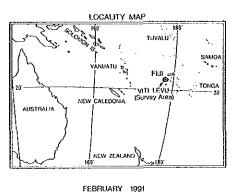


REPORT ON THE MINERAL EXPLORATION
IN THE VITI LEVU AREA,
THE REPUBLIC OF FIJI

PHASE 1

PL. I

### PHOTOGEOLOGICAL INTERPRETATION MAP USING SLAR IMAGERIES OF VITI LEVU ISLAND

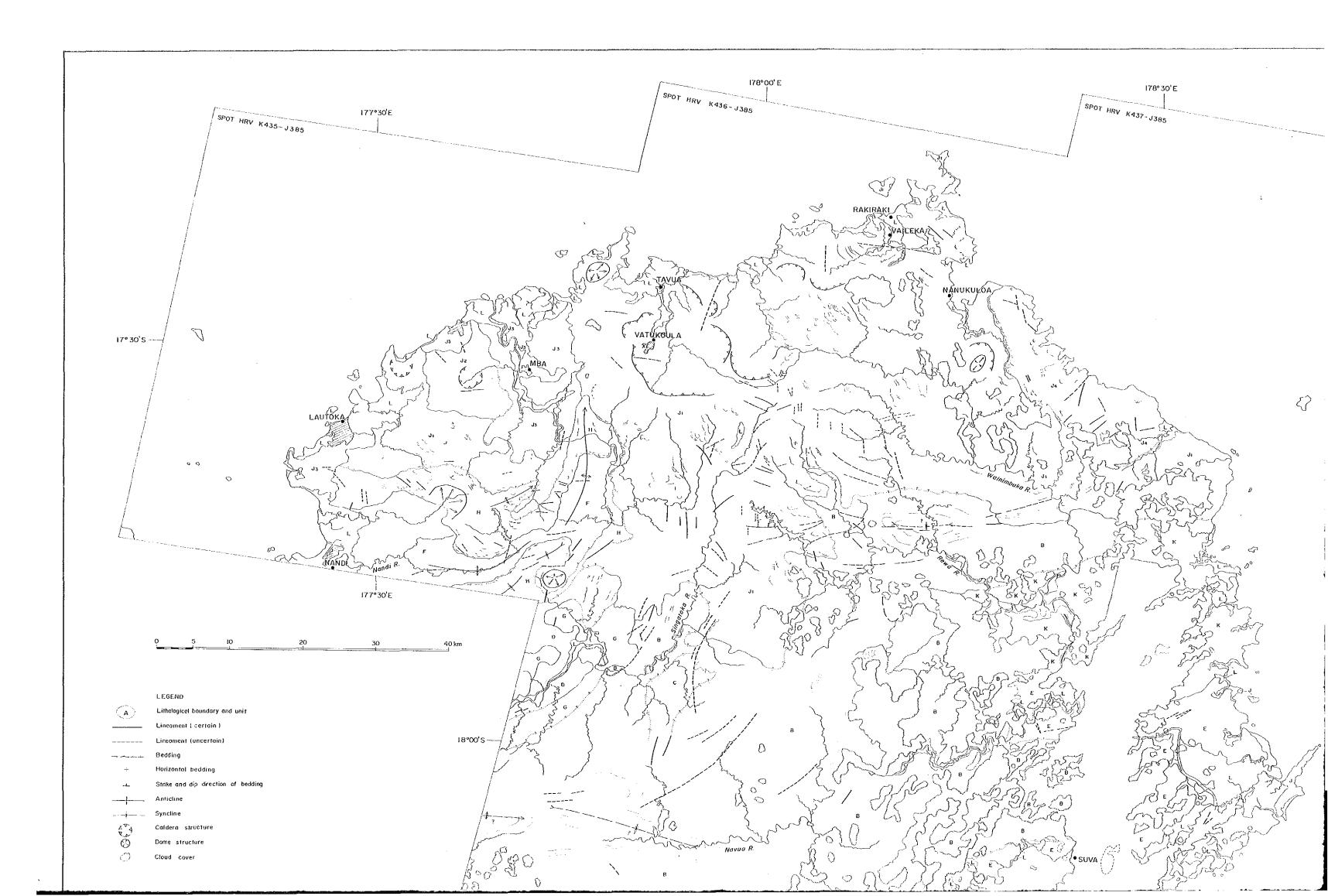


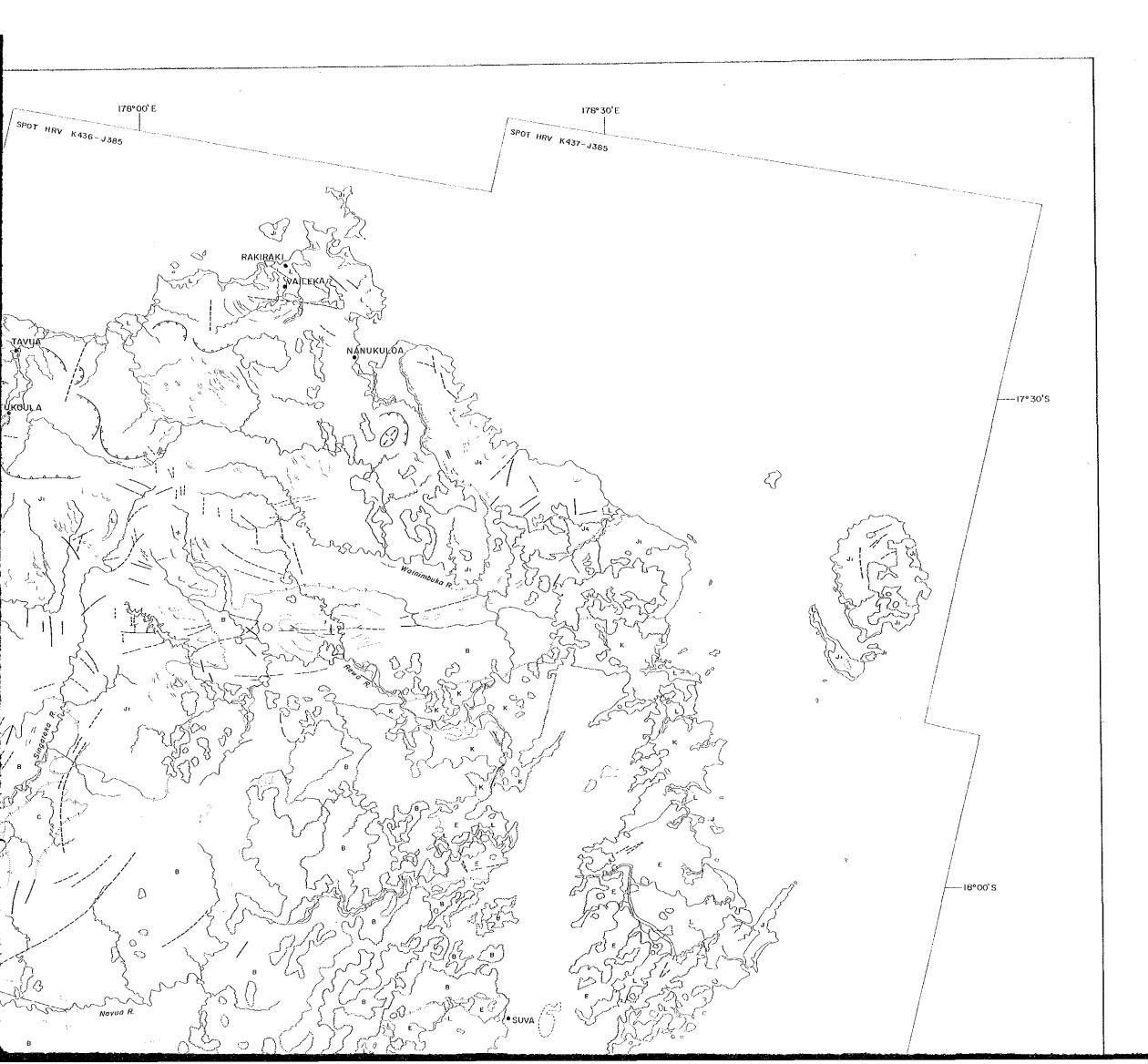
JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

Scale 1: 250,000

Correlation between Goologic Units Interpreted from SLAR Imageries and SPOT Images, and Stratigraphical Units of Geological Map

