UNION OF BURMA

REPORT ON GEOLOGICAL SURVEY

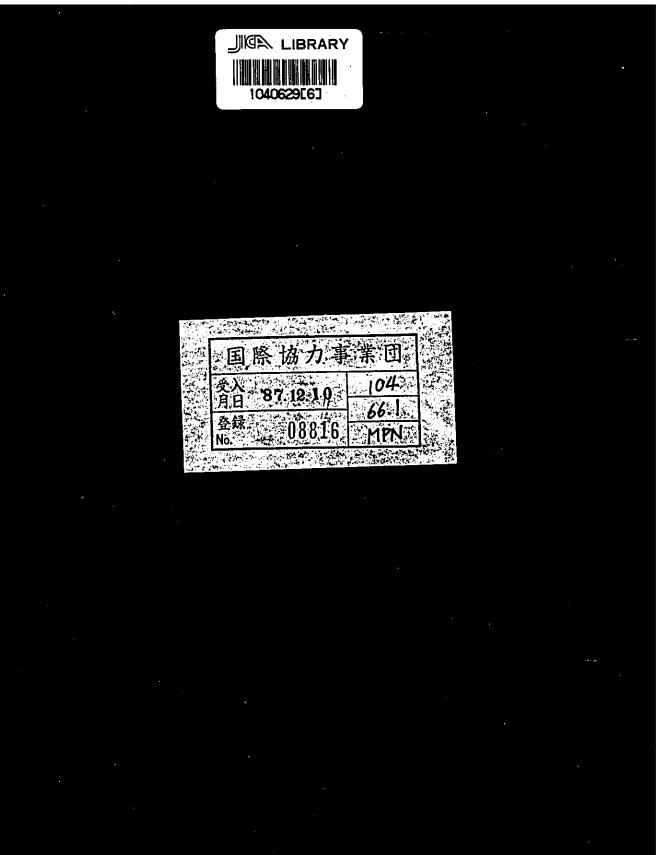
OF THE MONYWA AREA

PHASE II

(VOL. II)

# GEOLOGICAL MAPS

METAL MINING AGENCY JAPAN INTERNATIONAL COOPERATION AGENCY GOVERNMENT OF JAPA



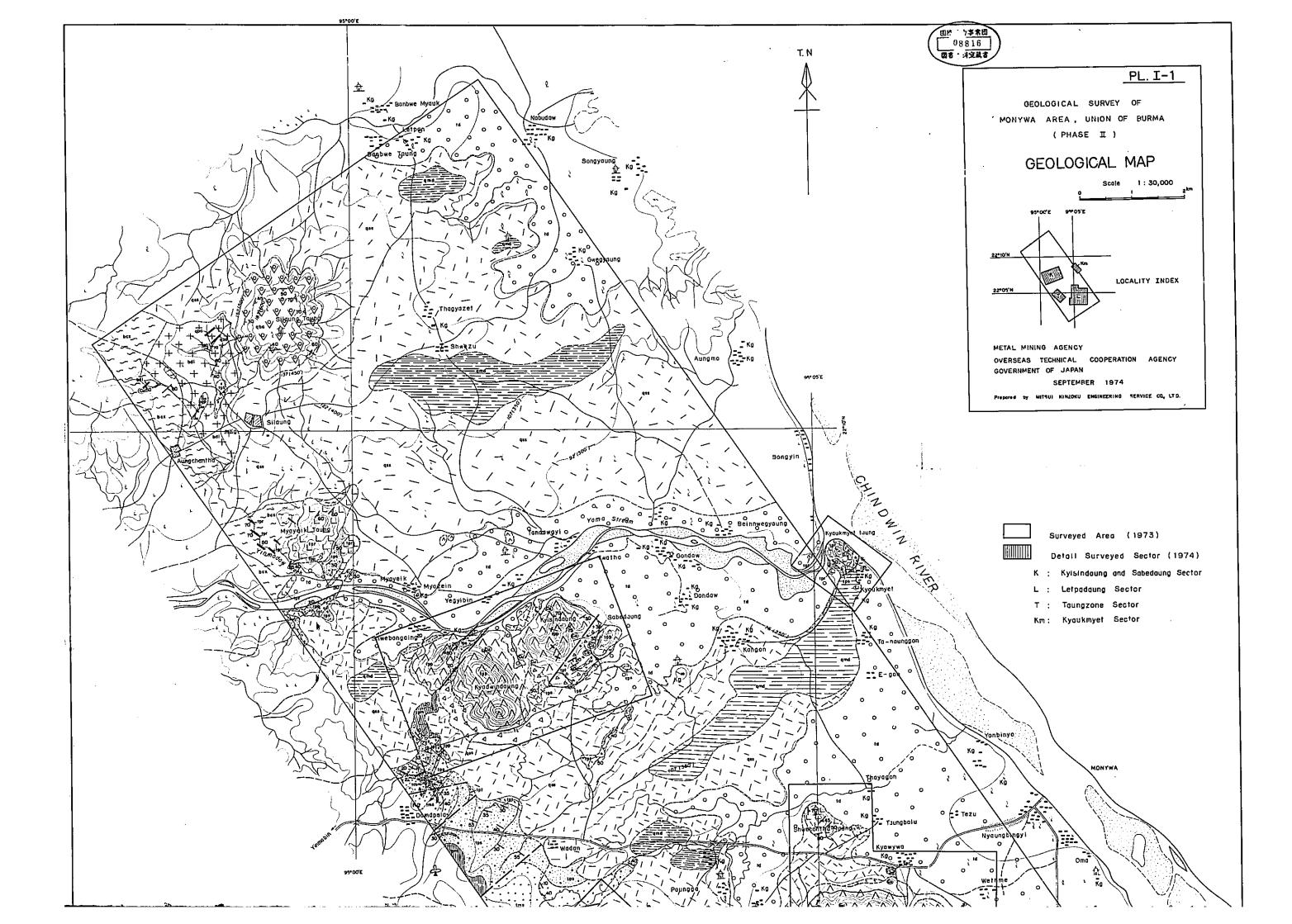
#### List of Plates

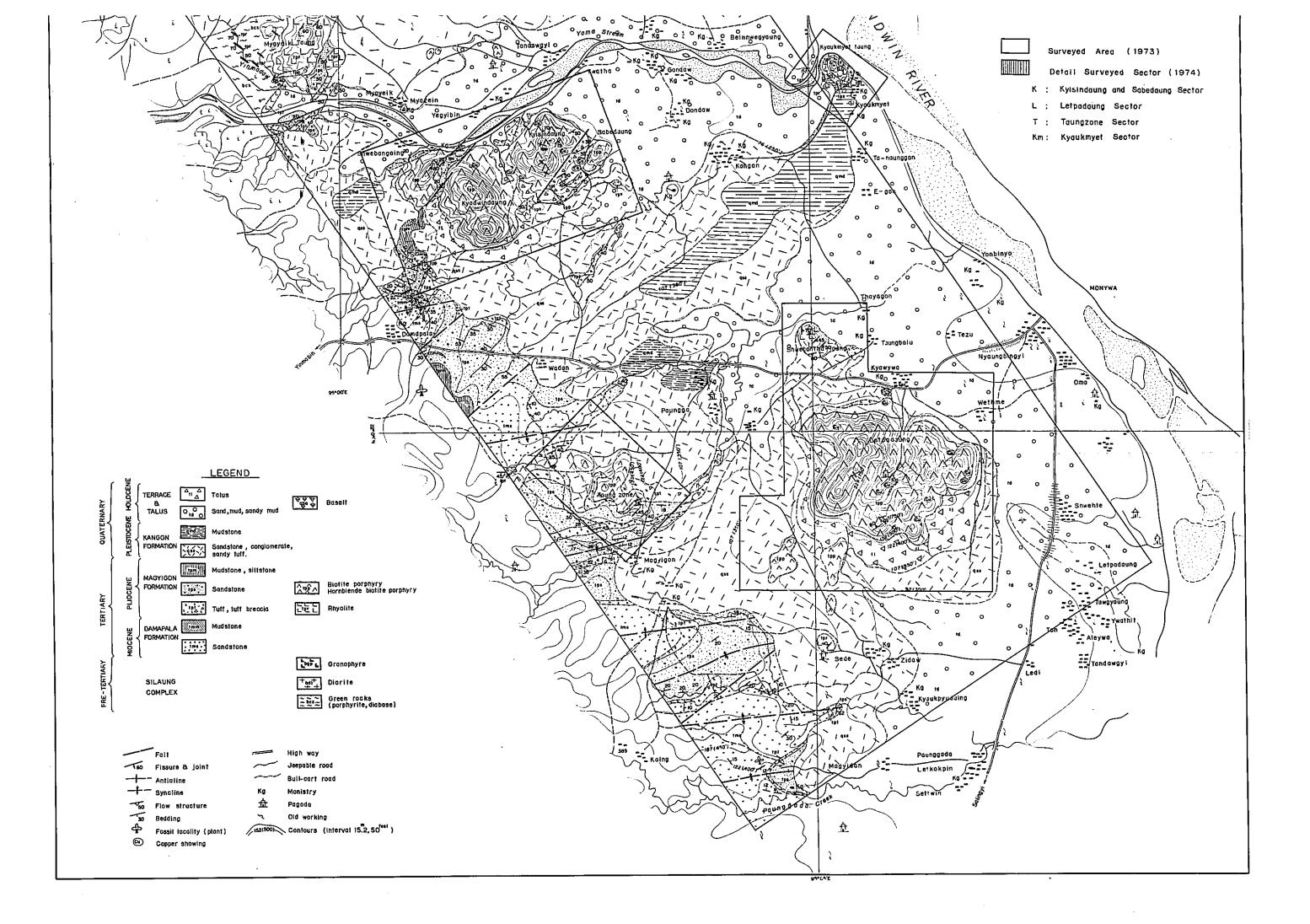
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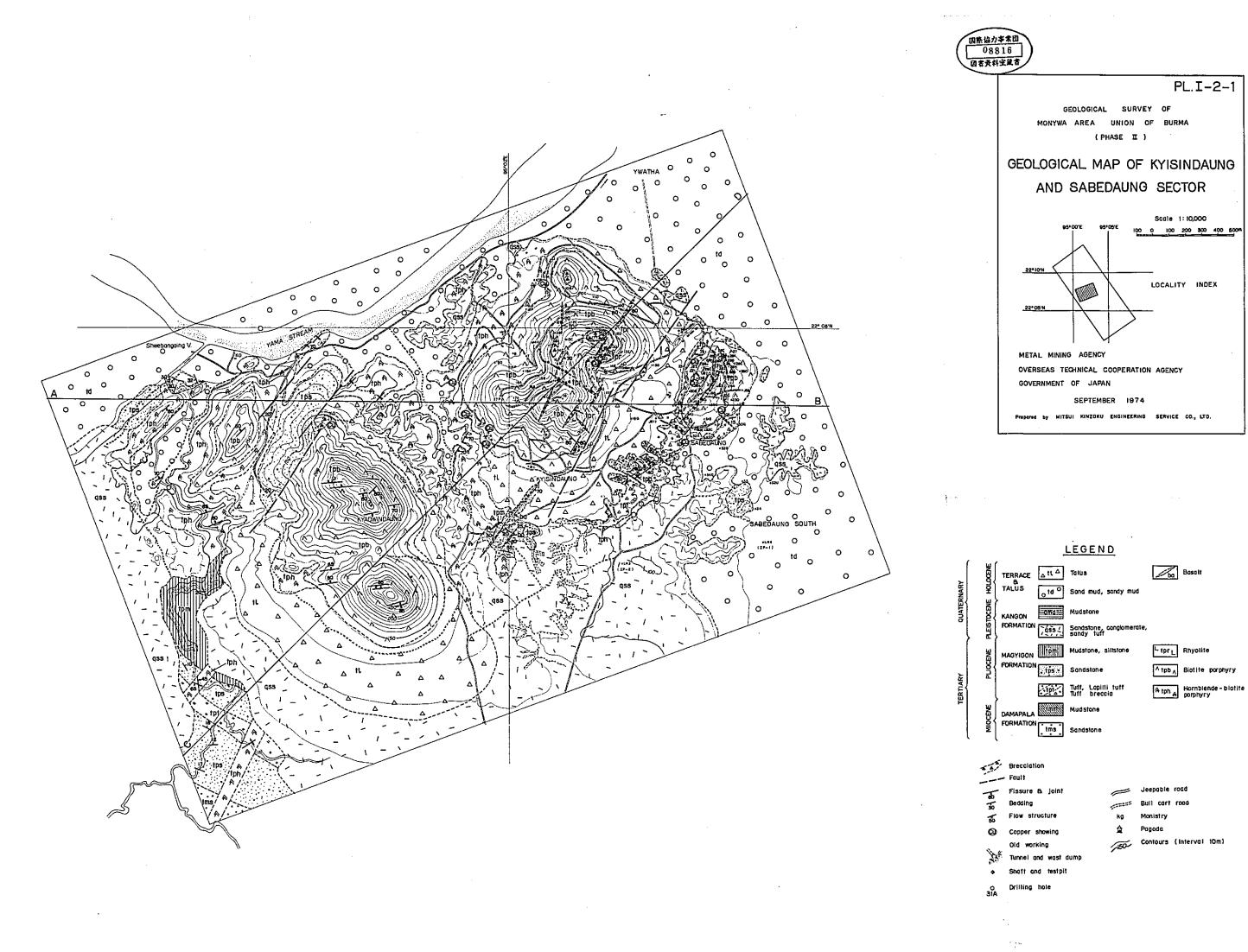
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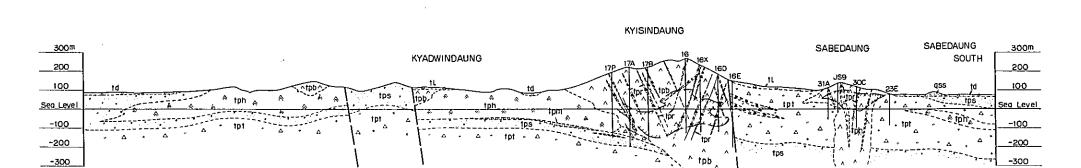
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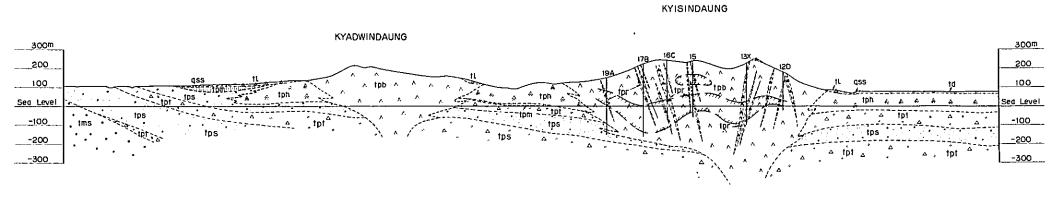


