0

YIEMABIN

Line No. 12 SW 30 25 20 15 10 5 0 5

No. 13 SW 30 25 20 15 10 5 0 5

Paungga V.

Line No. 14 SW 60 55 50 45 40 35 30 25 20 15 10 5 0 5

No. 15 SW 64 60 55 50 45 40 35 30 20 20 15 10 5 0 5

No. 16 SW 54 50 45 40 35 30 25 20 15 10 5 0 5

Tho

No. 17 SW 30 20 20 15 10 5 0 2 NE Taungbalu

No. 18 SW 30 15 20 15 10 5 0 NE 5

No. 19 SW 30 25 20 15 10 5 0 NE 5

Kyawywa V.

No. 20 SW 30 25 20 15 10 5 0 NE 5

D.G.S.E Camp

No. 21 SW 33 30 25 20 15 10 5 0 NE 5

NYA

Line No. 22 SW 45 40 35 30 25 20 15 10 5 0 5

SW 30 25 20 15 10 5 0 5

PL. II-5-6 PLAN OF FREQUENCY EFECT — 200m SEA LEVEL

Scale 1 : 10,000

0 500 1,000m

Line No. 11 (PHASE I)

YIEMABIN

Paungga V.

Ta — naunggon V.

E ~ gon V.

CHINDWIN RIVER

Thayagon V.

Taungbalu V.

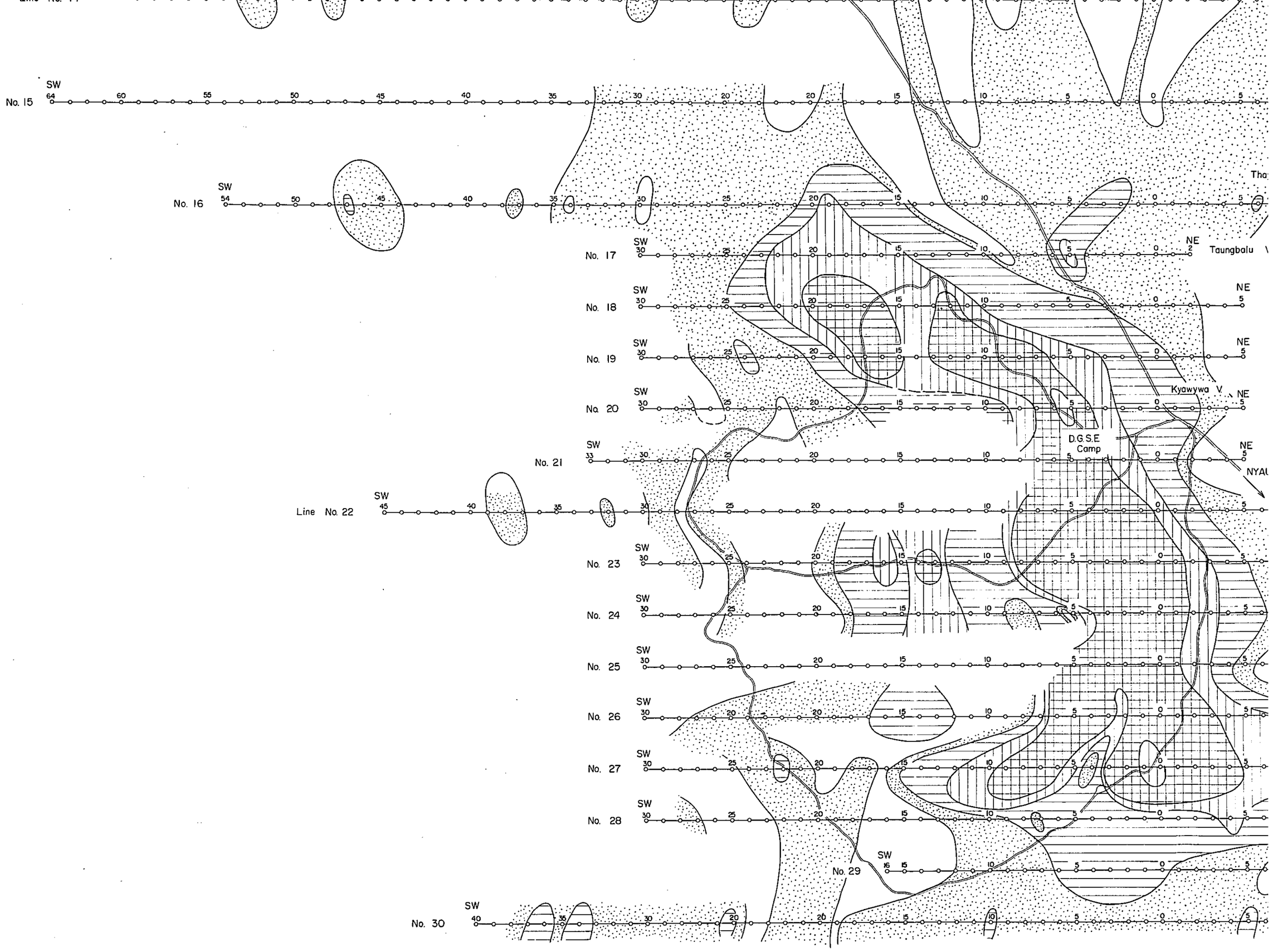
Kyawywa V.

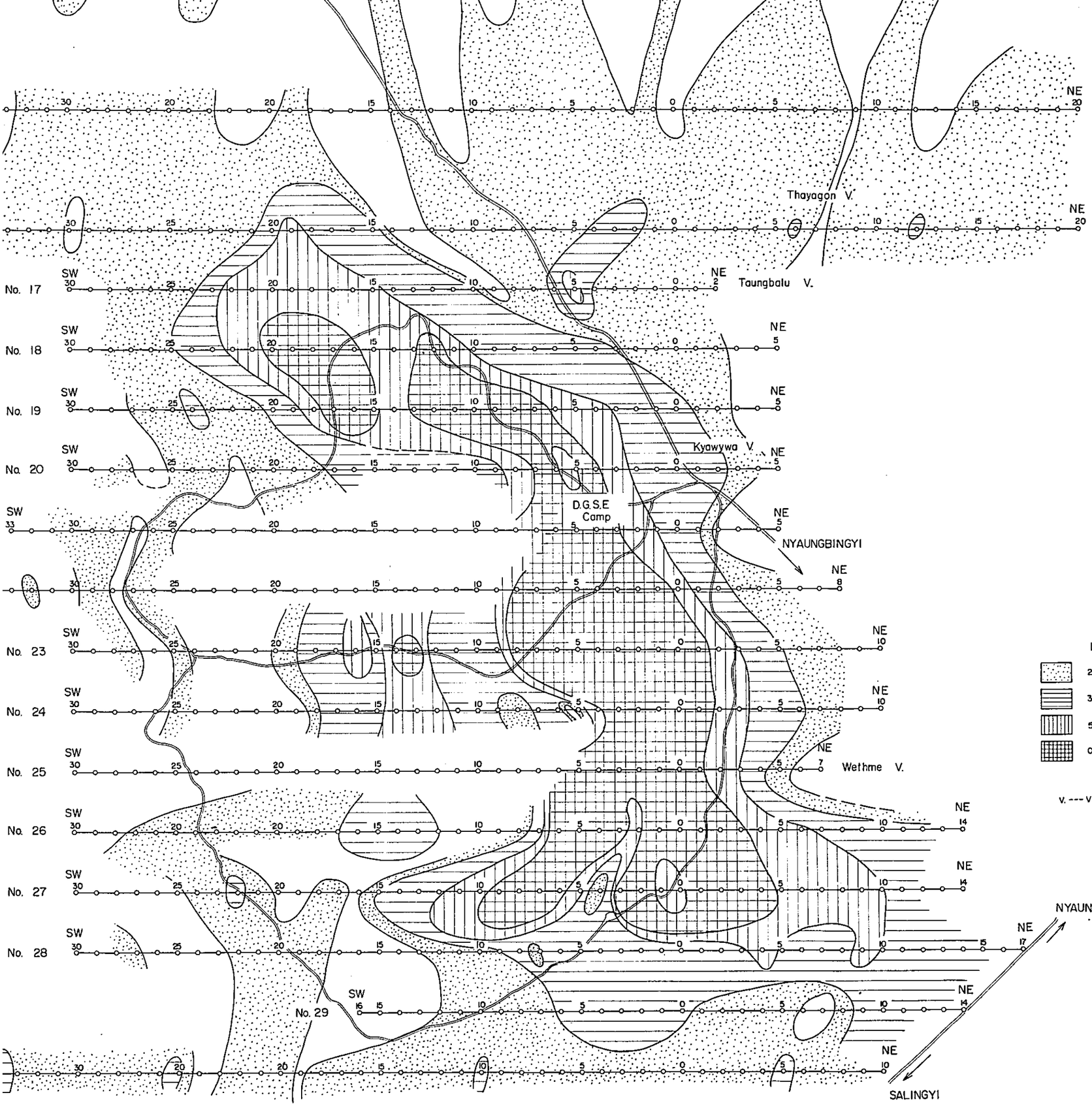
D.G.S.E Camp

NYAUNGBINGYI

LEGEND

PL. II-5-6


No. 15
SW
64 60 55 50 45 40 35 30 20 20 15 10 5 0 5
No. 16
SW
54 50 45 40 35 30 25 20 15 10 5 0 5
Tha
No. 17
SW
30 25 20 15 10 5 0 2
NE
Taungbalu
No. 18
SW
30 25 20 15 10 5 0
NE
5
No. 19
SW
30 25 20 15 10 5 0
NE
5
No. 20
SW
30 25 20 15 10 5 0
NE
5
Kyawywa V.
No. 21
SW
33 30 25 20 15 10 5 0
NE
5
D.G.S.E
Camp
NYAU
Line No. 22
SW
45 40 35 30 25 20 15 10 5 0 5
No. 23
SW
30 25 20 15 10 5 0 5
No. 24
SW
30 25 20 15 10 5 0 5
No. 25
SW
30 25 20 15 10 5 0 5
No. 26
SW
30 20 20 15 10 5 0 5
No. 27
SW
30 25 20 15 10 5 0 5
No. 28
SW
30 25 20 15 10 5 0 5
No. 29
SW
16 15 10 5 0 5
No. 30
SW
40 35 30 20 20 15 10 5 0 5



LEGEND

- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

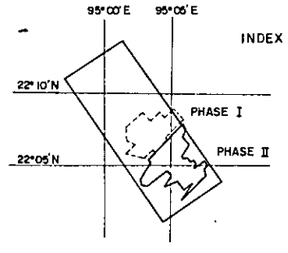
V. --- Village

PL. II-5-6

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PLAN OF FE-200m SEA LEVEL

Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

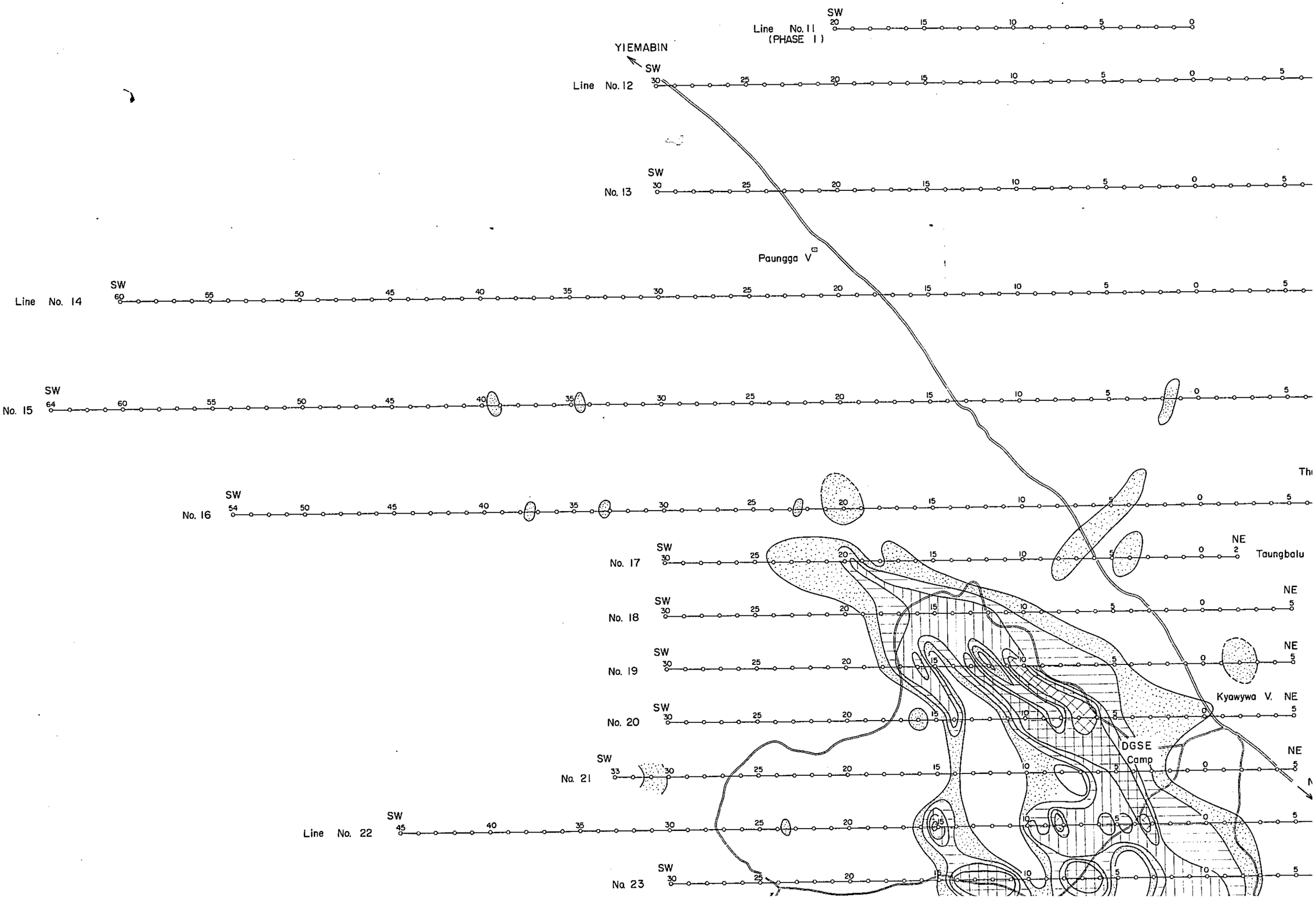
prepared by MITSUI KINZOKU ENGINEERING SERVICE CO. LTD.

PL. II-5-7 PLAN OF METAL FACTOR

Om SEA

Scale 1 10,000

0 500 1,000m



PL. II-5-7 PLAN OF METAL FACTOR

0m SEA LEVEL

Scale 1 10,000

0 500 1,000m

Line No. 11 (PHASE 1)

YIEMABIN

No. 12

No. 13

Paungga V.

Ta-naunggon V

E gon V.

CHINDWIN RIVER

Thayagon V.

No. 17

Taungbalu V.

No. 18

No. 19

Kyawywa V.

No. 20

DGSE Camp

NYAUNGBINGYI

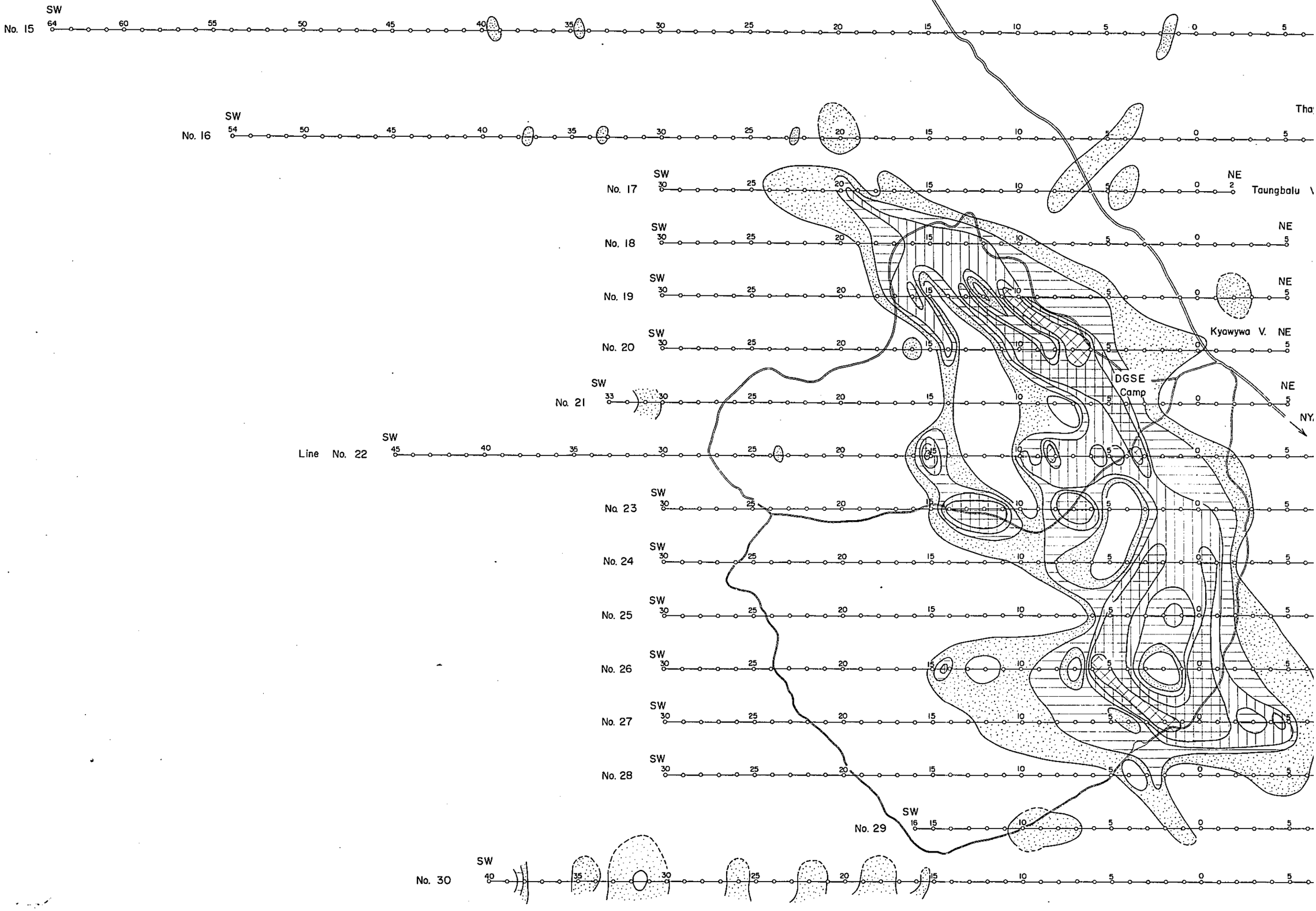
No. 23

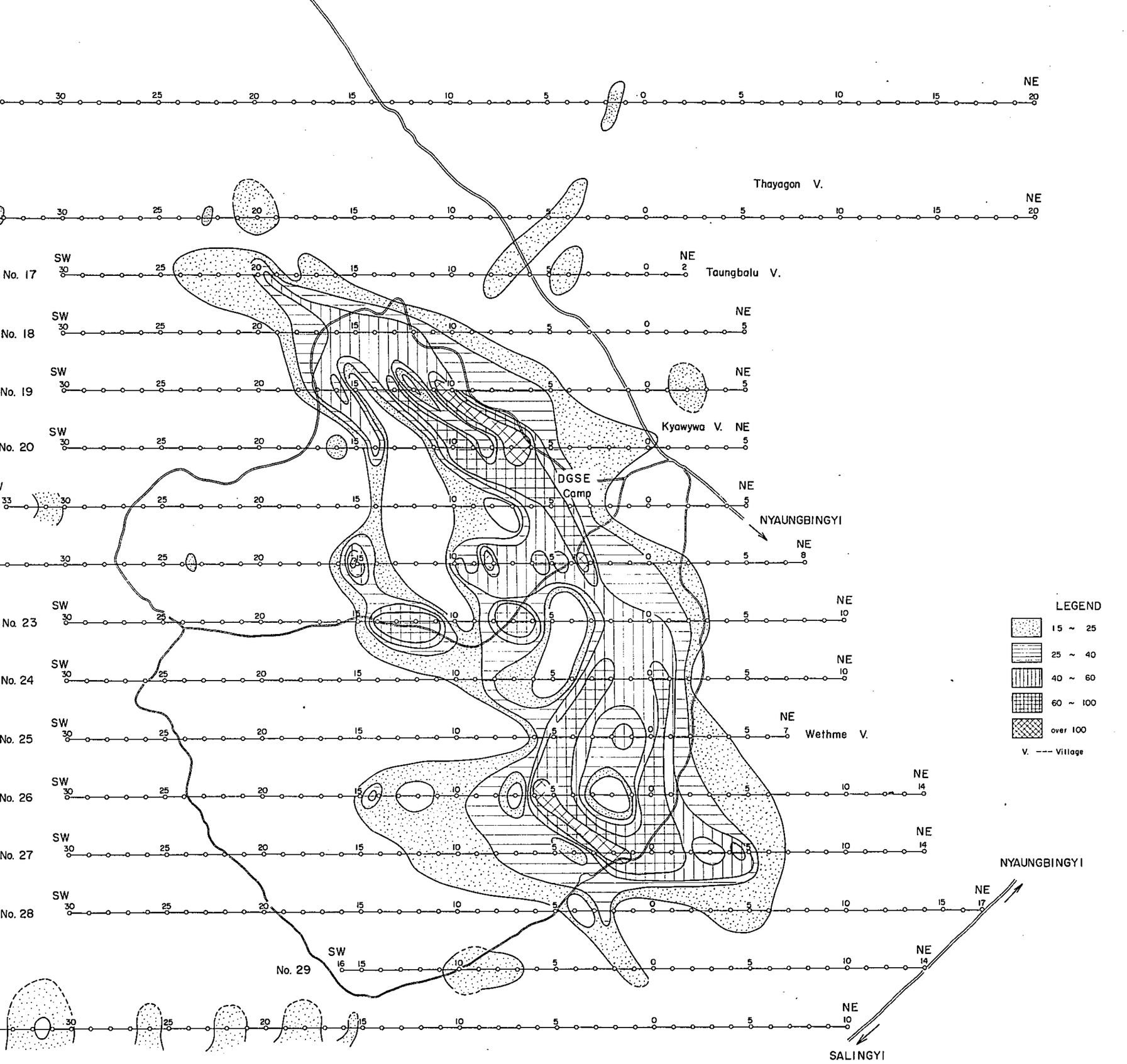
LEGEND

15 ~ 25

PL. II-5-7

GEOLOGICAL SURVEY OF


No. 15
SW
64 60 55 50 45 40 35 30 25 20 15 10 5 0 5
No. 16
SW
54 50 45 40 35 30 25 20 15 10 5 0 5
No. 17
SW
30 25 20 15 10 5 0 2
NE
Taungbalu V.
No. 18
SW
30 25 20 15 10 5 0 5
NE
No. 19
SW
30 25 20 15 10 5 0 5
NE
No. 20
SW
30 25 20 15 10 5 0 5
NE
Kyawywa V.
No. 21
SW
33 30 25 20 15 10 5 0 5
NE
DGSE Camp
NY
Line No. 22
SW
45 40 35 30 25 20 15 10 5 0 5
No. 23
SW
30 25 20 15 10 5 0 5
No. 24
SW
30 25 20 15 10 5 0 5
No. 25
SW
30 25 20 15 10 5 0 5
No. 26
SW
30 25 20 15 10 5 0 5
No. 27
SW
30 25 20 15 10 5 0 5
No. 28
SW
30 25 20 15 10 5 0 5
No. 29
SW
16 15 10 5 0 5
No. 30
SW
40 35 30 25 20 15 10 5 0 5



LEGEND

- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- over 100

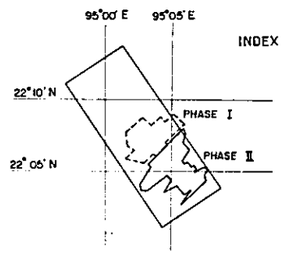
V. --- Village

PL. II-5-7

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PLAN OF MF Om SEA LEVEL

Scale 1 : 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

PL. II-5-8 PLAN OF METAL FACTOR

-100m SEA L

Scale 1 : 10,000

0 500 1,000m

Line No. 11 (PHASE 1) SW 20 15 10 5 0

YIEMABIN

Line No. 12 SW 30 25 20 15 10 5 0 5

No. 13 SW 30 25 20 15 10 5 0 5

Paungga V.

Line No. 14 SW 60 55 50 45 40 35 30 25 20 15 10 5 0 5

No. 15 SW 64 60 55 50 45 40 35 30 25 20 15 10 5 0 5

No. 16 SW 54 50 45 40 35 30 25 20 15 10 5 0 5

No. 17 SW 30 25 20 15 10 5 0 NE 2

Taungbalu V.

No. 18 SW 30 25 20 15 10 5 0 NE 5

No. 19 SW 30 25 20 15 10 5 0 NE 5

Kyawywa V.

No. 20 SW 30 25 20 15 10 5 0 NE 5

D.G.S.E. Camp

No. 21 SW 33 30 25 20 15 10 5 0 NE 5

NYA

Line No. 22 SW 45 40 35 30 25 20 15 10 5 0 5

No. 23 SW 30 25 20 15 10 5 0 5

PL. II-5-8 PLAN OF METAL FACTOR

-100m SEA LEVEL

Scale 1 : 10,000

0 500 1,000m

Line No. 11 (PHASE 1)

YIEMABIN

CHINDWIN RIVER

Ta — naunggon V.

E ~ gon V.

Paungga V.

Thayagon V.

Taungbalu V.

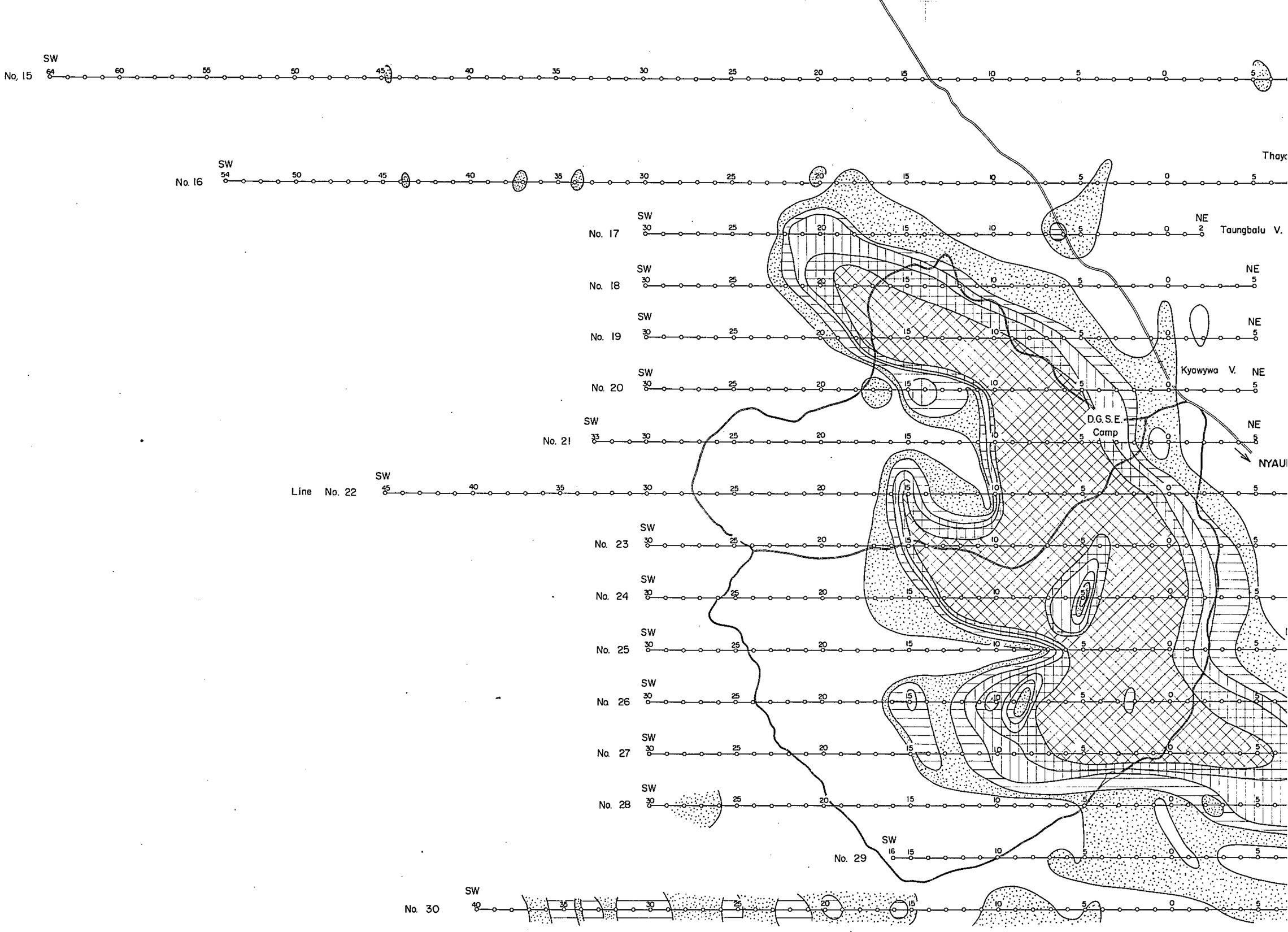
Kyawywa V.