Gaologic Units	Goological Map	Geologic Units Interpreted from	
Interpreted from	(Scale 1:250.000, 1931)		
SLAR Imageries		SPOT Images	
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	fluvial deposits		
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		ية ف	
J	Ba Volcanic Group and	J,	
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	Cuvu Sedimentary Group	_	
` н	Korojmavua Volcanie Group	11	
G	Navosa Sedimentary Group	G	
Ez .	Nadi Sedimentary Group	F	
€	Medrausucu Group	E	
Б	Tuva Group	D	
c	Colo Plutonie Suite	c	
в	Wainimate Group and	В	
	Savura Volcanic Group		
A	Yavena Group and		
	Wainimala Group		

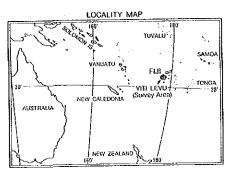




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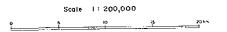
# REPORT ON THE MINERAL EXPLORATION IN THE VITI LEVU AREA, THE REPUBLIC OF FIJI PHASE 1

# PHOTOGEOLOGICAL INTERPRETATION MAP USING SPOT IMAGES OF VITI LEVU ISLAND



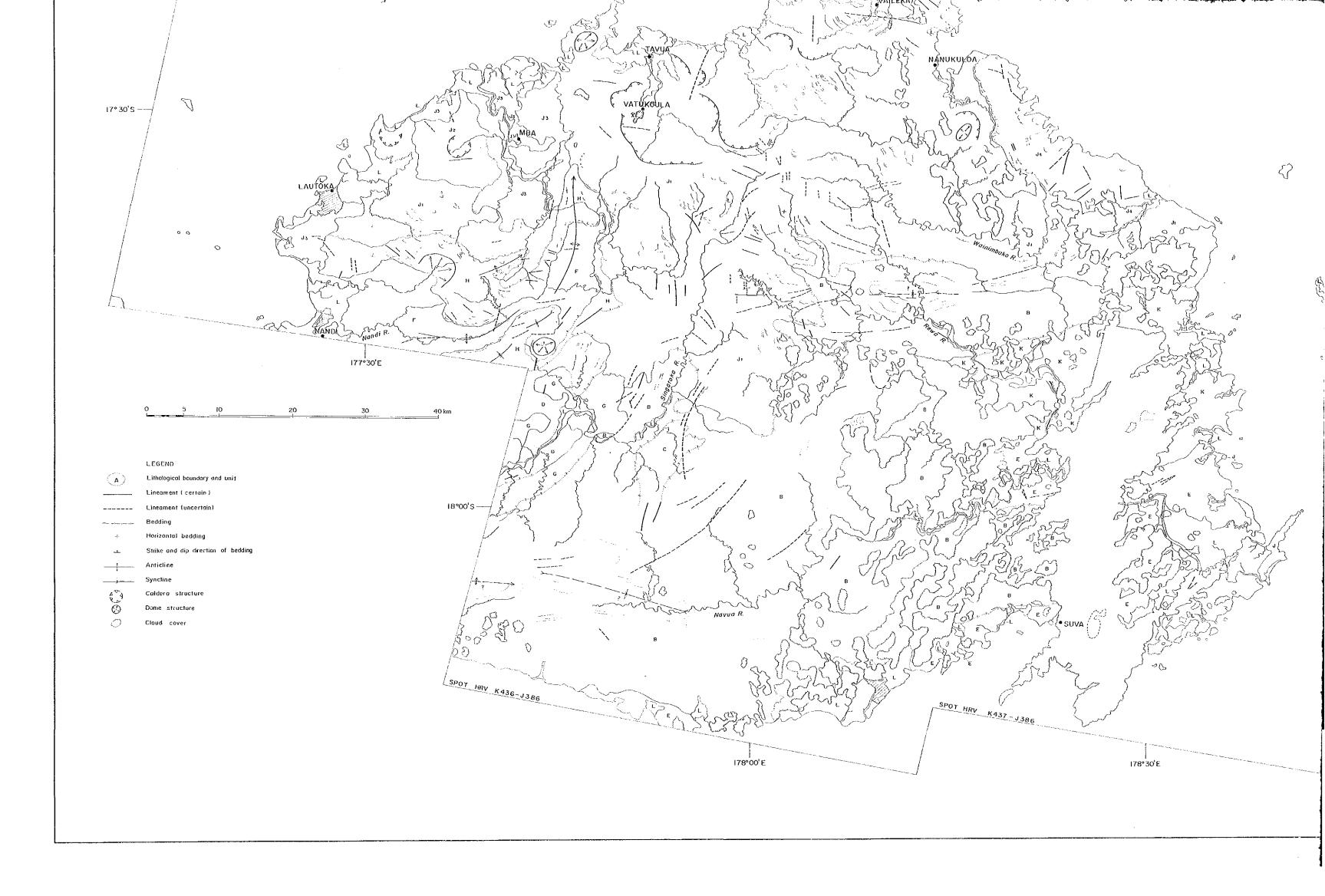
FEBRUARY 1991

JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

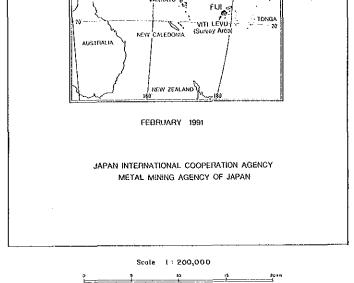


Correlation between Goologic Units Interpreted from SLAR Imageries and SPOI Images, and Stratigraphical Units of Goological Map

Geologic Units	Geological Map	Geologic Units	
Interpreted from	State 1:259,000, 1991	Interpreted from	
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G	Navoca Sedimentary Group	G	
F:	Nadi Sedimentary Group	F*	
, E	Modrausucu Group	E	
1.3	Tuva Group	D	
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B	Wainimala Group and	E3	
	Savura Volcanie Group		
^	Yavuna Group and		
	Wainimala Group		