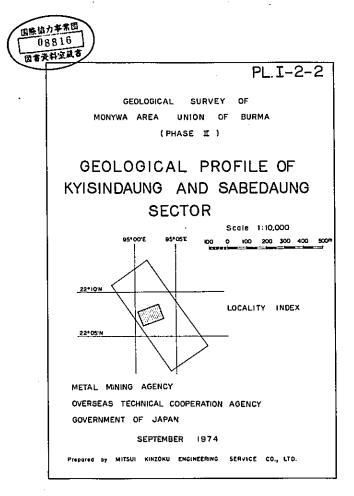


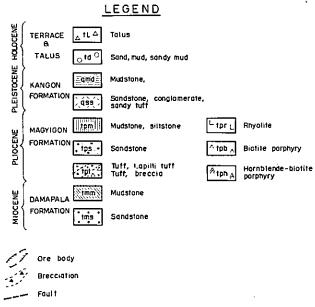


A - B SECTION





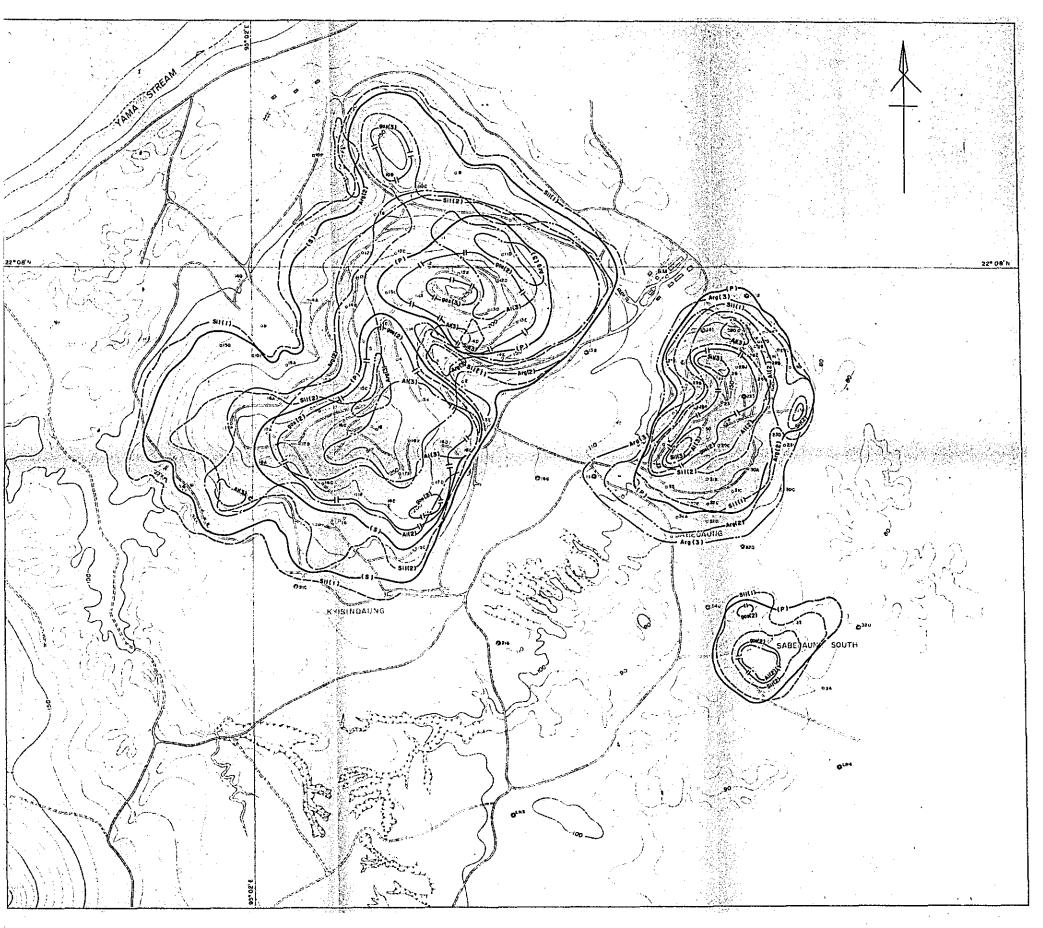


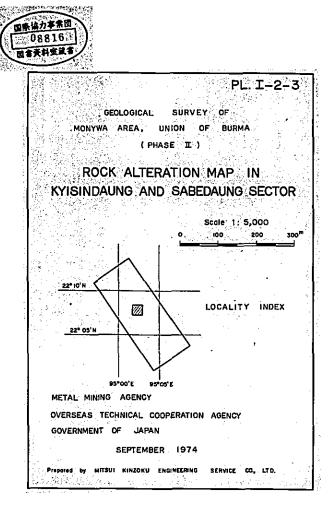


(Cu) Copper showing

QUATERN

TERTIARY



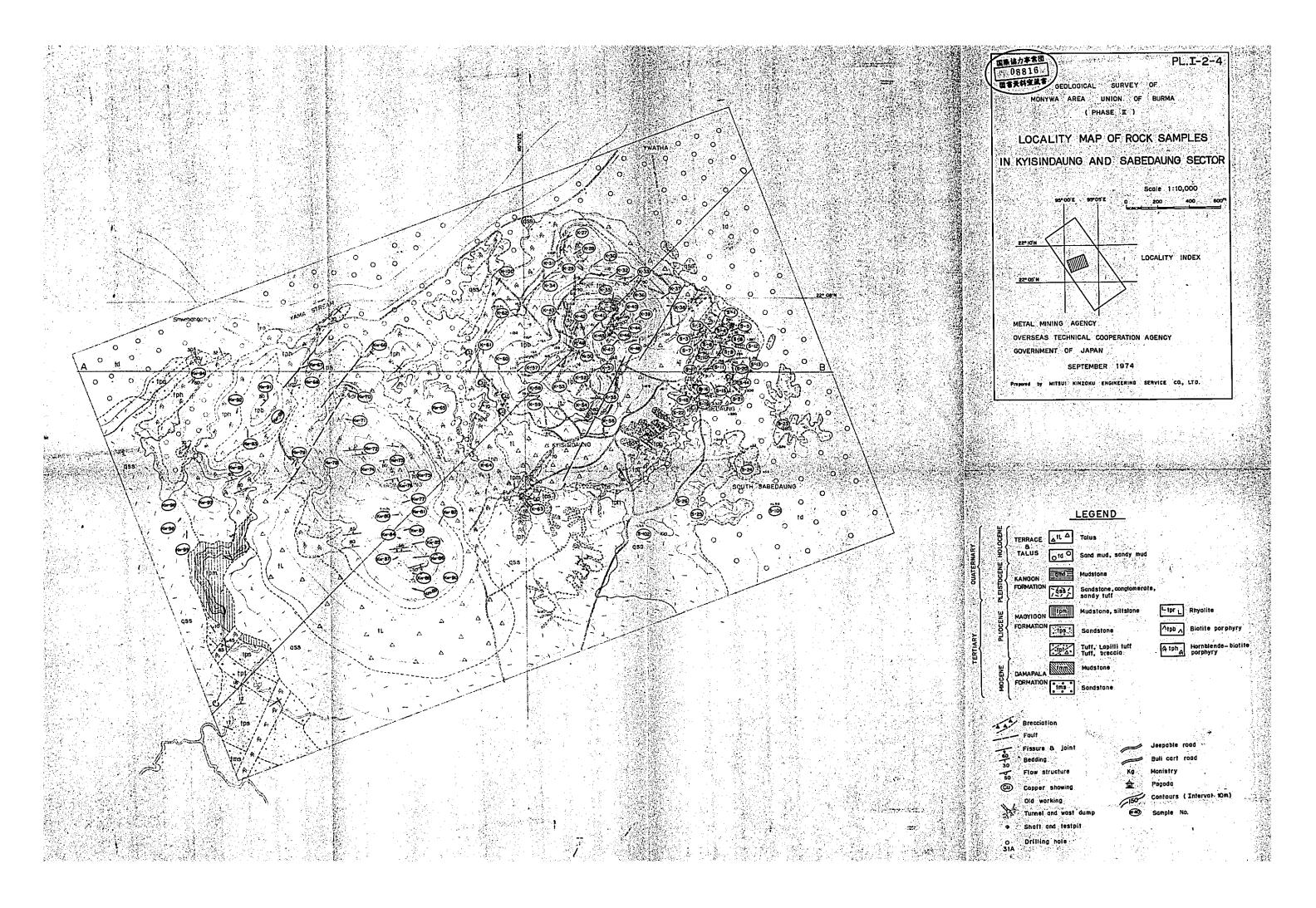


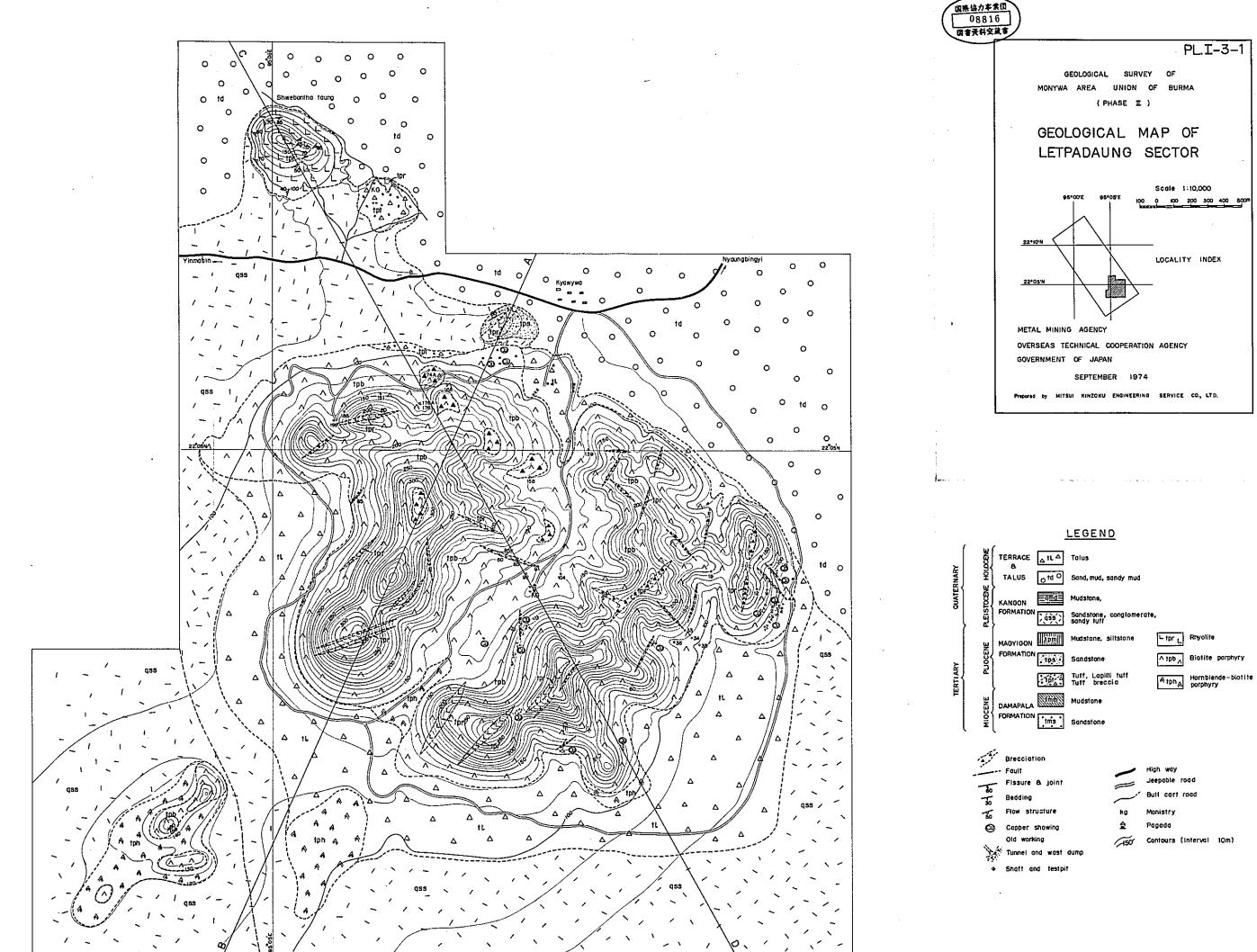
## LEGEND

Arglilization Silicification Alunitization Gassan Primary area for exploration Secondary area for exploration

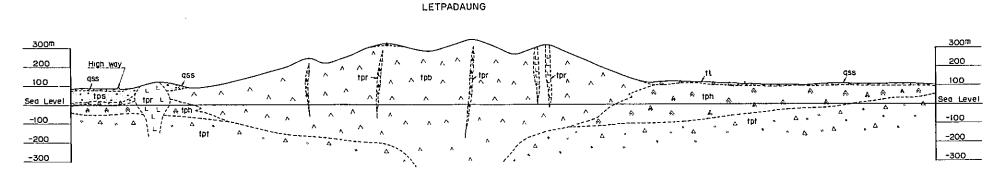
### DEGREE OF ROCK ALTERATION

	Argillization	Silicification	Atunitization	Gossan
A	koolinite sericite	Si O2	alunite	hemotite limonite
(1)	weak	55 <b>-</b> 65 <sup>%</sup>	weak	weak
(2)	medium	65- 80 <sup>%</sup>	medium	medium
(3)	strong	> 80%	strong	strong

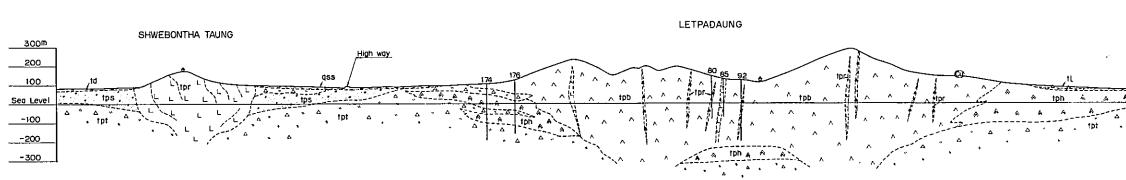




A-B SECTION

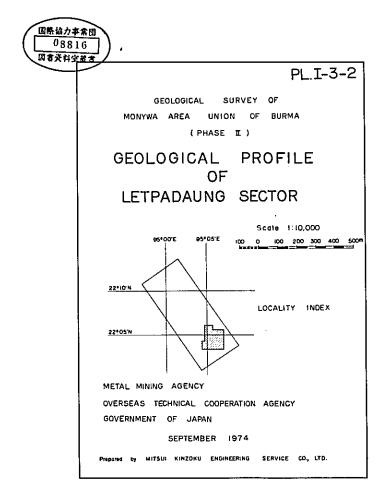


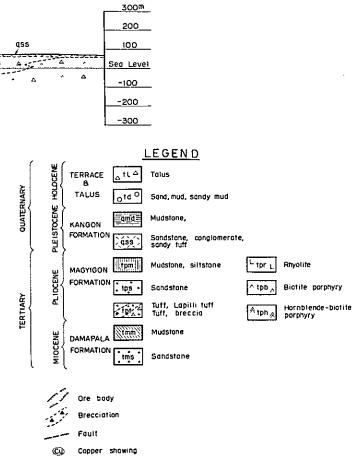
C-D SECTION



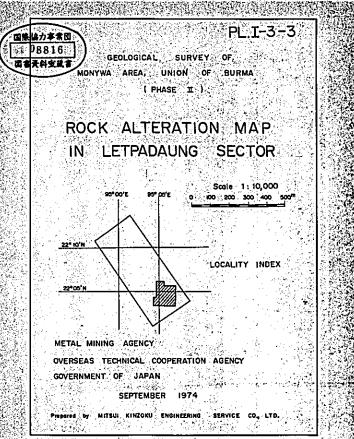
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LETPADAUNG