D.G.S.E. Camp

NYAUNGBINGYI

LEGEND

PL. II-5-8


No. 15
No. 16
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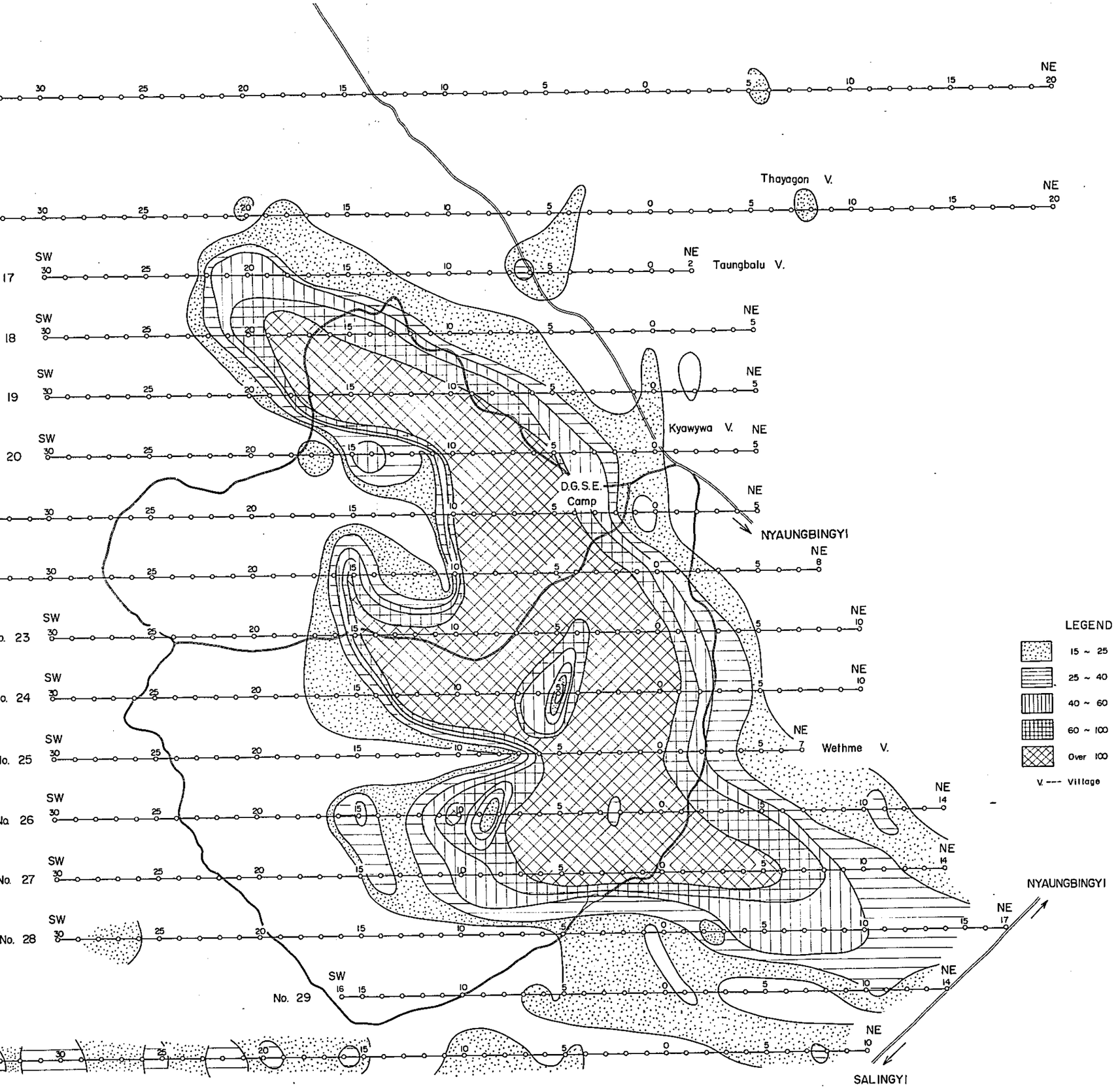
No. 18
No. 19
No. 20
No. 21
Line No. 22
No. 23
No. 24
No. 25
No. 26
No. 27
No. 28
No. 29
No. 30
SW
NE
Thayc
Taungbalu V.
Kyawywa V.
D.G.S.E. Camp
NYAU



LEGEND

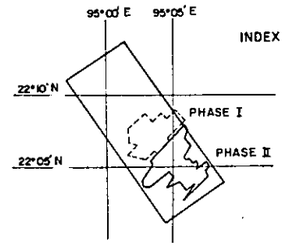
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100
- V. --- Village

PL. II-5-8

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

PLAN OF MF -100m SEA LEVEL

Scale 1 10,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

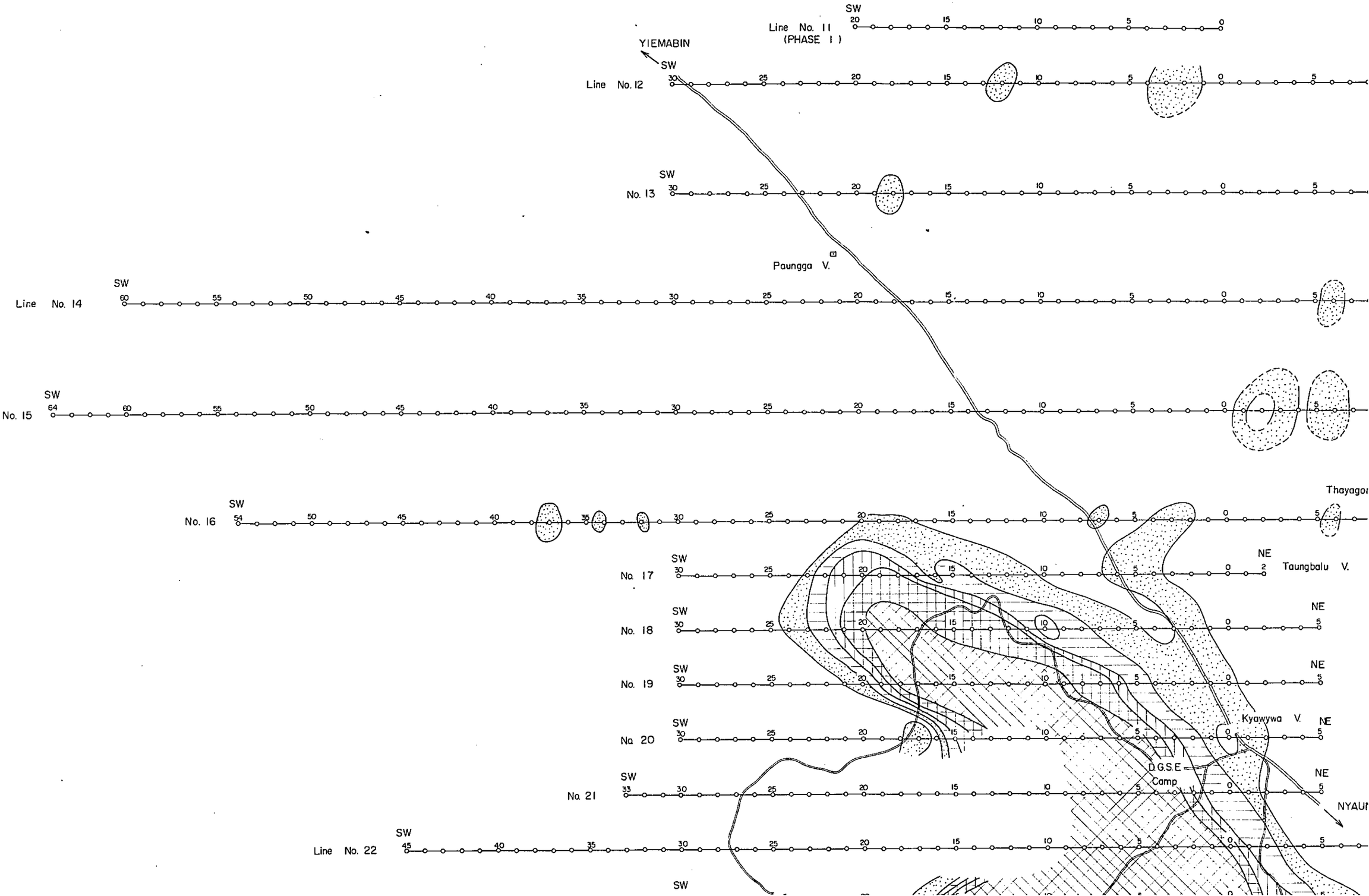
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

PL. Ⅱ-5-9 PLAN OF METAL FACTOR

- 200m SEA LE

Scale 1 : 10, 000

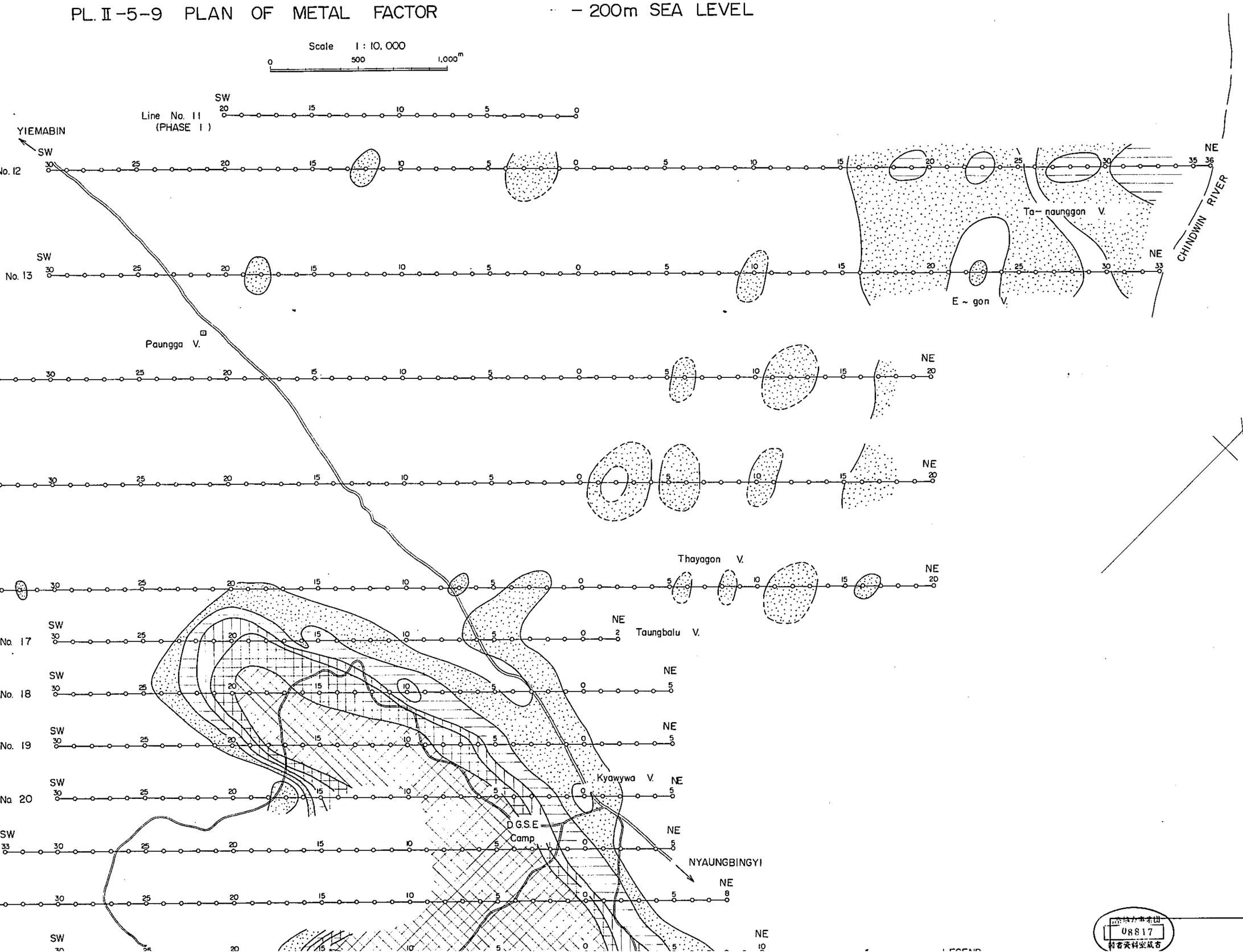
0 500 1,000m



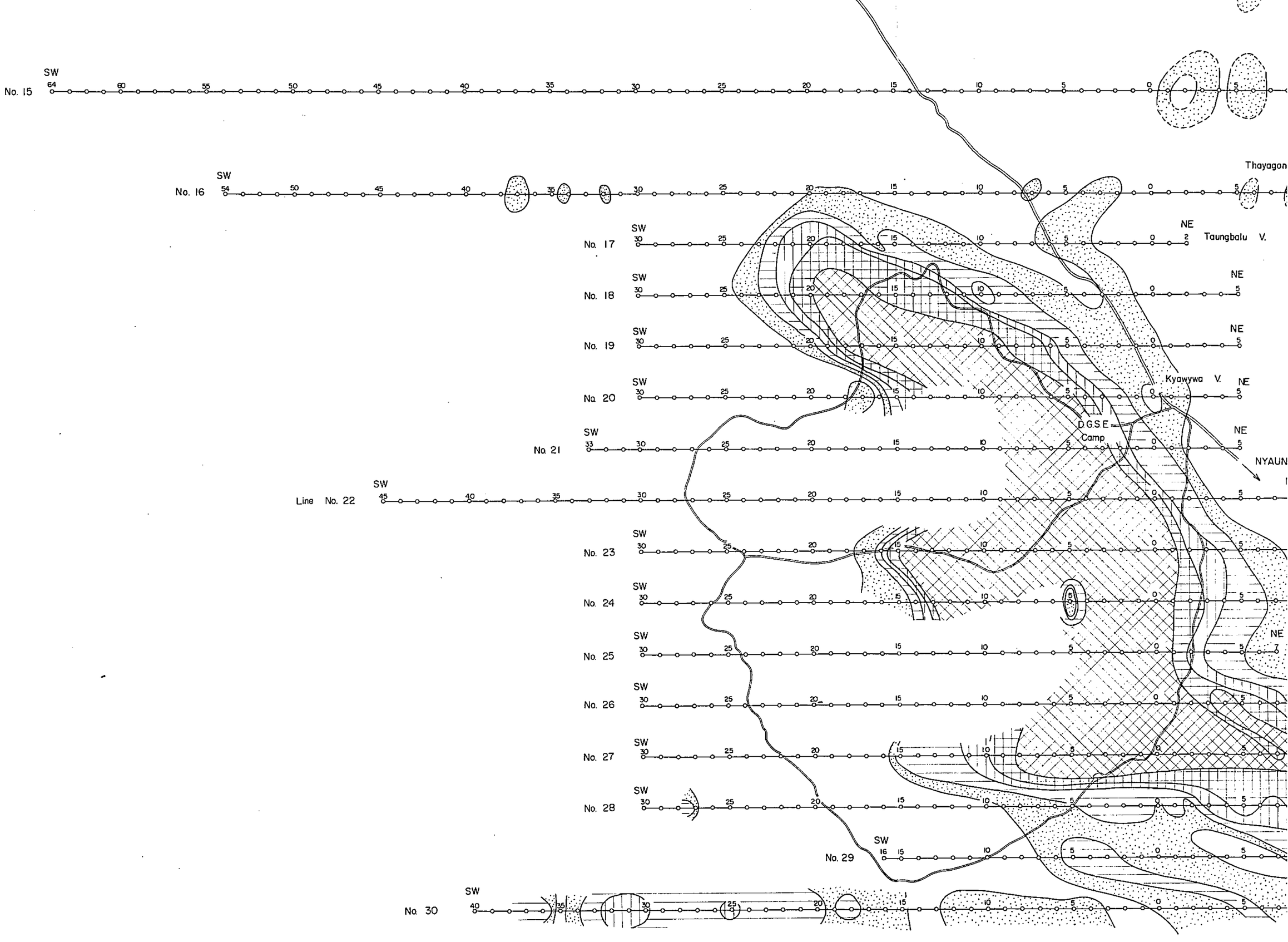
PL. II-5-9 PLAN OF METAL FACTOR — 200m SEA LEVEL

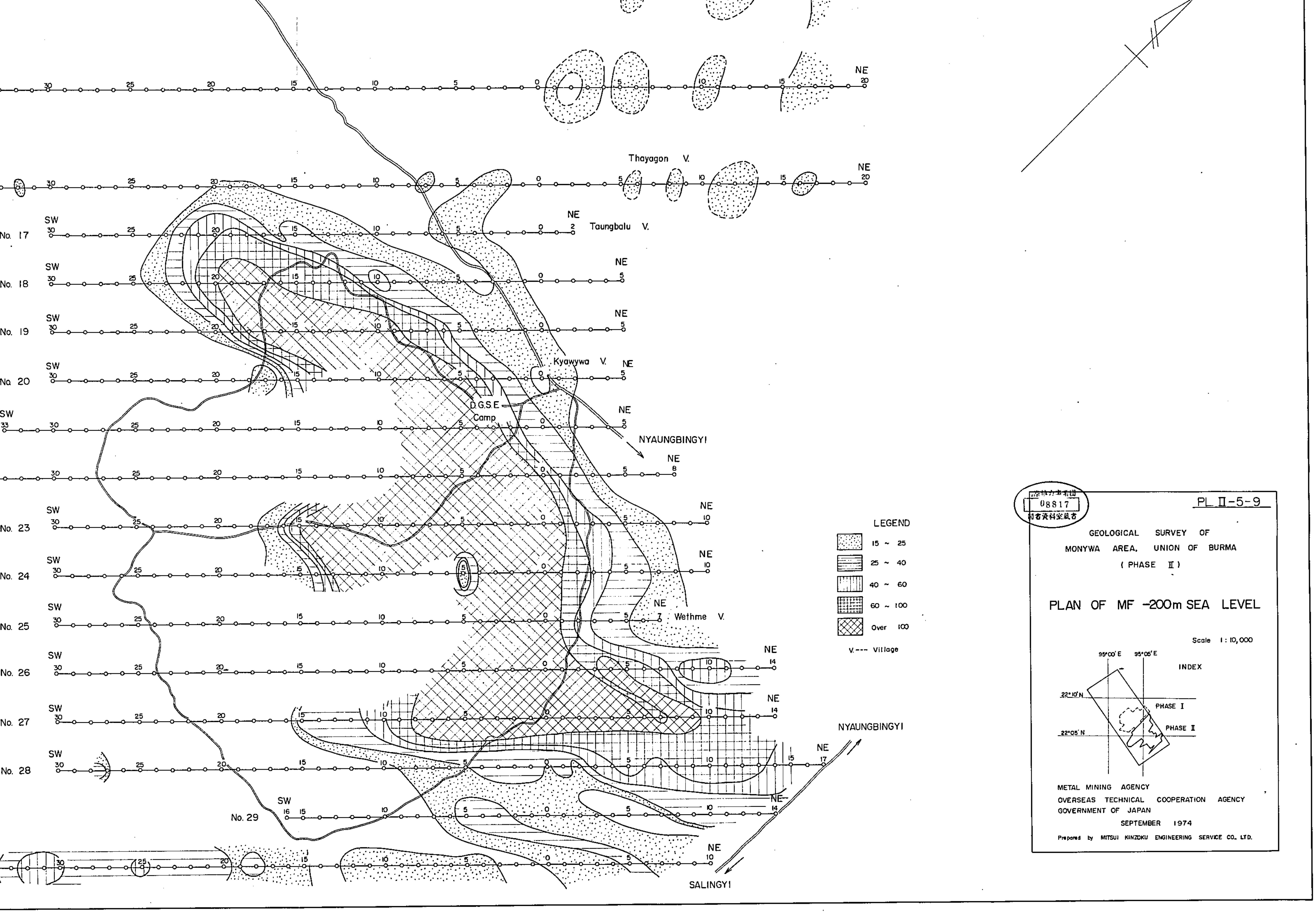
Scale 1 : 10,000

0 500 1,000m



PL. II-5-9


SW
No. 15
64 60 55 50 45 40 35 30 25 20 15 10 5 0 5
Thayagon
SW
No. 16
54 50 45 40 35 30 25 20 15 10 5 0 5
SW
No. 17
30 25 20 15 10 5 0 2
NE
Taungbalu V.
SW
No. 18
30 25 20 15 10 5 0 5
NE
SW
No. 19
30 25 20 15 10 5 0 5
NE
SW
No. 20
30 25 20 15 10 5 0 5
Kyawywa V.
NE
SW
No. 21
33 30 25 20 15 10 5 0 5
D.G.S.E
Camp
NE
NYAUN
SW
Line No. 22
45 40 35 30 25 20 15 10 5 0 5
SW
No. 23
30 25 20 15 10 5 0 5
SW
No. 24
30 25 20 15 10 5 0 5
NE
SW
No. 25
30 25 20 15 10 5 0 5
SW
No. 26
30 25 20 15 10 5 0 5
SW
No. 27
30 25 20 15 10 5 0 5
SW
No. 28
30 25 20 15 10 5 0 5
SW
No. 29
16 15 10 5 0 5
SW
No. 30
40 35 30 25 20 15 10 5 0 5



PL. II-5-9

GEOLOGICAL SURVEY OF MONYWA AREA, UNION OF BURMA (PHASE II)

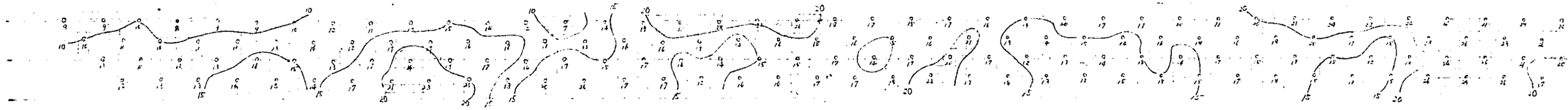
PLAN OF MF -200m SEA LEVEL

Scale 1:10,000

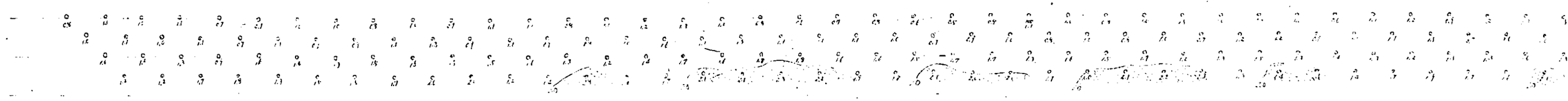
METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

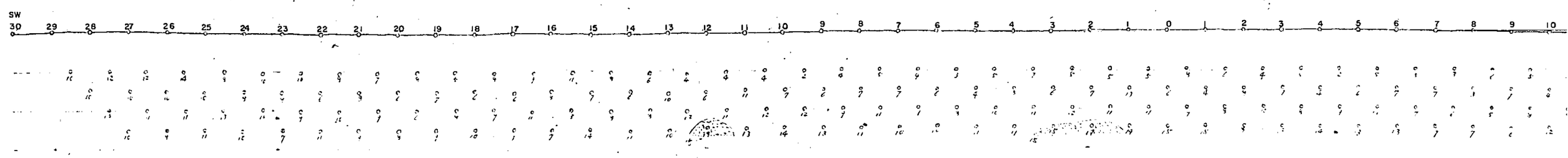
SW
30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10



SW
30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10



SW
30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10

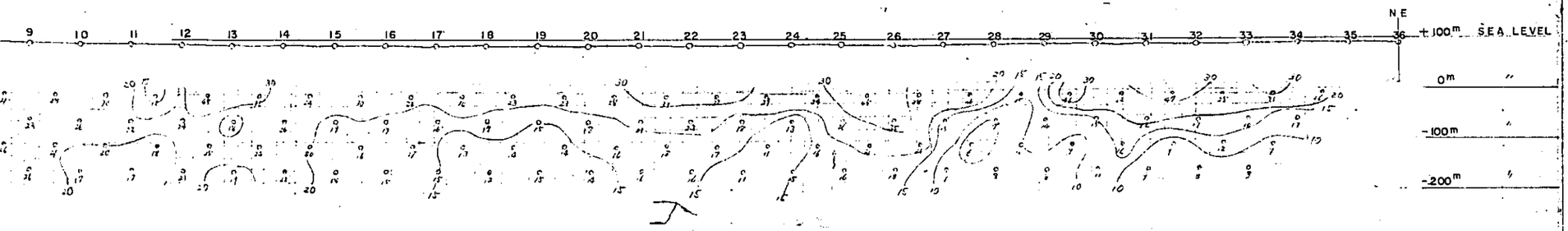


PL. II-6-1 IP PROFILE ON LINE No 12

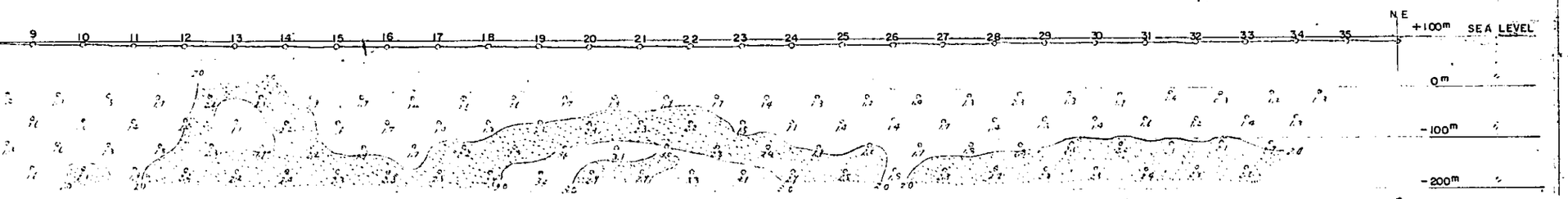
SCALE 1 : 5000

0 100 200 300 400 500m

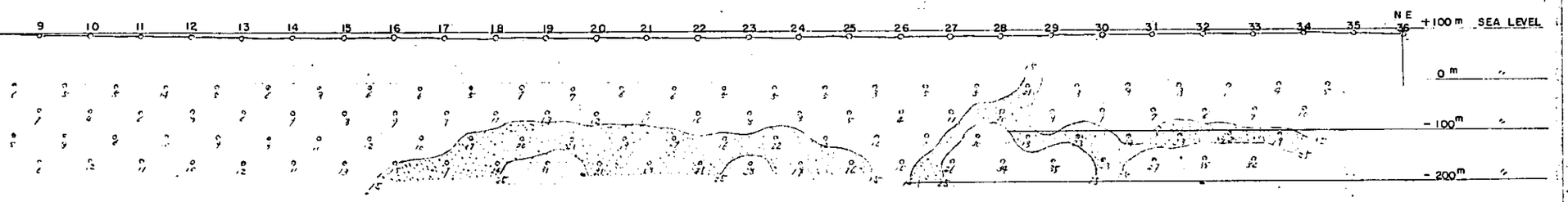
APPARENT RESISTIVITY (AR: ρ_{AC2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC1}-\rho_{AC2})\div\rho_{AC2} \times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC2})

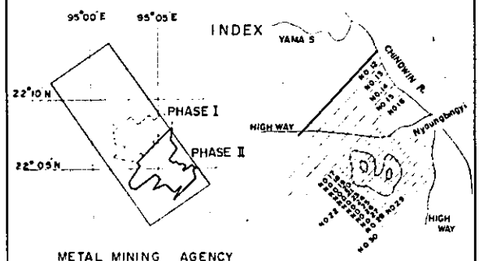


PL. II-6-1

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.12

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

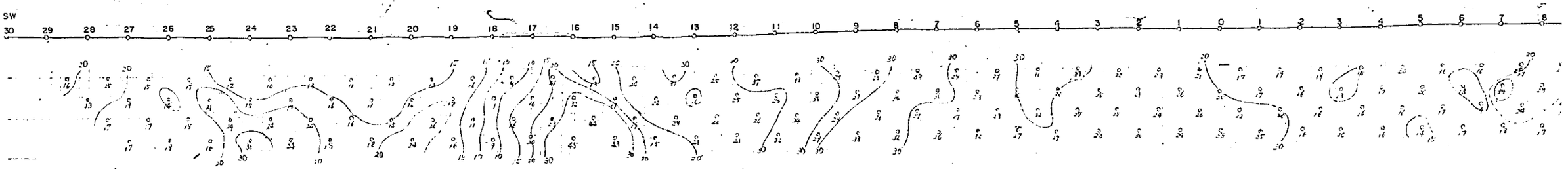
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO,LTD.