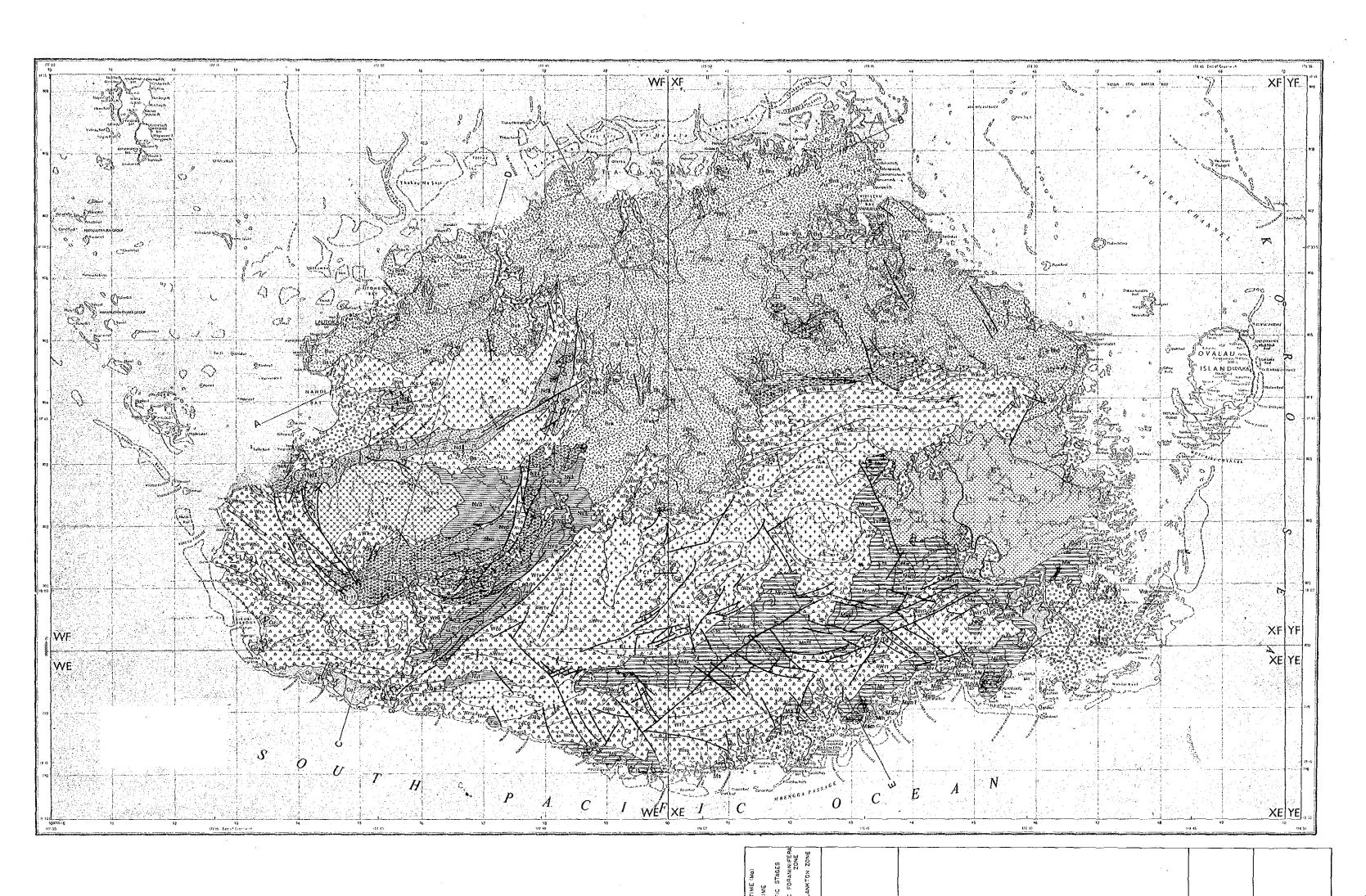






Corrulation between Goologic Units Interpreted from SLAR Imageries and SPOT Images, and Stratigraphical Units of Geological Map

Geologie Units	Geological Map	Goologic Units
Interpretail from	Sissa 1.250 (20, 1991)	Interpreted from
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G	Navosa Sedimentary Group	G
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E	Medrausucu Group	E
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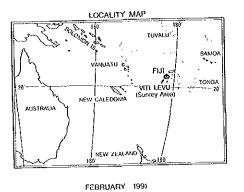
STRATIGRAPHIC CLASSIFICATION