Argiilization Silicification Alunitization Gosson

> Primary area for exploration Secondary area for exploration

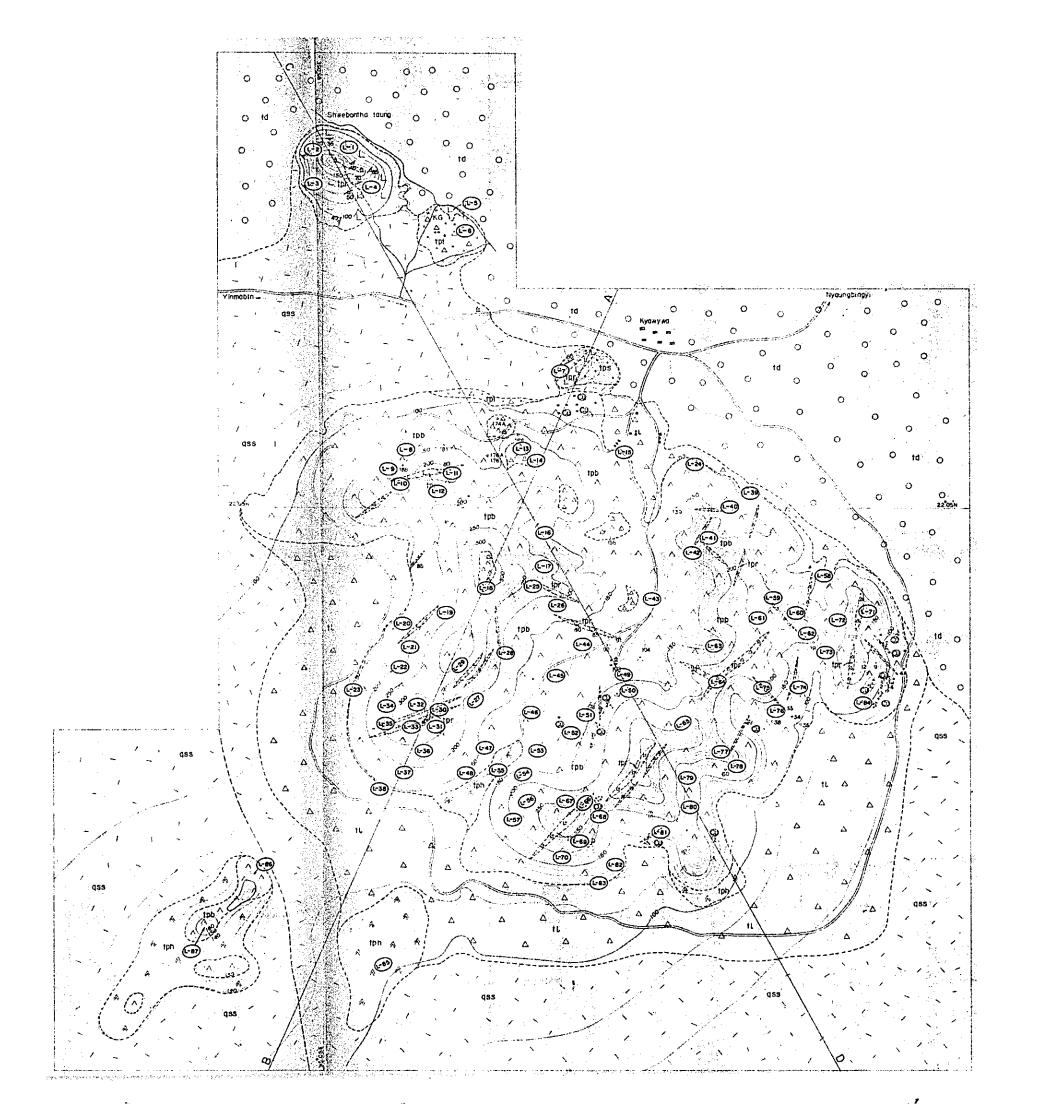
	)EG									

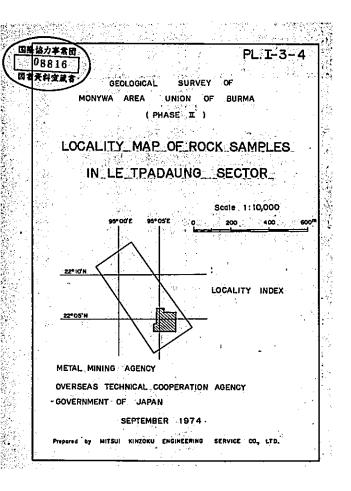
	argillization	'silicification_	dunitization	~ gossan	5
A	kaolinite • srricite	sioz	olunite	hematite limonite	
ίņ.	weak	55~65 %	weak	weak	
(2)	medium	65-80%	medium	medium	
(3)	strong	> 80 %	strong	strong	2
	5	1			1.7

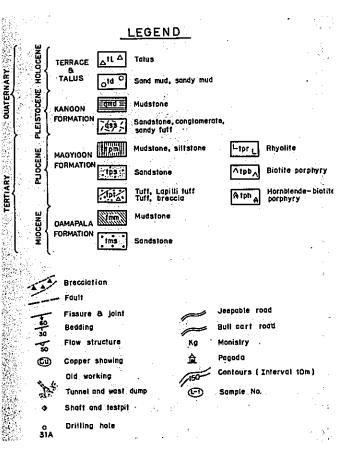
by field observation)

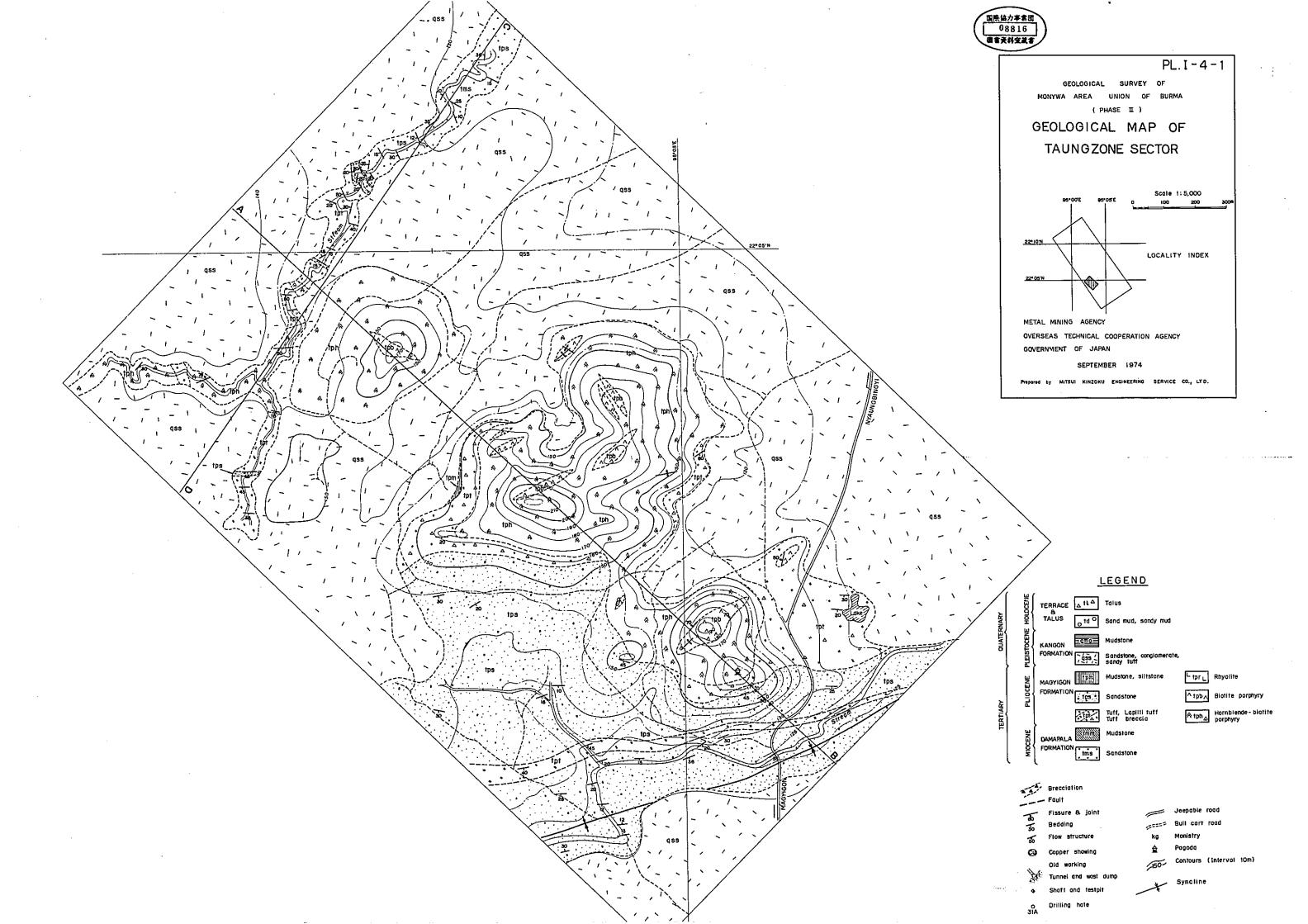
\* A ; mineral or ingredient

Location of the proposed drill hole



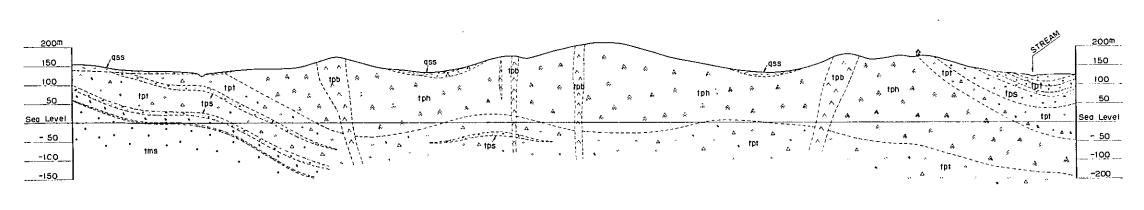




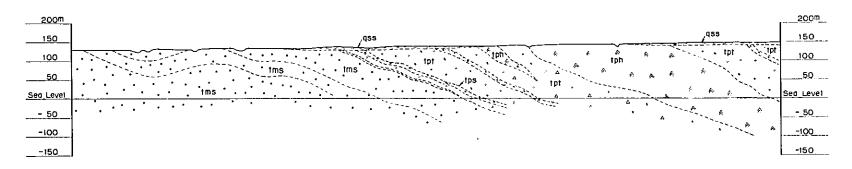


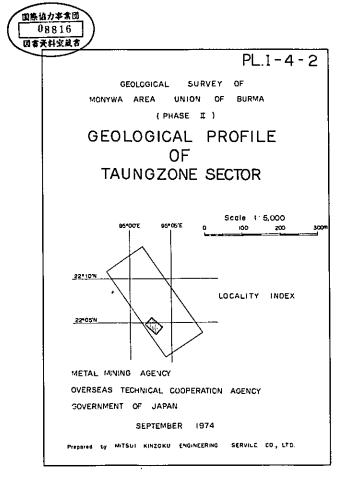


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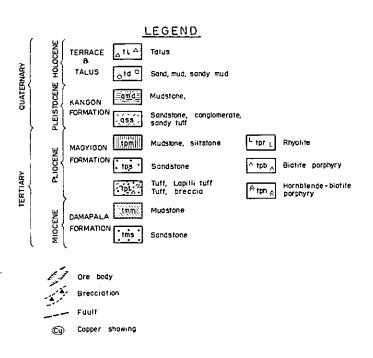
C-D SECTION

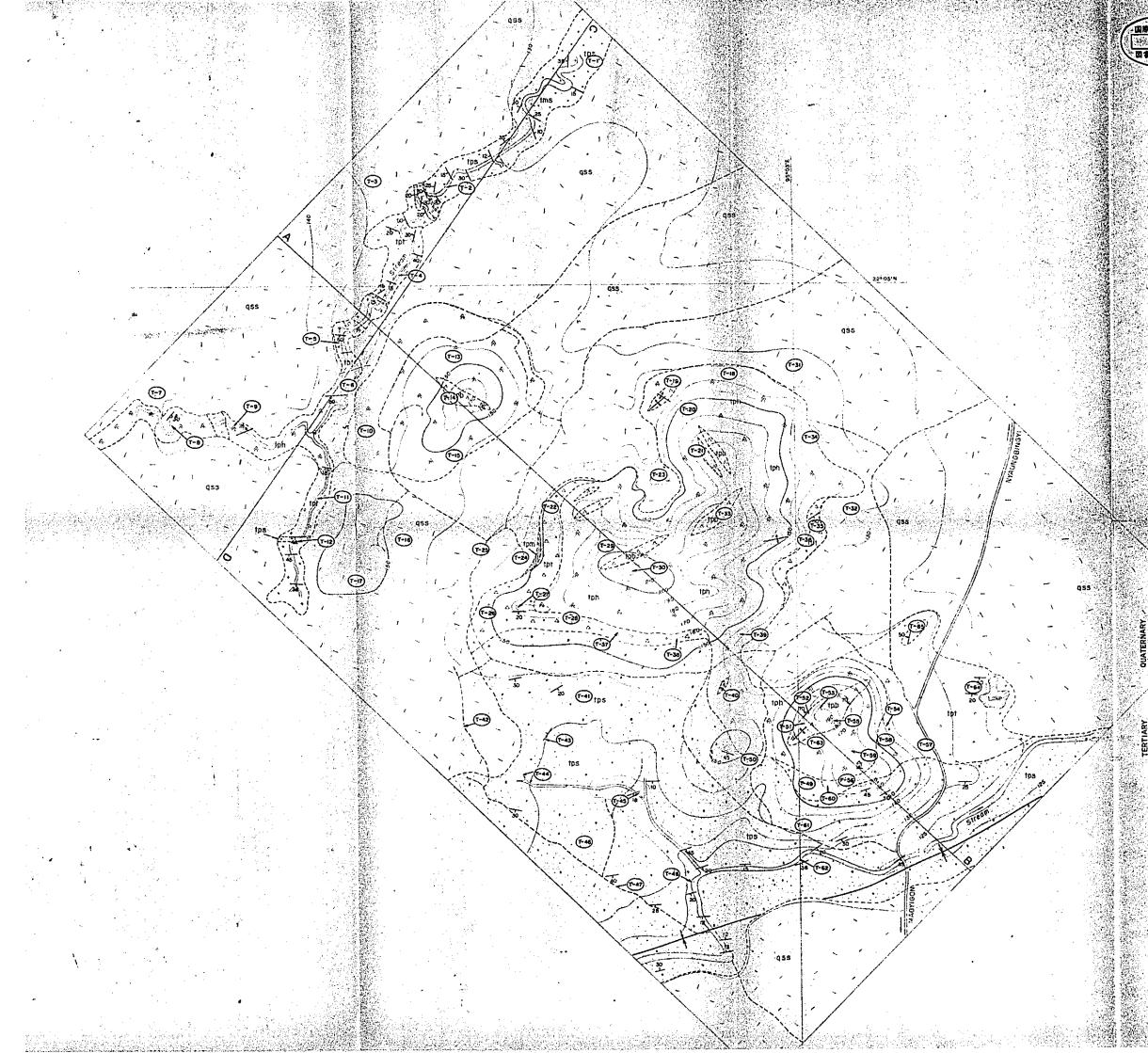


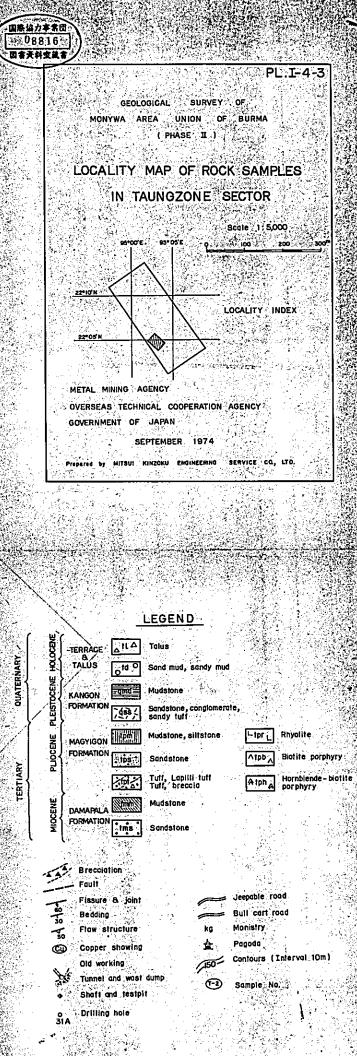


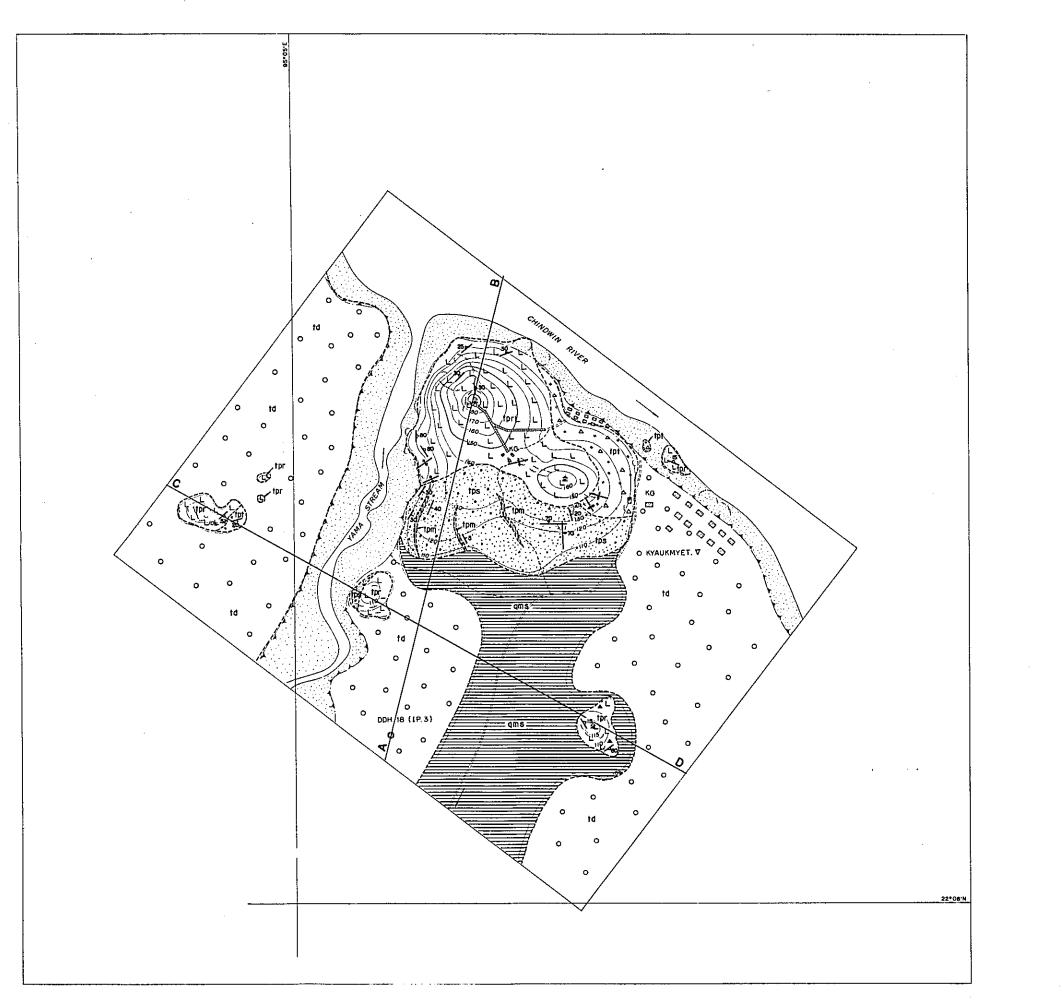
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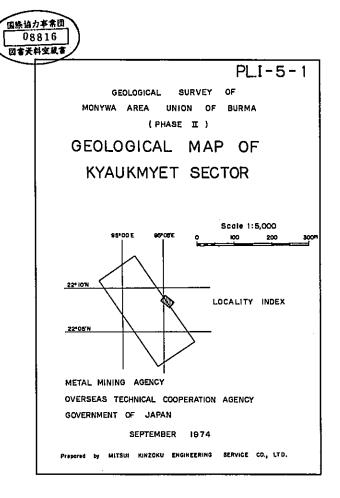