LEGEND

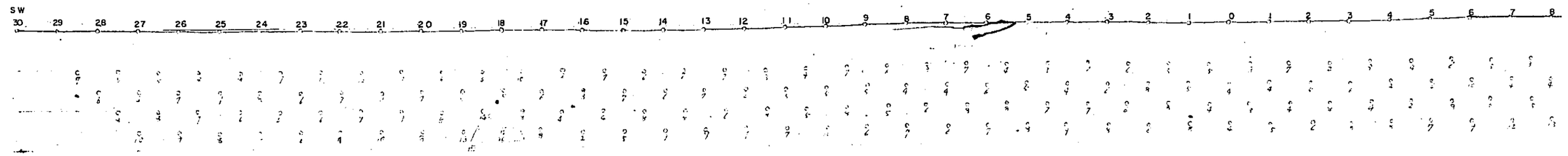
AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 1.5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100


SW
30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8


SW
30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8

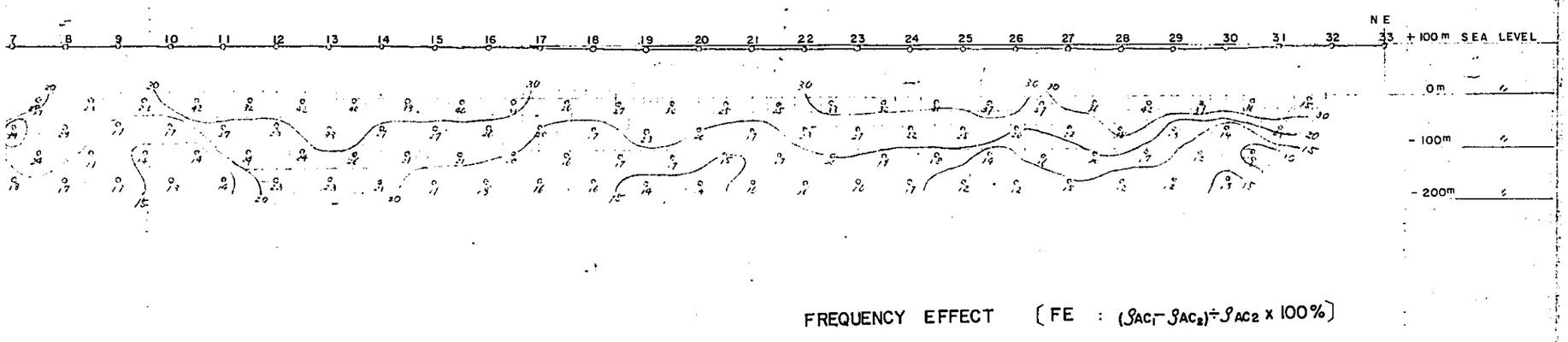

SW
30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8

PL. Ⅱ-6-2 IP PROFILE ON LINE No. 13

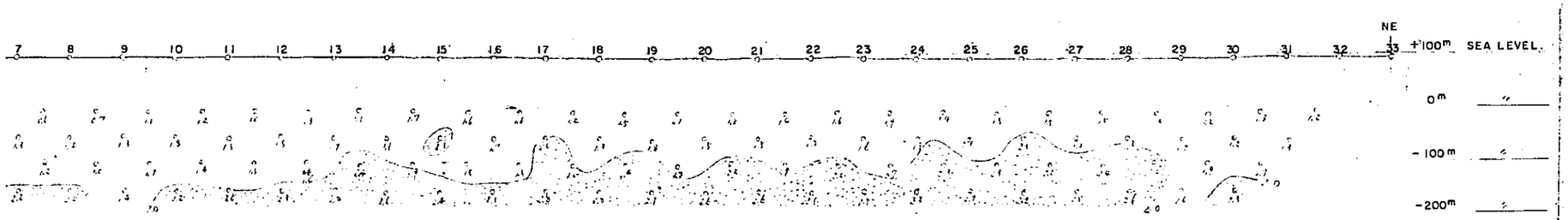
SCALE 1 : 5000

0 100 200 300 400 500m

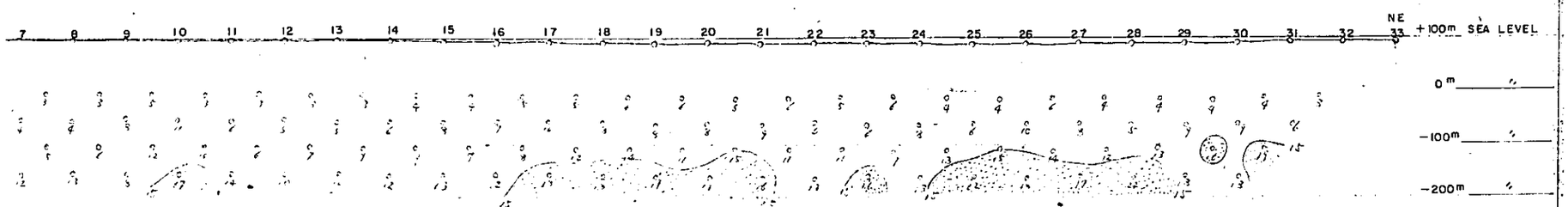
APPARENT RESISTIVITY (AR : ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

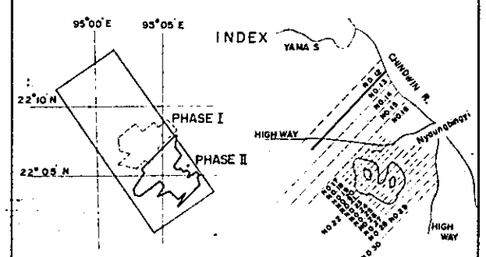


PL. Ⅱ-6-2

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.13

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

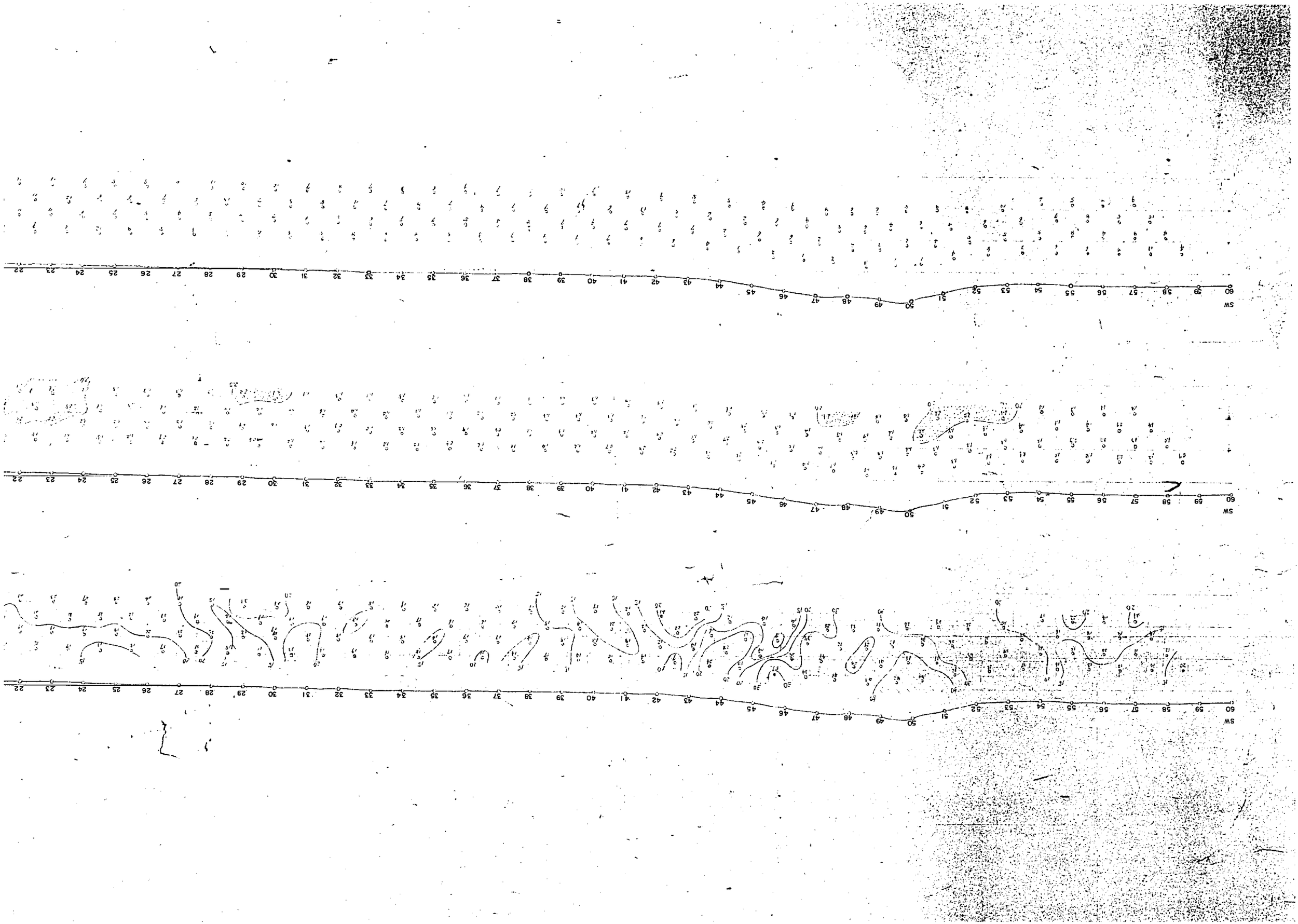
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD.

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

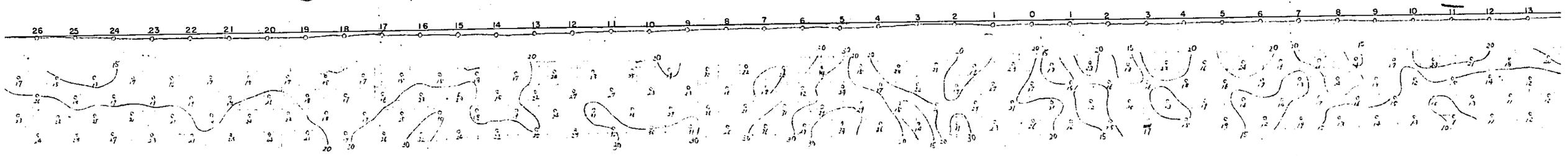
FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

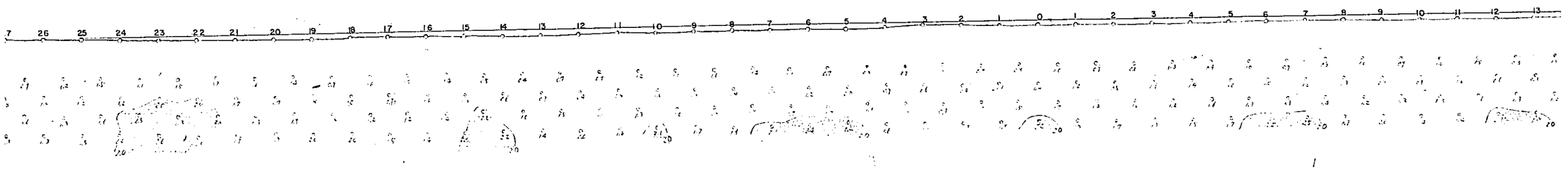

SW
SW

PL. II-6-3 I P PROFILE ON LINE No.14

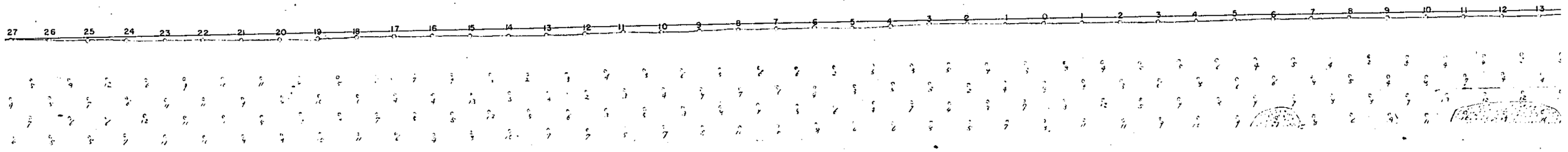
APPARENT RESISTIVITY (A



FREQUENCY EFFECT (



METAL FACTOR (

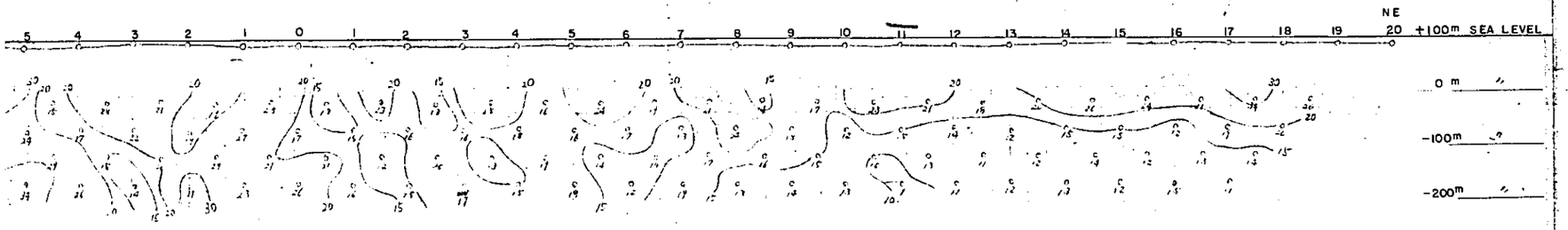


PL. Ⅱ-6-3 IP PROFILE ON LINE No.14

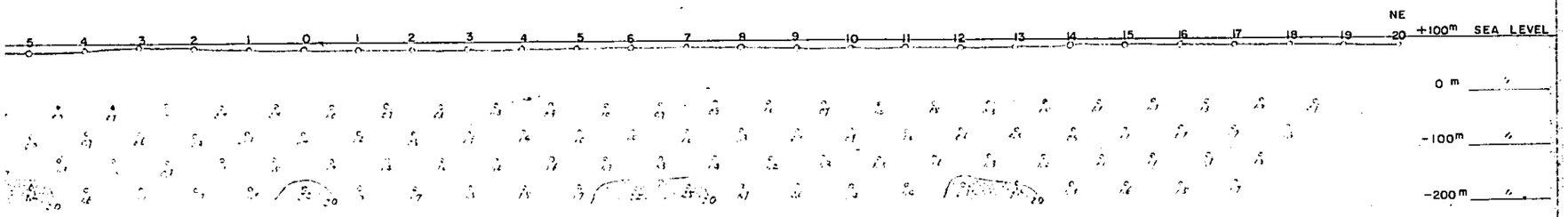
SCALE 1:5000

0 100 200 300 400 500m

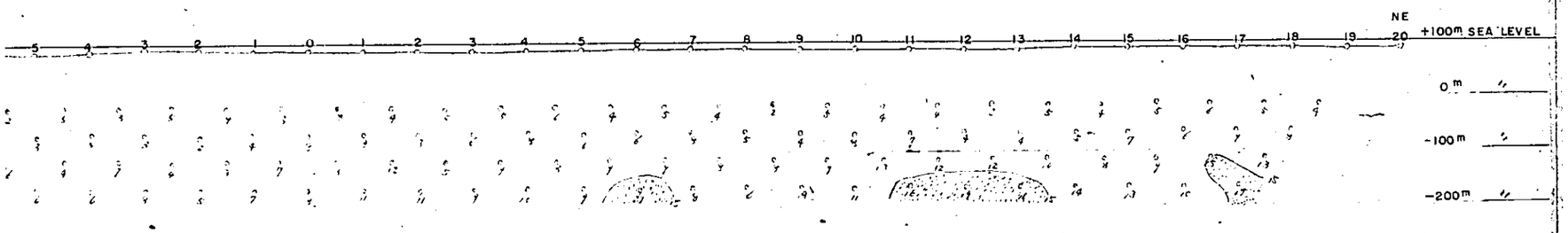
APPARENT RESISTIVITY (AR: ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE $(\rho_{AC_1}-\rho_{AC_2})\div\rho_{AC_2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

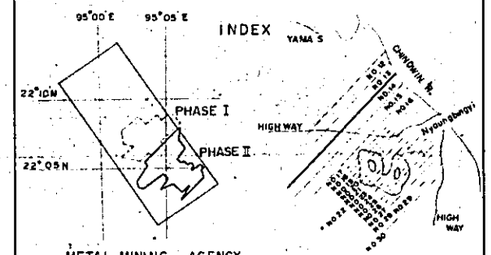


PL. Ⅱ-6-3

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.14

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

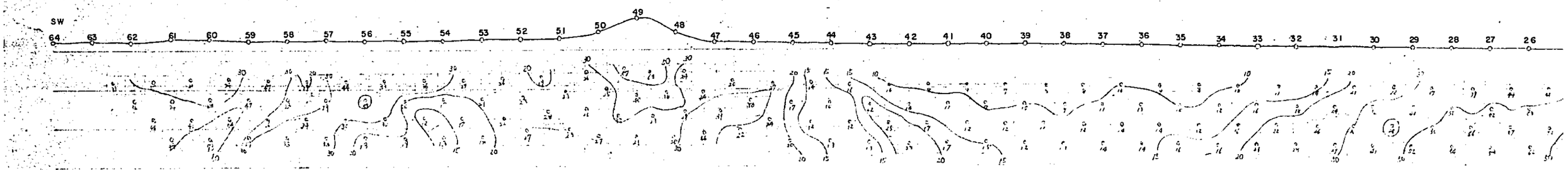
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD

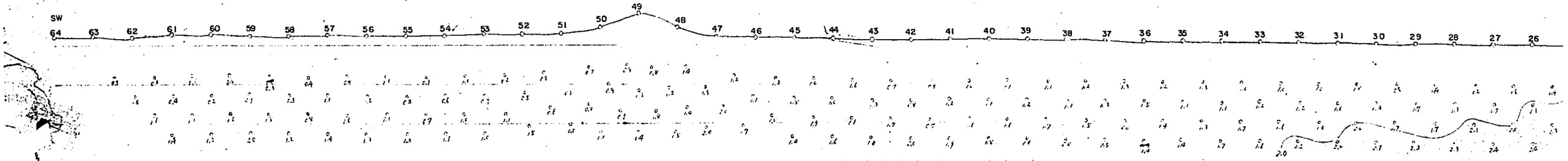
LEGEND

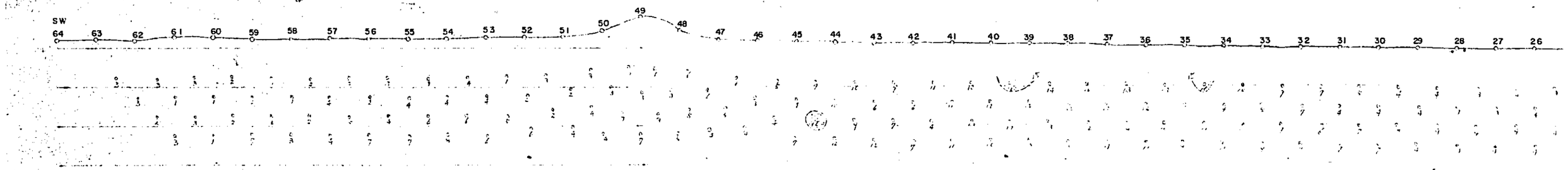
AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100


SW
64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26


SW
64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26


SW
64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26

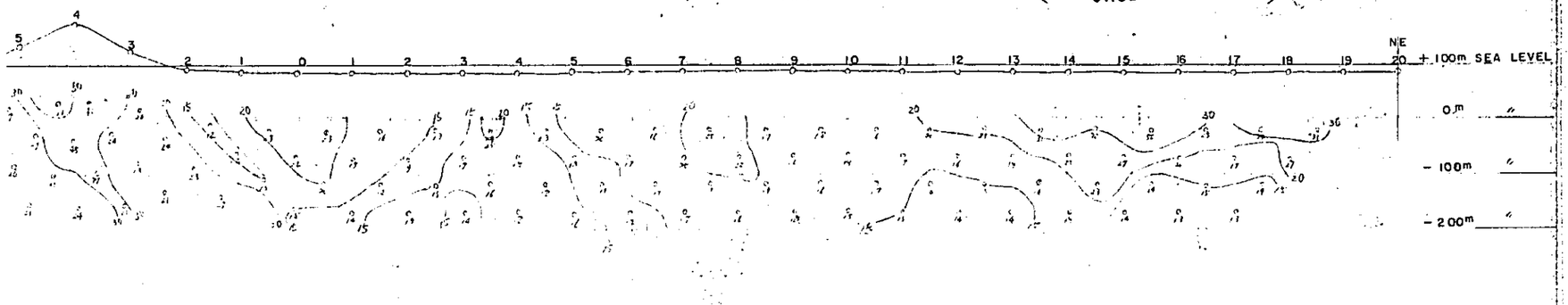
PL. II-6-4 I P PROFILE ON LINE No.15

PL. Ⅱ-6-4 IP PROFILE ON LINE No.15

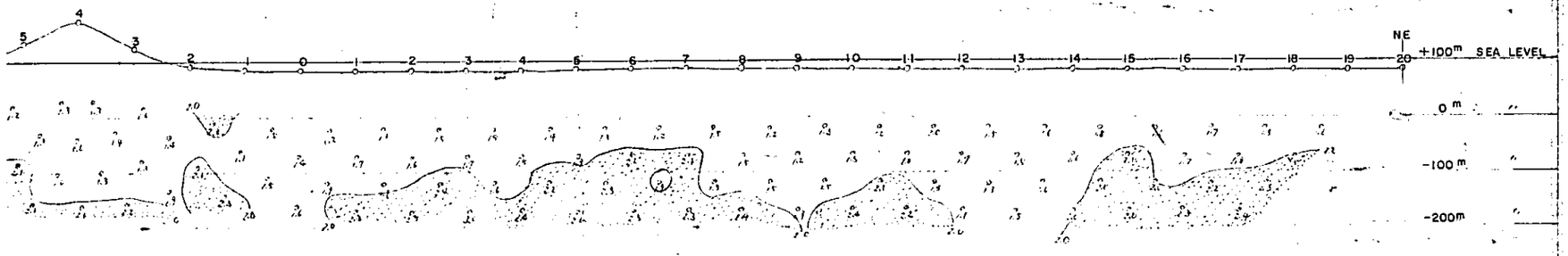
SCALE 1 : 5000

0 100 200 300 400 500m

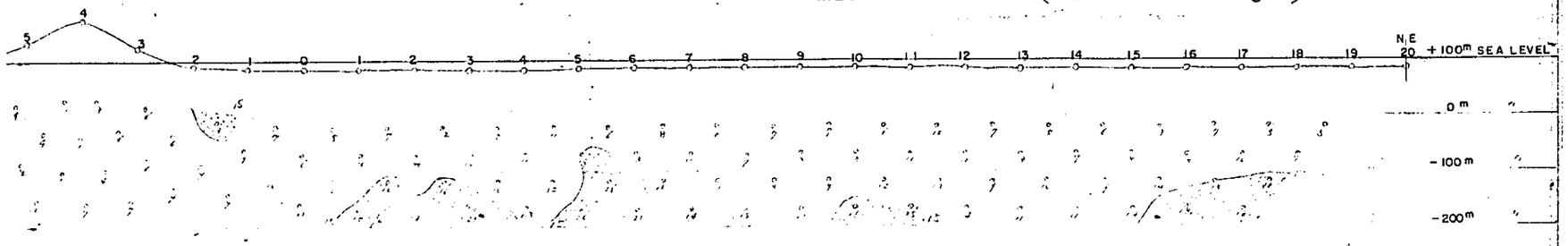
APPARENT RESISTIVITY (AR : ρ_{ACz} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC1}-\rho_{AC2})\div\rho_{AC2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{ACz})

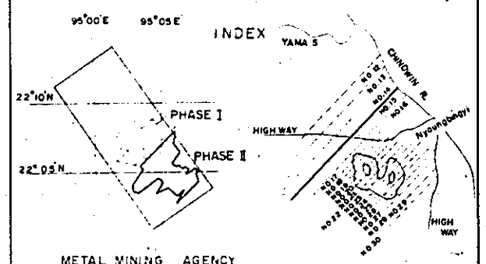


PL. Ⅱ-6-4

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.15

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

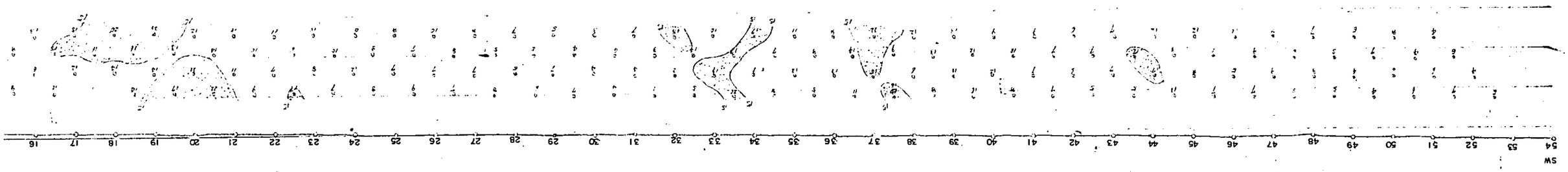
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD.

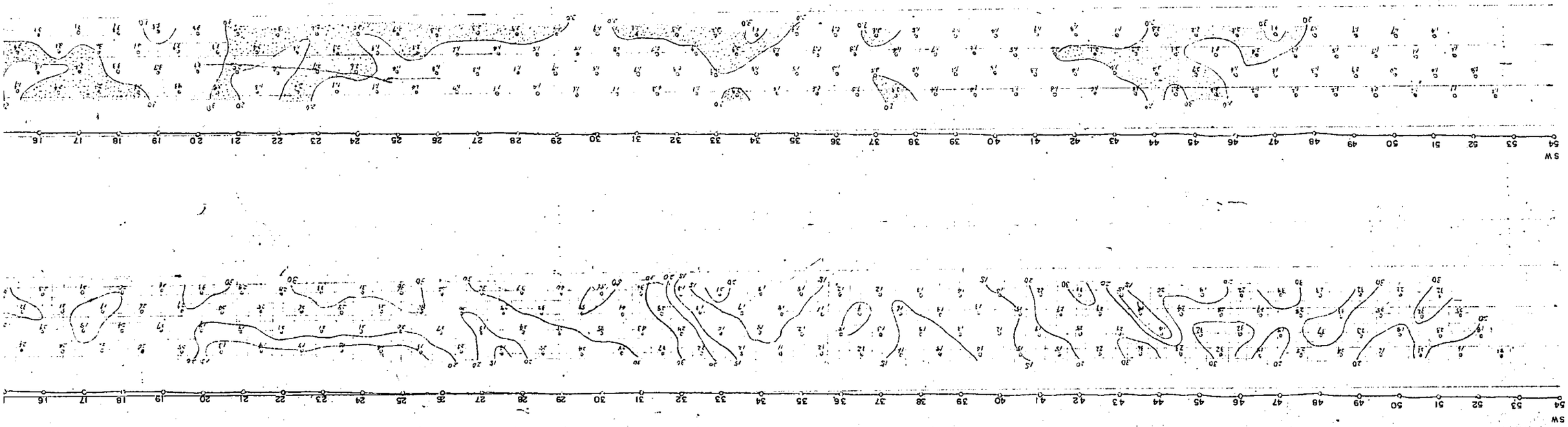
LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 1.5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

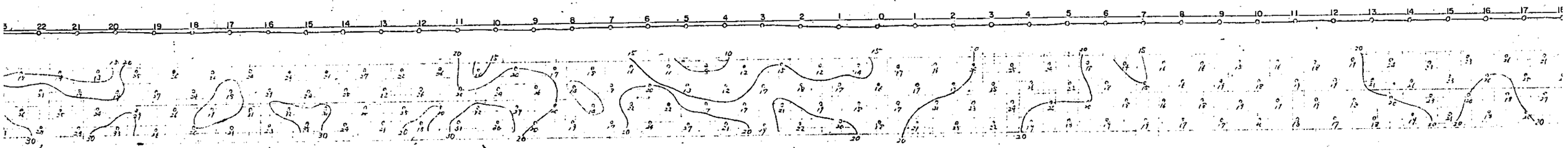

SW
54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16


SW
54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16

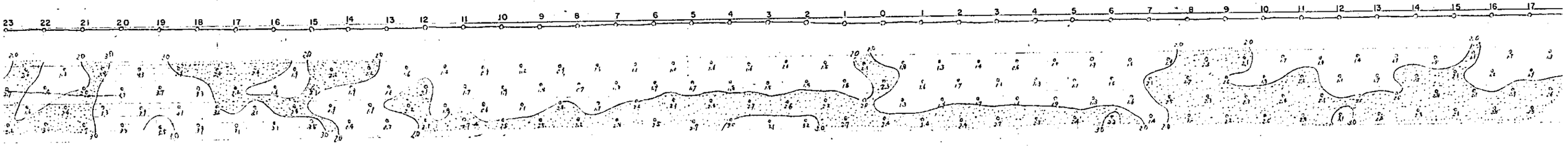
PL. II - 6 - 5　IP PROFILE ON LINE No.16

SCALE 1
0 100 200

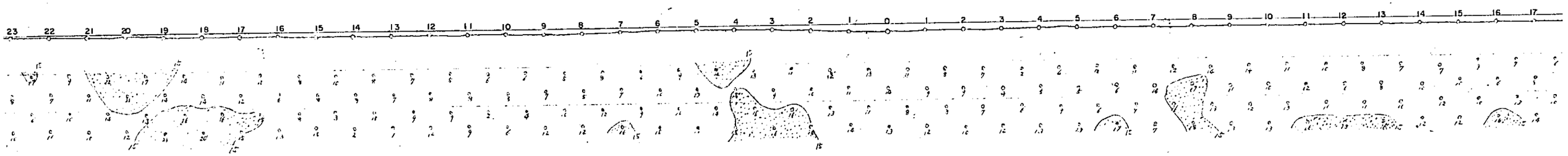
APPARENT RESISTIVITY (AR : ρ_{ac_2} ohm



FREQUENCY EFFECT (FE : (ρ_{ac_1}-ρ_{ac}



METAL FACTOR (MF : FE x 100

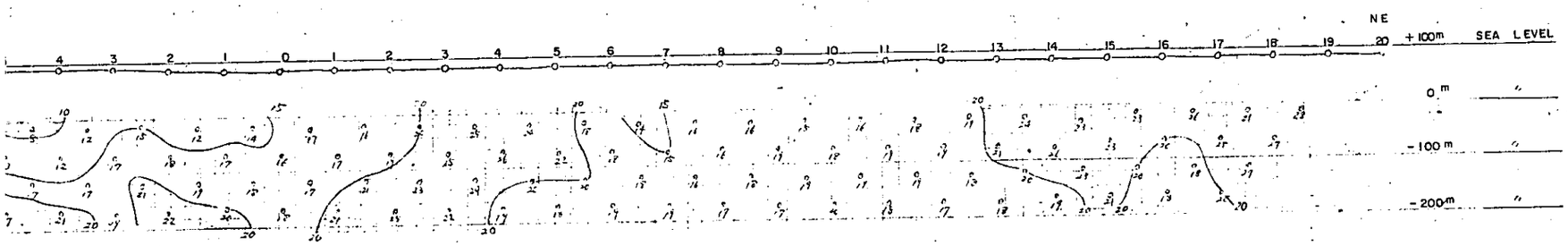


PL. Ⅱ-6-5 IP PROFILE ON LINE No.16

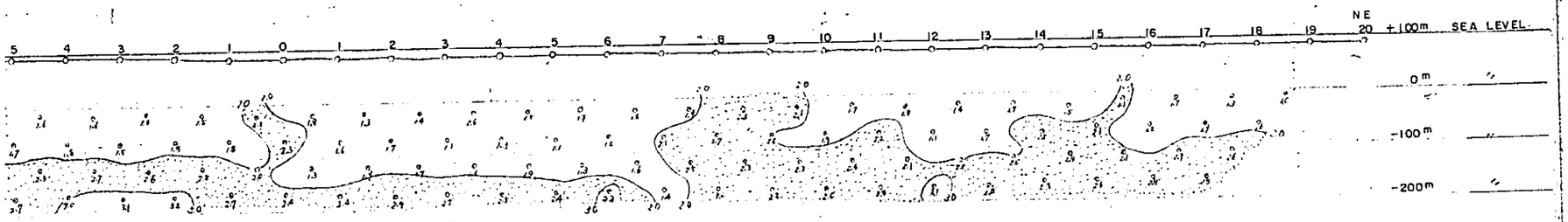
SCALE 1:5 000

0 100 200 300 400 500m

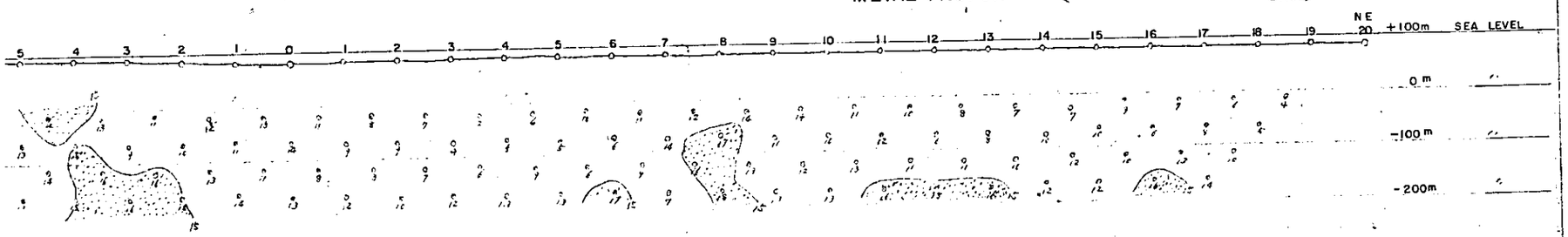
APPARENT RESISTIVITY (AR : ρ_{AC2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC1}-\rho_{AC2})\div\rho_{AC2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC2})

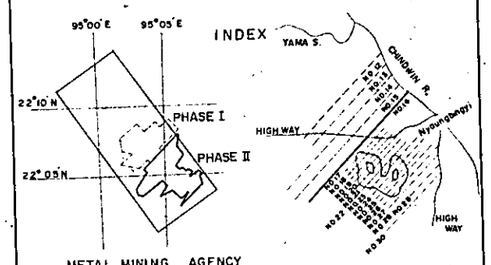


PL. Ⅱ-6-5

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.16

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD.