N VOLCANIC ROCKS AND SEDIMENTARY

INTRUSIVE ROCKS

REPORT ON THE MINERAL EXPLORATION
IN THE VITI LEVU AREA.
THE REPUBLIC OF FUI
PHASE 1

GEOLOGICAL MAP WITH GEOLOGICAL PROFILES
OF VITI LEVU ISLAND



JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

Scale 1: 250,000

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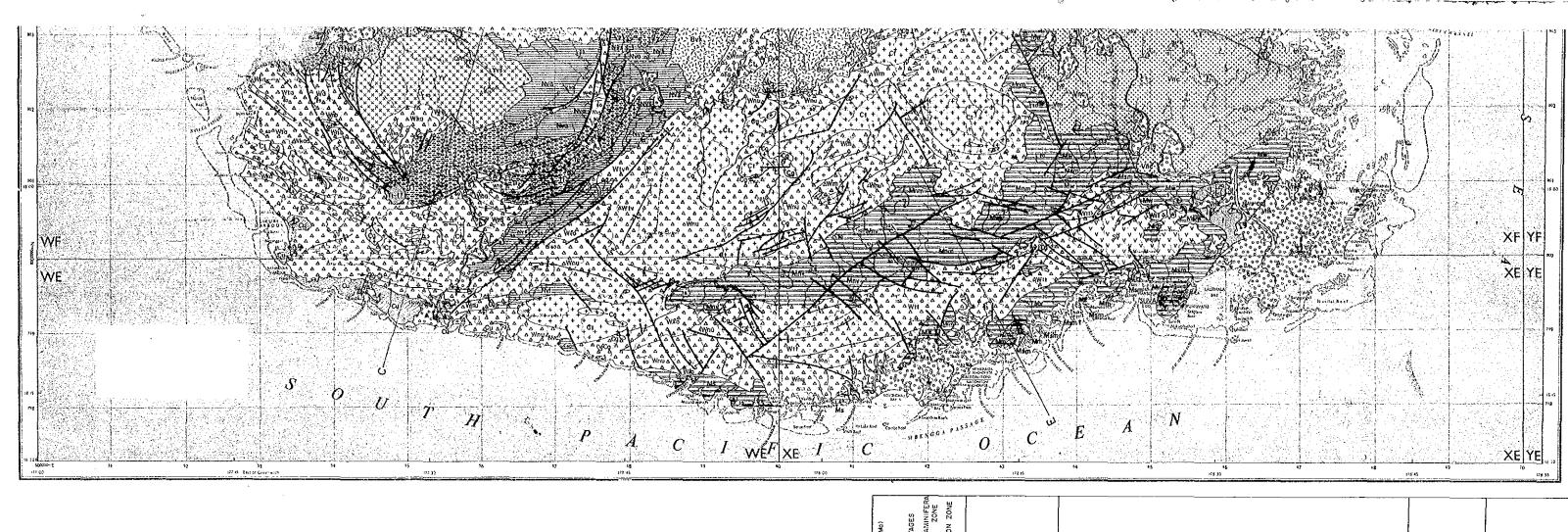
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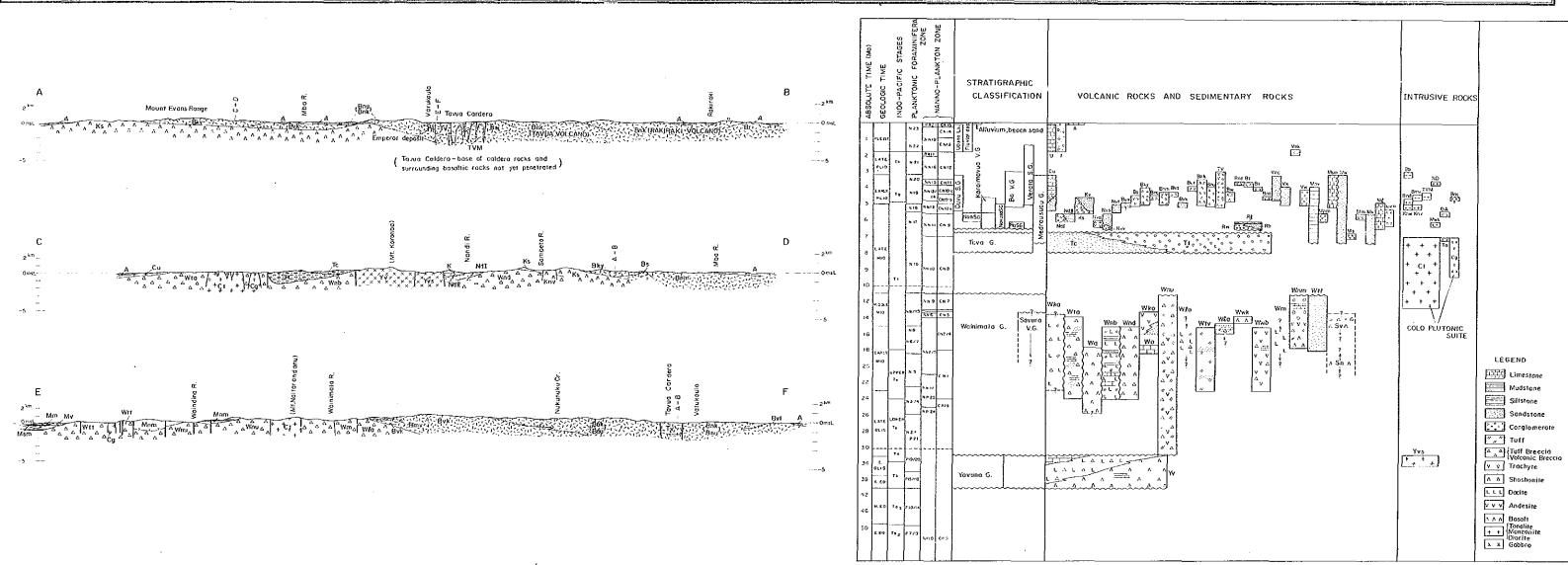
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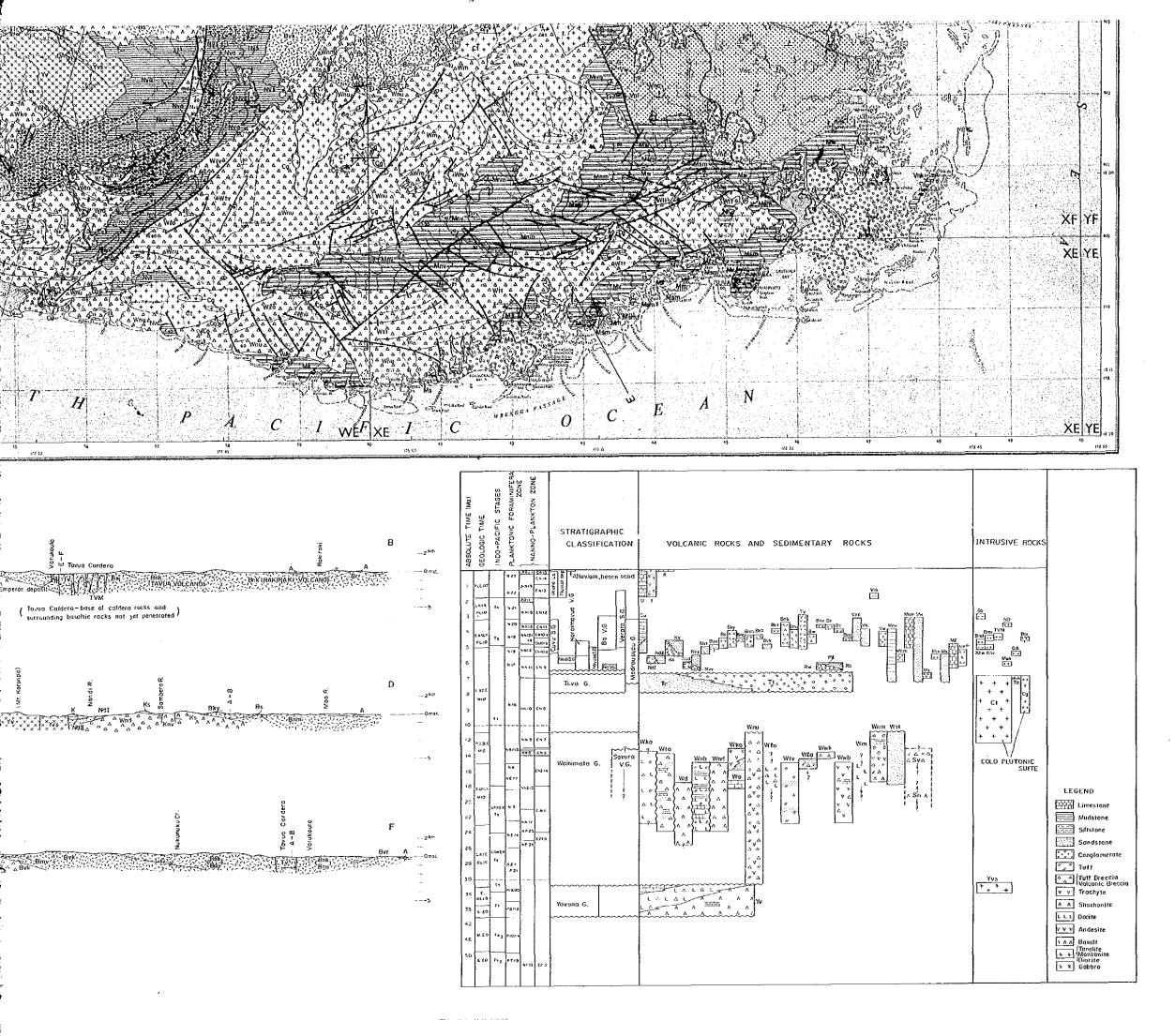
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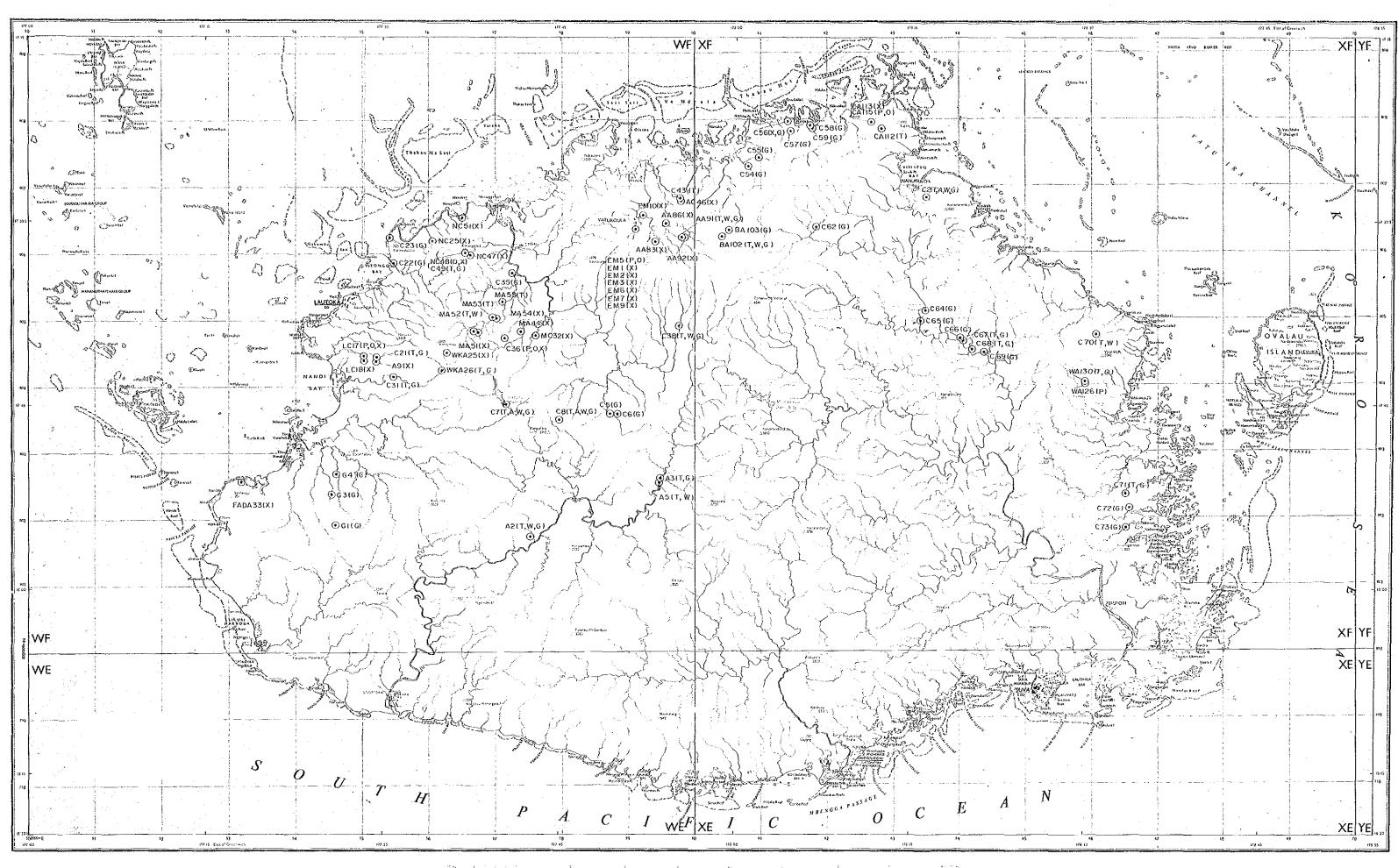