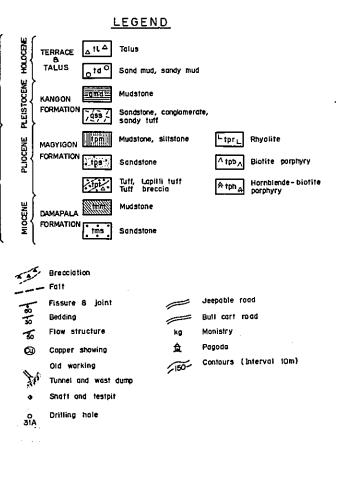






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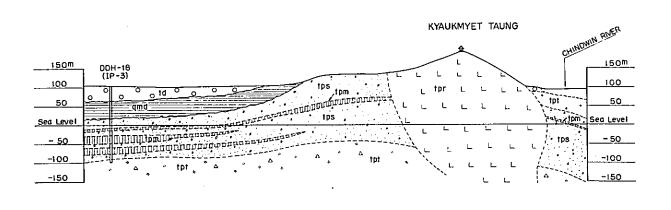




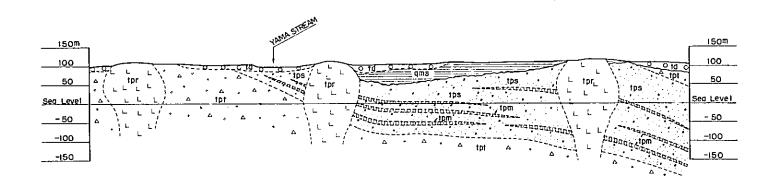
OUATERNARY

TERTIARY





C-D SECTION

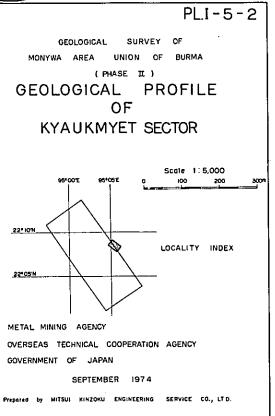


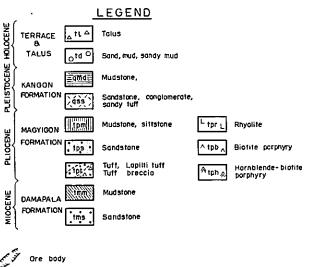
QUATERNARY TALUS KANGON FORMATION MAGYIGON FORMATION TERTIARY ۳ Gre body

---- Fault



1

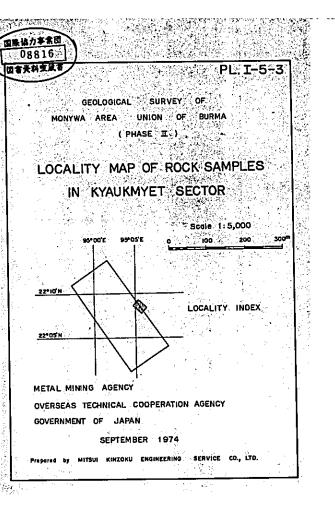


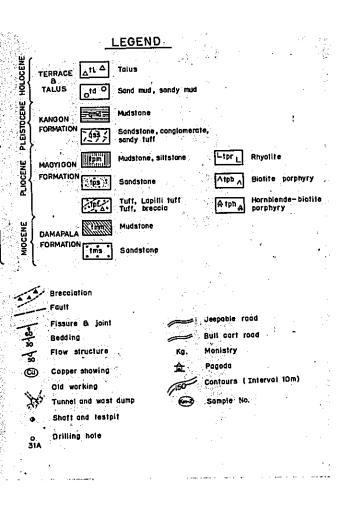


(Cu) Copper showing



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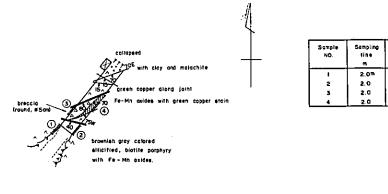


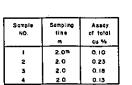


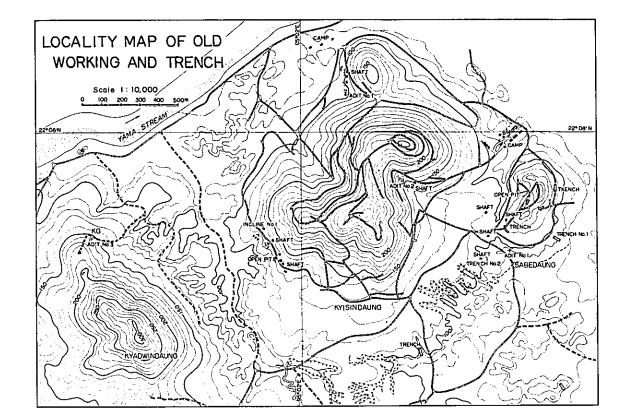
OUATER



INCLINE NO.1

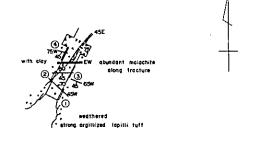




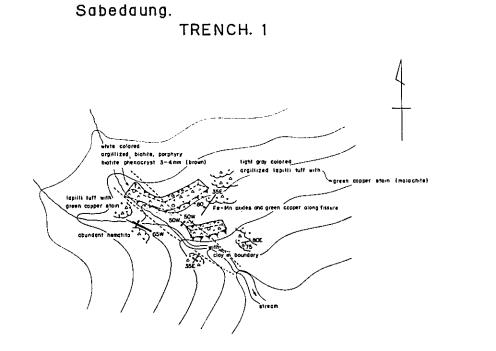


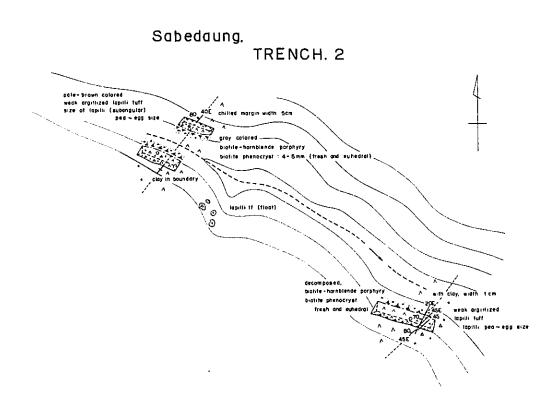
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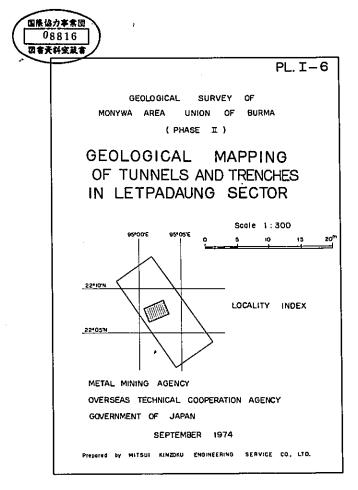
Sabedaung. ADIT. NO.1



Somple NO	Sampling line m	AssCy of total cu %
1	2.07	0.08
2	2.0	010
3	2.0	0.28
4	20	0 10







#### <u>LEGEND</u>

Rhyolite



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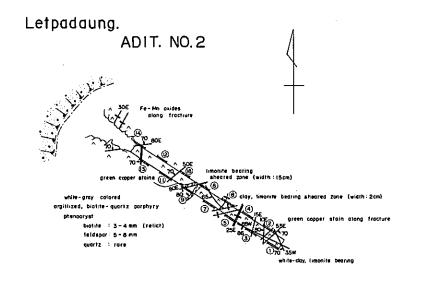
Biotite porphyry Btornblende biotite porphyry Lapilli tuff , Tuff breccia Breccia

60 30 40

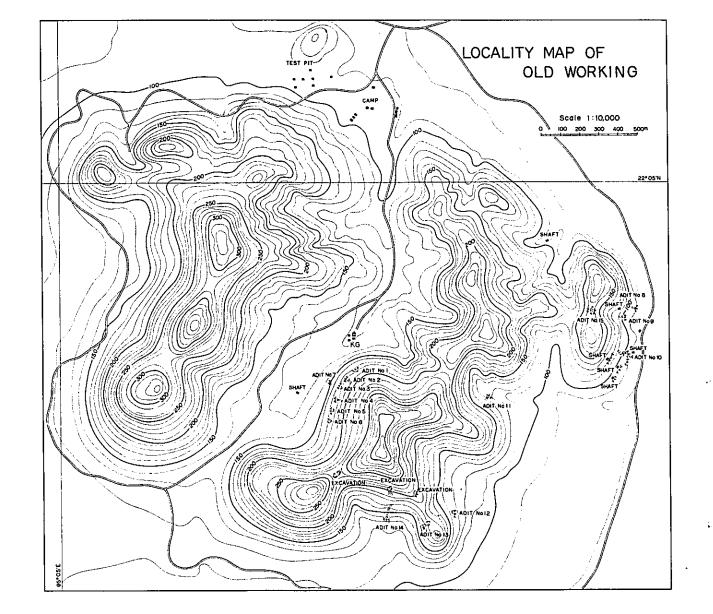
Fissure and joint

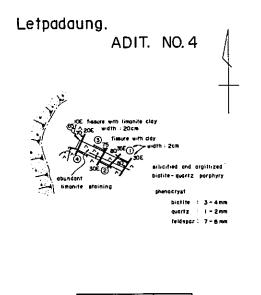
Beddina

Sample No. and sample locality

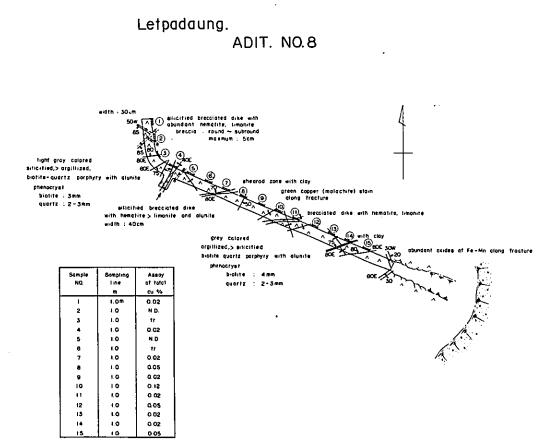


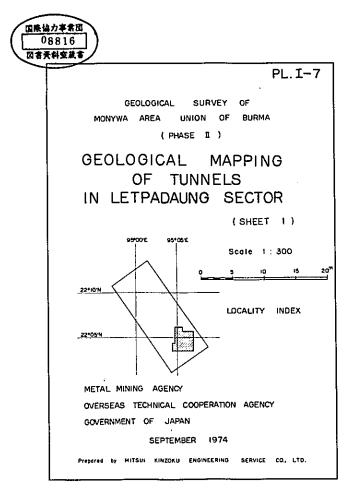
Sample NQ.	Sampling Line M	Assay of .tatal cu %
•	207	0.03
5	2.0	0.08
3	2.0	0.03
4	20	0.03
5	20	ŧr
6	2.0	0.15
7	20	0.18
6	2.0	0.16
9	2.0	0.15
10	2.0	0.15
£1	2.0	0.33
12	2.0	0.18
13	2.0	0.25
14	20	0.20





Sample NO	Scapling line M	Assay of loigi cu %
I	2.0m	0.30
2	2.0	0.28
3	2.0	0.03
4	2.0	0.05