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20 Ωm
- 20Ωm ~ 50 Ωm
- Over 50 Ωm

FE
- 2% ~ 3 %
- 3% ~ 5 %
- 5% ~ 8%
- Over 8%

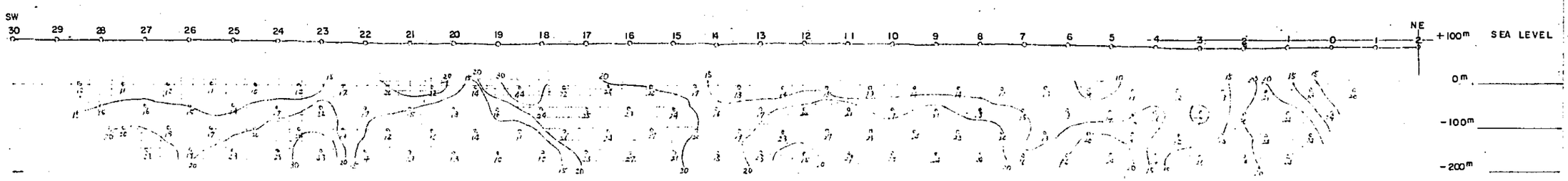
MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II-6-6 IP PROFILE ON LINE No. 17

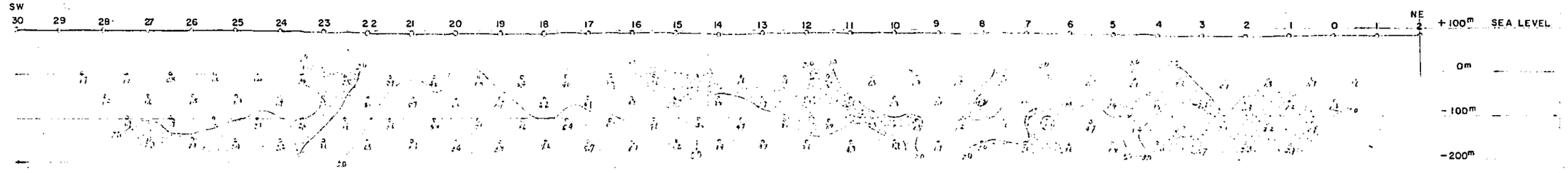
SCALE 1:5000

0 100 200 300 400 500m

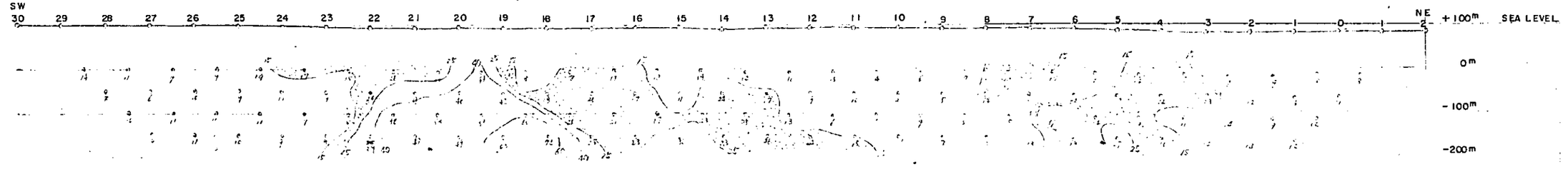
APPARENT RESISTIVITY (AR: ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

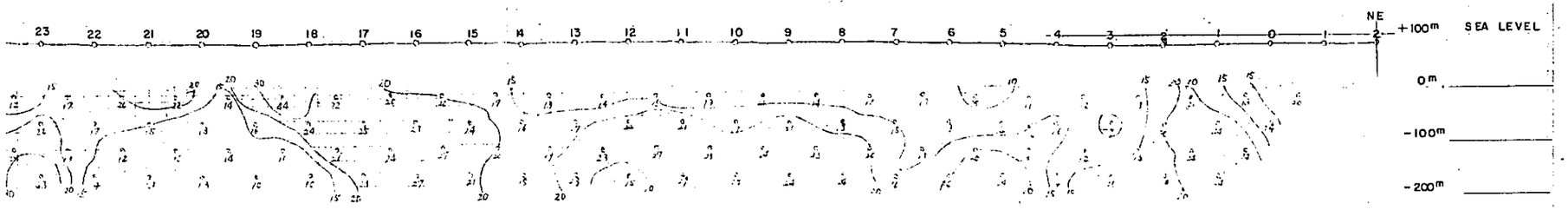


PL. Ⅱ-6-6 IP PROFILE ON LINE No.17

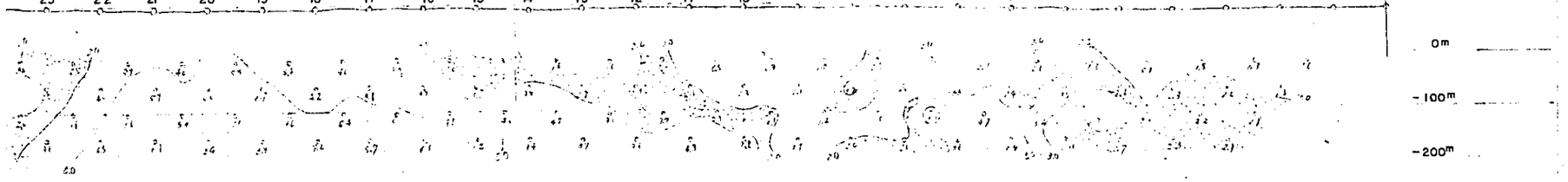
SCALE 1:5000

0 100 200 300 400 500m

APPARENT RESISTIVITY [AR: ρ_{AC_2} ohm-meter]



FREQUENCY EFFECT [FE : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$]



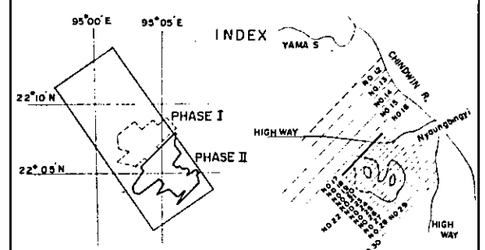
METAL FACTOR [MF : FE x 100 ÷ ρ_{AC_2}]

PL. Ⅱ-6-6

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.17

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO,LTD.

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

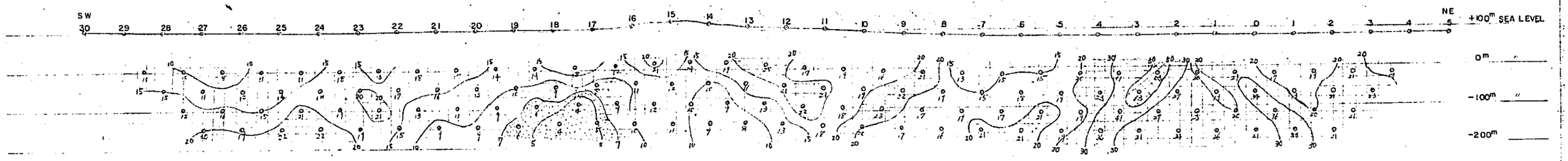
MF
- 1.5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II-6-7 I P PROFILE ON LINE NO. 18

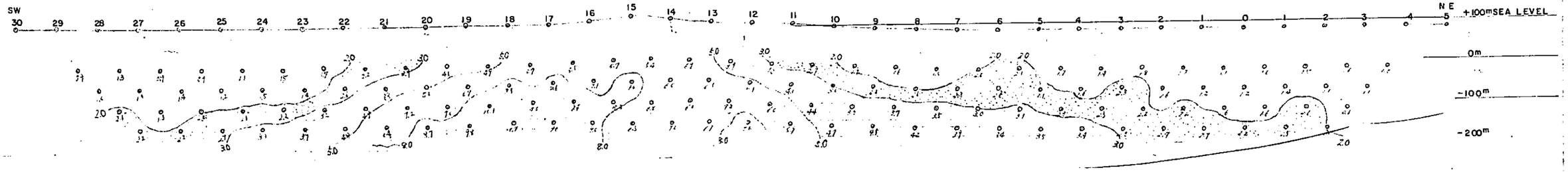
SCALE 1 : 5 000

0 100 200 300 400 500m

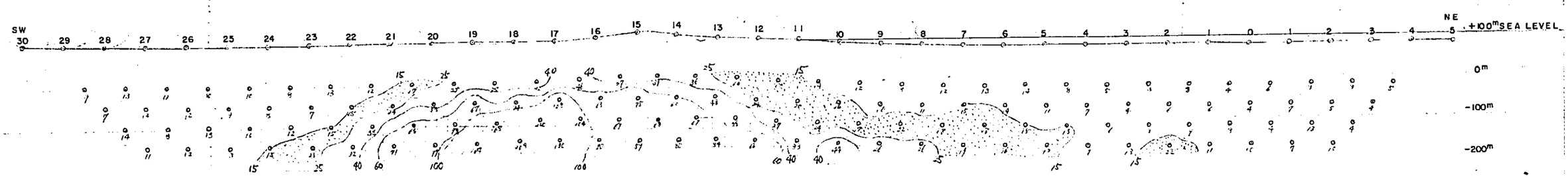
APPARENT RESISTIVITY (AR : ρ_{AC2} Ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC1}-\rho_{AC2})\div\rho_{AC2}\times 100\%$)



METAL FACTOR (MF : FE x 100 $\div\rho_{AC2}$)

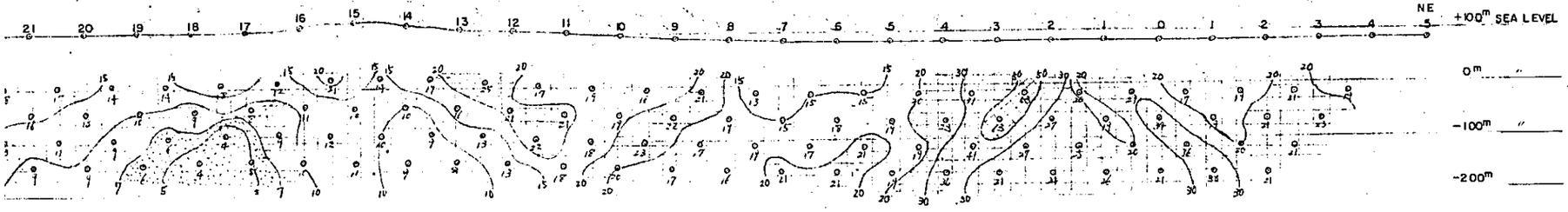


PL. II-6-7 IP PROFILE ON LINE NO. 18

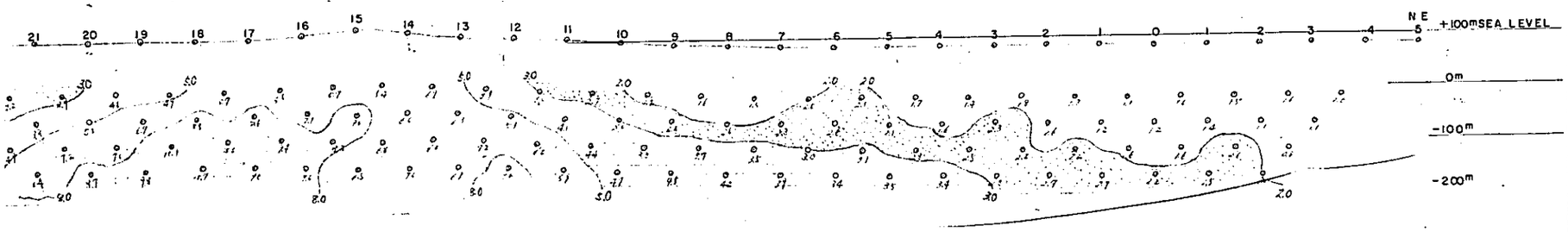
SCALE 1 : 5 000

0 100 200 300 400 500m

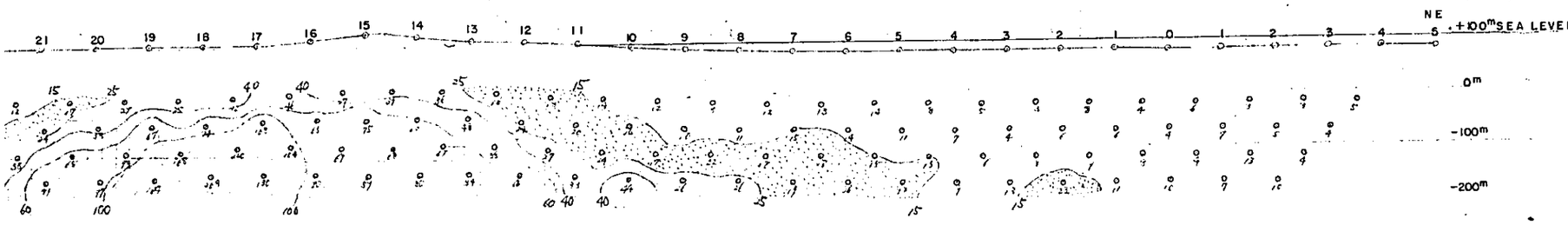
APPARENT RESISTIVITY (AR : ρ_{ac_2} Ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC1}-\rho_{AC2}) \div \rho_{AC2} \times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC2})

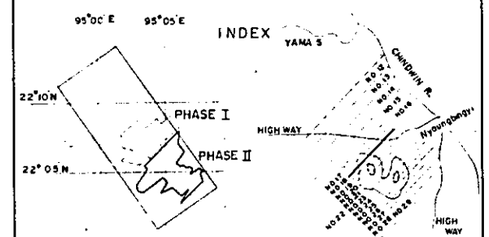


PL. II-6-7

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.18

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

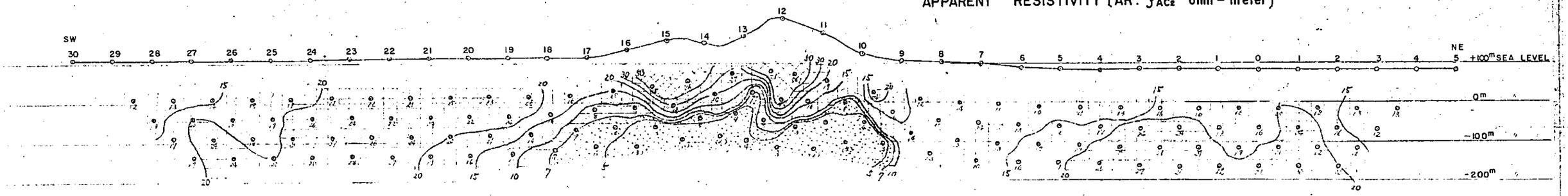
MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II-6-8 I P PROFILE ON LINE No. 19

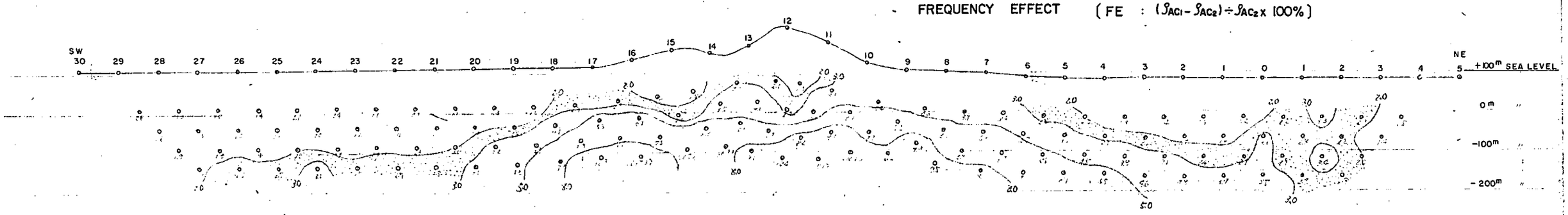
SCALE 1 : 5 000

0 100 200 300 400 500m

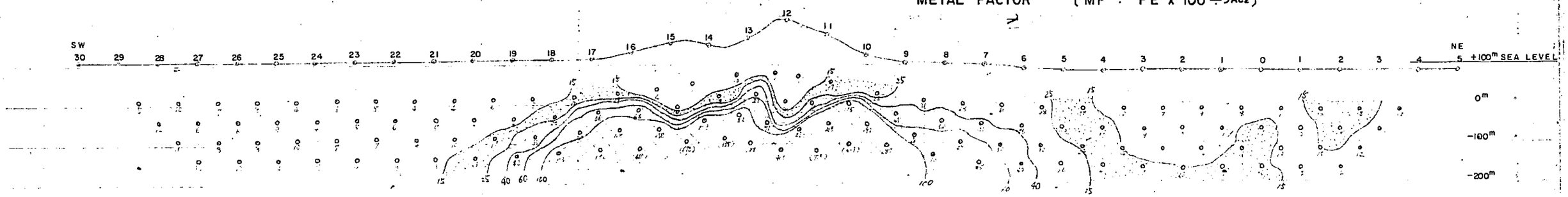
APPARENT RESISTIVITY (AR: ρ_{AC_2} ohm - meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

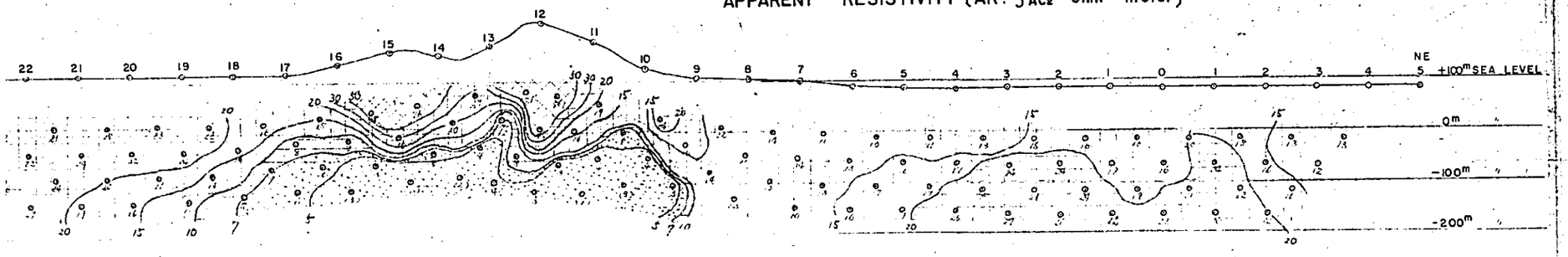


PL. II-6-8 IP PROFILE ON LINE No. 19

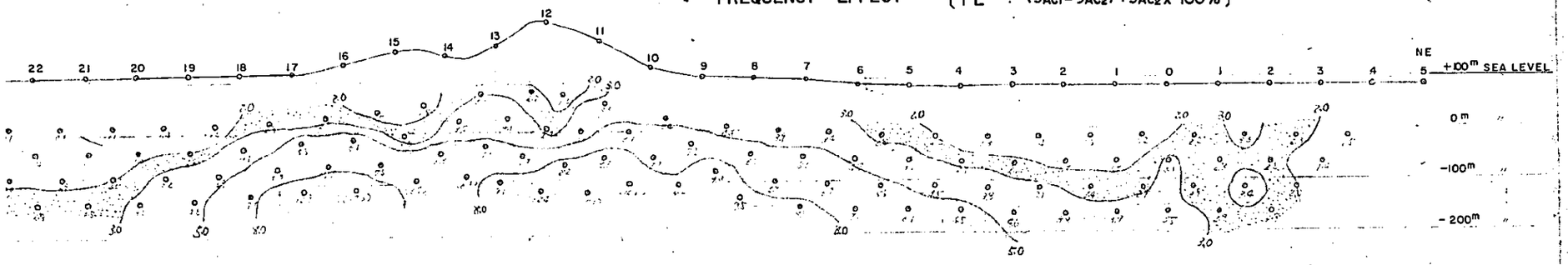
SCALE 1 : 5 000

0 100 200 300 400 500m

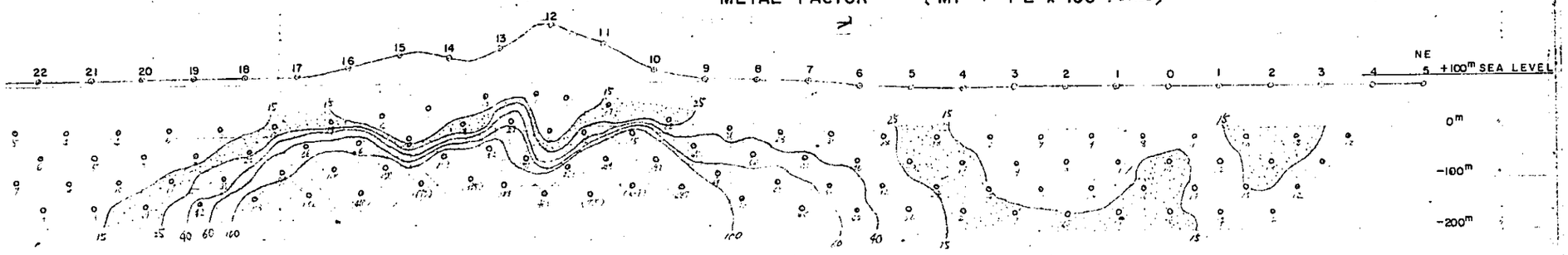
APPARENT RESISTIVITY (AR: ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1}-\rho_{AC_2})\div\rho_{AC_2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

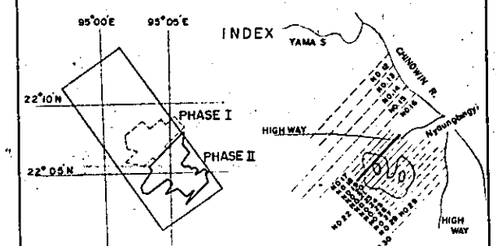


PL. II-6-8

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.19

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

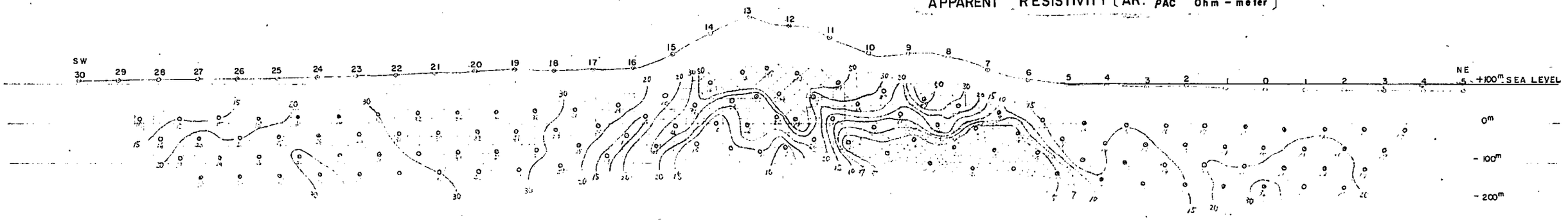
MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II-6-9 IP PROFILE ON LINE No. 20

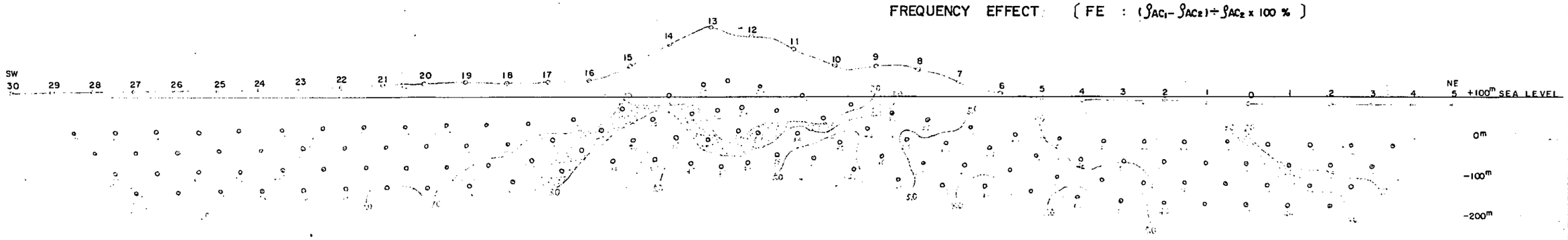
SCALE 1 : 5 000

0 100 200 300 400 500m

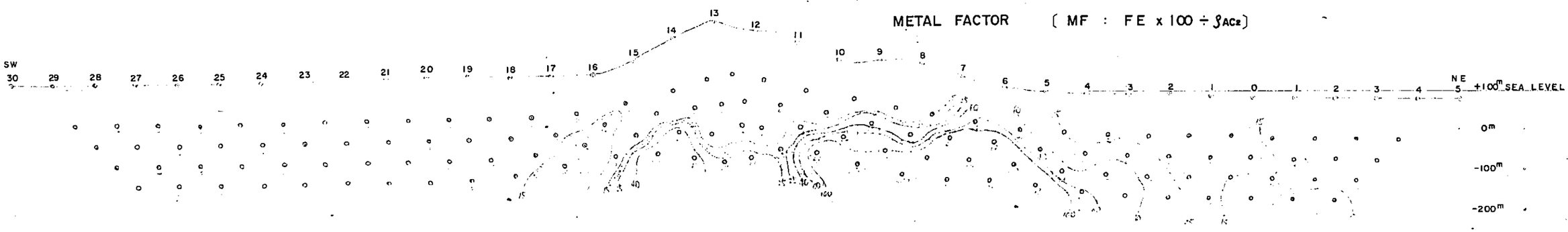
APPARENT RESISTIVITY (AR: ρ_{AC} Ohm - meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100$ %)

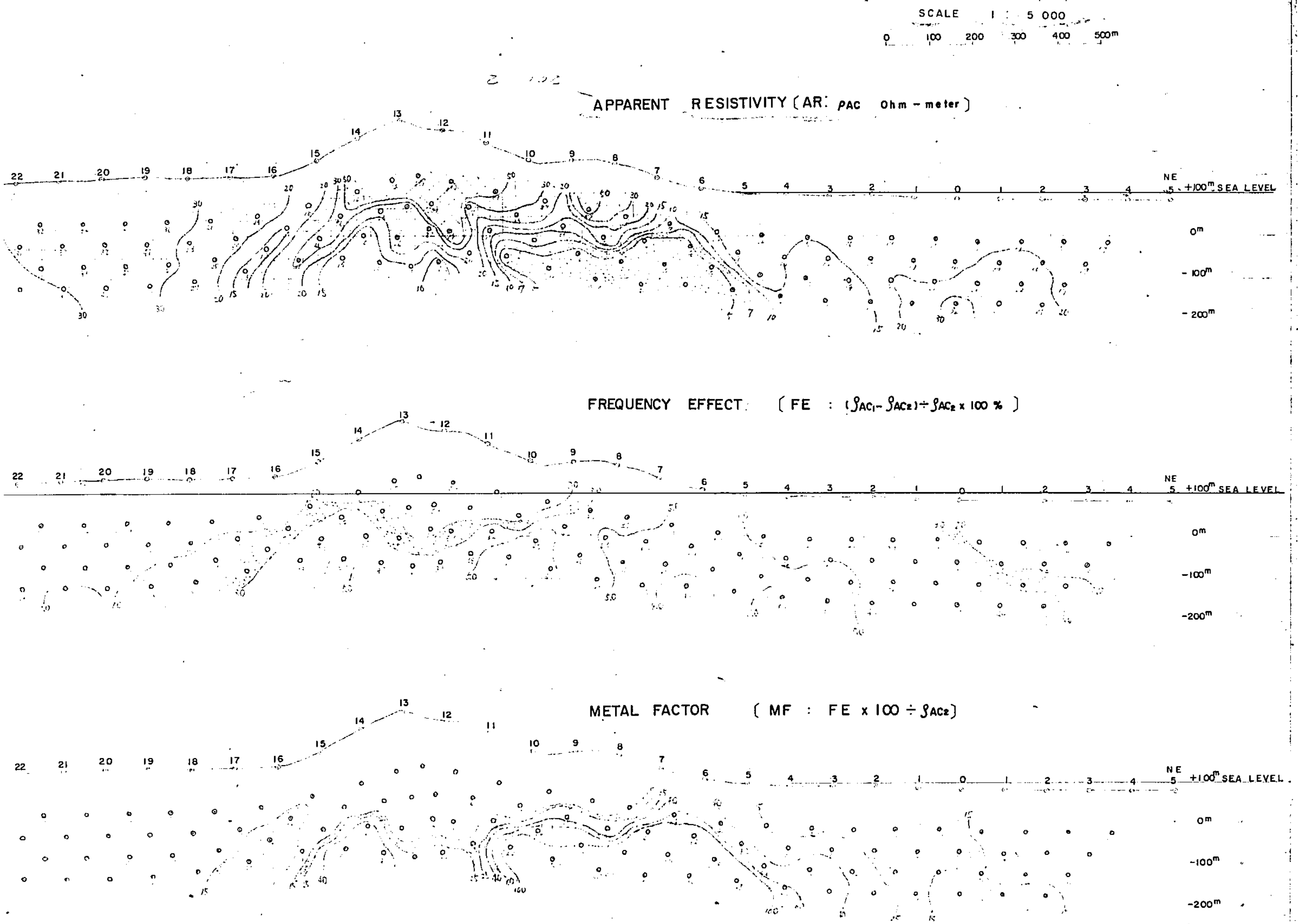


METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})



PL. II-6-9 IP PROFILE ON LINE No.20

SCALE 1 : 5 000

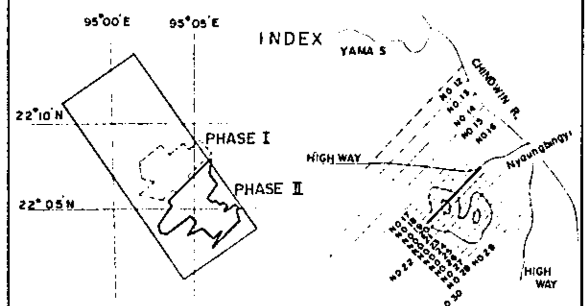


PL. II-6-9

GEOLOGICAL SURVEY OF MONYWA AREA, UNION OF BURMA (PHASE II)