#### Scale 1: 250,000

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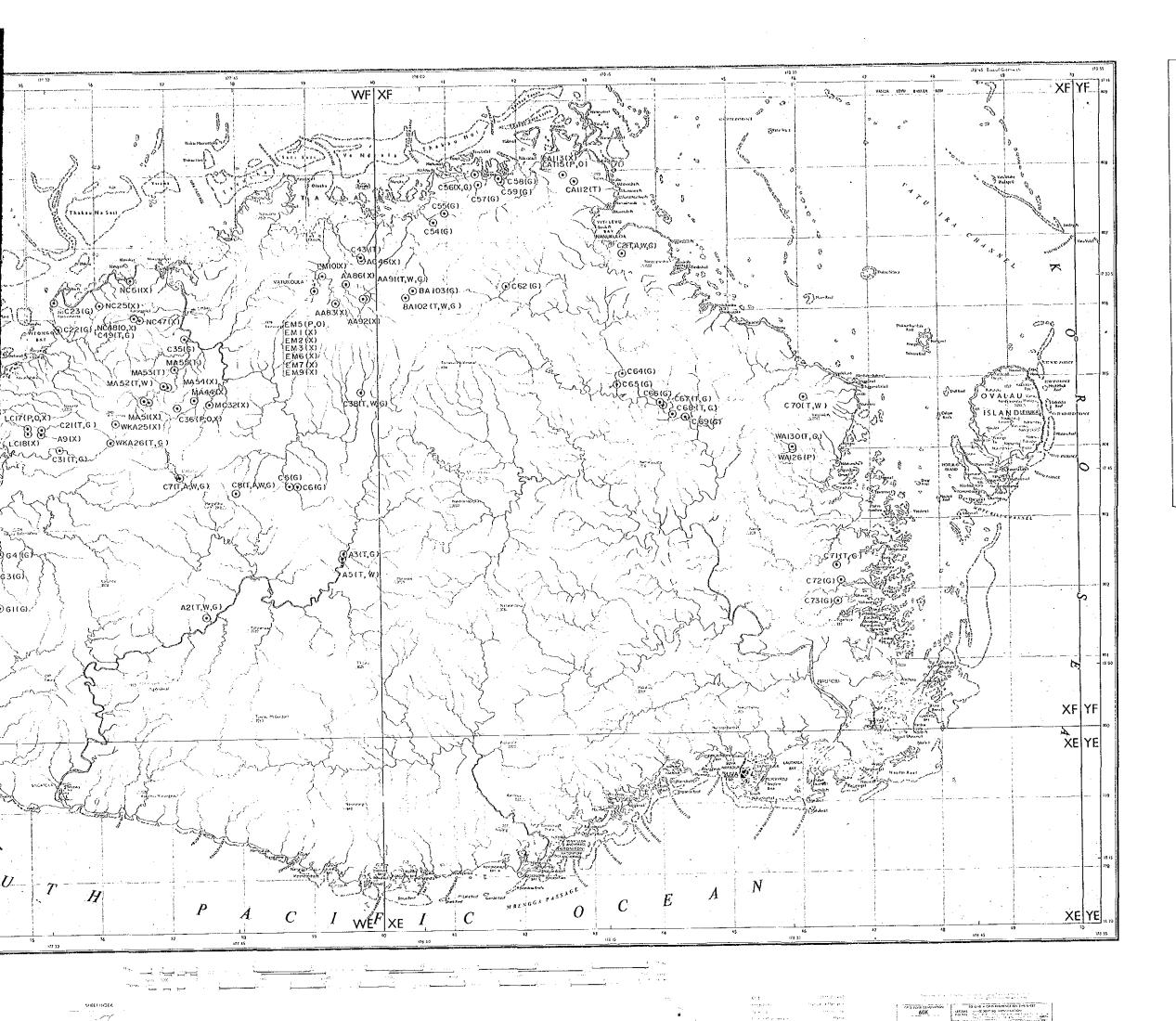


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REPORT ON THE MINERAL EXPLORATION
IN THE VITI LEVU AREA,
THE REPUBLIC OF FIJI
PHASE 1

SAMPLE LOCATION MAP OF
VITI LEVU ISLAND

LOCALITY MAP

LOCALITY MAP

LOCALITY MAP

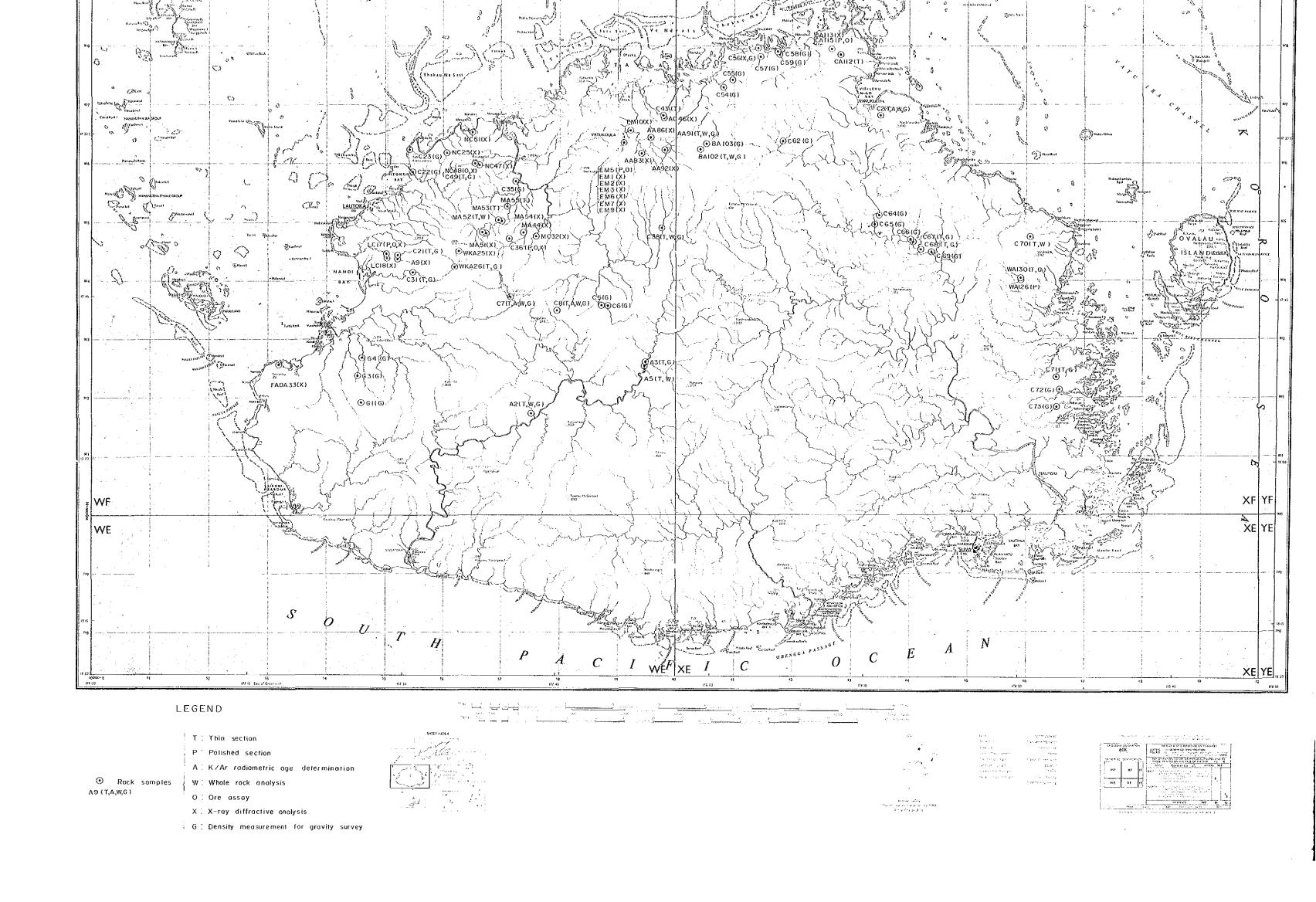
VITI LEVU ISLAND

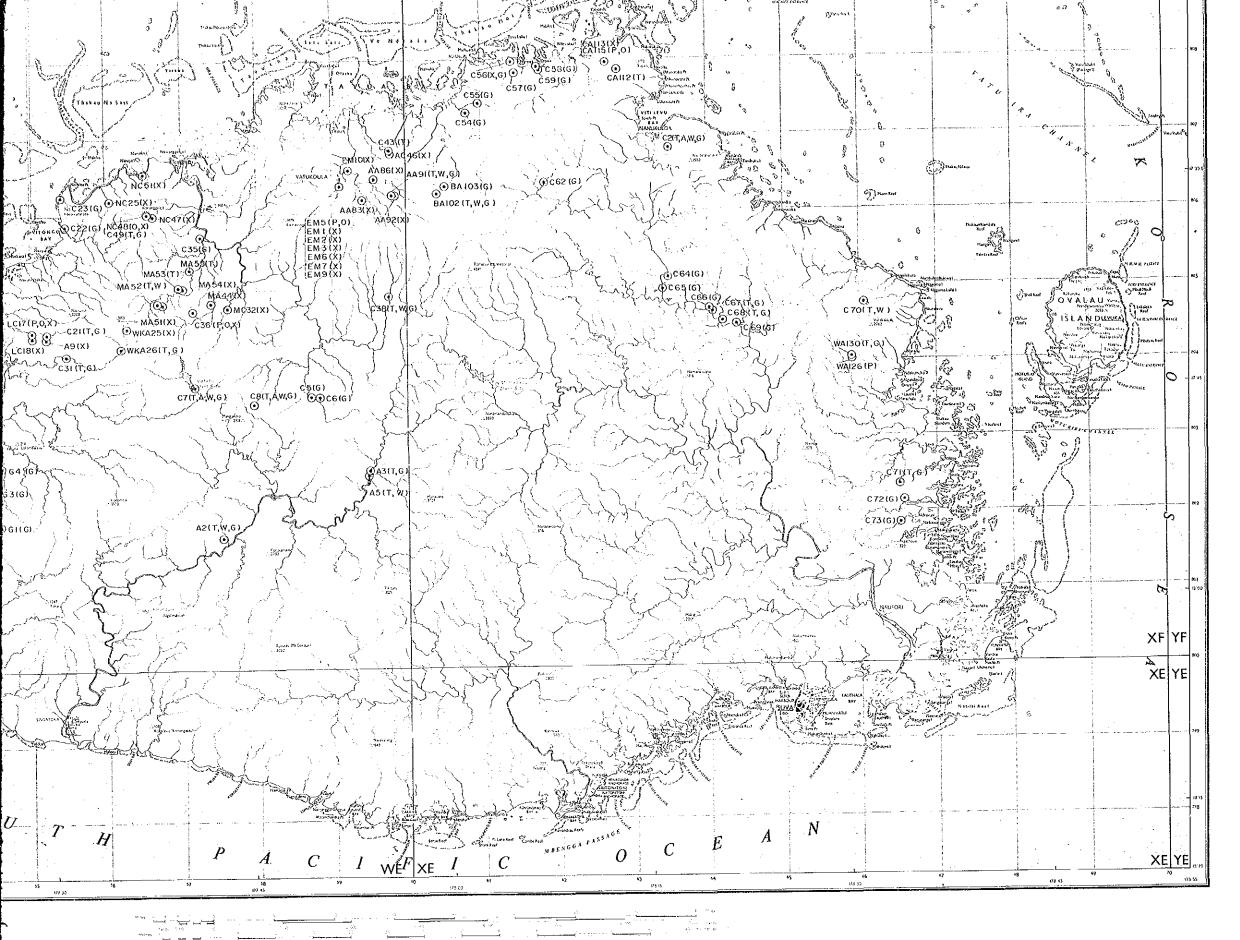
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JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