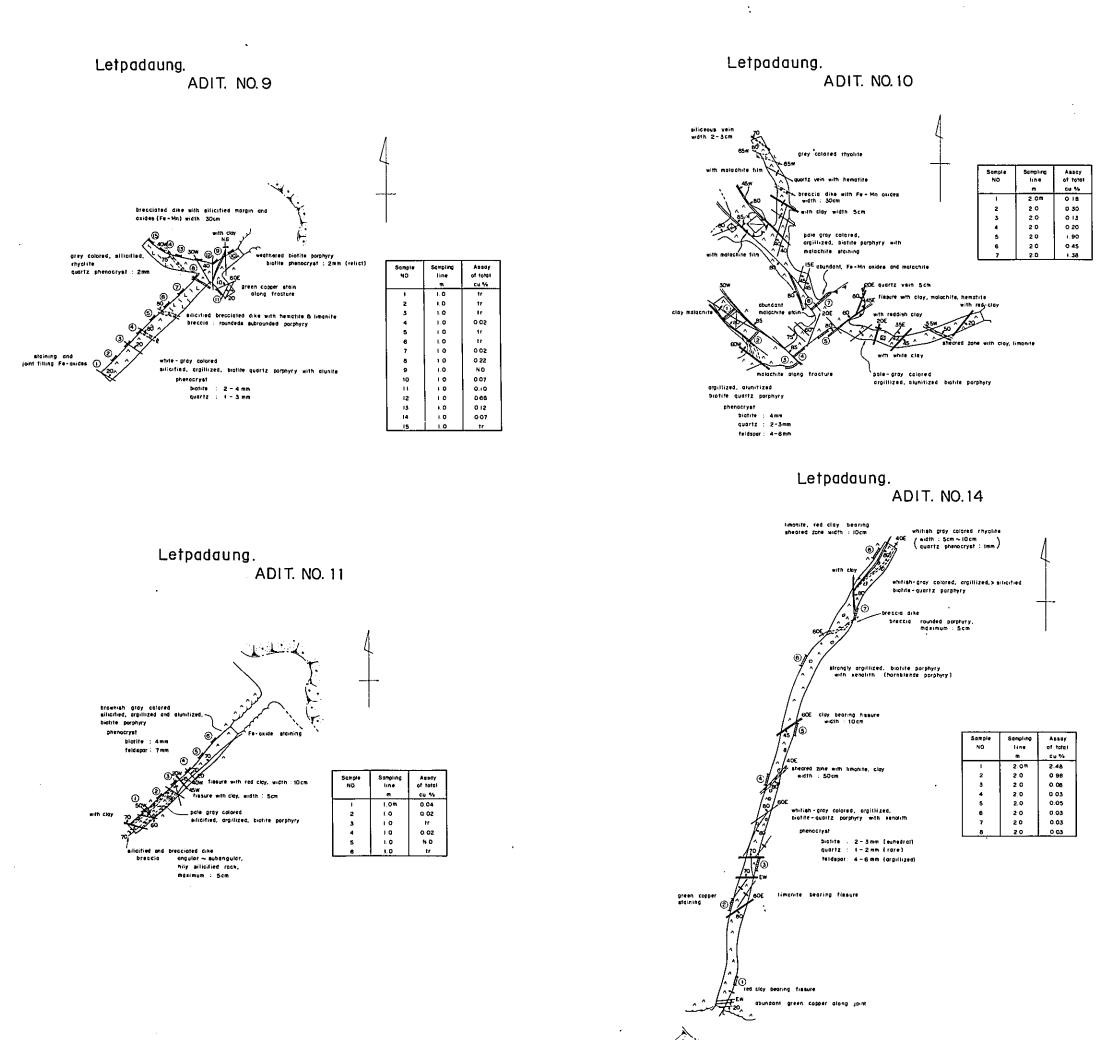


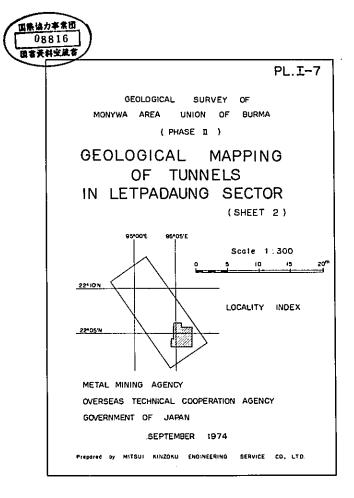
#### <u>LEGEND</u>

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	^	
_	<u>ہ</u>	
_		

Rhyolite Biotite parphyry Lapilli tutt Breccia Fissure and joint Bedding

Sample No. and sample locality

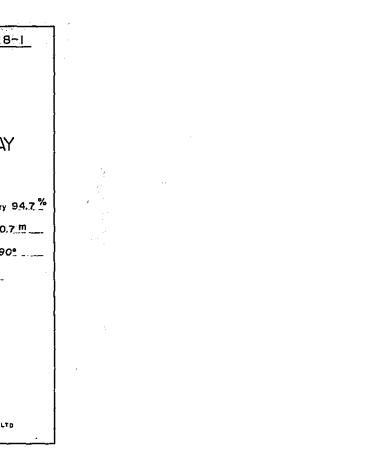




#### <u>LEGEND</u>

L L	Rhyolite
^ ^	Biotite porphyry
• * • , • *	Lapilli tuff
	Breccia
60	Fissure and joint
30	Bedding
40	Sample No. and sample locality

<b>.</b>	j. juji se	7 70 4	nne na seguna a sa	1	1.0903				<b>1</b>			<u>}</u>	·		<u>.</u>	<u> </u>	4	<u>.</u>			<u>.</u>	<b>11</b>	13 320	4/## 8816 2492	
	Depth	ction,	Rarticulara	<b></b>	- T	<u> </u>	linereti	<b></b>	Samp Ne.	le Dept	<u>,</u>   c	Resul are S	empier	ef BURMA	tin e	mical 7	Analy JAPAI	12						830 C	<u>PL 1-8-</u>
	<b>(m)</b> 50.000	Sector		010		**   -	Py	RN	. N	.		ngth Li	ngih i	T-C4%	T Cu	รง-ตั	2. 7	A %	5 %	6 Au 94	A5 9.	98 1			
	3.0	-	TOUR COTE	<u></u> -₁		·			-	·   `			- {	1	•	·	{				·		l	ł	GEOLOGICAL SURVEY OF
			brownish gray colored massive tuff with						1	1			· I	- }	I				}		1				MONYWA AREA. UNION OF BURMA
	10.0	, .	róck fragmento 2 cm	-				Į .	<b>}</b> .					}				1		1	!		1	1	(PHASE I)
	u. 7	4 11	leached some with	1-1	1	11				ŀ			- 1	. }		ļ.		!		1		松美	]	j	
1	in di B	" Δ.	tuff broccia with Foworide staining (lizonite)						}	]			j		I			]	]			1.60	ļ		CORE LOG and ASSAY
		<b>∎</b>	emential rock fragmants	14				1					-	,	i	1					Ì		ļ		
4	20.0		breccia zizo-	(kaó)		<u>i (</u>	4	<u></u>	_   ~1	20		z.0	2.0	0.95	0.94		1	[	[			13	(	ſ	DDH_No[(JS]) Sheet I
	- ÷ ÷	Δ.	common : 2-5 cm maximuma: 10 cm	{		11		.	. 2	1			2.0	C.17	0,15		<0.01			<b>(0.1</b>		1 2	(	ſ	Total Length 150.4 m Core Recovery 94
	1		DAXIDURT 10 CE	{		11		{ }		24	1		2.0 2.0	C. 30 0. 36	C.21 0.25	1	<b>40.01</b>	20.01	3.5	<0.2	</td <td>100</td> <td></td> <td>ł –</td> <td>•</td>	100		ł –	•
1 A A A A A A A A A A A A A A A A A A A			lapilli tuff with essential rock fragments					c. 0	5				2.0	0.15	0.03				ł		ł		}	ł	Location Sabedaung Elevation 100.71
	30.0 30.4	<u>م</u>	brecaiated biotits pershyry	┨─┤		; †		┝┼╴	- 6	20			2.0	0,20	C.24			(0.01		<0.1			}		Direction 0 Inclination -90°
· · · ]	· · ·	[هــه]	feldapar : 4 ma	) Kato		ΥI				32		-	1.6 2.0	0,12 0,12	0.07		<0.01	20.01	4.0	<c.1< td=""><td>\ &lt;1</td><td></td><td></td><td>]</td><td>Date of Logging from 30:11:73 to 4:12:73</td></c.1<>	\ <1			]	Date of Logging from 30:11:73 to 4:12:73
		Δ. • • Δ	essential tuff broccia with pyrite ore fragmonts	Ĩ					1 ,	· 36	-		1.5	0,09	0.00		\$0.01	10.01	3.9	<0.1	Į (1		<b>)</b>	]	
	40,0	۵ <b>«</b> -	broccis size maximum: 40 cm				ļ		10		- 11		1	£.06	0.05		<b>!</b>			]	ľ		ļ	)	Logged by S. MONONÓBE
, [							1		12				2.0 2.0	0.11 0.09	0.09 C.13		0.01	(e.01	3.9	20.1	101		ļ	ł	
(	43.2		10° chalcouite bearing pyrite veislet, width : 5 cm						13	1			2.0	0.55	0.60	·[							ļ	ļ	
			pyrito-quartz druss with chalcocita lapilli tuff	(	×	Į Į	1	6.	14	1	0		1.0 2.0	0.74 0.21	0,91	1	\$c.01	10.01	1.2	20.1	a		(	ļ	METAL MINING AGENCY
	500					╢┛┥		<u>   </u> _	16	50.	.0	2.0	1.9	0.35	0.48	1	í		Í		1				OVERSEAS TECHNICAL COOPERATION AGENCY
							1		17				1.8 1.4	0,16 0,38	0,14					20.1 20.1			]		GOVERNMENT OF JAPAN
	j <b>5.</b> 0	440	alunitized breceisted biotito porphyry with pyrito oro fragants			A 1	Δ		19	1				0.46	0.53	1	<b>F.0.01</b>	20.01	12,0	2011			]	1	SEPTEMBER 1974
1	60 0	^ ^	bictite phenocryst : 3 cm			<b>    </b>		$ \Lambda $	20	í	- 1	1	2.0	1,08	0.67	1						1.	}	Pre	pared by MITSUI KINZOKU ENGINEERING SERVICE CO. LTD
ţ			255° chalcocite conting pyrite-quarts veinlet.	┨─╽	-5		-{}-	<del>╞┍┨╞</del>	21		- L		1.8 1.6	2.23	1.50		(0.01			20.1 20.1		1	}	L	
			width 4 mm pyrite-quartz vaialot with chalcocita	307			}].	١Ų.	23	1	-		2.0	1.94	1.43	1		]	1.1	10.1		1			•
		<u> </u>	∠55° width : ?.0 cm	li			$\cdot$	lΫ́	24				2.0	1,00	0.85		10.01	<0.01	14.9	20.1	1		- Himmedian - A		
	70.0		10° width : 1.0 cm			11_1		ĽĽ	26	1			2.0 2.0	1.10 C.47	1.11 C.39	1		1	[			13	a - 10a		
	72.0	• 11	-35° width : 2 mm lapilli tuff with porphyritic roock	[ {		11	V		27				5°0	C.12	0.31	C.06	<0.01	40.01	10.1	< 0.1	41				
and the second second	75, X		fragmonts	2		"			20				· · I	0.61: C.32	C.42		1	Í	1						
			brecointed biotite porphyry biotite phenocryst : 3 cm				1		30	)		,	- 1	C.22		1	20.01	40.01	7.2	20.1	41				
	21.2	4-	500 lapilli tuff with pyrite ore fragments			┨╴┨	-Y-	╞╌┟╴	31	1		1	2.0	C <b>.</b> 27	¢.17	1		ł		15	1		1.		
		• # • •	abundant	kap alu	ж. Р. – Ул		}	C.e	32	1.	0 2			0.15 0.47						<0.1 <0.1		1			
		ю н.	∠70° chaleocite veinlt, width : 2 mm					Ş ا	34	86,	.0			1.84	1.67								10 <u>1</u> 3		
	90,0	Δ.	pyrite ore fragments bearing bruceintion	$ \rangle$	音)。 段	<u>    </u>	Δ_	6	35 56		0 2		2.0 2.0	C.42 4.04	C.44		0.02	0.00							
. 1		A	with chalcocite and energite aburdant lapilli tuff with pyrite ore fragments			0T	٦Į-	ŢŢ	37		-		1	1.25		1	K0.01	0.05	14.2	1	10	ļ			
			pale gray colored biotito porphyry						38	1	1			0, 22	0.12		1								
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, {	11.7	4	brocalation with pyrite ore frequents	T١	7	11	$\pi$	-¥-	- 46 47	•	ļ	,	J	2.15 0.54	C.65 C.40	)	(0.m	(0.01	3.7	(0.1	41	}	ri -		
			1			<b>≬  </b>	V		48	1124.	0 2	••	2.0	0.90	C. 33	0.02					5		ł		
· ·	17.1	<b>-</b>	-50° absared	Yaq Sor					5C9 510	1				0.15 0.15	0,08 0,18		]			}	1 .				
	120.0	<u>^</u>	600 pyrite-quartz veinlet with chalcocite					<u>                                      </u>	511	1				0.63	0,53		]			ļ	]	]	ļ		
, <b>.</b>	z.,	<u>^</u>	biotite porphyry	114					512				2.0 [	0+25	0,24	1		,			1				LEGEND .
		 -•	sheared lapilli turr	[[ <sup>]</sup>			ĺ	[].	513 514	1 7			2.0 2.0	C. 34 C. 29	0,33	1	Kc.01	<0,01	4.0	×0.1	1	[	Í		Mudstone
	2011 130.0	a .			<b> </b>				515	128,	0 2		1.7	c*50	0,16	1	1		1		1	1	1		Sandstone
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	• ,	$\left  \right\rangle$	feldspar : 5 m	n1u		Υl	ł		518	134.	0 2	- F	2.0	0.05		1.	K0.01	(c.01	5.1	< 0.1	1	1	ł		Tutf, Lopilli tuff, Tutf breccia,
e e e		<u> </u>	(f) <sup>0</sup> pyrite voinlet, width 3 mm						519	1	1			0,10	0,09				{		ľ		ł		Rhyolite hornblende — bictite porphyry
	1400		270° bematite along fracture	Ľ		$\downarrow$	Ľ	hom	520 521				2.0 2.0	0.05 ±r,	0.03				1	}			}		Porphyry blotite porphyry quartz - biotite porphyry
· _		<u>^</u>	O <sup>o</sup> pyrito veinlet	<u></u>		() T			522	142,				0,15	0,17	1		1		1		1	ļ	<u> </u>	Brecciation
, ·		<u>^</u>	fine grained tuff		1			hen	523	l I			- 1			0.02	\$0.01	(c.01	3.9	<0.1	4		ļ	∠_30	inclination of plane structures.
·	•	॑	biotite perphyny biotite : 3-4 pr						524 525			1		1	0.07	]			.				ļ		L badding plane, intrusive boundary, etc.)
J J	150 0 10, 4	Â	feldopers 7 mi	┤┛	$\frac{1}{1}$	나		┝╌┝╌	526	1	1	í	) I	[		1.	Kp.01	(0.01	5.9	K0.1	4		ļ		
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			lapilli tuff with pyrite ore fragments abundant 200° chalcocito veinit, width': 2 mm	1			¢	32 33 34	62.0 84.0 86.0	2.0	2.0	0.15 0.47 1.84	0.10 0.53 1.82	0.02		(0.01 0.01	4.5	(0.1 (0.1			
	90.0	4 / A	pyrite ore fragments bearing bruccintion with chalcosite and emargite abundant lapilli turr with pyrite ore fragments					35 - 36 - 37	90.0	2.0	2.0	4.04	2.47		0.02 (0.01		14.2 16.8	0.1 <0,1	10 2		
			pale gray colored biotite porphyry blotite i 3 mm (relict) feldspar, i 6 mm					38 39 40	96.0 98.0	2.0	2.0	0.22	0,12 0,13		<b>(0.0</b> 1	<0.01			5		
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		<b>4</b> • •	brecclation with pyrite ore fragments	and the second				47 48 509	112.0 114.0 116.0	2.0 2.0 2.0	2.0	0.54 0.90 0.15	0.33	0.01 C.02	(0101 0.01	(0.C1 0.02		(0.1 0.1	<1 5		
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in an	140 0		200° pyrito voiniot, width 3 mm 270° hemaiite along fracture	alu	Carlo and		hou	518 519 520	136.0 138.0	2.0	2.0	0.05	0,09 0,03	6.01	K0.01	(0.01	5,1	<0,1	12	EL Rhyolite	hornble blotite quartz
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4.9	1 <u>90.0</u>		fine grained tuff biotite porphyry biotite : 3-4 mm feldoparr 7 mm					524 525 526	146.0 148.0 150.4	2.0	2.0	0.05	0.07	(0.0)		(0.01	١.			( beda	
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Lopilli tuff. Tuff breccio,

hornblende – biotite porphyry blotlte porphyry quartz – biotite porphyry

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ding plane, intrusive boundary, etc.)