IP PROFILE ON LINE No.20

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

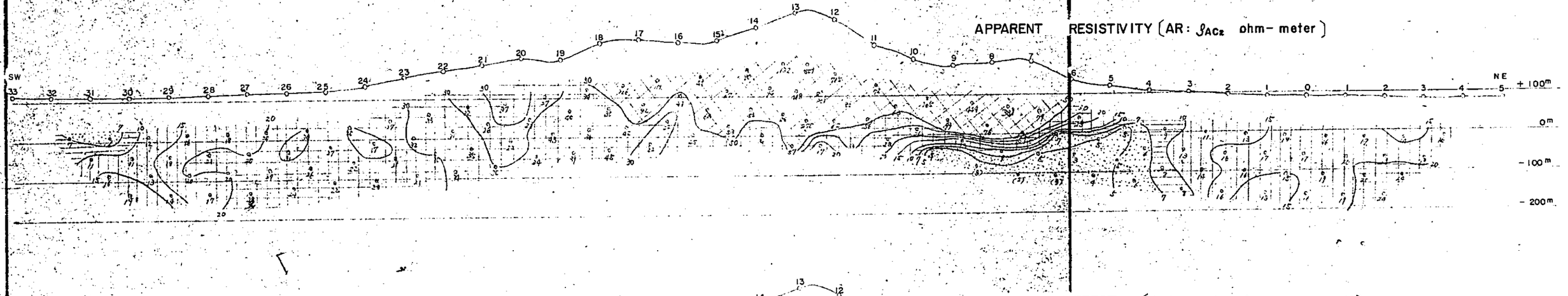
MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II-6~10 I P PROFILE ON LINE No 21

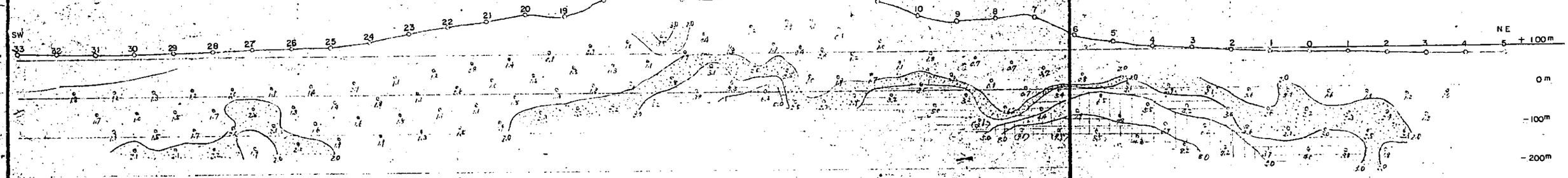
SCALE 1 : 5000

0 100 200 300 400 500m

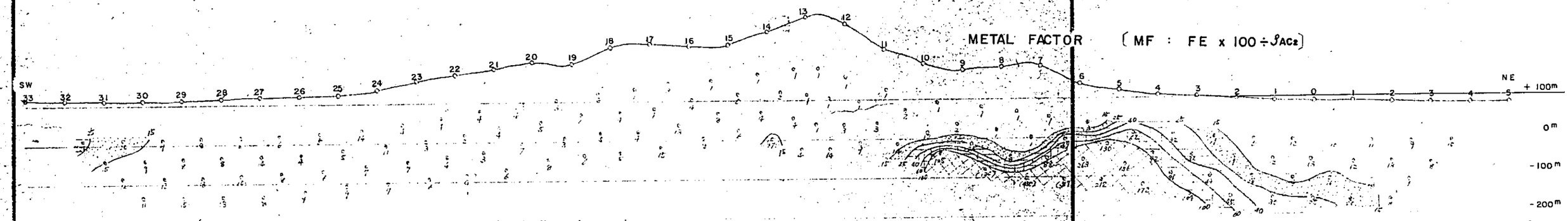
APPARENT RESISTIVITY (AR : ρ_{ac_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{ac_1}-\rho_{ac_2})\div\rho_{ac_2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{ac_2})

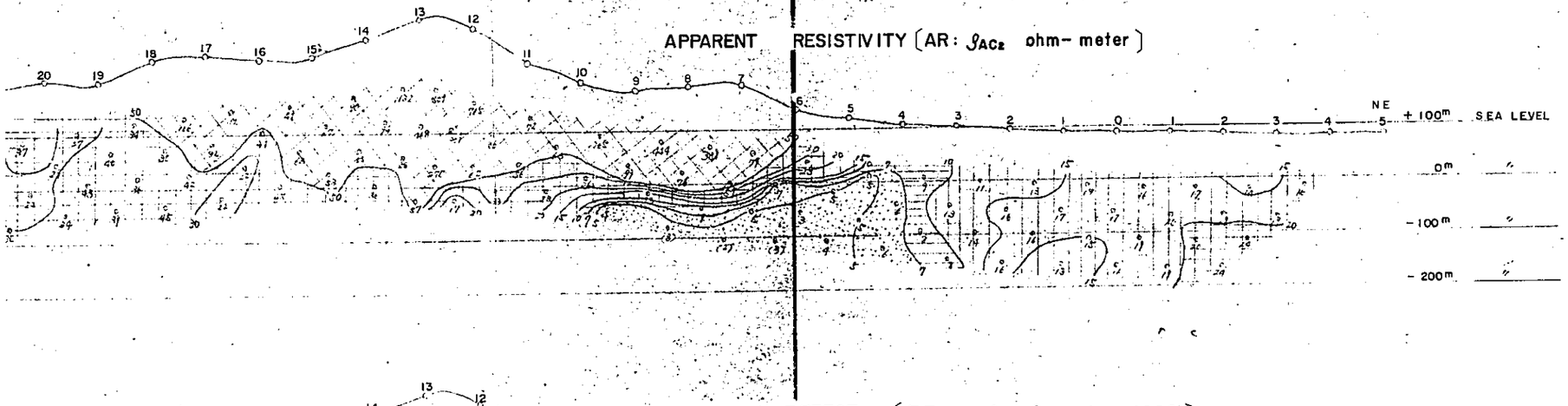


PL. II-6~10 IP PROFILE ON LINE No 21

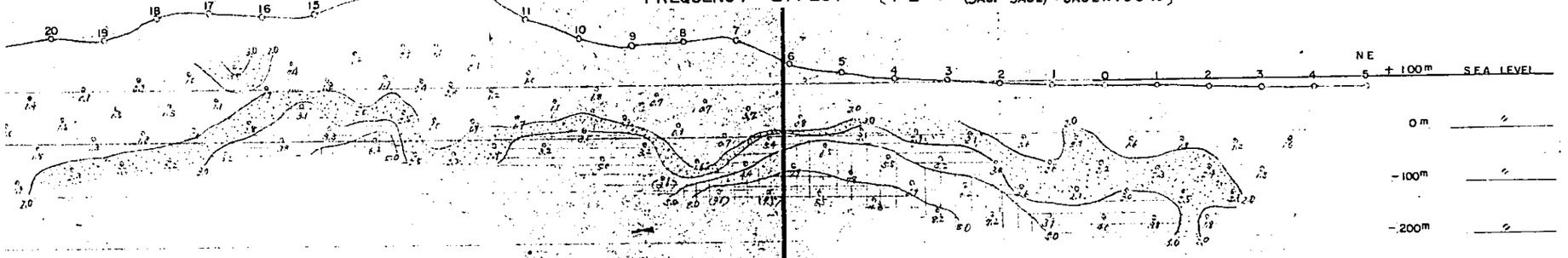
SCALE 1:5000

0 100 200 300 400 500m

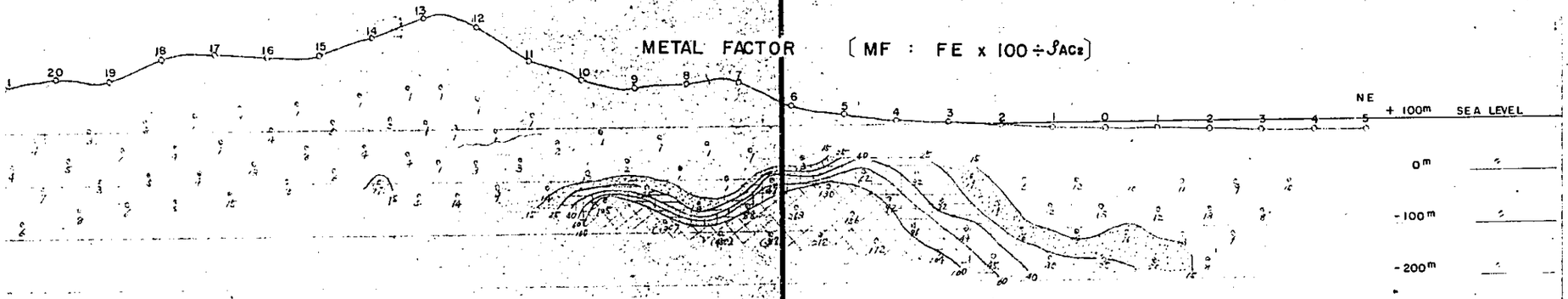
APPARENT RESISTIVITY (AR: ρ_{ac_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{ac_1}-\rho_{ac_2})\div\rho_{ac_2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{ac_2})

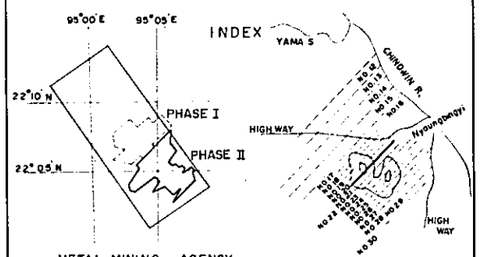


PL. II-6-10

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.21

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD.

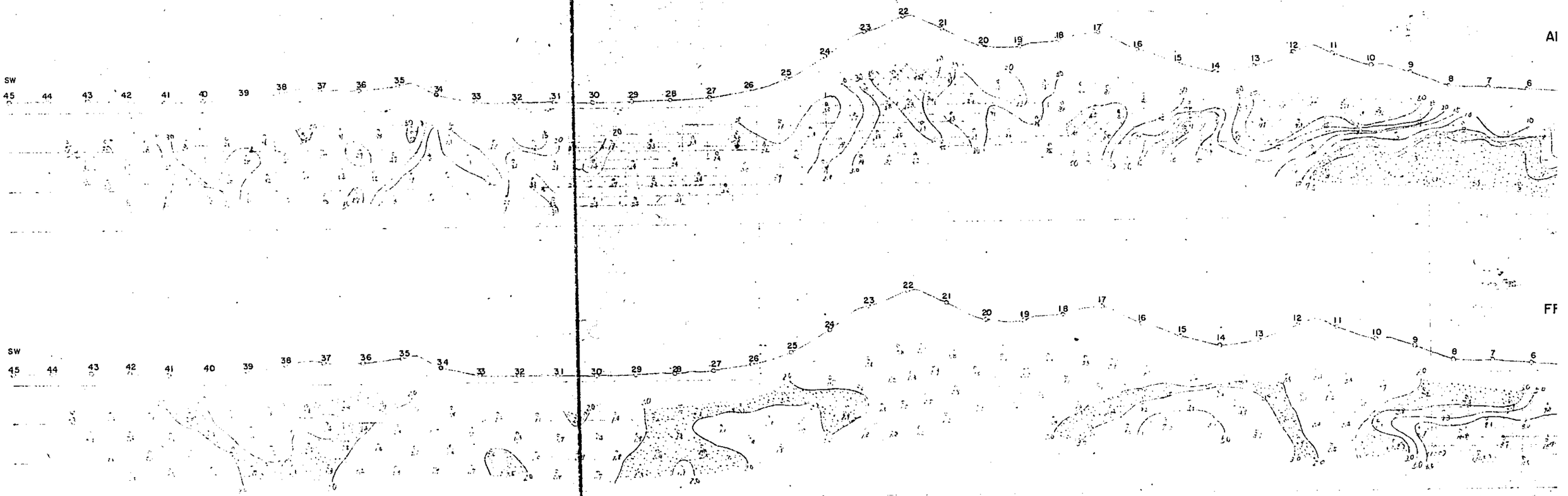
LEGEND

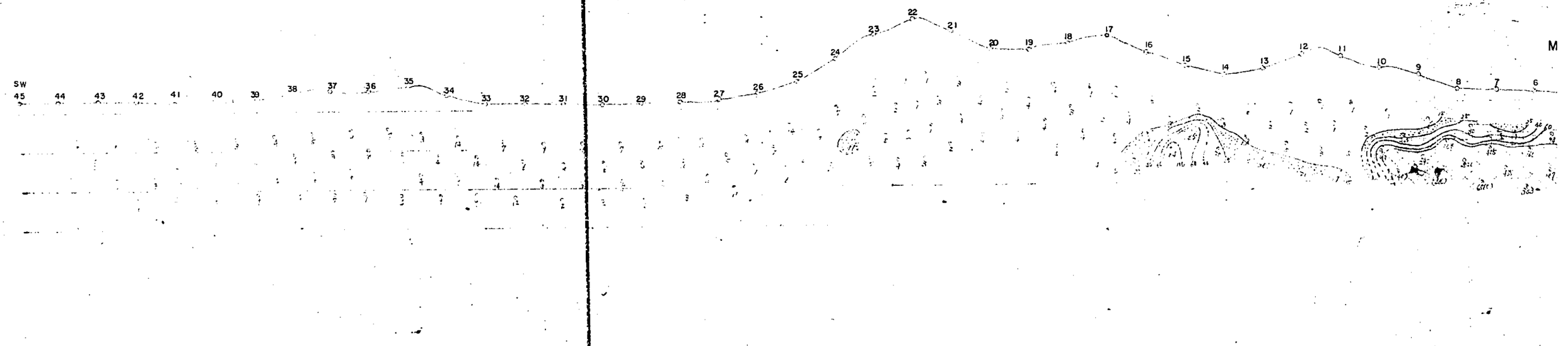
AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II - 6 - 11 IP PROFILE ON LINE



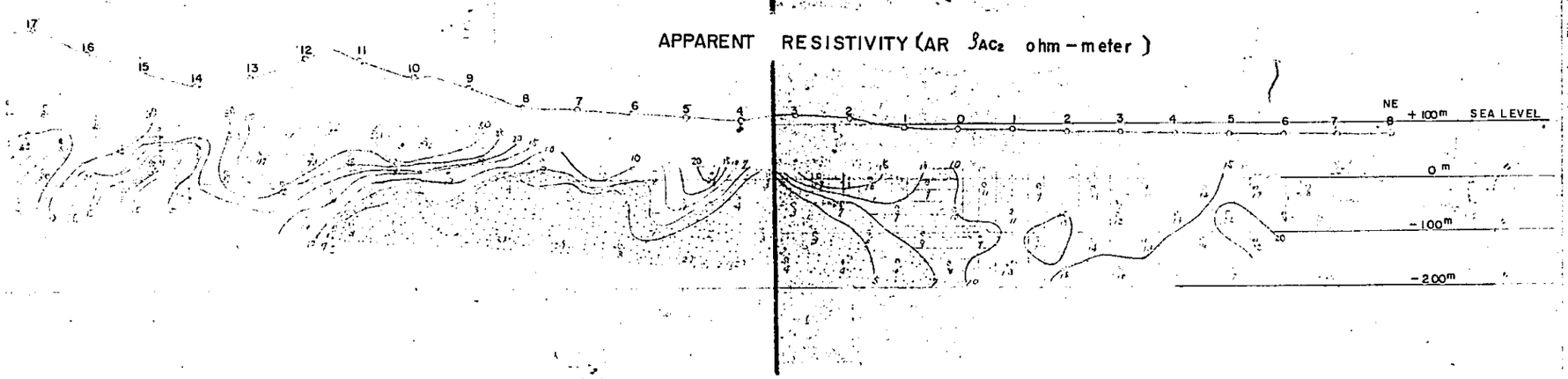


PL. II - 6 - 11 IP PROFILE ON LINE No. 22

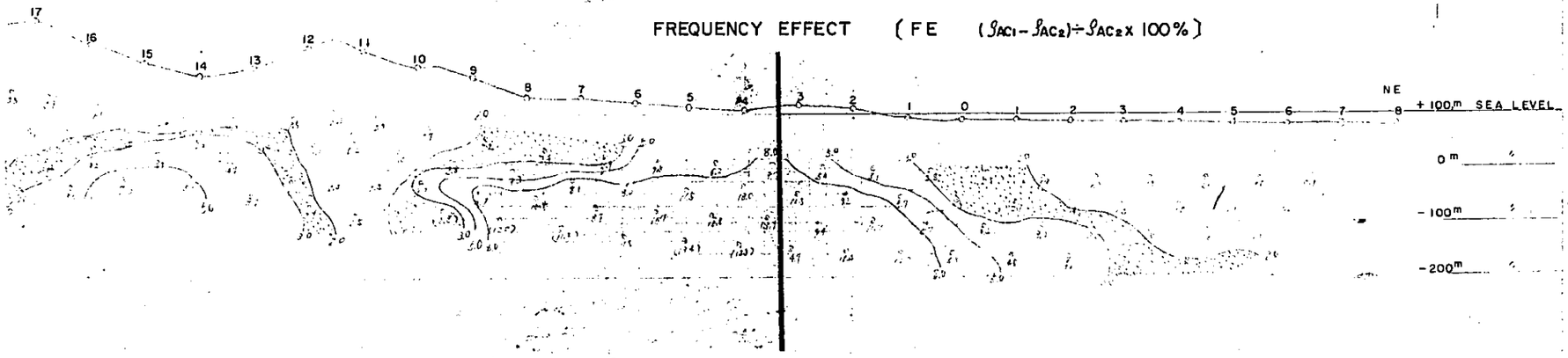
SCALE 1 : 5000

0 100 200 300 400 500m

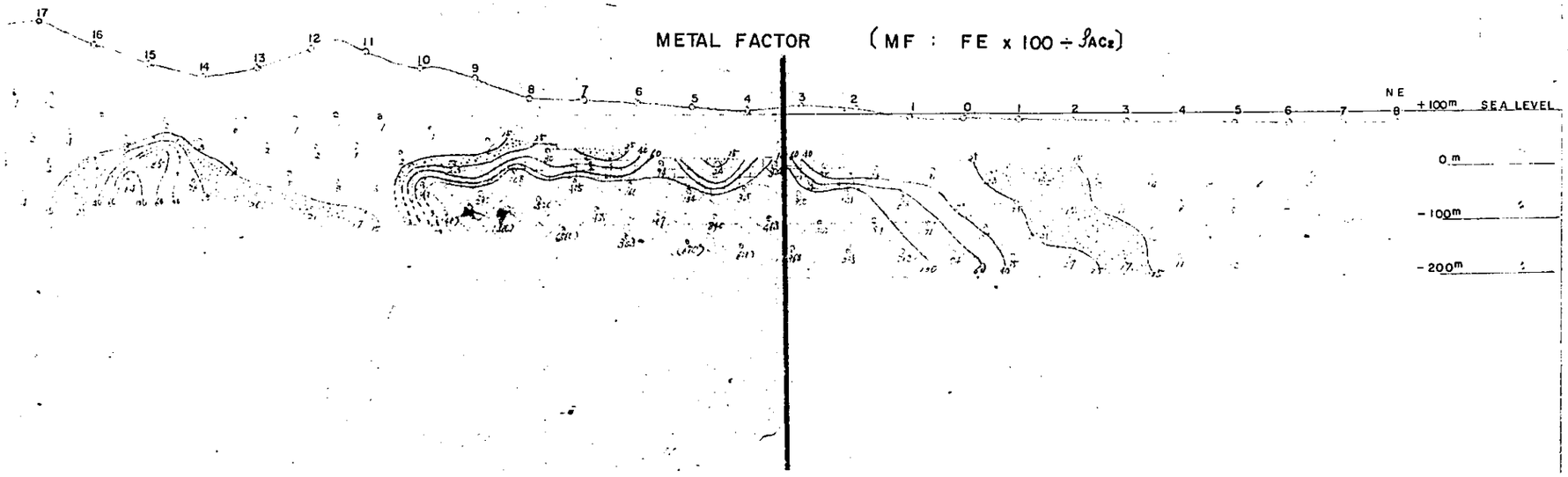
APPARENT RESISTIVITY (AR ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

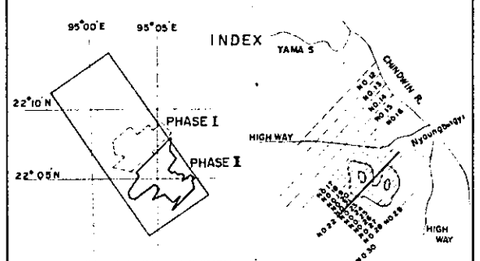


PL. II-6-11

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.22

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

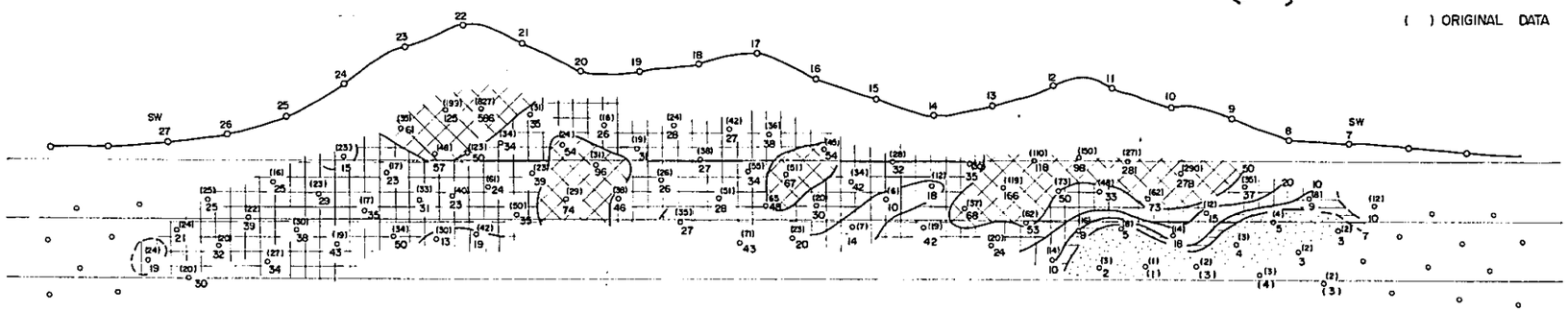
FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 1.5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

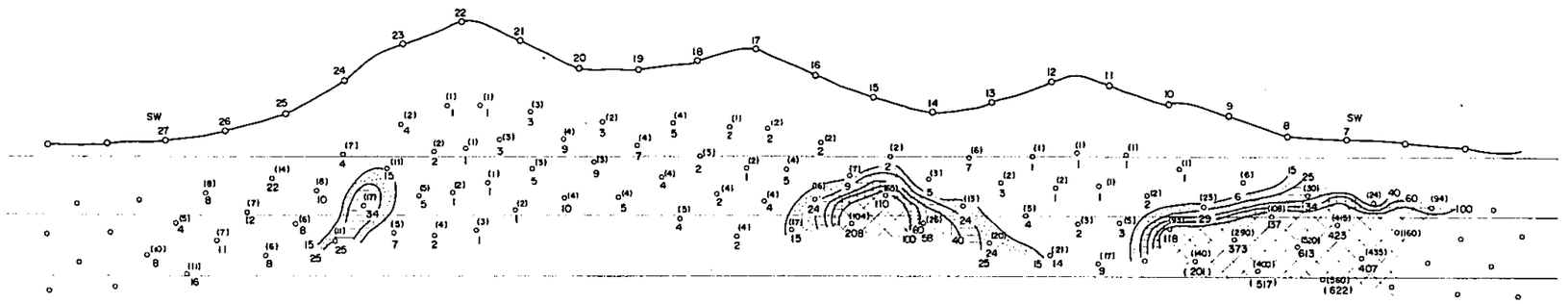
PL. II-6-11(A)　　I P PROFILE ON LINE No. 22

APPARENT RESISTIVITY CORRECTED ON TOPOGRAPHY　(ρ'AC2)

( ) ORIGINAL DATA



METAL FACTOR CORRECTED ON TOPOGRAPHY　(MF')

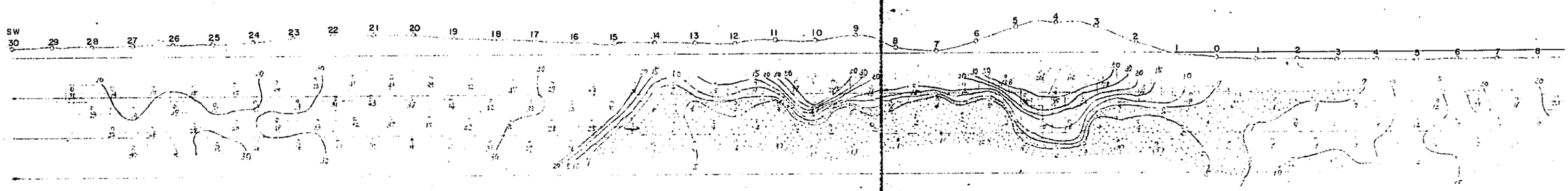


PL. II-6-12 I P PROFILE ON LINE No.23

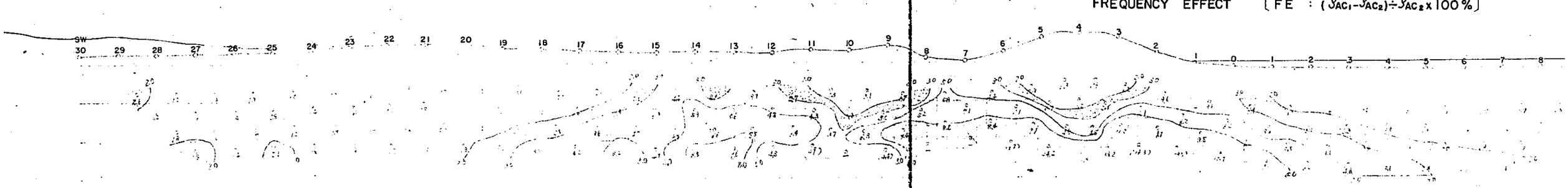
SCALE 1:5000

0 100 200 300 400 500'

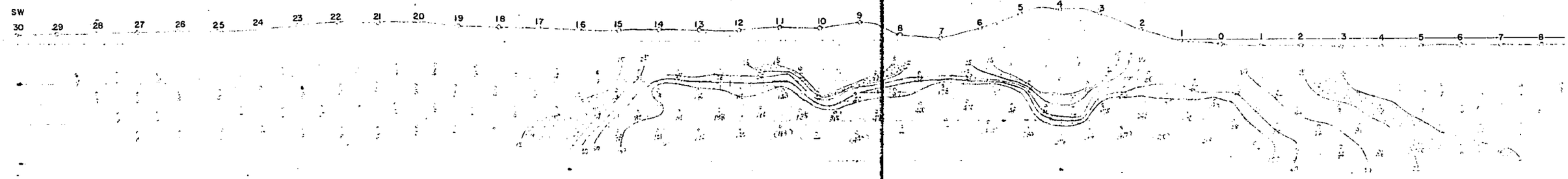
APPARENT RESISTIVITY (AR: ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1}-\rho_{AC_2})\div\rho_{AC_2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

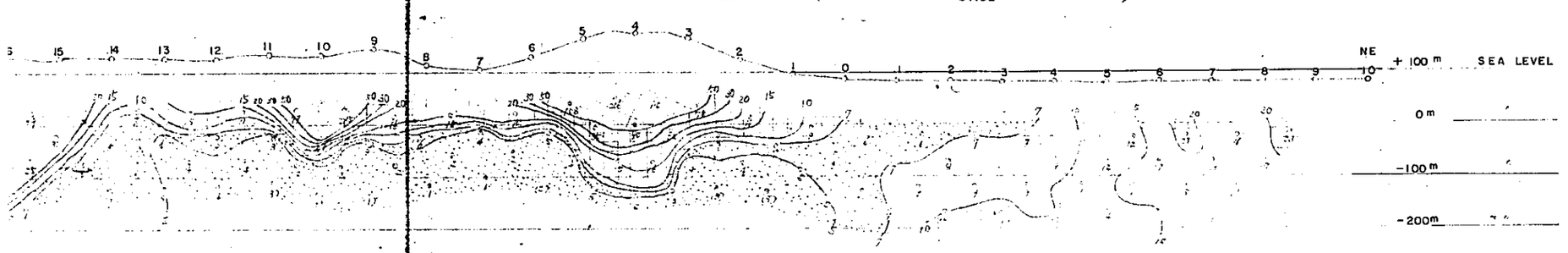


PL. II-6-12 IP PROFILE ON LINE No.23

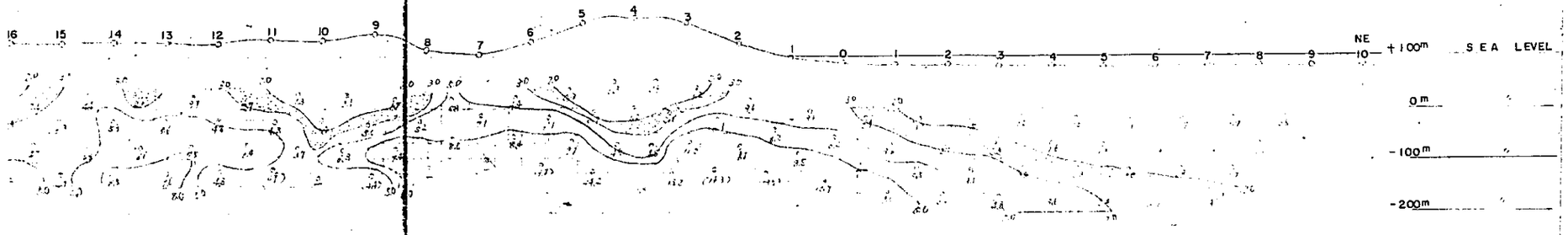
SCALE 1:5000

0 100 200 300 400 500m

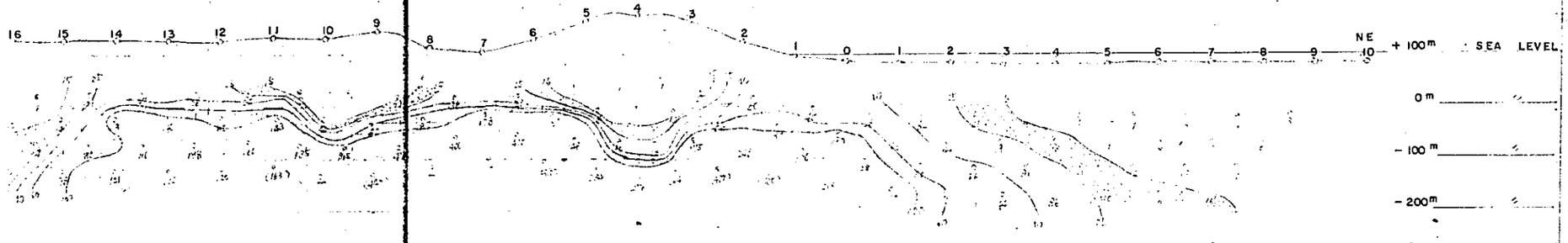
APPARENT RESISTIVITY (AR : ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1}-\rho_{AC_2})\div\rho_{AC_2}\times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

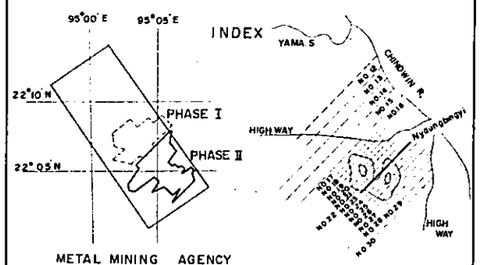


PL. II-6-12

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.23

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD.