Scale 1: 250,000

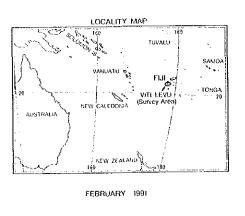






THE REPUBLIC OF FIJE
PHASE I

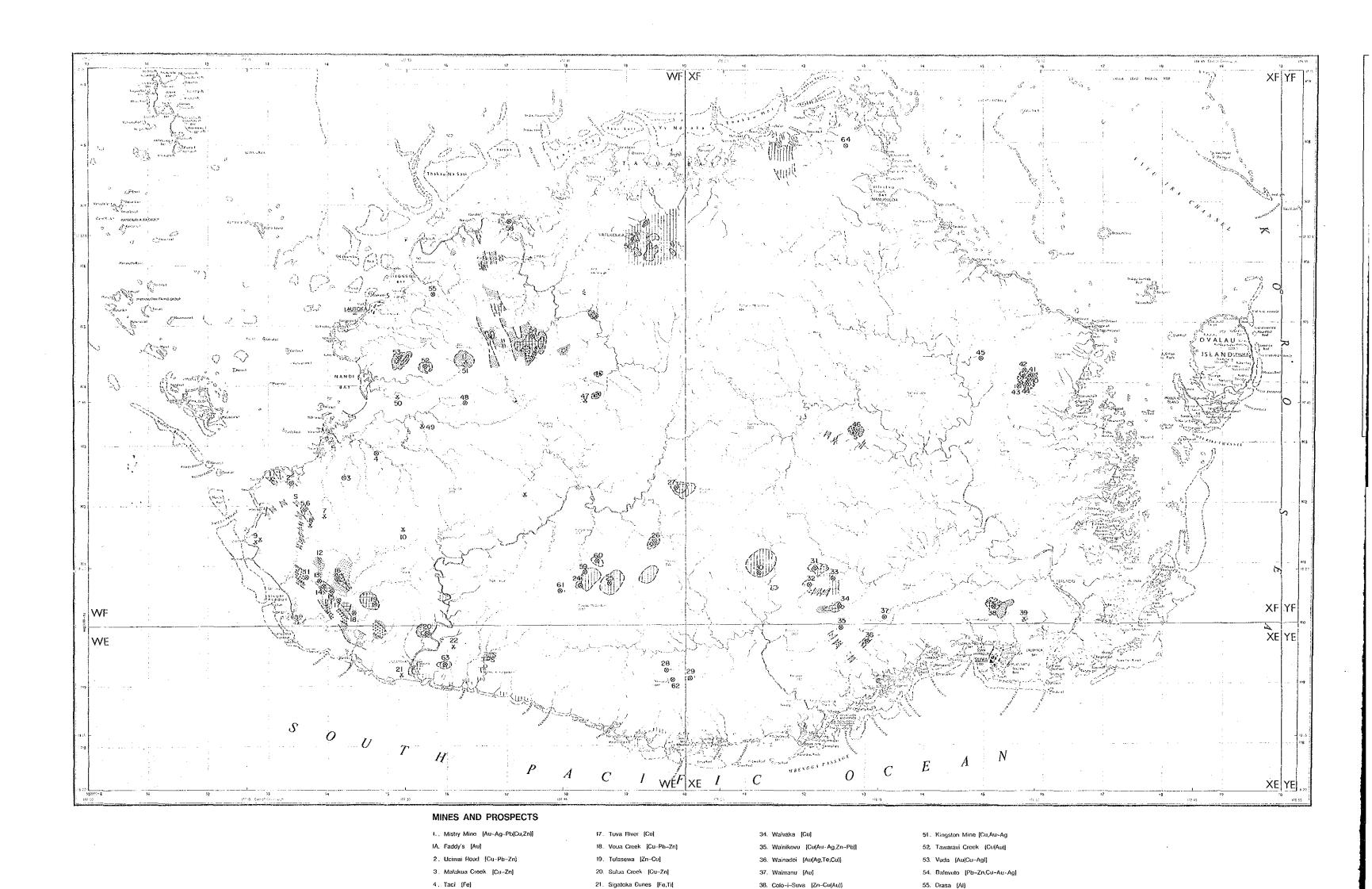
# SAMPLE LOCATION MAP OF VITI LEVU ISLAND



JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

Scale 1: 250,000

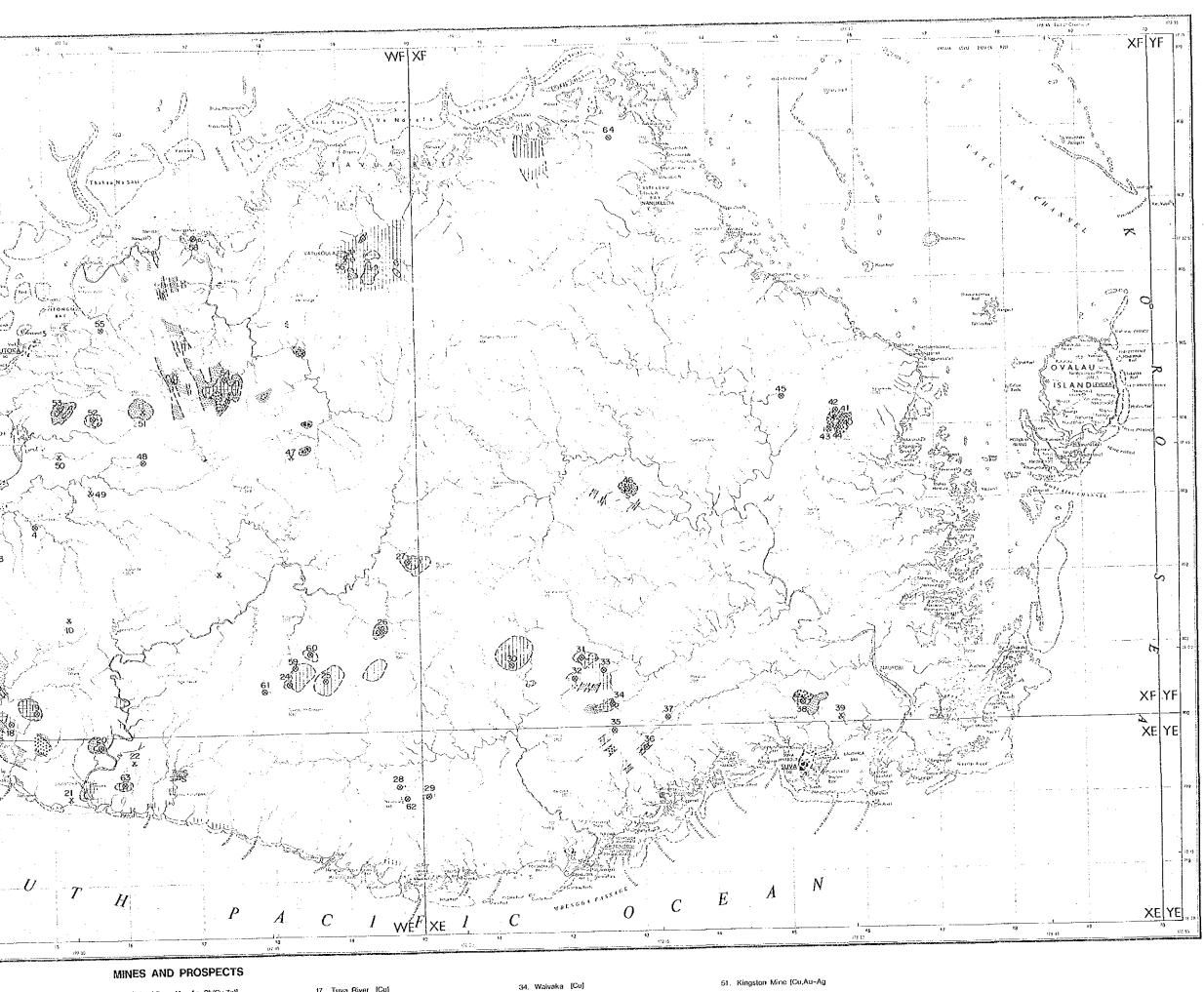
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39. Kalabo Mine [Mn]