# OF ALTERATION AND MINERALIZATION

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ř	silicification	pyrifization	mineralization
12	50; < 55,%	FeSe) < 11, %	Cu V ⊂ 0.2(%)
	55 ~ 65 %	1~5 %	0.3 ~ 05 %
+ + 		5~10 %	0.6~09 %
	> 80 %	> 10 %	> 1 %

part of feldspar phenocrysts changed into clay minerals. almost all the feldspar phenocrysts changed into clay minerals not only feldspar phenocrysts but groundmass changed into Clay minerals ( by field observation )

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	X fresh : unaltered weak : part of fe into clay medium almost changed strong : not only	eldspar phenocrysti y minerats oll the fe into clay feldspar phenoci changed into (by fiel FLONS ion atton ion atton tion tion rite e

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65 <b>%</b>	1~5%	
BO %	5~10 %	0.6~09 %
0 %	> 10 %	>   %

#### par phenocrysts changed minerals the feldspor phenocrysts

	ine	reidspor	pn	enocrysis	
	clay	miner	als		
par	pher	ocrysts	but	ground-	
e d	into	c iay	mi	nerals	

(by field observation )

Nigith:	adr.				Alterat	ion, N	linerali	tailon *	<u> </u>		R	e public	ef	Chem		Andlysis	<u>i () ()</u>				新永 4 (数)		RITALS
(m.)	Cotumnar Section	۰.	fartículors	Sere Sere	<b>李</b> 夏:	i.	PY.	E¥.	Sampl N a.		Core Longth	Sample Longth	BURMA T-Cu <sup>%</sup>	T-Ce		Zn %	A8 %	s %	AU 94				<b>*</b>
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6.1	n 8	290	limonite fizzure.width : 4-20 mm																				( PHASE
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2,1	~ 4	i	breccia-porphyry oxidized limonito rich zone																			· .	Total Length 151.1 m
.4• (		40.	chalcocite vein	1		ΥI	[		49	24.5	2.0	1.7	0.59	0.40					1				Location_Sabedaung
<u>0.0</u>	•		roc: fragents: 4-40 ma						- 50	28,5	2.0	1.8	0.87	0.60	0.23	< 0.01	20.01	3.2	ζ <b>0,1</b>	41	1.10		Direction O
		<b>\</b>	finsure with limonite						- 51 52	32.5		2.0	1.15	1.06	0.25						and the		Date_of_Loggingfrom 3
		1			Ž.				53	34.5	2.0	1	C.47	0.47 0.35	0.26	< c.01	20.01	4,2	< 0.1	ζ1			
	() • •	_x	quartz vein, width : 2 mm pyrite fraguent : 3-4 mm						54 55	36.5	1	2.0	0.59	C.59			(0101						Logged by S. MONC
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	["	<u> </u>	lizonite godasn						57 58	42.5	ł	2.0	0.47	0.39 C.88		L 0.01	0,01		-, 091	$\left  \right\rangle$	2		
	и И	-10°	-		<u> </u>				59	1		1.2	b.59	0,47				<b>6.</b> 9	(	<1	- () - :		METAL MINING AGENCY
50.0		<b>~</b> 65°	pyrito fragments : 5 m		- -	$\downarrow$	_ -	┼╢	- 60 - 61	ł		2.0	0.96 0.98	0.77 0.40		く 0, 01 く 0, 01	ζ0.01 ζ0.01			< 1	A tree		OVERSEAS TECHNICAL COO GOVERNMENT OF JAPAN
		∠30°	quartz vain, width : 1 cm chalcocite-pyrite voin, width 6 mm				ļ		62	52.5	2.0	2.0	0.76	e.43	40.42	<0 m	<0.01	11.0	20.1	1	2 2 2		SEPTEMBER
		280"	chalcocite-pyrite voint, width : 10 chalcocite-pyrite vointots, width : 10 chalcocita-pyrite-quartz voin, width ;	ien Ini		Ϋ́			63	1	ì	2.0	5.54 C.74	4.06	1 ·		( J, JI						Prepared by MiTSUI KINZOKU EN
60.0	.n •	{	· · ·		λ.	1			65		L	2.0	C.54	10.50			(0 M	4.7	201	1	14 14 14		
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54.9	- 11	-			[ ]	i			6e	1		2.0	0,62	0,56	1						1.5		
	<b>[</b> • 1	1	silicified ore bearing					İ	09			2.0	0.67	0.93	1	¢ 0.01	<b>40.01</b>	6.4	< 0.1	1	k wear		
700	11 1 • 1	·				$\left  \right $		┽╢	- 71				1,63		i	1	<b>&lt;0.01</b>	9.6	<0.1	ł			
74.3	<u>.</u>	275	pyrite chalcocite vein, width 2 mm				<u>.</u>		72		1		C.54	1.1.1		< C.01	<0.01	4.7	< 0.1	< 1 20 million	a	(	
•	<u> </u>	210	pyrite chalcocite vein, with 5 mm			X			74	76.5	2.1	2.0	1.76		1						漢馨	:	
80.0					]"] 	$\ $		111	- 79				0.57		•	1	<0.01 <0.01	4.6 6.3	< C.1	 < 1 < 1 < 1        			
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			chalcocite veln, width 1 mm pyrite-chalcocite vein (abund.at),			11			71				0.79 2.05			ις c.o.	L ( 0.01	7.4		$\left[ \right]$		-	
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	<u>ہ</u>	-1	nargine ! quartz phonocryst 2mm marg						8				1.43	1		6.00	1 <0.02	0.5	K 0.1	61			
97.0	<u> </u>	4	chalcocite wein, width : 2 mm			i			8				0,12										
100.0		20'				┢	┝─╢╴	┼╌╢	- 86		í	2.0	0,12			< 0.01	(c.01	0.7	(0.1 0.1	<1 25			
	^^ ^ ^	1	feldspar phonocryst : 5-7 ms	ļ		Y	ĮŲ		81 65	1	2.0	0 2.0	C. 79 0.62	1				<b>1</b>					
	A .		biotito phonocryst : 2-3 mm (relict)			ļ			5. 5		1		0.32				1/0 01	1.7	< 0.1	6			
109.		_	· · ·			 	└- -	╧	99 	1			0.47 0.72				L ∠G.01 L 0.01	2.5	< 0.1				
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	<b>ب</b> ا	•	quartz phenoeryst: 3mm (ran						9			0 2.0					1 <0.01	1.8	<b>Հ0.1</b>				
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*244		2	feldspar phenocryst : 4-7 == biotic (relict) clay sheared zong			ŀ			9	8 124.9	5 2.	0 2.0	C.45	0.7	2								Mudstone
	ii Ii	-	<b>-</b>		Y	Å.			9	9 126.9 D 128.9	1	0 2.0	ł		1	2 0.0	1 <0.01	5.2	< 0.1			l.	Sandstone
150.0		<u>}_@</u>	pyrite-chalcocite vein, width : 1 cm				┝╟	- <del> -</del>	10	1 130.9	; 2.	0 2.0	C.12	2 0.1	5 0.04		1 (0.01		<0.1			2 -	Tuff Lapilli tuff To
	•	"							10 52	1		0 2.0		l	1	0.0	1<0.91	e.7	< 0.1				
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1781		<u>.</u>			1		$\ $		- 57 - 53			0 2.0	4		1					1.			Porphyry blotite porphy quartz - biotit
	Ľ		chalcocite-pyrite vein, width : 20 c			ĥ	∥		53	1 142.4	5 2.	0 2.0	0,10	0.0	9 0.0	5 <0.0	1 <0.01	7.2	< 0, 1	<1			
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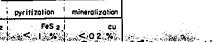
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D MINERALIZATION



	80.0	<u>`</u> ^ ^ <u>\</u>	∠10° ≤45°	pyrite chalcocite voin, with 5 m chalcocite net work in 5cm width	1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 -		$\langle  $			74 75	76.5 78.5	2.0	9 M. L. 1	1.76 0.57	0.47 C.56	11. C. 1	< 0.01	2 - C. S. C. F.	4.6	< C.1.	5	<b>And</b>	E-Fail of Charles		
			∠20*	pyrite-cholcocite voin, width 5						76 77	60.5 62.5	2.0	2.0	1.09 0.94	0.96 0.76		< 0.01			< 0,1					
		<u> </u>	∠10° ∠50°	chalconite vein, width 1 ma pyrite-chalconite vein (abundant	<b>)</b> ,					70 79	84.5 86.5		2.0 2.0	0.79	C.60 1.92	0,11	< c.01	< 0.01	7.4	< 0.1	<b>८</b> ३ े	Ser.			
		^ ^ 		vidth	5 mm 	i I				80 81	88,5 90.5		2.0 2.0	0.99 0.40	0.87 C.25	0.07	< 0.01	<u> 20.01</u>	5.2	< 0.1	ζ1.		a nangang sa		
	90.7	^ ``	260	chillod A			Ĭ.	1	1	82	92.5	2.0	2.0	0.77	0.70 0.54				•••			$\mathcal{O}_{\mathcal{O}}$	1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No. 1. No.		
	97.C	<u>^</u>	]	quarts phonocryst 2mm rure chalcoolte wein, width : 2 mm						83 64	94.5 96.5	2.0	2.0 2.0	1.43 0.12	0.03	0,01	< 0.01	<0.01	0.5	< 0,1	<b>ن</b> ا		1. Jan 10 1		
	100.0	^	220"		10 74 74		+			85 86	98.5 100.5		2.0 2.0	0.62	0.15	0.04	< 0.01	<0.01	0.7	< 0.1	ر 1		and a state of the		
		▲ ^ _	1.	feldspar phenocryst : 5-7 mm			¥			87 88	102.5 104.5			0.79 0.62	0.76		< 0.01		ú.3	0,1	25				
		<b>A</b>	1	biotito phonocryst : 2-3 mm (re	alict)	$\mathbf{k}$				់ស្វ	106.5	2.0	2.0	0.32	0.33	6.11	( 0.01	/0 m	3.7	< 0.1			*		
	109.0 110.0	<u>^</u>								90 91	108.5 110.5	2.0	2.0 2.0	0.47	0.50		< 0.01 < 0.01	1		< 0.1		1997) 1997 1997 - 1997			
		^ - ^		biotite-suartz-porphyry foldapar phenocryst :	5-7 🚥	4			ľ	92 93	112,5 114,5	2.0 2.0		0,12 0,32	C.03	0.13	< 0.01	<0.01	1.8	٢٥.1	ζ1.				
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	120.0		260			Y	-)	-( -		· 96	120.5	z.0	2.0	c.21	0.27	c.07	c e. oi	<b>&lt;0.01</b>	10.6	٢0,1	۲>	•	• •		LEGEND
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		ά #	4			Y				99 100	126.5 128.5	2.0 2.0		0.97 C.84	1.32 0.82	0,22	<0.01	<0.01	5.2	< 0.1	<1				Mudstone
	130.0		<u>60</u> "	pyrite-chalcocite vein, width :	1 000	2	-  - -	-  -	-Y	101 102	130.5 132.5	2.0 2.0		C.12 0.17	0.15 0.06		< 0.01 < 0.01			<0.1 <0.1					Tuff, Lapilli tuff, Tuff brecc
				pyrito fragmenta: 3 mm						527	134.5	2.0	2.0	tr.	0.02						<b>.</b>				Rhyalite
	1285						Ϋ́́			528. 529	138.5 138.5	5°0 5°0		0.05 0.15	0.02									$\land$	Parphyry blatite porphyry quartz — blatite porphyry
	140.0	, I	 "	chalcocite-pyrite vein, width :	20 cm		<b>1</b>	╢┤		530 531	140.5 142.5	7.0 2.0		C.15 0.10	0.09 0.09	0.03	<b>40.01</b>	<b>40.0</b> 1	7.2	< 0.1	۲ גı		:		Brecciption
		* •	270	chalcocite voin, width : 3 mm						532	144.5	2.0 2.0	2.0	0.74	c.75					ł			5 1 - 2	<u>∕</u> 30	Inclination of plane structures.
	150.0	•	•	pyrite-quarts fragments						533 534	146.5 140.5	2.0		0.25 0.20	0.03	0.03	٥.01	<0.M	12.5	< 0, 1	<1		- 94 - 199		( bedding plane, intrusive b
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porphyry

· • boundary, etc.)

## MINERALIZATION

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I~5%	0.3~05 %	
5~10 %	06~09%	
> 10 %	> 1 %	

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the faidspor phenocrysts clay minerals it enocrysts but also groundinto ciay minerats . ( by field observation )

160	<u>ہ[</u>		·												SiO 2 fresh 1 < 55 % <	FeS 2 :
	 	-												1	weak 55 ~ 65 % 1	
170	<u>_</u>				<u> </u>										medium 65 ~ 80 %   5	~ 10 %
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IBO								·							fresh : unaitered weak : parts of feldspor	phenocrys
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field observation)

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	biotic-feldspar-porphyry quartz is not observed		: :,,	•							5					ľ		MONYWA AREA. UNION OF BURMA	
	dmarts to not observed	1993 - 1994 1995 - 1994 1997 -																(PHASE I)	
	a little quarts				-		,				1	-			1				
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30.0 ^	oxidized zone																	Location_SabedaungElevation_120.4	
32.5						32.5												Direction 0 Inclination - 90 °	
- ^	light gray biotite-feldspar-porphyry biotite phenocryst : 1-4 mm feldspar phenocryst: 3-5 mm				103 104		2.0 2,0		0.62 1.21						1			Date_of_Loggingfrom 7.12.73' to 9.12.73'	-
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	pyrite-childelte voin, width I ch				112	52.5	2.0	5*0	0.32	0.22								GOVERNMENT OF JAPAN	
	pyrite-quartz vein, width 3 mc	•			115		2.0			C.35 C.29	e.07	(0.01 KC	.01	0.8 <b>(</b> 0	.1 K	1		SEPTEMBER 1974	
600 A A 40°	pyrite-chalcocito vein	-			115	58.5 60.5		2.0 2.0	1.43 1.51		0.15	(0.01 KC	.01	5.8 KO	.1 K	1		Proposed by MITSUI KINZOKU ENGINEERING SERVICE CO. LTD	
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<u>^</u>	biotite phenocryst : 3-4 mm quarts phenocryst : 1 mm				119	66.5	2.0	2.0	1.09	1.07									
700		+		<u> </u>	120		2.0 7.0		1.29 0.79			(0.01 (0 (0.01 (0				1			
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	chalcocite-pyrite veinlet disseminatio				124	76.5		5°0	C.84	0 <b>.</b> 4B						-			
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	·	Xad ber	•	'	138	104.5	2.0	2.0	1.05		0,15	< c. 01 <	<b>.</b>	4.7 <0	.1 <	1			
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	pyrite-chalcocite voin, width 15 mm				143	114.5	I I	2.0	0.47	0.48									
45*	pyrite-chalcocite vein, width 15 cm			Ĭ		1	i I		I I	C.86 C.42 D.32 O.38	54 J?	(0.01 <	/•01	v. 2   ( C	••				
^	pyrite-chalcocite vein, width 20 mm		$\parallel \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid$	$ \downarrow\rangle$	536	120,5	1.0			0.38								LEGEND	
	pyrito-chalcocite vein, width 10 mm				558	124.5	2.0	2.0	0.54	0.58 C.54	C. 10	( c.01 ((	0.01	7.5 <0	<	1		Mudstone	
[]~~~[]	sheared perphyry			\$	540	128.5	2.0	2.0	0.29	0, 94								] Sandstone	
130.0 ~ ~ ^ ^ - ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	•						2.0 2.0			0.57							H it C	Tuff, Lapilli tuff, Tuff breccia,	
		: V.			543	134.5		2.0	0.20		<0.01	< 0.01 <(	0.01	4.9 4	<	(1	<u> </u>		
140.0					545	138.5	2.0	2.0	0.86	0,21						,		quartz – biofile porphyry	
2∞*	pyrite vein, width 10-20 mm			ŢĮ	547	142.5	2,0 2,0	2.0	0.54	0.61 C.74							4 4	-	
		4							0.93		<0.03	0,01 (	0.01	5.0 KG		1	<u></u>	·	
150.0							2.0		0.10									(bedding plane, intrusive boundary,etc)	

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	140.0	ĥ,			Í.						1.00						544 545	136.5 138.5	5 2.0	2.	.0	0.25 0.88	0.08							,			ĺ	^^	Porph		hornblende — biotíte porp quartz — biot	biotite hyry tite porp	porphyry bhyry
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#### ON AND MINERALIZATION

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5~10 %	06~09 %	
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55 ~ 65 %	I~5%	0.3~05 %
65 ~ 80 %	5~10 %	06~09%
> 80 %	> 10 %	> 1 %

#### lered

of feldspar phenocrysts changed clay minerals. all the feldspar phenocrysts

ed into clay minerals nly feldspar phenocrysts but also ground+ changed into clay minerals •

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[]-	60° pyrite-chalcocite vein, width : 3 cm						194	45.5		2.0	0.71	0.57		4		4.0		2.		METAL MINING AGENCY
	so <sup>p</sup> chalcocite void, width 5 m.						155 156	47.5 29.5		2.0 2.0	2.52	1	0.21	×0.01	<0,J1	۲.5	<b>\$1.1</b>	<b>N</b> I		OVERSEAS TECHNICAL COOPERATION AGENCY
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• "	-7-0 quartz-pyrite-chalconite vein, width: 2c	ti i		.			154	5545		2.0			C.20	KC.01	Kc.31	9 <b>, 2</b>	<b>ζ0,1</b>	3		SEPTEMBER 1974
• "	500° pyrite-chalcocite vein, width : 1 em						154 160	55.5 57.5		2.0	2.62	÷								Prepared by MATSUI KINZOKU ENGINEERING SERVICE CO. LTD
00 0 "	ico <sup>n</sup> pyrito-chalacette vein						161	59.5		2.0	2.10	2.28	0.23	<0. 1	< c. 01					
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»	coarae grained acidic toff	IJ		Ĭ I			176	69.5		2.0	0.27			kc.01	<c.01< td=""><td>€.7</td><td>¢ 0.1</td><td>&lt;1</td><td></td><td></td></c.01<>	€.7	¢ 0.1	<1		
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structures,

intrusive boundary, etc.)