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20 Ωm
- 20Ωm ~ 50Ωm
- Over 50 Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

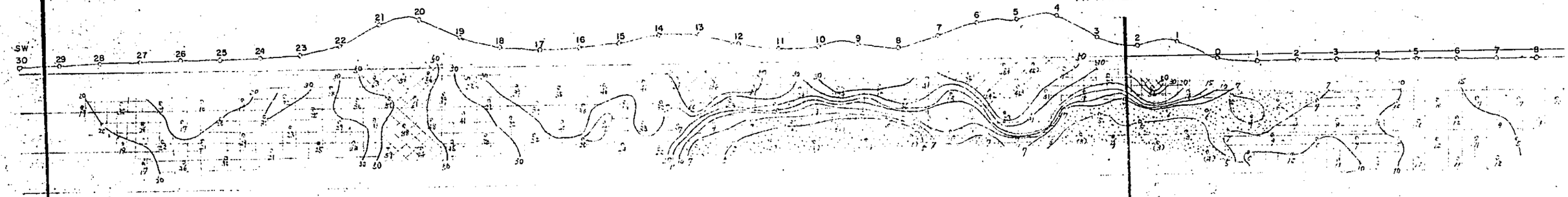
MF
- 1 5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II - 6 - 13 I P PROFILE ON LINE No 24

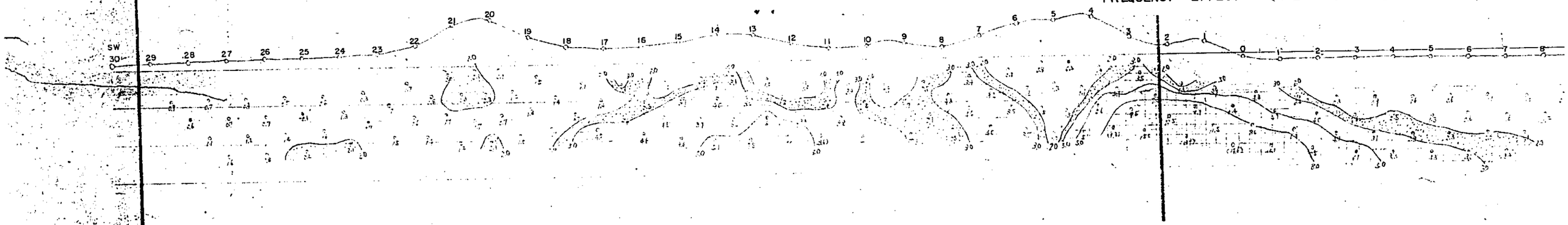
SCALE 1 : 5000

0 100 200 300 400 500m

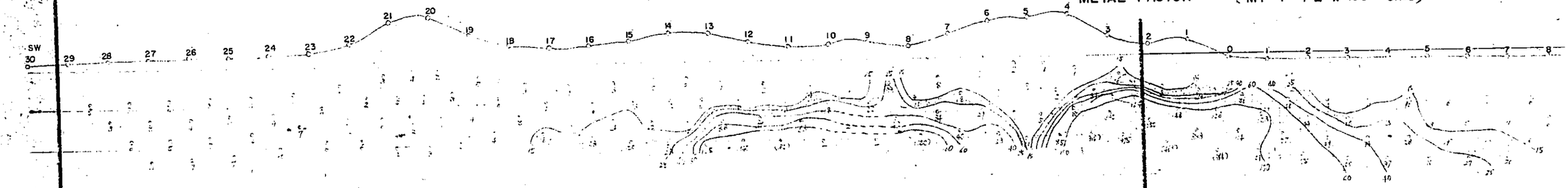
APPARENT RESISTIVITY (AR : ρ_{AC_2} ohm - meter)



FREQUENCY EFFECT (F E : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL FACTOR (M F : F E x 100 ÷ ρ_{AC_2})

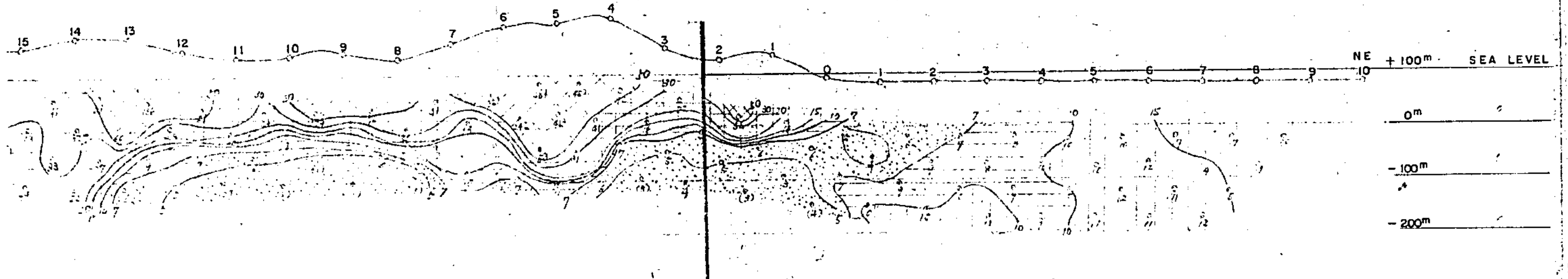


PL. II - 6 - 13 I P PROFILE ON LINE No 24

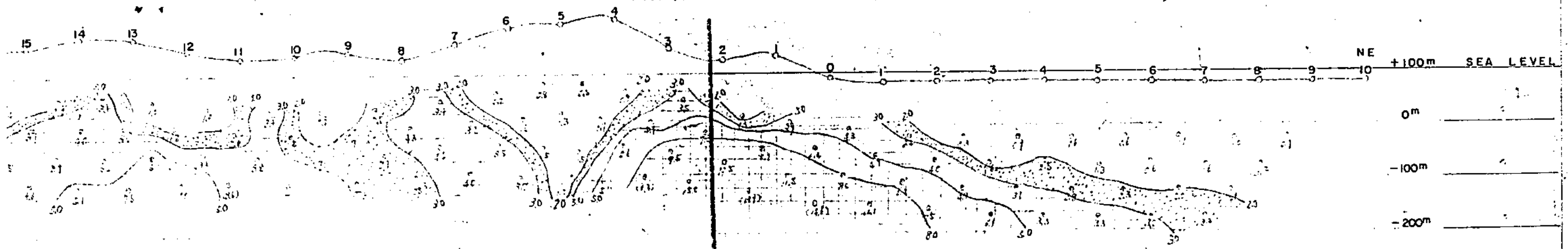
SCALE 1 : 5000

0 100 200 300 400 500m

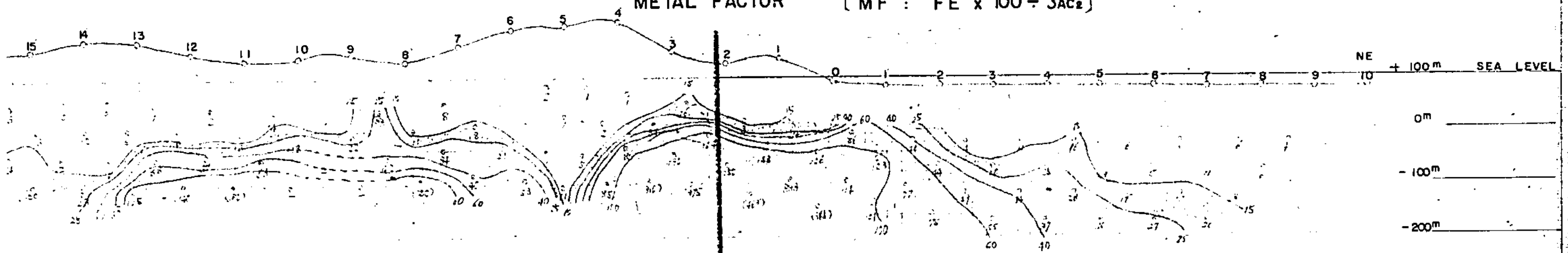
APPARENT RESISTIVITY (AR : ρ_{AC_2} ohm - meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})



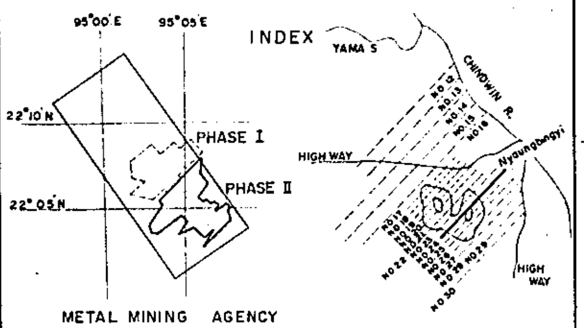
PL. II - 6 - 13

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.24

Scale 1:5,000

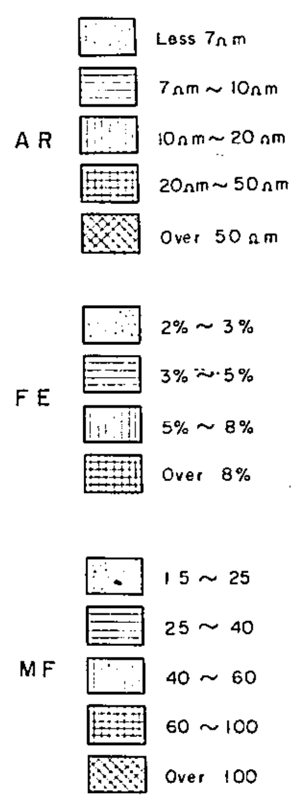
INDEX



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD

LEGEND



PL. II-6-14 I P PROFILE ON LINE No. 25

SCALE 1 : 5000

0 100 200 300 400 500m

APPARENT RESISTIVITY (AR: ρ_{AC_2} ohm-meter)

SW 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 NE

+100m SEA

0m

-100m

-200m

FREQUENCY EFFECT (FE : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)

SW 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 NE

+100m SE

0m

-100m

-200m

METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

SW 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 NE

+100m SE

0m

-100m

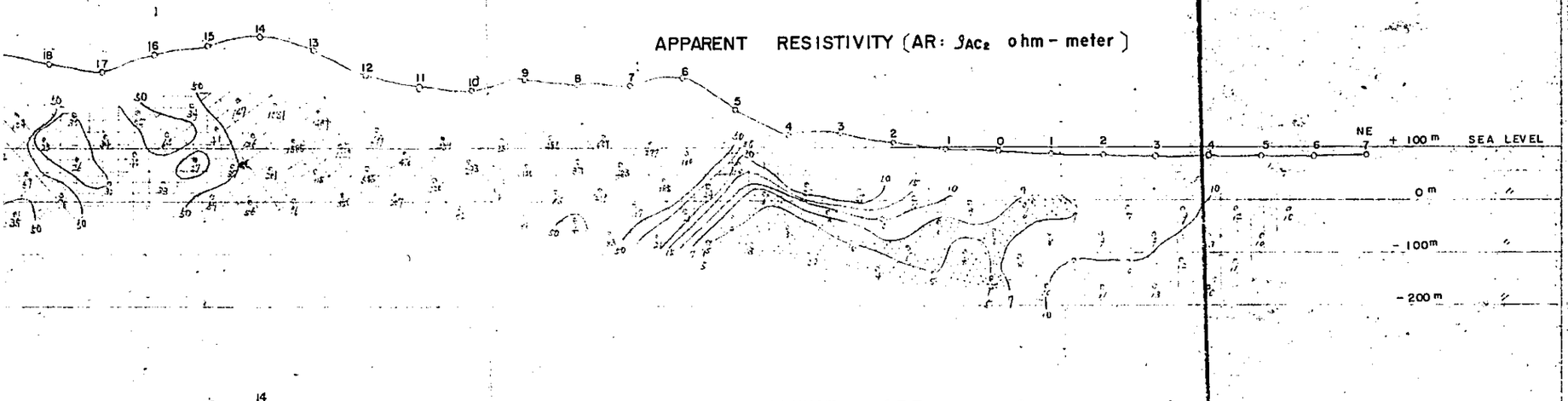
-200m

PL. II-6-14 IP PROFILE ON LINE No. 25

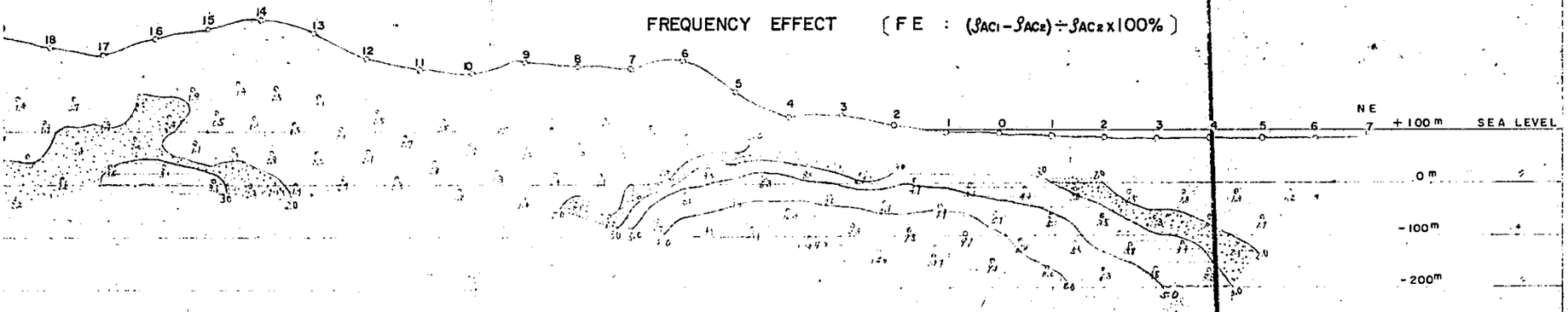
SCALE 1:5000

0 100 200 300 400 500m

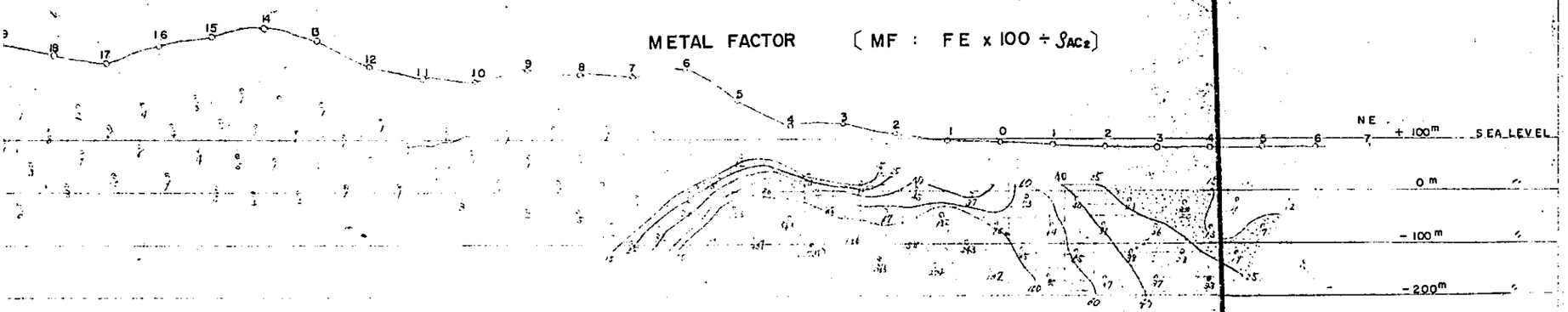
APPARENT RESISTIVITY (AR: ρ_{AC_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{AC_1}-\rho_{AC_2})\div\rho_{AC_2}\times100\%$)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC_2})

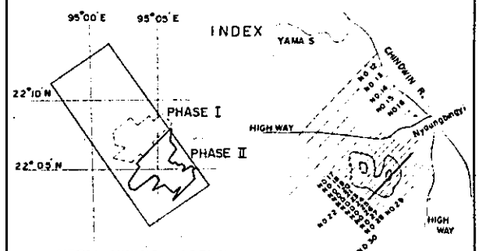


PL. II-6-14

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.25

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

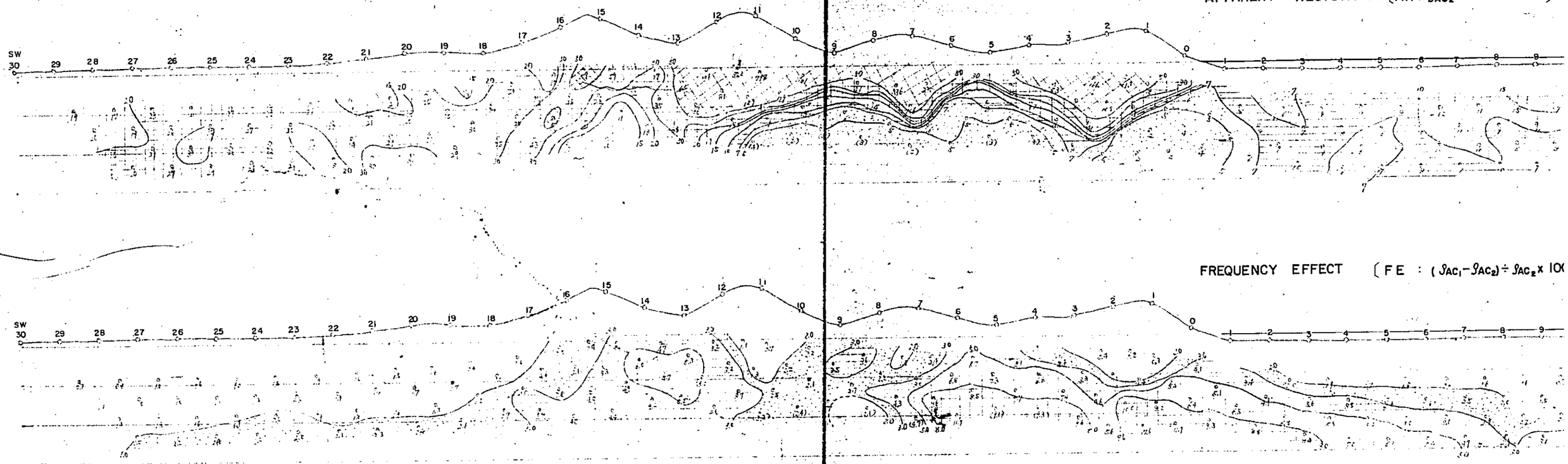
FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. Ⅱ－6－15　I P　PROFILE　ON LINE No. 26

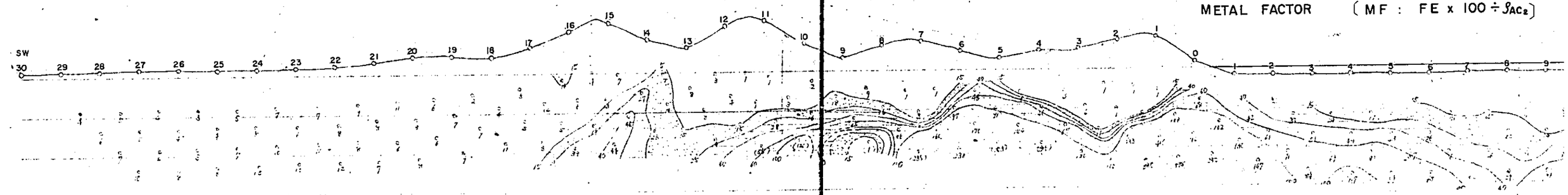
SCALE 1
0　100　200

APPARENT　RESISTIVITY〔AR : ρ_{AC_2} ohm－meter〕



FREQUENCY　EFFECT　〔F E : $(\rho_{AC_1}-\rho_{AC_2})\div\rho_{AC_2}\times 10$

METAL　FACTOR　〔M F : F E x 100 ÷ ρ_{AC_2}〕

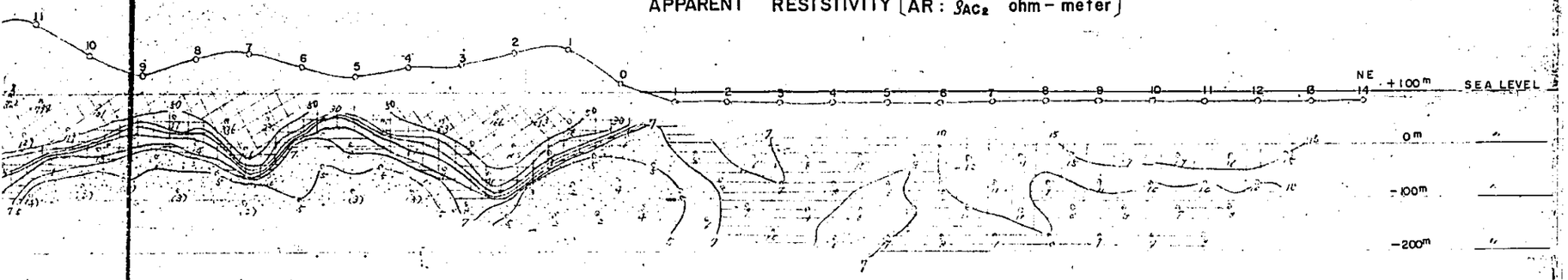


PL. II－6－15　I P　PROFILE　ON LINE No. 26

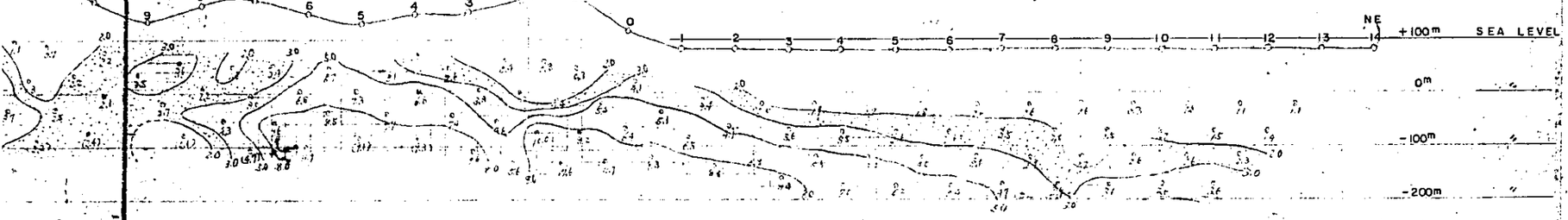
SCALE 1 : 5 000

0　100　200　300　400　500m

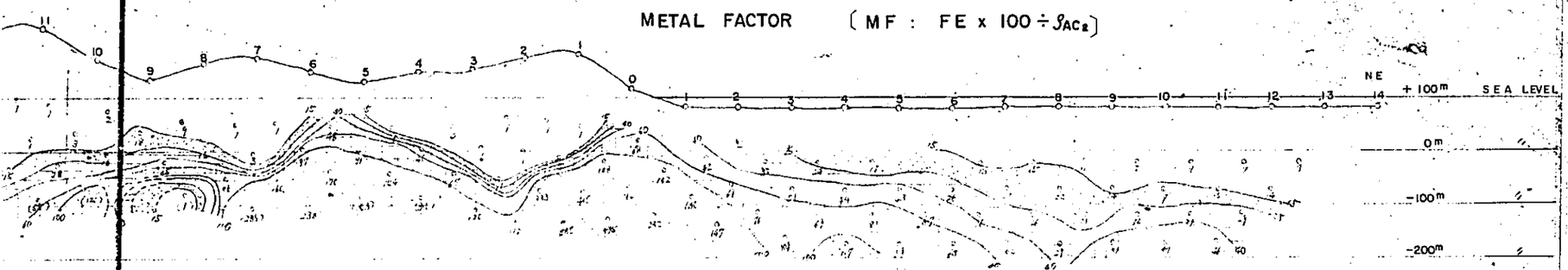
APPARENT　RESISTIVITY (AR : ρ_{AC_2} ohm－meter)



FREQUENCY　EFFECT　(FE : $(\rho_{AC_1}-\rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL　FACTOR　(MF :　FE x 100 ÷ ρ_{AC_2})

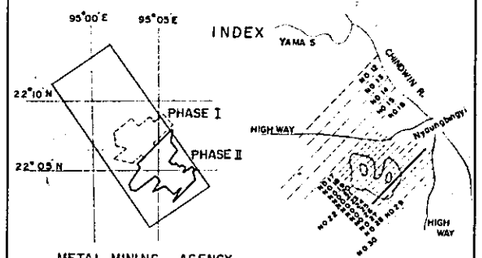


PL. II－6－15

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE II)

IP PROFILE ON LINE No.26

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD.

LEGEND

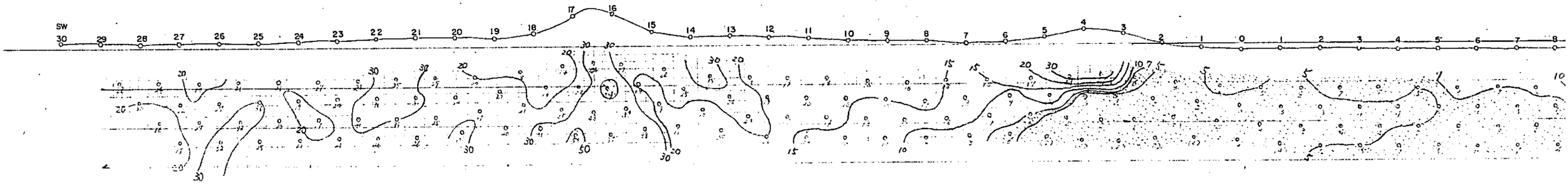
AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

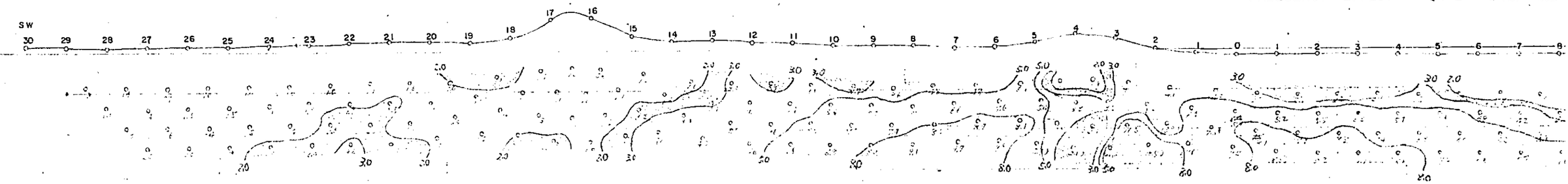
MF
- 1 5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II - 6 - 16　IP PROFILE ON LINE No. 27

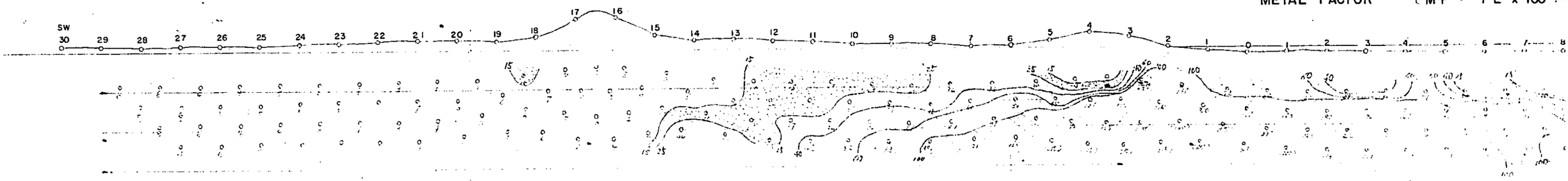
APPARENT RESISTIVITY [AR : ρ_{AC_2} ohm-



FREQUENCY EFFECT [FE : $(\rho_{AC_1}-\rho_{AC_2})\div$



METAL FACTOR [MF : FE x 100 ÷

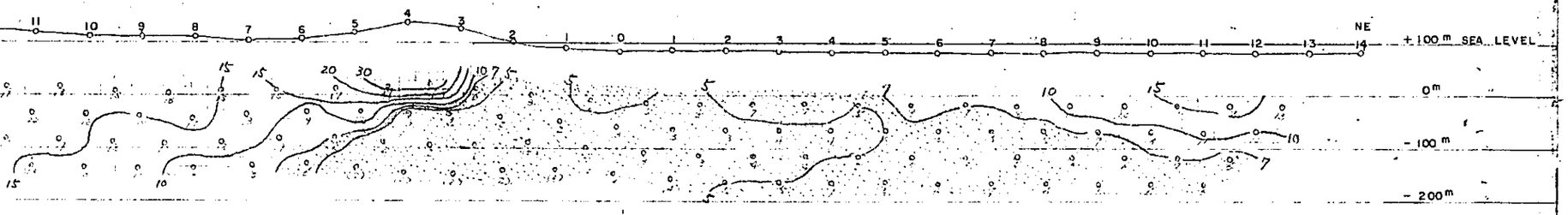


PL. II - 6 - 16 IP PROFILE ON LINE No. 27

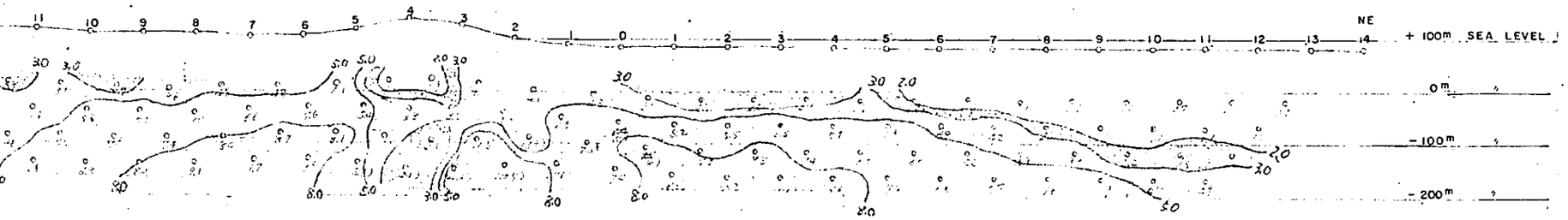
SCALE 1 : 5000

0 100 200 300 400 500m

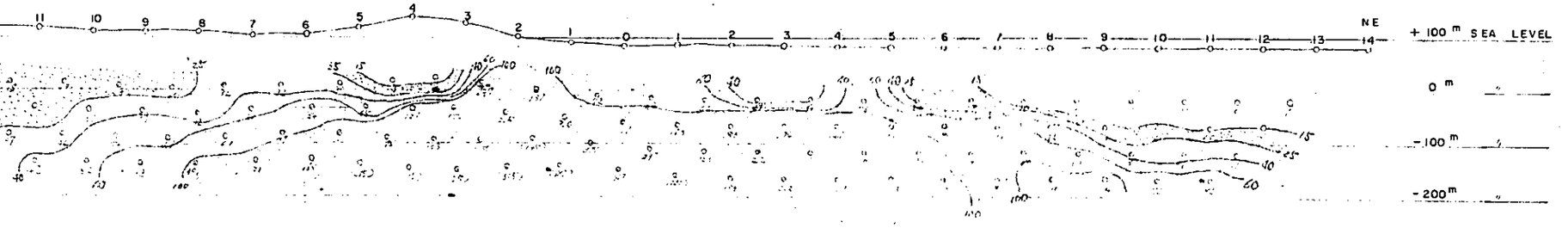
APPARENT RESISTIVITY (AR : ρ_{AC_2} ohm - meter)