56. Emperor Mines Valukoula (Au-Ag-Te(Cu-Zn))

5. Keroisa [Mn,Au-Cu-Pb-Ag]



# REPORT ON THE MINERAL EXPLORATION IN THE VITI LEVU AREA, THE REPUBLIC OF FIJE PHASE 1 DISTRIBUTION MAP OF MINES, PROSPECTS AND AITERATION ZONES OF VITI LEVU ISLAND FEBRUARY 1991 JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

### LEGEND

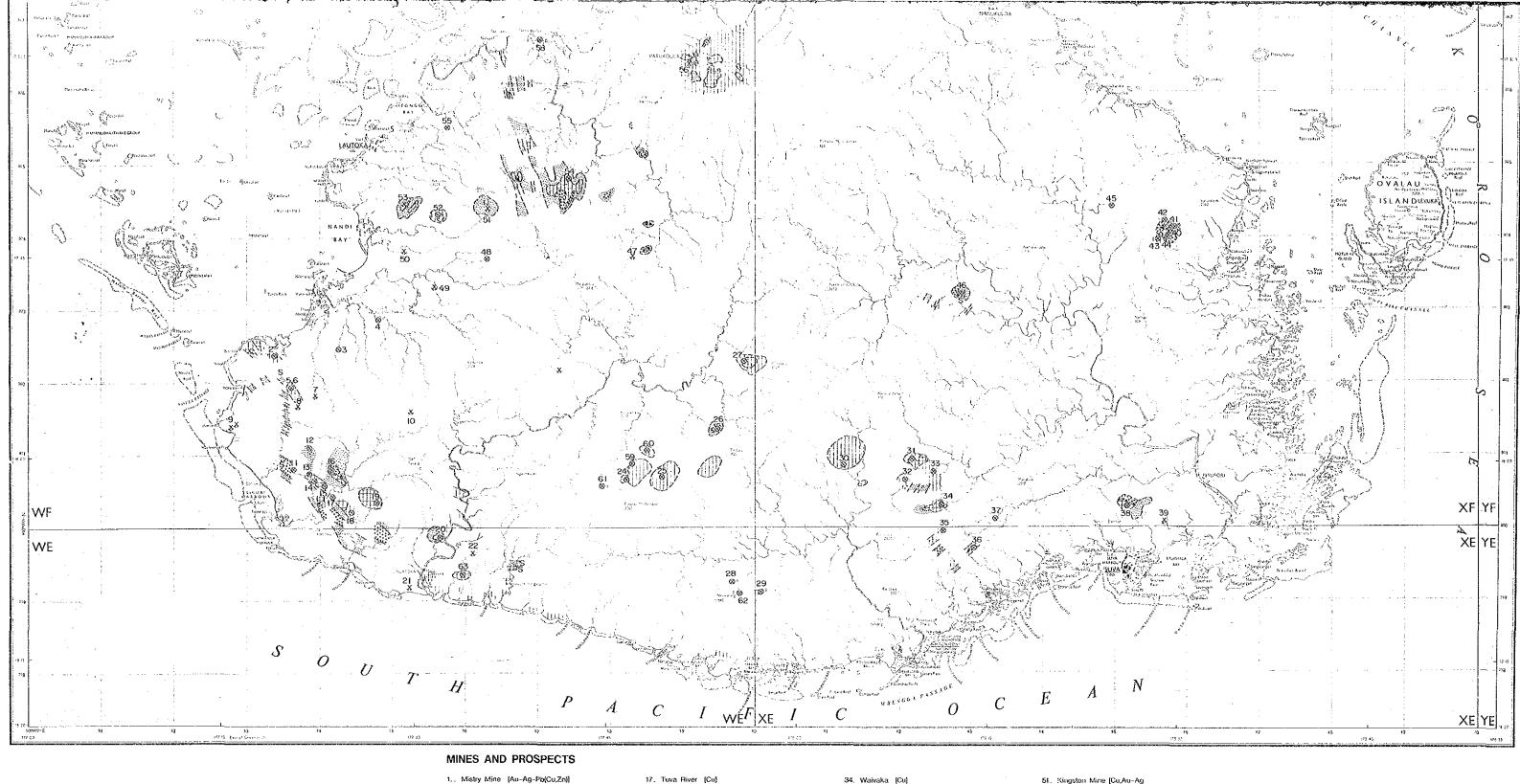
Strongly argillized alteration

Scale 1: 250,000

- Medium argillized alteration
- Weakly argillized alteration
- Propylitic alteration
- Silicification
- Working mine
- Closed mine
- Prospect
- 1~63 Location Nos. denoted as the numbers in the list of the prospects and mines

- 1. Mistry Mine [Au-Ag-Pb(Cu,Zn]]
- 1A. Faddy's [Au]
- 2, Uciwai Road [Cu-Pb-Zn] 3. Malakua Creek [Cu-Zn]
- - 18. Voua Creek [Cu-Pb-Zn]
- 20. Sulua Creek [Cu-Zn]
- - 35. Wainikovu [Cu(Au-Ag,Zn-Pb)]
  - 36. Wainadoi {Au(Ag,Te,Cu)}

  - 37. Waimanu (Au) 38. Colo-i-Suva [Zn-Cu(Au)]
- 52. Tawarayi Creek [Cu(Au)] 53. Vuda [Au(Cu-Ag))
- 54. Bafevuto [Pb-Zn,Cu-Au-Ag] 55, Drasa [Al]