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#### ION AND MINERALIZATION

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SiO <sub>2</sub> 5.5 %	FeS₂ ≦⊂<   % {	Cu < 0.2 %	
~ 65 %	1~5%	03~05%	•
- 80 %	5~10 %	06~09%	
80 %	> 10 %	>   %	,

eldspar phenocrysts changed minerals

all the feldspar phenocrysts into clay minerals. dspar phenocrysts but also groundnanged into clay minerals.

( by field observation )

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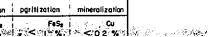
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feldspor phenocrysts ay minerals nocrysts but also groundnto clay minerals.

by field observation )

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•		∠0° pyrite- chalcocite vein, width 4 cm				Λì	199		ł	1		.17							a la la la la la la la la la la la la la		_			-				
	A ^				ΓY-	111	200	1			.78 C.		.15 ( 0	).01 <	C. 01	5.1	ζ¢.1	<b>&lt;</b> 1			Dite	tion (	0			Inclina <u>ti</u> ĝ	<u>90° – 90°</u>	
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		∠70° pyrite-chalcosite vein, width 2 cm		<i>x</i> .		1 1	203				1		•33 ka		0.01	16.9	< 0 <b>.</b> 1	<1			Log	ed by	S . M	ONONOE	ЭЕ			
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		20° pyrite-chalcocite voin, width 1 cm		ΙT	ΓΥŢ			141 4	2.0   1 2.0   1		2.33 C		0+12 K	0.01 (	0.01	11.0	< 0.1	1<1		4 1		ciaton .	•					
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٠	7.0	<u>ا</u>	20°	pyrite-che	alcocite vo	oin, vidt	h 8 cu		Ŷ				228	85 07	2.0	2.0	1.47	1.67 1.20	. 0, 15	(0.01)	ζc.01	3.6	ζ ε.1	<b>~ 1</b>					
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	100.0		200	pyrite ch	alcocite v	ein widt	h2 ca						234	99	2.0	2.0	1,30	1,21							di.				
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		^ ^		•••					2 20			Q.	242	115	2.0	2.0	1.49	1.47	0.14	<b>40.01</b>	<b>&lt;0.</b> 01	10.2	<b>&lt; 0.1</b>	< 1		5.6 2			
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		^^							ľ	-			253	137	2.0	2.0	0.31	C.24									_	<u></u> Rhyoli 스스 Porph	hornblende – biot
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		• 11 11			ine grainod	i tuff wi	th quar	tz		2			565	145 147	5*0 5*0	2.0 2.0	0.11 0.07	0.16 -0.16	0.05	(0.01	<0.01	6+3	<b>&lt; 0,</b> 1	(1					edding plane, intri
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phenocrysts changed minerals feldspar phenocrysts clay minerals phenocrysts but also groundged into clay minerals

( by field observation )

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- 100         . with 1 2 m	-	<b>C</b>	2012	pyrite-chalcocite vein net work,			<b> </b> ≁.	;			1	1 1	1				ŀ •	+		···· «		5.2% 7.2%	2 ÷.	Sec
- the <sup>0</sup> grite-ablacets vein, with 3 to m       209       65,5       2,0       1,00       1,50       2,6       2,6       2,6         t       Notice phenosynes (realist) 3m       291       65,5       2,0       2,0       1,00       1,00       2,5       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00       2,00<	ł	<u>۔</u>	20°	, width 12 mm	1	ן ן						1					1					17		
u       foldspar phenocryst 1 >4 m       1 >4 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m       1 >5 m <t< td=""><td>Ť</td><td></td><td>100</td><td>pyrite-chalcocite vein, width 3 mm</td><td>┤┤</td><td></td><td>╟┤╧</td><td><math>\uparrow \uparrow</math></td><td><math>\uparrow \forall</math></td><td></td><td>[</td><td>1</td><td></td><td></td><td></td><td></td><td>&lt; c.o</td><td>n &lt; 0.01</td><td>5.2</td><td></td><td></td><td></td><td></td><td></td></t<>	Ť		100	pyrite-chalcocite vein, width 3 mm	┤┤		╟┤╧	$\uparrow \uparrow$	$\uparrow \forall$		[	1					< c.o	n < 0.01	5.2					
L       bioitis phenocryst (relict) 32       Q       22. 6/5.5       7.0       2.0       0.0       1.02         L       pale gray othered       2.0       2.0       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       0.5       <	ļ	<u>ь</u> Б							Ĭ								< 0.0	< c. 01	2.6					
0       1       gale gray colored silicifies rhysite       1       99       905       20       20       0.40       0.77       0.89       0.07       0.02       0.02       2.2         1       1       gants phenoryst i 3-2 as tochalcecite ere disestination       275       90,5       2.0       0.40       0.51       0.06       0.01       0.06       0.01       0.06       0.01       0.06       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.07       0.06       0.01       0.06       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01 <t< td=""><td>╞</td><td>L .</td><td></td><td>biotite phenocryst (relict) 3</td><td>=  </td><td></td><td></td><td></td><td>19</td><td>291</td><td>66.5</td><td>5*0</td><td>2.0</td><td>0,81</td><td>1.02</td><td></td><td></td><td></td><td> </td><td></td><td></td><td></td><td></td><td></td></t<>	╞	L .		biotite phenocryst (relict) 3	=				19	291	66.5	5*0	2.0	0,81	1.02									
L _ gaits grave solares alliafied regults phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m M hotstice feating i 3-4 m P _ guarts phemocryst i 3-2 m L _ guarts phemocryst i 3-2 m M hotstice resting i 3-4 m P _ guarts phemocryst i mre L _ gravits phemocryst i mre M hotstice feating phemocryst i mre M hotstice feating phemocryst i mre M hotstice feating phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre M hotstice phemocryst i mre	0	. L	<u> </u>													0.07	60.0	1 < 0.01	3.2		ļ			
L alticified typelite L addicative ore discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussions in 5-2 m chalcecite are discussi	Ţ	<u>۔</u>		pale gray colored		ſ	$\ $	1 T	1T					1				1		1				
L       chalcosite ore discession:       277       gu, 5       7,0       2,0       0,61       0,17       0,08       0,00       0,00       0,01       7,5         L       290°       pyrite voln with chalcosite coarting:       1-2 m       991       10,5       2,0       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,00       0,01       3,5       0,06       0,01       3,5       0,06       0,01       2,0       0,01       1,05       2,0       0,01       1,05       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01       0,01	}	ะ	1							295	94.5	2.0	2.0	0.37	C. 38			1					1	-
0       1       220       100,5       7,0       2,0       0,27       0,55       0,08       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,07       0,0	ľ	. L	1								1		6		i		a < 0.0	u < 0.01	<b>).</b> 6		1			
L 20 pyrite val. # the maintened value L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20 min and L 20	.0	L		•	_		╢	┢┥┝	++							1	< 0.0	0.01	3.5					
L-2 im biotite-feldspar parybyry raldspar (srg:litscean) : 5 == 10° 10°, 10°, 5 2, 0 2, 0 1, 10°, 5 2, 0 2, 0 0, 27 0, 20 0, 04 < 0, 00 < 0, 01 < 0, 03 0, 06 < 0, 00 < 0, 01 < 0, 03 0, 06 < 0, 00 < 0, 01 < 0, 03 0, 06 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00 < 0, 00	ł								\							1	r < c.o	n < 0. 01	2.7				ļ	
1       Distitute (realing) at party party party         0       -       100.5       2.0       2.0       0.22       0.33       0.06       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00	ŀ		1						Y				1			[							1	
2       →       biotite (relict)       1 4 pm       309 110.5 2.0 2.0 0.77 0.20 0.04        0.04        C.01        3.0         100       white gray colored       300 110.5 2.0 2.0 0.05        0.77 0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44       0.44	ŀ	<u>د ،</u>	-		=  /		U.				1	1	2.0	0,42	0.33	0.0								
A = 50°       chilecture-pyrite vein, width 10 mm       200       305       114.5       2.0       0.05       0.37       0.06       <0.01	ų	~			╗┼╴╢		1		<b>┼╌</b> ┠─								< 0.0	o1 <c∙07< td=""><td>3.0</td><td></td><td></td><td>Í</td><td></td><td></td></c∙07<>	3.0			Í		
<ul> <li></li></ul>		~~	<10° < 90°													1	< c. 0	0.01	2,2	1				
10       200       pyrito vein with chalesolite, with : 7rm       300       120,5       2.0       0.17       0.12       0.02       0.01       0.01       0.07       0.12       0.02       0.01       0.01       0.07       0.12       0.02       0.01       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.07       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.0	ł		-10°		11	Ħ.				306	116.5	2.0	5*0	C.27	0.15		ľ							
1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1		<u>^</u>	1	f			1_	$\square$									2 ~ ~ ~	n < 0. 01	0.9		ļ			
L       austry phenocryst : rure       310       124.5       2.0       0.37       0.42       0.05       0.01       4.2         L       c00°       chalocoite       311       126.5       2.0       0.27       0.17       0.05       0.01       4.2         A       biotite feldapar porphyry       569       130.5       1.0       1.0       0.02       0.17       0.05       0.01       0.01       0.01       0.05       0.01       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.05       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01<	•5	L	500		≖  <sup>-</sup> (	YI -	Λ	1 [		-	1		ł			1		1.001					Ĺ	LEGEND
10       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       110       11		. ເ ເ	1											C. 37	1					1				Mudetope
^       biotite feldapar porphyry         ^       biotite feldapar (reliat) i 5-7 mm         ^       feldspar (plaglocinco) phenocryst:10mm         feldspar (plaglocinco) phenocryst:10mm       foldspar (plaglocinco) phenocryst:10mm         feldspar (plaglocinco) phenocryst:10mm       foldspar (plaglocinco) phenocryst:10mm         feldspar (plaglocinco) phenocryst:10mm       form         form       form	l	<u>^</u>	-< 60°	chalcocite	:		V									1		m <0.01	4.2					
^       biotite feldapar porphyry       569       132.5       2.0       tr.       0.06         ^       biotite feldapar (plagioclaco) phenocryst:10mr       570       134.5       2.0       2.0       tr.       0.06         ^       foldspar (plagioclaco) phenocryst:10mr       571       136.5       2.0       2.0       tr.       0.025       0.14         ^       foldspar (plagioclaco) phenocryst:10mr       572       136.5       2.0       2.0       tr.       0.025       0.14         ^       foldspar (plagioclaco) phenocryst:10mr       573       140.5       2.0       2.0       tr.       0.025       0.14         ^       572       136.5       2.0       2.0       tr.       0.025       0.14       0.01       1.1       (0.1 < 1)	0	~~~~			- -/	4	╋	┼─┼╴	╇╋	- 313 560	129. 130.	1.0	1.0	C.07 C.02	0.12	<c.01< td=""><td>4</td><td></td><td> </td><td></td><td></td><td></td><td>:</td><td></td></c.01<>	4						:	
^       foldspar (plagloclaco) phenocryst:10mr       571 136.5 2.0 2.0 0.25 0.14       571 136.5 2.0 2.0 0.25 0.14         pyrite-chalcocite vein, width 10 mn       572 128.5 2.0 2.0 0.05 0.05       0.05 0.05       0.05 0.05         ^< 600 10° chalcocite vein, width 2 mn		<u>^</u> .	1								132.5	2.0	2.0	tr.		1					1			
20       pyrite-chalcocite vein, width 10 ma       572       120,5       2,0       0,0       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1)       1,1       (0,1) <td></td> <td>^</td> <td>1</td> <td></td> <td>1 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>i.</td> <td>hornbleps</td>		^	1		1 1						1	1				1					1		i.	hornbleps
A       ≥00°       10°       chlcocito vein, width 1 mm       573       140.5       2.0       2.0       0.05       0.05         A       ≥00°       10°       574       142.5       2.0       2.0       0.05       0.05         A       = 350       pyrite vein with chalcocito, width 2 mm       575       144.5       2.0       2.0       0.05       0.05         A       = 350°       pyrite-chalcocito veinlet       576       146.5       2.0       2.0       0.25       0.13         A       = 30°       = 577       148.5       2.0       2.0       0.65       0.03         A       = 30°       = 577       148.5       2.0       2.0       0.25       0.13         A       = 30°       = 577       148.5       2.0       2.0       0.65       0.03       (0.01         A       = 30°       = 577       148.5       2.0       2.0       0.65       0.03       (0.01         A       = 30°       = 578       190.5       2.0       2.0       0.05       0.07       (0.01         A       = 30°       = 578       190.5       2.0       2.0       0.05       0.07       (0.01       (0.02		<u></u> ^	- ·					ļį			1		1				< c.0	n o.ei	1.1	< 0.1	41		ľ	
<sup>0</sup> 950 pyrite valn with chalcodite, width 2 mm <sup>1</sup> 144.5 2.0 2.0 0.29 <sup>1</sup> 20 0.20 <sup>0</sup> 685 <sup>0</sup> pyrite-chalcodite veinlet <sup>1</sup> 576 144.5 2.0 2.0 0.25 <sup>0</sup> 0.20 <sup>1</sup> 20 0.20 <sup>0</sup> 685 <sup>0</sup> pyrite-chalcodite veinlet <sup>1</sup> 576 144.5 2.0 2.0 0.25 <sup>0</sup> 0.20 <sup>1</sup> 142.5 2.0 2.0 0.25 <sup>0</sup> 0.20 <sup>0</sup> 70 <sup>0</sup> pyrite vein, width i 2 mm <sup>1</sup> 577 148.5 2.0 2.0 0.65 <sup>0</sup> 0.05 <sup>0</sup> 0.05 <sup>0</sup> 0.05 <sup>1</sup> 6 bitom <sup>1</sup> 180.5 <sup>1</sup> 190.5 <sup>1</sup> 0.05 <sup>1</sup> 0.05 <sup>1</sup> 0.05	00	<u>^</u>	- 000	10° chilcocite vein, width 1 mm	- -	++-	ł		┼┼							1			1	.	[			
Cost pyrite-chalcolic veniot         S76         146.5         2.0         2.0         0.25         0.13         ( bedding plane)           10         A = 70°         pyrite vein, width : 2 mm         576         146.5         2.0         2.0         0.83         0.03         ( 0.01           14         Bottom         578         190.5         2.0         2.0         0.05         0.07         0.07			-850	pyrite vain with chalcocite, width 2 nm			ľ				1				1	1							[.	<u>∡</u> 30 Inclination of plan
20								$ \cdot $					1	1		1	1	1				1		(bedding plane,
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1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	silleified rhyplits       294       92:5       2:0       2:0       2:0       0:37         quarts phenocryst : 3-2 ms       2:0       2:0       0:0       0:00       0:00       0:00       0:00       0:00       0:00         chalcooite ore dimenination       2:0       0:0       2:0       0:0       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00       0:00
$ \frac{1}{12} = \frac{10^{2}}{12}  \frac{1}{12}  1$	chalcocite ore dimension     277     96,5     2.0     2.0     0.60     0.17     0.00     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01
<ul> <li></li></ul>	<pre>290° pyrite vein with chalcocite coarting</pre>
	biotile-foldspar porphyry       301       106,5       2.0       1.74       0.20         foldspar (agillaceoun): 5 mm       302       100,5       2.0       2.0       0.42       0.33       0.06       <0.01
Image: 1       Lettle (minit)       Lettle (minit) <thlettle (minit)<="" th="">       Lettle (min</thlettle>	bioitite (rolict)       :4 mm       303       110.5       2.0       2.0       0.27       0.20       0.04       <0.02
Image: And the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the approximation of the appro	white gray colored 210°       kac       305       114.5       2.0       0.56       0.37       0.02       <0.01
main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main       main	307         110,5         2.0         2.0         0.12         0.06           500°         pyrite vein with chalcocite, width ; 7mm         308         120,5         2.0         0.17         0.12         0.02         <0.01
LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LEGEND LE	silicified rhyolito 309 122.5 2.0 2.0 0.37 0.29
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A       Mattite foldancy popybyry       1       590       355       30       10       0.05       0.17         A       Mathing (high called) / phonosyn:100       771       354.5       0.0       0.25       0.17       0.00       1.1       0.01       1.1       0.01       1.1       Phonosyn:100       Phonosyn:100       771       154.5       0.0       0.25       0.17       Phonosyn:100	E00° the cont te 331 126.5 2.0 2.0 0.27 0.17 0.03 < 0.01 < 0.01 4.2
1       10 bit life findscorpt (value) 1, 57 m m       100 0.17         10 0 0.17       100 0.17       0.00 0.00       0.00         10 0 0.17       100 0.17       0.00 0.00       0.00         10 0 0.17       100 0.17       0.00 0.00       0.00       0.00         10 0 0.17       100 0.17       0.00       0.00       0.00       0.00         10 0 0.17       100 0.17       0.00       0.00       0.00       0.00       0.00         10 0 0 0.17       100 0.17       100 0.17       0.00       0.00       0.00       0.00         10 0 0 0.17       100 0.17       100 0.17       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00	
ugg ∧       prrish with 10 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish 0 m       prrish with 0 m       prrish with 0 m       prrish with 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       prrish 0 m       print m       prris	biotito bioaccurynt (rolict) : 5-7 mm. foldspar (plaglocland) phonocryst:10mm
→       →       →       →       →       →       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓       ↓	pyrite-chalcocite voin, width 10 ms
<sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>200</sub> <sup>1</sup> / <sub>20</sub>	205 10° dantedata vala, aleta 1 tal
Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold       Sold	quartz phonocryst : 1-2 mm       576       146.5       2.0       0.25       0.13         = 70°       pyrito voin, width : 2 mm       577       148.5       2.0       0.83       0.03       ().01
isoo       arglitzetion       pritization       mineralization         isoo       Sio, Pets       Cu         resh       <55 × 65 %, 1 × 5 %, 0.3 × 05 %	578 250.5 2.0 2.0 0.05 0.07
1000       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100       100	DEGREE OF ALTERATION AND MINERALIZATION
1700         1700         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800         1800 <t< td=""><td></td></t<>	
1000       medium       65 ~ 80 %       5 ~ 10 %       0.6 ~ 09 %         1000       strang       > 80 %       > 10 %       > 1 %         1000       weak       parts of feldspor phenocrysts changed into clay minerals.	에서 이상 것 이것 이것 이것 같은 것 같은 것 같은 것 같은 것 같은 것 같은
IBOO     Image: Strong interveloping into clay minerals	
IBOO     IBOO     Image: State of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	
weak parts of feldspar phenocrysts changed into clay minerals.	
medium: almost all the feldspar phenocrysts	
thanged into clay minerais.	
mass changed into clay minerals.	
2000 ABBREVIATIONS	
arg Argillization	
y : Pyritization	
kao. Kaolinitization ser. Sericitization	
2000 atu. Atunitization	alu. Atunitization
c.c.p. : Chalcopyrite c.c. Chalcocita	c.c.p. : Chalcopyrite
en Enargite	
2300 dis Dissemination v. Veintet	
• Width	Width
2400	