FREQUENCY EFFECT (F E : $(\rho_{AC_1} - \rho_{AC_2}) \div \rho_{AC_2} \times 100\%$)



METAL FACTOR (M F : F E x 100 ÷ ρ_{AC_2})

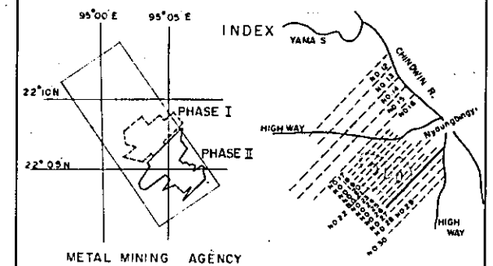


PL. II - 6 - 16

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
- (PHASE II)

IP PROFILE ON LINE No. 27

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

LEGEND

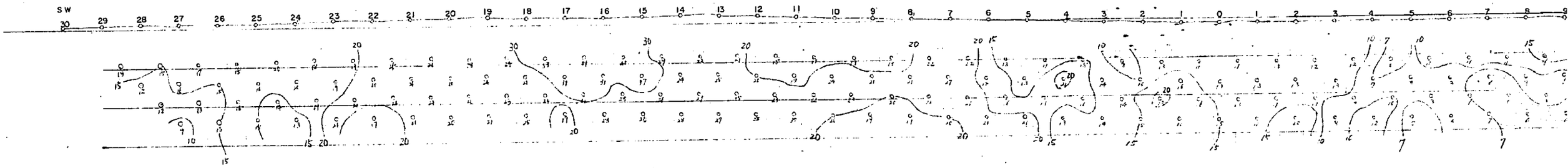
AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20 nm
- 20Ωm ~ 50Ωm
- Over 50 Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

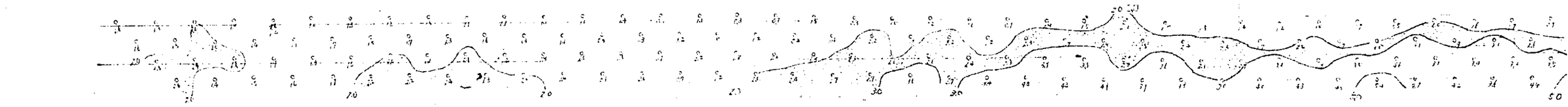
MF
- 1 5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II – 6 – 17 I P PROFILE ON LINE No. 28

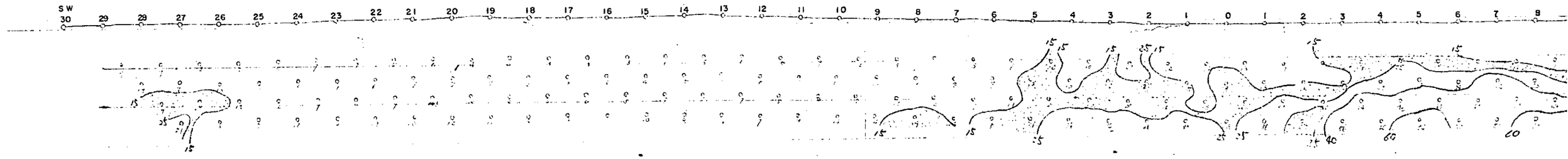
APPARENT RESISTIVITY (A



FREQUENCY EFFECT (F



METAL FACTOR (MF

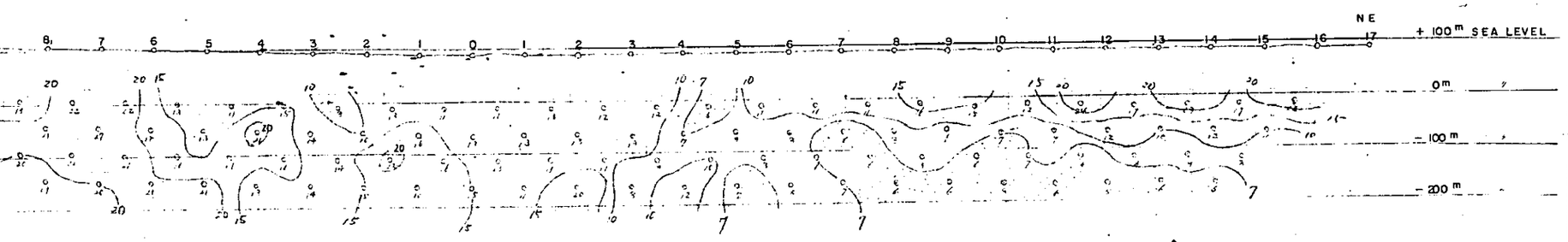


PL. Ⅱ－6－17　IP PROFILE ON LINE No. 28

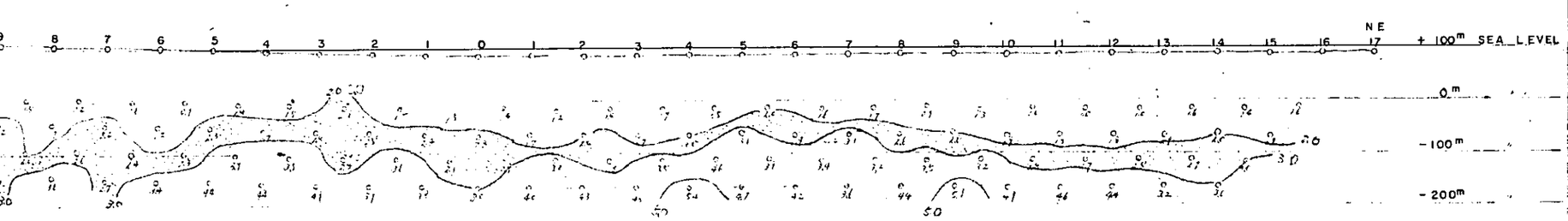
SCALE 1:5000

0　100　200　300　400　500m

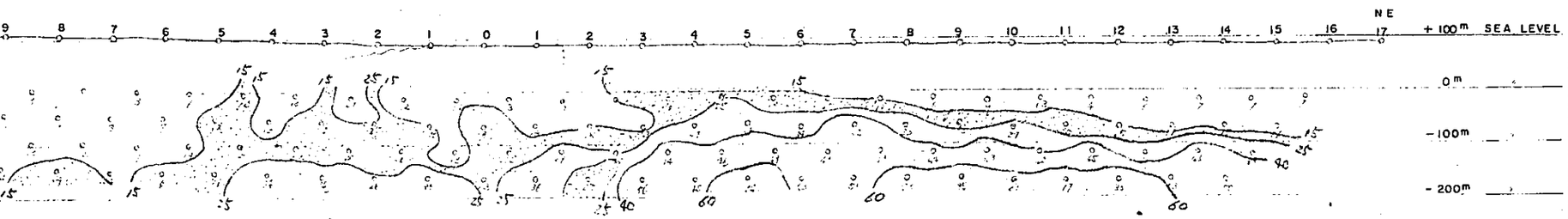
APPARENT RESISTIVITY (AR : ρ_{AC2} ohm－meter)



FREQUENCY EFFECT (FE : $(\rho_{AC1}-\rho_{AC2})\div\rho_{AC2}\times 100$ %)



METAL FACTOR (MF : FE x 100 ÷ ρ_{AC2})

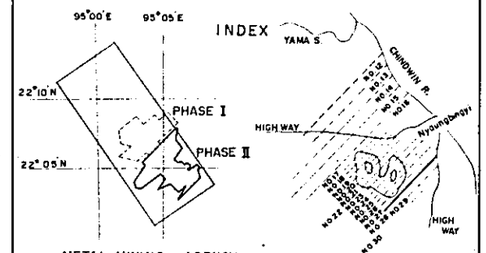


PL. Ⅱ－6－17

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.28

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD.

LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20 Ωm
- 20Ωm ~ 50Ωm
- Over 50 Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

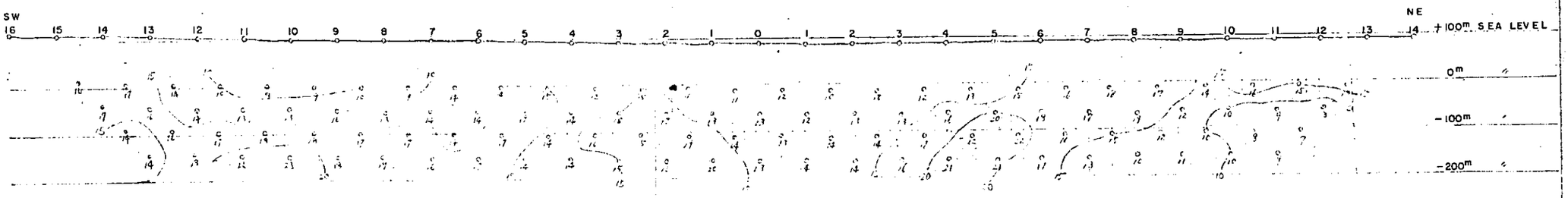
MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL. II-6-18 IP PROFILE ON LINE No.29

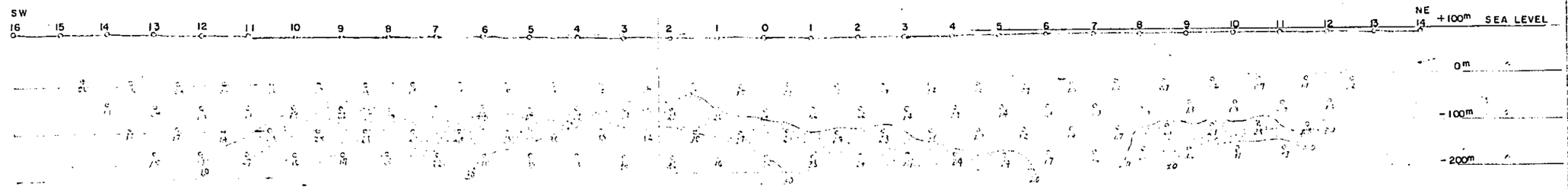
SCALE 1 : 5 000

0 100 200 300 400 500m

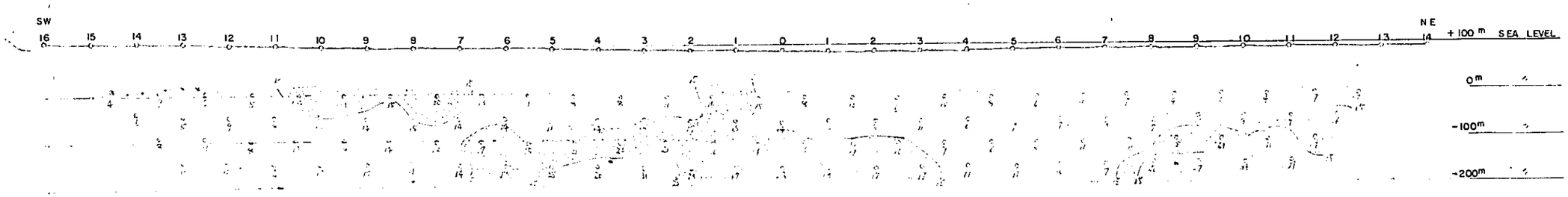
APPARENT RESISTIVITY (AR : ρ_{ac_2} ohm-meter)



FREQUENCY EFFECT (FE $(\rho_{ac_1}-\rho_{ac_2})\div\rho_{ac_2} \times 100\%$)

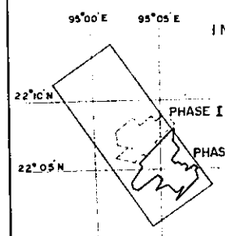


METAL FACTOR (MF FE x 100 ÷ ρ_{ac_2})



GEOLOGICAL
MONYWA AREA, U
(PHASE

IP PROFILE C



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METAL MINING AGENCY
OVERSEAS TECHNICAL
GOVERNMENT OF JAPAN
SEPTEMBE

Prepared by MITSUI KINZOKU E

LE

AR

FE

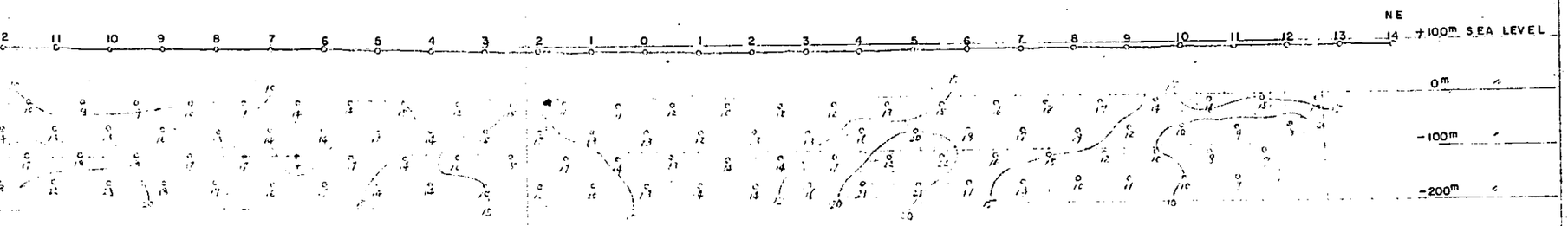
MF

PL. Ⅱ-6-18 IP PROFILE ON LINE No.29

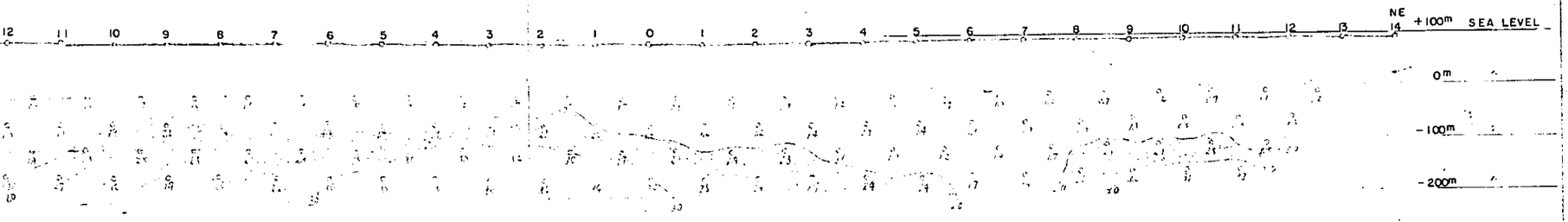
SCALE 1 : 5 000

0 100 200 300 400 500m

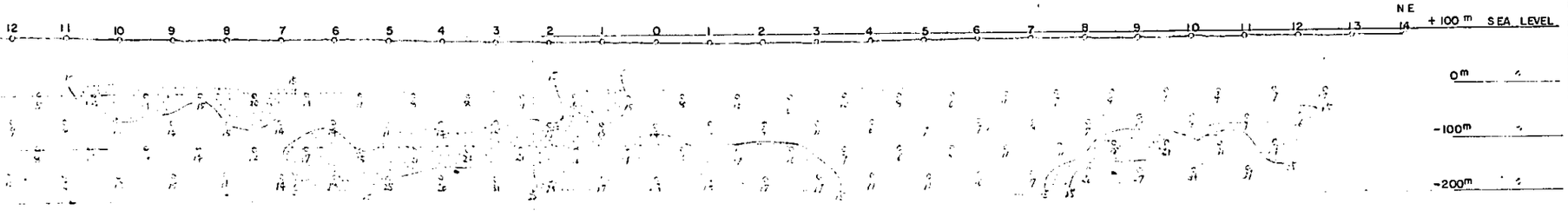
APPARENT RESISTIVITY (AR : ρ_{AC2} ohm-meter)



FREQUENCY EFFECT (FE $(\rho_{AC1}-\rho_{AC2})\div\rho_{AC2}\times 100\%$)



METAL FACTOR (MF FE x 100 ÷ ρ_{AC2})

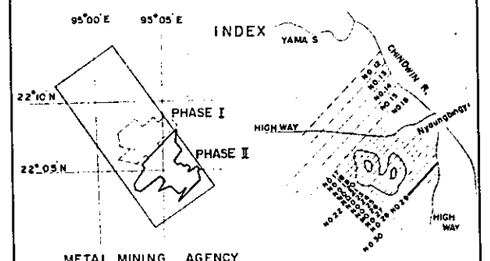


PL. Ⅱ-6-18

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.29

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

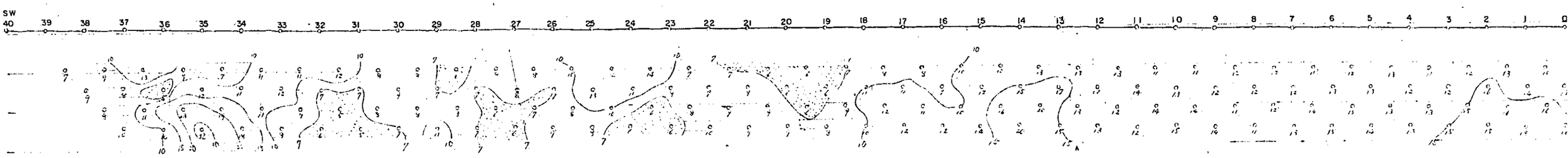
LEGEND

AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

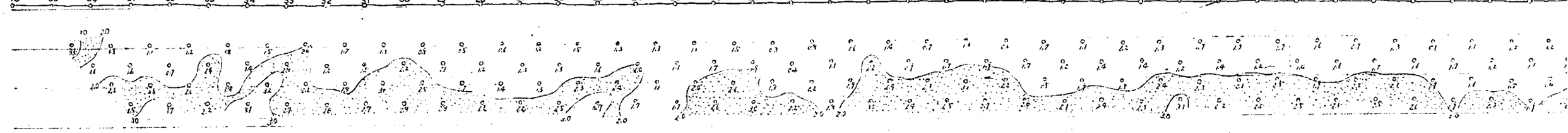
FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

MF
- 1.5 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

PL.II-6-19 IP PROFILE ON LINE No.

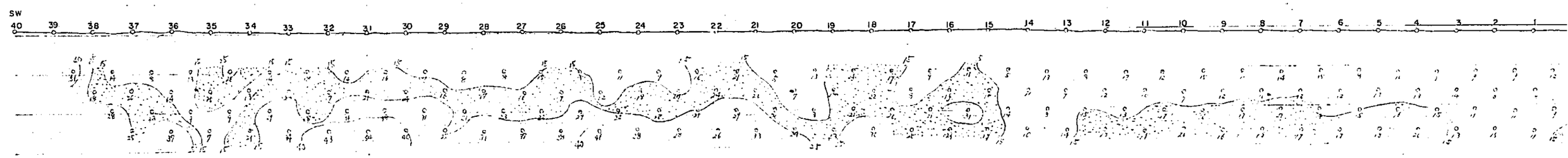


APPARE



FREQU

ME

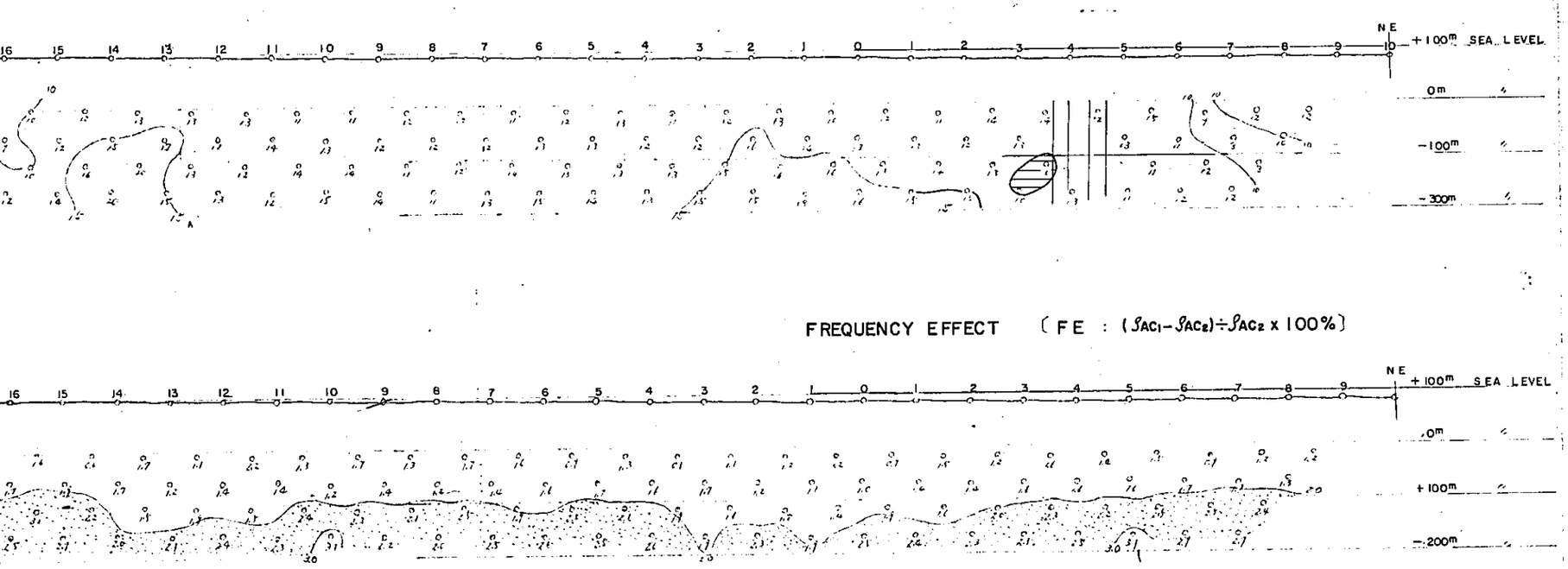


PL.Ⅱ-6-19　IP PROFILE ON LINE No. 30

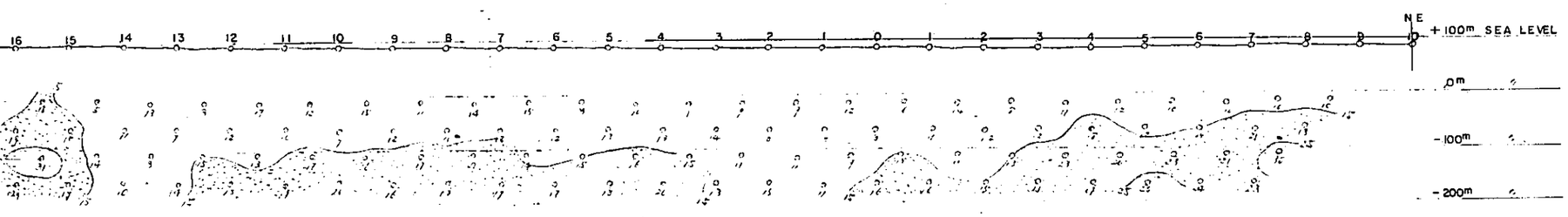
SCALE 1 : 5 000

0　100　200　300　400　500m

APPARENT RESISTIVITY (AR: ρ_{ac_2} ohm-meter)



FREQUENCY EFFECT (FE : $(\rho_{ac_1}-\rho_{ac_2})\div\rho_{ac_2}\times 100\%$)



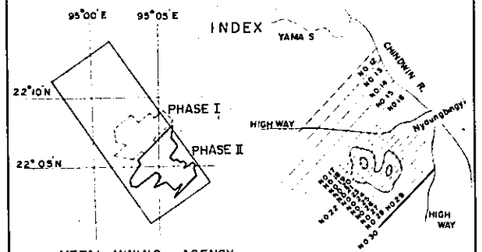
METAL FACTOR (MF : FE x 100 ÷ ρ_{ac_2})

PL.Ⅱ-6-19

GEOLOGICAL SURVEY OF
MONYWA AREA, UNION OF BURMA
(PHASE Ⅱ)

IP PROFILE ON LINE No.30

Scale 1:5,000



METAL MINING AGENCY
OVERSEAS TECHNICAL COOPERATION AGENCY
GOVERNMENT OF JAPAN

SEPTEMBER 1974

Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD

LEGEND

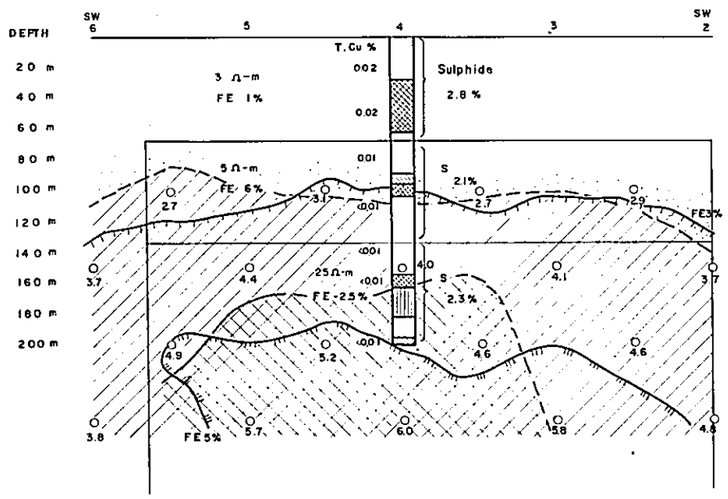
AR
- Less 7Ωm
- 7Ωm ~ 10Ωm
- 10Ωm ~ 20Ωm
- 20Ωm ~ 50Ωm
- Over 50Ωm

FE
- 2% ~ 3%
- 3% ~ 5%
- 5% ~ 8%
- Over 8%

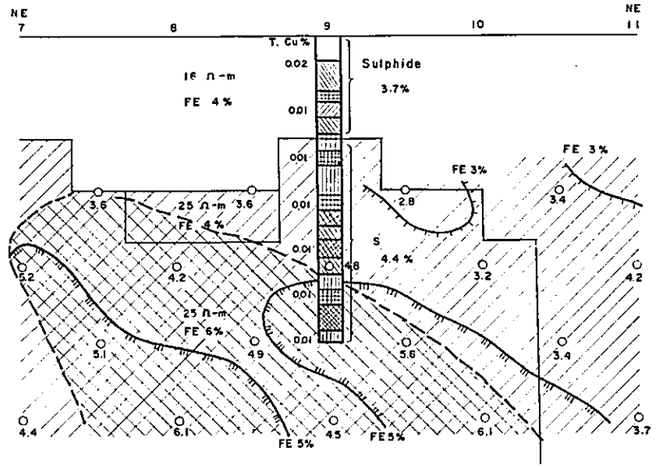
MF
- 15 ~ 25
- 25 ~ 40
- 40 ~ 60
- 60 ~ 100
- Over 100

(1) CORRELATION OF FE ANOMALIES WITH PYRITE CONTENT IN DRILLED HOLES

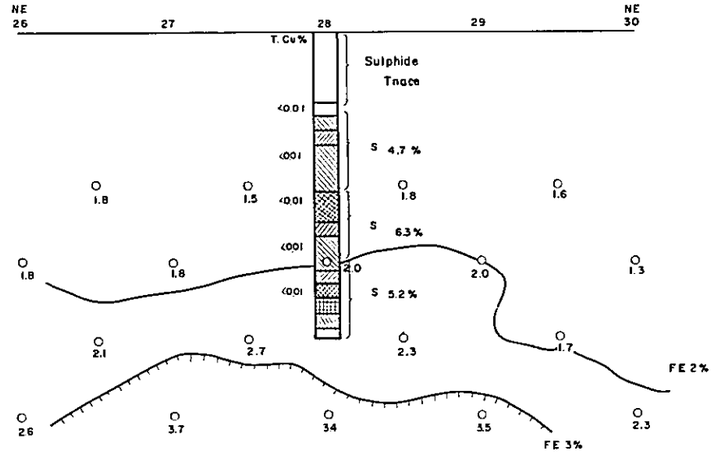
KYISINDAUNG SOUTH (LINE NO.3)



SABEDAUNG SOUTH (LINE NO.4)

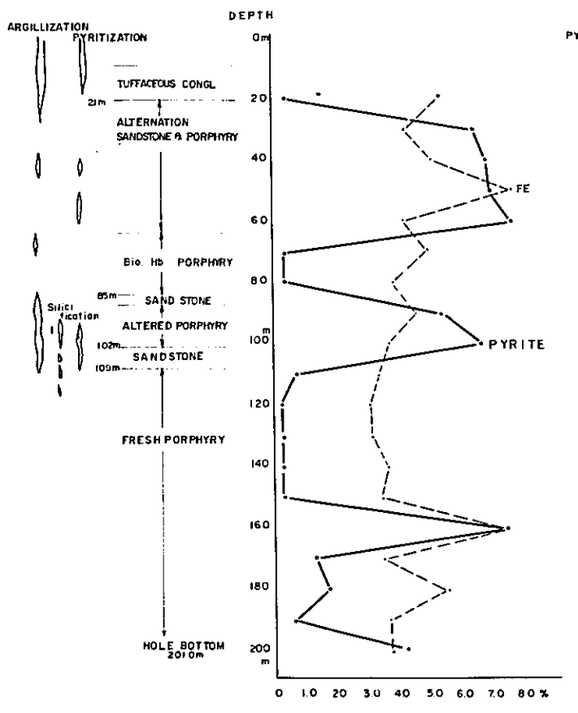


KYAUKMYET (NEAR LINE NO.9)