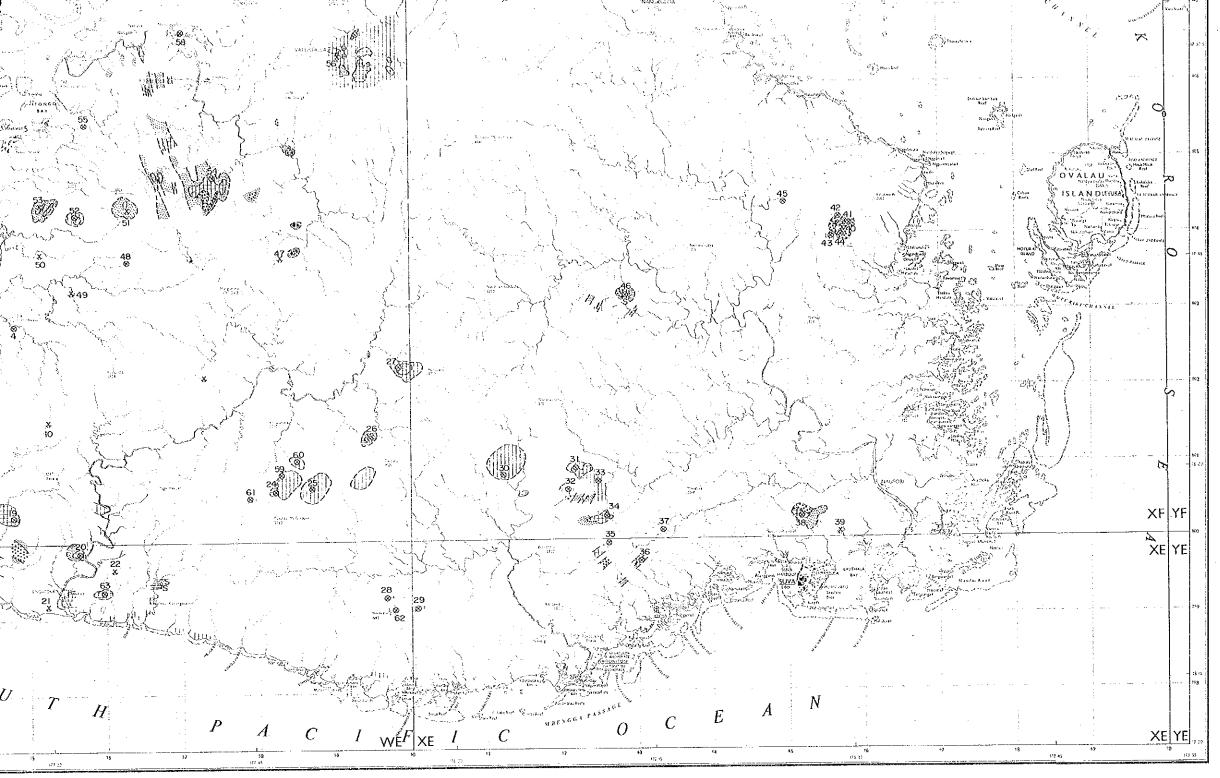
- 1A. Faddy's [Au]
- 2. Uciwai Road [Cu-Pb-Zn]
- 3 . Malakua Creek [Cu-Zn]
- 4. Taci [Fe]
- 5. Koroisa [Mn,Au-Cu-Pb-Ag]
- 6. Koroisa [Au-Cu-Pb-Ag & Ba]
- 7. Nabu Mine [Mn]
- 8. Koroviko Mine [Mn,Fe-Ba]
- 9. Tuveriki Mine [Fe]
- 10. Vunamoli Mine [Mn]
- ff. Kubuna River (Zn-Pb-Cu)
- 12. Nacifega [Cu-Mo]
- 13. Kule or Kule Creek (Cu)
- 14. Kule Creek [Cu]
- 15. Natualevu [Zn(Cu-Ag)]
- 16. Naitaki Creek [Cu-Pb-Zn]

- 17. Tuva River (Cu)
- 18. Voua Creek [Cu-Pb-Zn]
- 19. Tulasewa (Zn-Cu)
- 20. Şulua Creek [Cu-Zn]
- 21. Sigatoka Dunes (Fe,Ti)
- 22. Baravi Mine [Mn]
- 23. Nasaucoko Mine [Mn]
- 24. Kavika-Lo [Zn-Cu(Pb,Ag,Au))
- 25. Rama Creek (Cu(Au))
- 26. Nakoro [Zn-Cu,Ag-Au]
- 27. Wainivau [Cu(Au)]
- 28. Kula (Cu-Znj 29. Wainaleka (Zn-Cu(Ag))
- 30. Waitotolu [Cu-Zn]
- 31. Waisoi [Cu(Au-Mo ]
- 32. Wainabama [Cu(Au-Mo)]
- 33. Wainisavu savu (Cu-Zn(Au))

- 34. Waivaka [Cu]
- 35. Wainikovu (Cu(Au-Ag,Zn-Pb))
- 36. Wainadoi [Au(Ag,Te,Cu)]
- 37. Waimanu [Au]
- 38. Colo-i-Suva [Zn-Cu(Au)]
- 39. Kalabo Mine [Mn]
- 40. Wainivesi Mine [Zn-Cu-Pb(Au-Ag)]
- 41. Wailotu (Cu-Fe(Zn))
- 43. Wainiviti [Zn-Pb-Cu] 44. Wainivesi (Mn)
- 45. Waivisa [Mn]
- 46. Nuku [Cu]
- 47. Tabuquto Mine [Mn]

- 50. Votualevu Mine (Mn)

- 51. Kingston Mine [Cu,Au-Ag
- 52. Tawaravi Creek [Cu(Au)]
- 53. Vuda [Au(Cu-Ag)]
- 54. Balevuto [Pb-Zn,Cu-Au-Ag]
- 55. Drasa [A1]
- 56. Emperor Mines Vatukoula (Au-Ag-Te(Cu-Zn))
- 57. Waikata-kata [Au]
- 58. Ba delta (Fe)
- 59. Naruku-fevu (Cu,Zn(Au,Ag))
- 60. Tubatolu (Cu)
- 61. Matalo [Cu]
- 62. Nancy-Kalia (Cu(Zn))
- 63. Korotogo (Cu-Zn(Pb-Au-Ag))
- 64. Rakiraki [Au]



#### MINES AND PROSPECTS

- 1. Mistry Mine [Au-Ag-Pb(Cu,Zn)]
- IA. Faddy's [Au]
- 2. Uciwai Road (Cu-Pb-Zn)
- 3. Malakua Creek (Cu-Zn)
- 4. Taci [Fe]
- 5. Koroisa [Mn,Au-Cu-Pb-Ag]
- 6. Koroisa [Au-Cu-Pb-Ag & Ba]
- 7. Nabu Mine [Mn]
- 8. Koroviko Mine [Mn,Fc-Ba]
- 9. Tuveriki Mine [Fe]
- 10. Vunamoli Mine [Mn]
- 11. Kubuna River [Zn-Pb-Cu]
- 12. Nacilega [Cu-Mo]
- 13. Kule or Kule Creek [Cu]
- 15. Natualevu [Zn(Cu-Ag)]
- 16. Naitaki Creek [Cu-Pb-Zn]

- 17. Tuva River [Cu]

- 22. Baravi Mine [Mn]

- 26. Nakoro [Zn-Cu,Ag-Au]

- 31. Waisoi (Cu(Au-Mo )

- t8. Voua Creek [Cu-Pb-Zn]
- 19. Tulasewa [Zn-Cu]
- 20. Sulua Creek [Cu-Zn]
- 21. Sigatoka Dunes [Fe,Ti]
- 23. Nasaucoko Mine [Mn]
- 24. Kavika-Lo (Zn-Cu(Pb,Ag,Au))
- 25. Rama Creek [Cu(Au)]
- 27. Wainivau [Cu(Au)]
- 29. Wainaleka (Zn-Cu(Ag))
- 30. Waitotolu [Cu-Zn]
- 32. Wainabama [Cu(Au-Mo)]
- 33. Wainisavu savu (Cu-Zn(Au))

- 34. Waivaka (Cu)
- 35. Wainikovu [Cu(Au-Ag,Zn-Pb)]
- 36. Wainadoi [Au(Ag,Te,Cu)]
- 37. Waimanu [Au]
  - - 38. Colo-i-Suva [Zn-Cu(Au)]
    - 39. Kalabo Mine (Mn)
    - 40. Wainivesi Mine [Zn-Cu-Pb(Au-Ag)]
    - 41. Waifotu [Cu-Fe(Zn)]
    - 42. Wainavola [Fe]
    - 43. Wainiviti (Zn-Pb-Cu)
    - 44. Wainivesi [Mn]
    - 45. Waivisa [Mn]
    - 46. Nuku (Cu)
    - 47. Tabuquto Mine [Mn]
    - 48. Nasavisavi Creek [Fe] 49. Sivia Creek [Mn]
    - 50. Votualevu Mine [Mn]

- 51. Kingston Mine [Cu,Au~Ag
- 52. Tawaravi Creek [Cu(Au)]
- 53. Vuda [Au(Cu-Ag)]
- 54. Balevuto [Pb-Zn,Cu-Au-Ag]
- 55. Drasa [Al]
- 56. Emperor Mines Vatukoula [Au-Ag-Te(Cu-Zn)]
- 57. Waikata-kata (Au)
- 58. Ba delta [Fe]
- 59. Naruku-levu [Cu,Zn(Au,Ay)]
- 60. Tubatofu (Cu)
- 61. Matalo [Cu]
- 62. Nancy-Kalia [Cu(Zn)]
- 63. Korotogó [Cu-Zn(Pb-Au-Ag)]
- 64. Rakiraki [Au]



FEBRUARY 1991

JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

Scale 1: 250,000

#### LEGEND

- Strongly argillized alteration
- Medium argillized alteration
- Weakly argillized alteration
- Propylitic alteration
- Silicification

Closed mine

- Working mine
- 8 Prospect
- 1~63 Location Nos. denoted as the numbers in the list of the prospects and mines