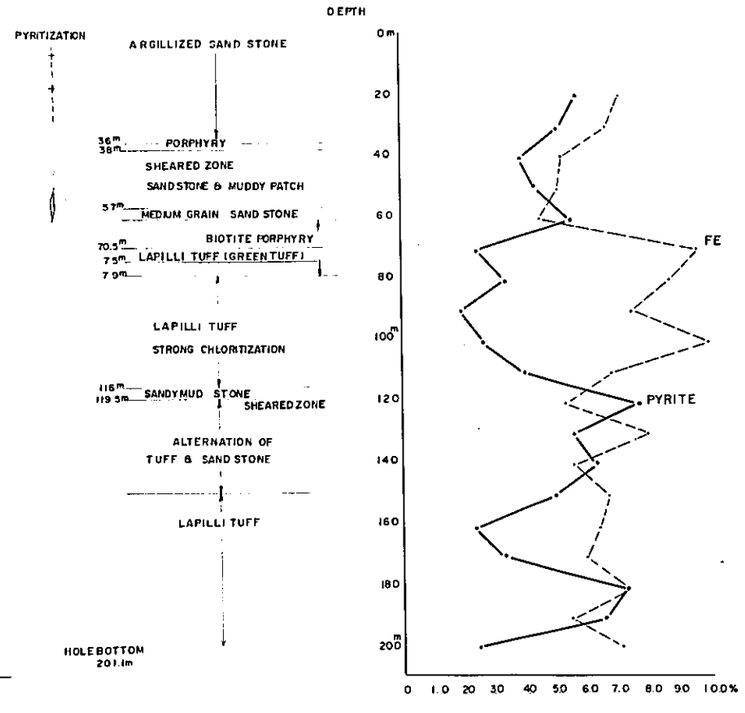


(2) RELATION DIAGRAMS BETWEEN HOLE-DEPTH AND ASSAY RESULTS

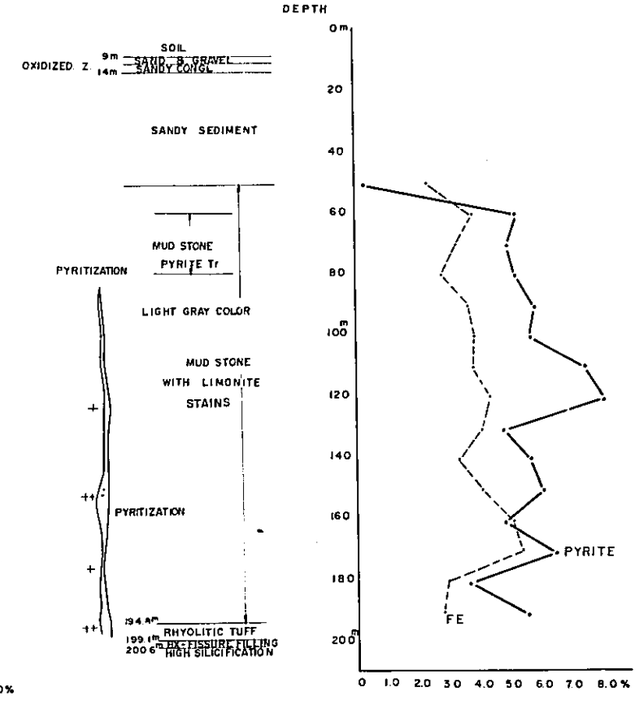
KYISINDAUNG SOUTH (IP NO.1 DRILL HOLE)



SABEDAUNG SOUTH (IP NO.2 DRILL HOLE)



KYAUKMYET (IP NO.3 DRILL HOLE)

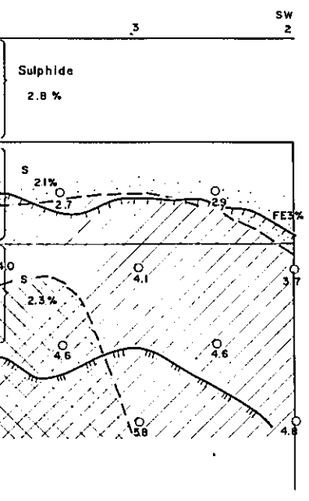


LEGEND

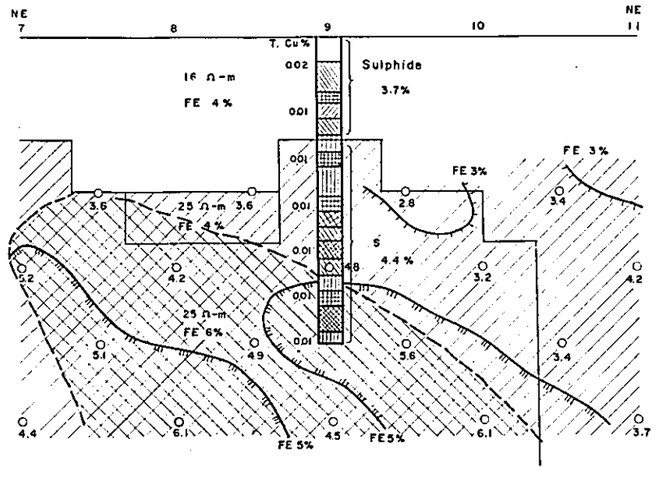
- FIELD FE 5~8%
- " " 3~5 %
- " " 2~3 %
- SIMULATION FE 5~8%
- " " 3~5 %
- " " 2~3 %
- " MODEL
- ASSAY OF SULPHIDE 1~3 %
- " " 3~4 %
- " " 4~5 %
- " " 5~6%
- " " 6~8 %
- " " 8~10%
- " " OVER 10 %

CORRELATION OF FE ANOMALIES WITH PYRITE CONTENT IN DRILLED HOLES

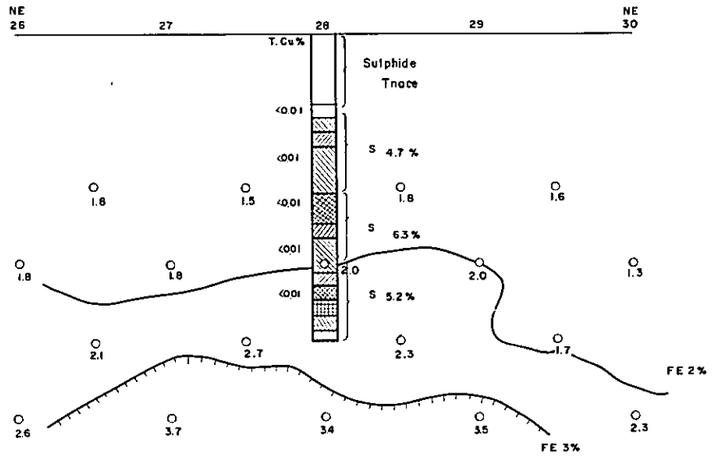
(LINE NO.3)



SABEDAUNG SOUTH (LINE NO.4)



KYAUKMYET (NEAR LINE NO.9)



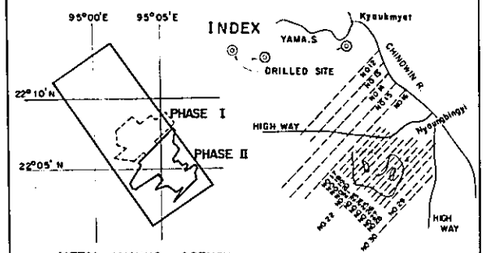
LEGEND

- FIELD FE 5~8%
- " " 3~5 %
- " " 2~3 %
- SIMULATION FE 5~8 %
- " " 3~5 %
- " " 2~3 %
- " MODEL
- ASSAY OF SULPHIDE 1~3 %
- " " 3~4 %
- " " 4~5 %
- " " 5~6 %
- " " 6~8 %
- " " 8~10%
- " " OVER 10 %

PL II – 7

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

CORRELATION OF FE ANOMALIES
WITH PYRITE CONTENTS
IN DRILLED HOLES



METAL MINING AGENCY
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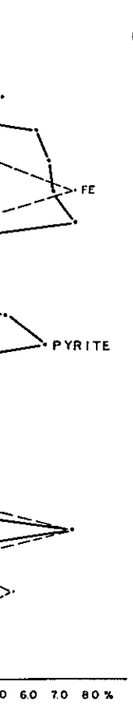
SEPTEMBER 1974

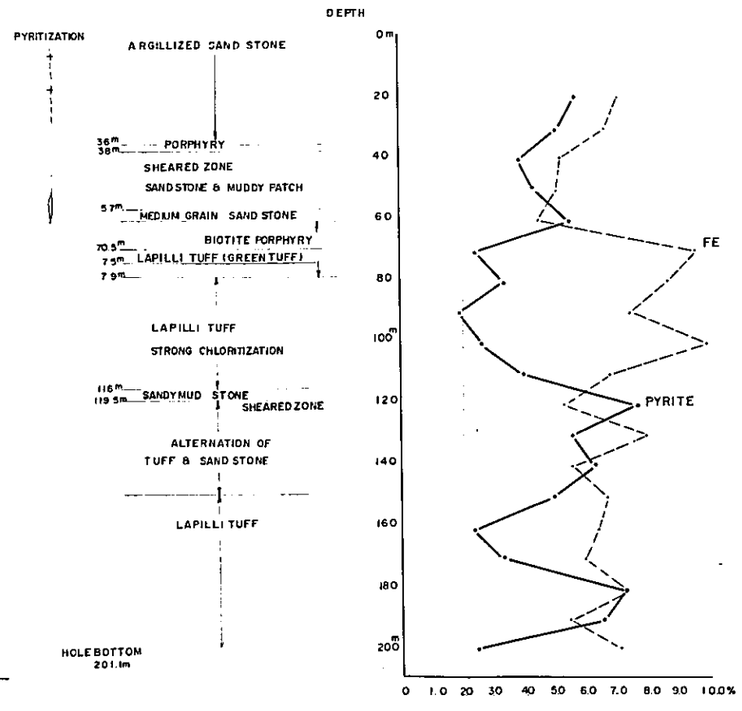
Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO., LTD.

RELATION DIAGRAMS BETWEEN HOLE-DEPTH AND ASSAY RESULTS

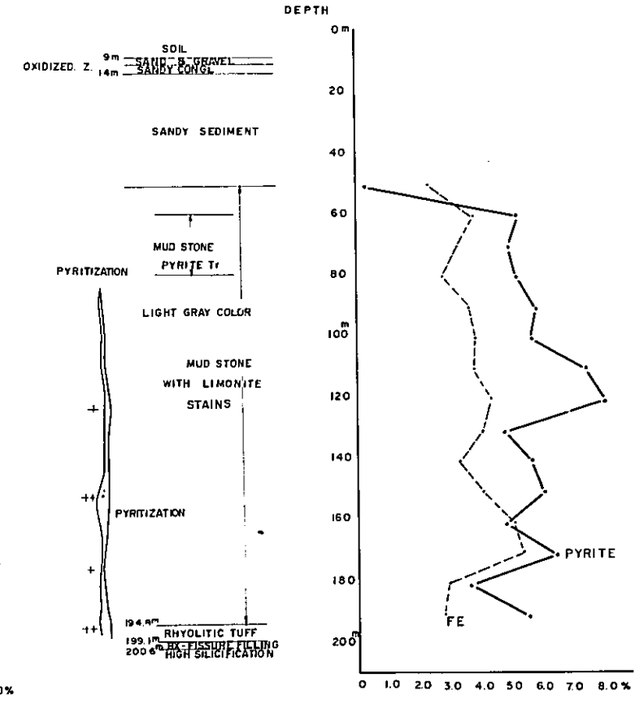
IP NO.1 DRILL HOLE)



SABEDAUNG SOUTH (IP NO.2 DRILL HOLE)



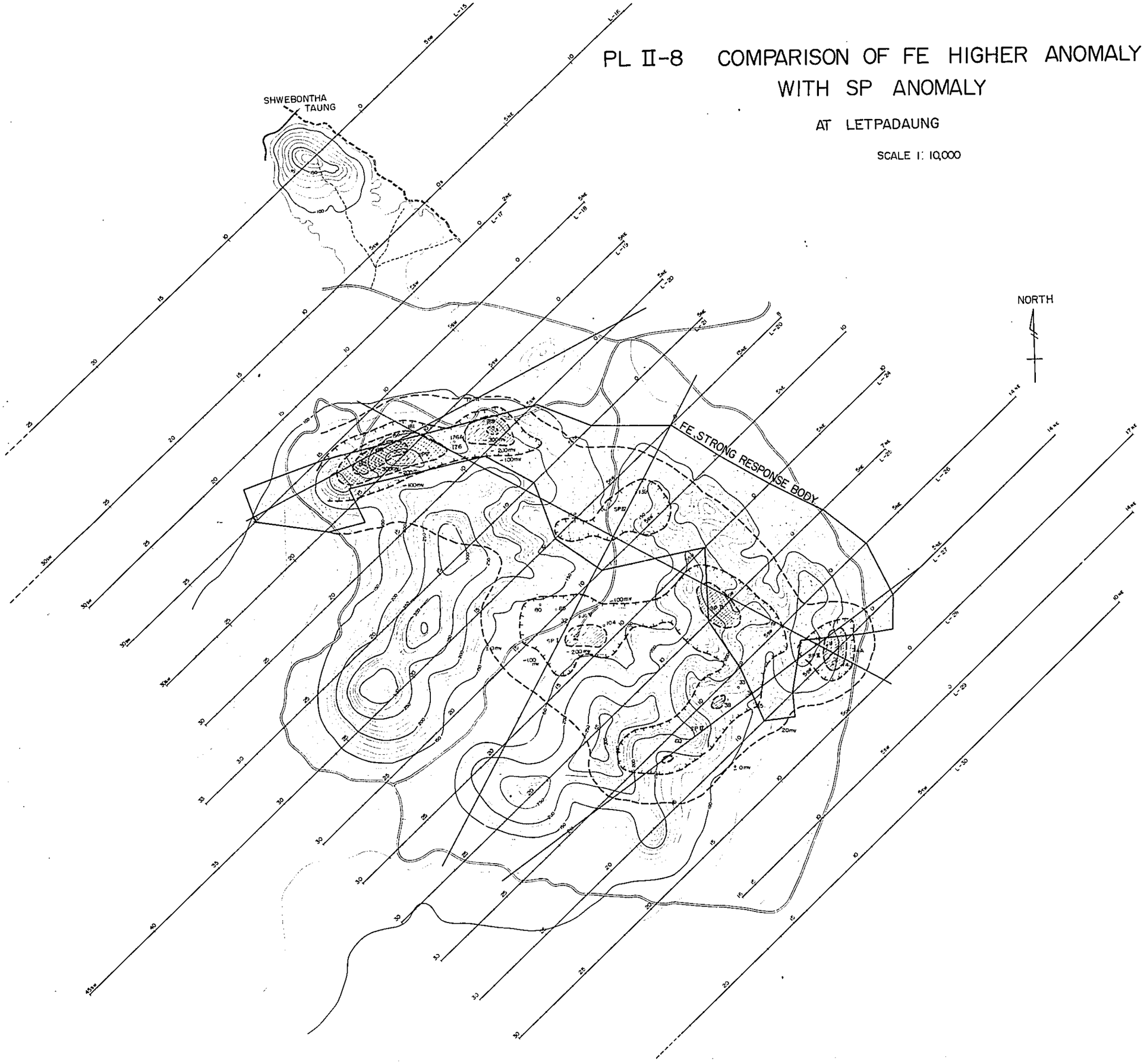
KYAUKMYET (IP NO.3 DRILL HOLE)



PL II-8 COMPARISON OF FE HIGHER ANOMALY WITH SP ANOMALY

AT LETPADAUNG

SCALE 1: 10,000



LEGEND

- FE OVER 8% IN MODEL AT 200M IN APPARENT DEPTH
- SP -300mv ON SURFACE
- " -200mv ~ -300mv ON SURFACE
- " -100mv "
- " 0 mv "

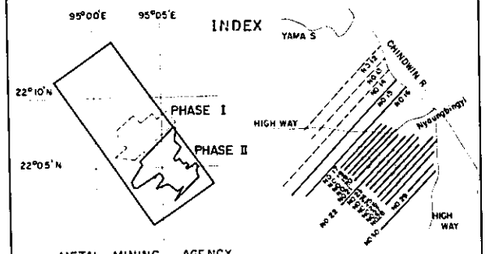
PL II-8

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

COMPARISON OF FE HIGHER ANOMALY WITH SP ANOMALY

Scale 1 10,000

INDEX



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SEPTEMBER 1974

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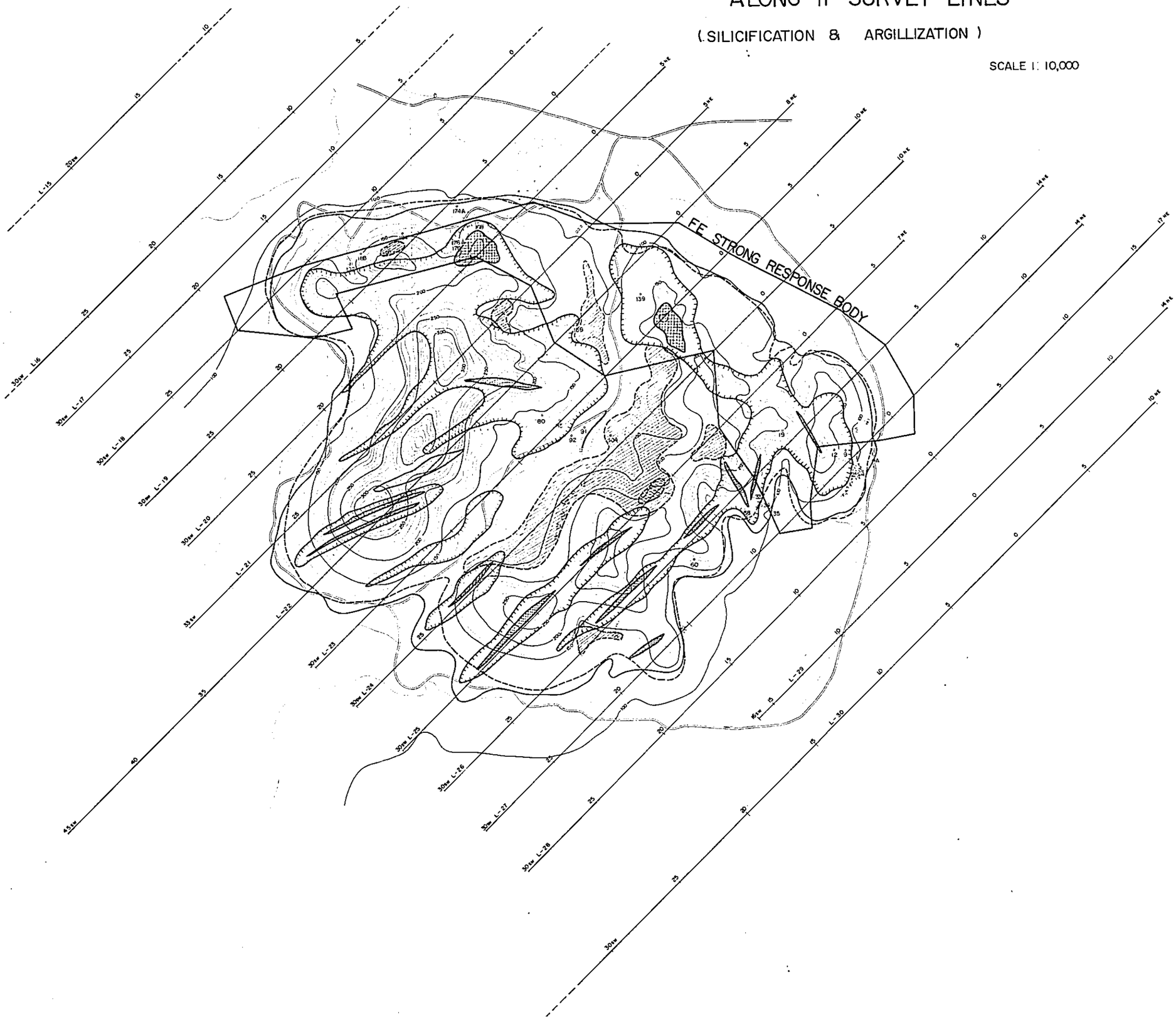
PL II-9-1 ALTERATION MAP AT LETPADAUNG
ALONG IP SURVEY LINES
(SILICIFICATION & ARGILLIZATION)

SCALE 1: 10,000



LEGEND

- WEAK SILICIFICATION
- STRONG "
- VERY STRONG "
- WEAK ARGILLIZATION
- STRONG "
- VERY STRONG "
- DRILLED SITE

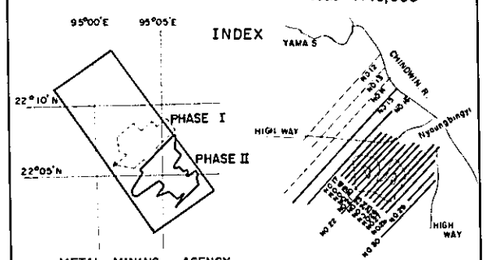
PL II-9-1

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

ALTERATION MAP AT LETPADAUNG
ALONG IP SURVEY LINES
(SILICIFICATION & ARGILLIZATION)

Scale 1: 10,000

INDEX



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SEPTEMBER 1974

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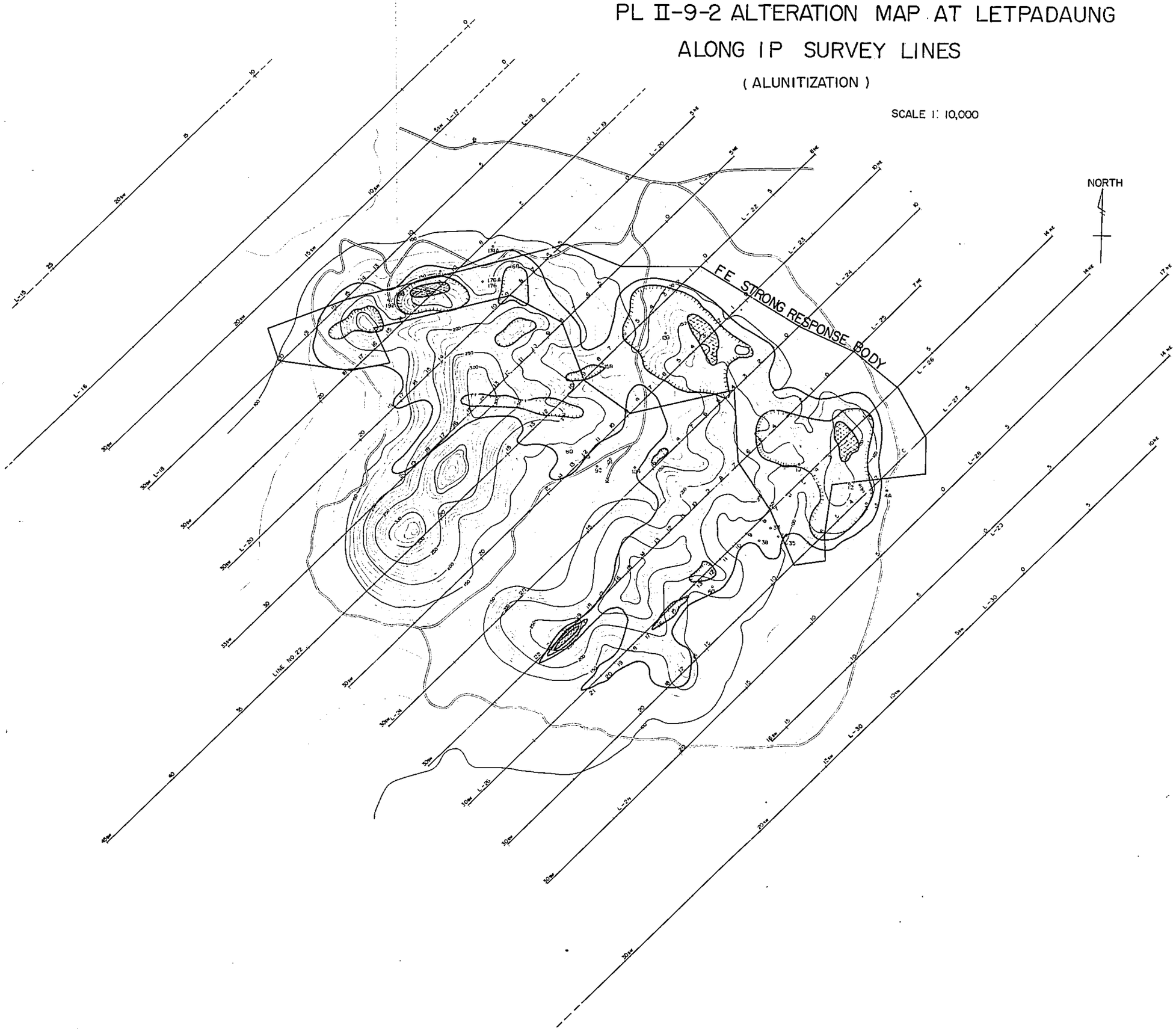
PL II-9-2 ALTERATION MAP AT LETPADAUNG ALONG IP SURVEY LINES

(ALUNITIZATION)

SCALE 1: 10,000



LEGEND

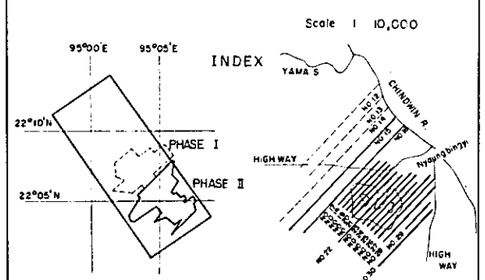
- WEAK ALUNITIZATION
- STRONG
- VERY STRONG
- DRILLED SITE

PL II-9-2

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

ALTERATION MAP AT LETPADAUNG ALONG IP SURVEY LINES (ALUNITIZATION)

Scale 1 : 10,000



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SEPTEMBER 1974

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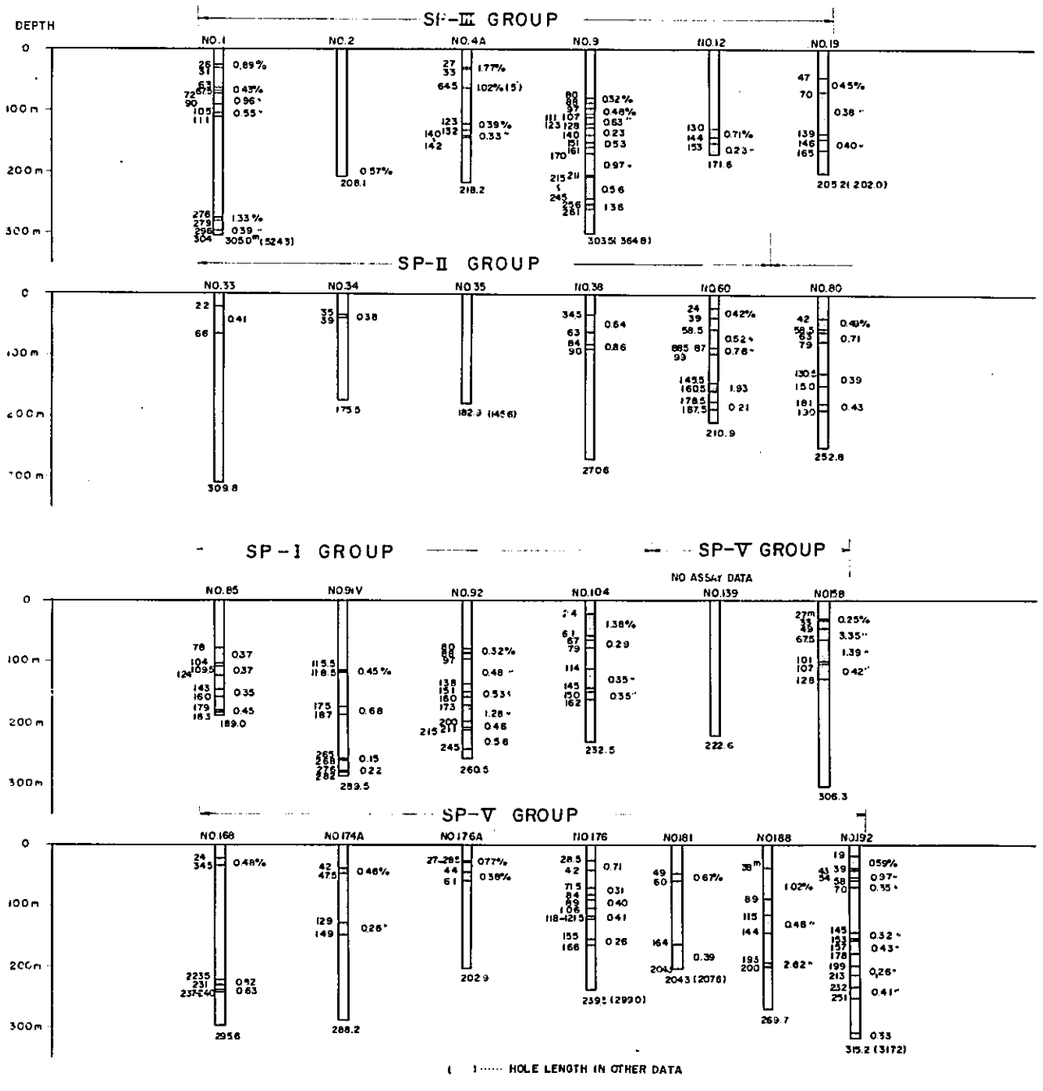
PL II-10 INFERRED COPPER CONTENTS IN LETPADAUNG DRILL HOLES

LEGEND

- Cu 0.2~0.5 %
- 0.5~0.8%
- 0.8~1.2%
- OVER 1.2%

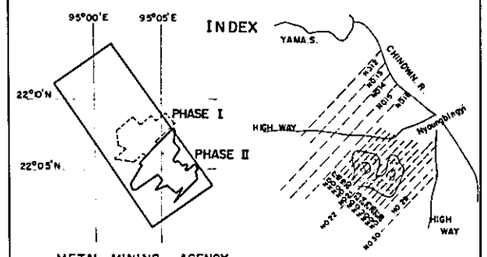
BASED ON MMDC ASSAY DATA



PL II-10

GEOLOGICAL SURVEY OF
MONYWA AREA UNION OF BURMA
(PHASE II)

INFERRED COPPER CONTENTS
IN LETPADAUNG DRILL HOLES



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