170.0 180.0 180.0 200.0 210.0 220.0		Madium 65 ~ 80 % 5 ~ 10 % 06 ~ 09 % strong > 80 % > 10 % > 1 % % fresh : unaltered weak : parts of 'feldspor phenocrysts changed into clay minerats. medium : all the feldspor phenocrysts changed into clay minerats. strong : not only feldspor phenocrysts but also gound- mass changed into clay minerats. (by field observation ) ABBREVIATIONS arg. Argillization stil. Stilcification py Pyritization kao :: Sericifization ch. Chlorditation cc. Chalcocite en :: Eargite
240.0	· · · · · · · · · · · · · · · · · · ·	dis Dissemination v, Veintet w Width
250.0		
260.0		
2600		
2900	,	
300 C		

• •

1

5~10 %	0.6~09 %
> 10 %	> 1 %

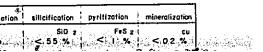
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	Π.		<u> </u>			 5.745				R	rsult .	of	Chem	lcol	Analysi	•		- •					國方茶料空命	
Cm	Colum na	ction .	Rotticulars	A P P	1 Plan		y, cu	Same		Core	Semple	BURMA	N 81 11	1.1.1.1	JAPAN			Au 94			* *			<u>PL 1-8-7</u>
	× ×		slugs biotite-feldspar porphyry with limonite gostan biotite phenodryst : 5 mm feldspar phenodryst : 8 mm				-	- <b>NO.</b>	201 <b>m</b> 2 4-	Length	Length	T-Cu	<u>T-Cu</u>	50+0	<u>Zn **</u>	A. %	<u>s</u> %:	<u>Au "/1</u>	<u>A0<sup>-2</sup>1</u>		n Berger Angelen anderen in der Sternen der Sternen der Sterne der Sterne der Sterne der Sterne der Sterne der	• •	· : :**	GEOLOGICAL SURVEY OF KNYWA AREA. UNION OF BURMA () ( PHASE II )
10.0		~	biotite relict 5 mm						  .														t C	ORE LOG and ASSAY
20,			275 <sup>0</sup> quarte volhlep.width : 1 cm						14. The state	ang é	. Sec.	<b>3</b> .000												DH No 7 (JS 7) Sheet 1
			CB00 hematite voinlet, width log		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			c.,	25				-											tal Length 151.0 m Core Recovery 98.0 cation Sabedoung Elevation 148.9 m
30			<ul> <li>\$290° pyrite chalcocite veinlet</li> <li>\$290° chalcocite-pyrite inpregnation</li> <li>\$290° pyrite-chalcocite vein, width 1 million</li> </ul>					) 314 319 316	29		2.0 2.0 2.0	1.40 0.66 0.66	1.11 0.52 0.48	0,13	<0.01	<0.01	6 <b>.</b> 0					·		ection 0 Inclination - 90°
			<ul> <li>pyrite-chalcootte vein, width 2 md</li> <li>pyrite-chalcootte vein with liconite to the stain chalcootte-pyrite dissumination and the stain chalcootte-pyrite dissumination and the stain chalcootte-pyrite dissumination and the stain chalcootte-pyrite dissumination and the stain chalcootte-pyrite dissumination and the stain chalcootte-pyrite dissumination and the stain chalcootte-pyrite dissumination and the stain chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcootte chalcoo</li></ul>					317 318 319	35	2.0	2.0 2.0	0.83 1.30 0.27	0.71 0.85 0.15	0,08	<0.01	<0.01	1.9						3	te_of_Loggingfrom 20:12:73' to_26:12:73' ggedbySMONONOBE
40,	<u>^</u> 7		230° pyrite-chalcocite vein, width 1 = 265° pyrite-chalcocite vein, width 3 and 000000000000000000000000000000000000		<u>   </u>			320 321 322	41	2.0	2.0 2.0 2.0	0.37 C.54 C.93	0.39 0.57 1.03	C. 13 C. 14	<0.01		9.1 5.8							
	- - -	~	e850 silicified rock voin, with 15 mm bietito phenocryst 5 mm feldspar phenocryst 10 mm pyrite-chalcocito voinlot, width 5 mm					323 324 329	47	2.0	2.0 2.0 2.0	1.84 0.76 1.57	1.90 0.69 1.53	0.52	<0.01	<0.01	9.9						META OVER:	L MINING AGENCY SEAS TECHNICAL COOPERATION AGENCY
		^	75° pyrite-chalcocite voin, width 4 mc pyrite-chalcocite izpresention	┼╌╿				320 327 328	51 53		2.0	2.53 1.10 1.67	2.38 1.04 1.58	0.36	<0.01	<0.01	e.7			• .			GOVER	RNMENT OF JAPAN SEPTEMBER 1974
<u>e</u>	- - -	^	∠30 <sup>0</sup> pyrite-chalcocite voin, width 6 mg					329	57 59	2.0	2.0 2.0 2.0	1.20 1.54 .0.06	0.83 1.23 0.77			<0.01					-		Prepared	by MITSUI KINZOKU ENGINEERING SERVICE CO. LTD
	Â		50° pyrite-chalcocite voin, width 4 mm					) 332 333	63 65	2.0 2.0	2.0 2.0	1.20 C.96	1.07 0.90				6.4				2.00			
70	<u>^</u>	-	-65° pyrite-chalcocite veinlet,-	-		<u>-</u>		535 535 536	69 71	5.0	2.0 2.0 2.0	0.51 C.61 C.61	0.44 0.58 0.52	0.11	<c.01< td=""><td>&lt;0.01 &lt;0.01</td><td>2.4 1.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></c.01<>	<0.01 <0.01	2.4 1.5							
			width 4 mm 	т Т				337 530 339	75	2.0 2.0	2.0 2.0 2.0	0.44 0.42 0.66	0.36 0.36 0.68	0.07	K0*01	<0.01	1.3	ы. т.				lija iz		
80			broccia $\rightarrow$ $(r_1, r_2, r_3)$ $= 90^{\circ} \times 30^{\circ}$ prite-chalcocite voinlet, width 4 mm					340 341 342	81 63	2.0 2.0 2.0	2.0 2.0 7.0	1.35 0.37 0.27	1.37 C.36 0.23	0.22 (.10	(0.01 (0.01	<0.01 <0.01	5•6 5•4							
90			pinky potaah feldspar <pre>&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;</pre>	ıt			$\left  \right $	343 344 345	87	2.0	4	0,29 0,32 0,71	0.27 0.37 0.63	0.09	K0.01	<0.01	4.2							
	الالالا	~	<756 * 6mm) <85 <sup>9</sup> 30 <sup>9</sup> Fyrite-chalcocite zein, width 10 mm	1	kab V		YI	346 341 346	93	2.0	2.0 2.0 2.0	1.72 1.89 0.69	1.64 1.91 0.68		<0.01	<0.01	14.7							
100	<u>^</u>		265° quarts woin with pyrite and chalcoolts, width 20mm 265° pyrite-chalcoolte voin, width 2 mm	┼╢	$\left  \right _{f}$			349 350 351	99	2.0	2.0 2.0 ?.0	0.37	0.33 1.05 0.96		1	<0.01 <0.01	2.1 4.8							
	<u>, 1                                   </u>		∠40° pyrite-chalcocite veis, width 5 mm ∠55° pyrite-chalcocite veis, width 1 mm					352 353 354	105	1	2.0 2.0 2.0	1,20 C,96 1,03	1.14 0.96 0.96	0,18	<0.01	<0.01	5.6				•			
	Ê	^ `^	66° quartz voin with breecia porphyry, width 50 mm 60° chalcocite voin, width 2 mm biotite phonocryot 5 mm					355 356 357	i m	5.0	2.0 2.0 2.0	1.45 1.15 1.60	1.39 1.11 0.87	0,19 0,18		<0.01 <0.03	5.7 4.3	:						
120			feldspar phonograph 5 Ha -30°					358 35 36	9 117	3•0	2.0 2.0 2.0	0,61 1.10 1.40			K0.01	<0.01	2.0							•
120	<u>81719</u>		260 <sup>0</sup> chalcocite wein, width i ma 50 <sup>0</sup> pyrite-chalcocite vein, width 10 mm 50 <sup>0</sup> pyrite-chalcocite vein, width 2 mm 60 <sup>0</sup> pyrite-chalcocite vein, width 2 mm					36) 36) 36)	123	2.0		0.71 0.75 0.61	· 0, 72 1, 52 0, 63		Ke.01	<0.01	4.5						[ <del></del> ]	LEGEND
130	م م		pyrite-chalcocite vein, with 5 mm					36 36	1 127 5 129	2.0 2.0	2,0 2,0	0.51 0.71 0.61	0.55 0.68	0.12		<0.01 <0.01	1.8						se se	udstone 's
	<u>م</u> ک	$\hat{\mathbf{x}}$	_65° pyrite-chalcocite veinlet, width 3 mm					36 36 36	7 135	2.0 2.0	2.0 2.0	0,51 0,71 0,42	0.65	0.07	1.1	<0.01	1					,		uff, Lapilli tuff, Tuff breccia, hyollta hornblends — biotita porphyry
140	<u>~</u>	``^	∠75° chalcocite veinlot, width 1 mm						0 139 1 141	2.0 2.0	2.0 2.0	0.47 2.03	0,41 1,62	0.07		<0.01 <0.01								orphyry blottle porphyry quartz – blottle porphyry recclation
	^		-775 <sup>0</sup>					37. 37. 37.	5 145 4 147	2.0	2.0	0.34 0.39	0.48 0.21 0.34	0.05	<b>«</b> 0.01	<0.01	2.7		.					clination of plane structures. ( bedding plane, intrusive boundary etc )
150 151			Bottom			-	<b>]</b>	37 	6 151	2.0	2.0	0.47 0.47	0.45	0.08	¢0.01	<b>&lt;</b> 0.01	2.4						0500	E OF ALTERATION AND MINERALIZATION
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<u>PL 1-8-7</u>	
SEOLOGICAL SURVEY OF	
AREA. UNION OF BURMA $(P)$	
E LOG and ASSAY	
No. 7 (J.S. 7) Sheet 1	
ngth 151.0 m Core_ Recovery_98.0%	
_SabedoungElevation_148.9 m	
0 Inclination - 90°	
Logging from 20:12:73' to 26:12:73'	
bySMONONOBE	
NG AGENCY	
TECHNICAL COOPERATION AGENCY	
OF JAPAN	
SEPTEMBER 1974	
TSUI KINZOKU ENGINĘERINO SERVICE CO. LTD	

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	Brucc           600         20°           90°         20°           90°         20°           90°         20°           90°         20°           91°         20°           93°         20°           93°         30°           65°         9           65°         9           65°         9           65°         9           66°         quart	pyrite-chalcocite a s voin with pyrite c-chalcocite vein, c-chalcocite vein, e-chalcocite vein, z vain with braccis cocite vein, with process				33 34 34 34 34 34 34 34 34 34	0         79           1         01           12         65           13         65           14         67           15         89           16         91           17         93           18         95           19         97           10         91           101         101           12         103           13         105           14         107           15         109           16         111	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	0.86 1.35 0.37 0.27 0.32 0.71 1.72 1.69 0.37 1.03 1.00 1.20 0.96 1.03 1.45 1.15 1.00	C.36 C.23 O.27 O.37 O.63 I.64 I.91 O.68 O.33 I.05 O.99 I.14 C.96 C.96	0.25 0.77 0.18 0,19	<0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	5.6 5.4 14.7 2.1 4.8 5.6 5.7 4.3				ungan in the	• * * * * * * *	₩ - ond forget, other
120.0 (1000) 13000 13000	50° chale 90° pyrit 50° pyrit 50° pyrit 50° pyrit	그는 그 가격 물질 물건	nocrynt 1-Enn, max:10m; width 10 mm width 2 mm wudth 2 mm			35 36 36 36 36 36 36 36 36	59         117           50         119           51         121           52         123           53         125           54         127           55         129	2.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	0.61 1.10 1.40 0.71 0.76 0.61 0.51 0.71 0.61	0.41 0.73 1.25 0.72 1.52 0.63 0.65 0.68 0.68 0.61	0,12	<0.01 <0.01 <0.01 <0.01	<0.01	2.0 4.5 6.3 1.8	•			Mi	EGENI udstone andstone	
	<75° chalce	e-chalcocite veinlo moite vainlat, widt e-chalcocite vein,	th 1 mm	a statistica da la constatistica da la constatistica da la constatistica da la constatistica da la constatisti La constatistica da la constatistica da la constatistica da la constatistica da la constatistica da la constati La constatistica da la constatistica da la constatistica da la constatistica da la constatistica da la constatist		36 36 37 37 37 37 37 37 37	57         133           58         135           59         137           70         139           71         141           72         143           73         145           74         147           75         149	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	0.51 0.71 0.42 0.47 2.03 0.47 0.34 0.39 0.47	0.65 0.62 0.28 0.41 1.62 0.48 0.21 0.34 0.34	0.07 0.20 0.05	(0.01 (0.01 (0.01	<0.01 <0.01 <0.01 <0.01	1.5 5.0 2.7				LL R A A Br J 30 in	uff, Lop nyoilite arphyry recolation clination { bedding	•
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190,0										1				•					X fresi weak medi stroi	: : p in ium: a _ c ng: no	> 80 % naitered barts of feldspar bta clay mineral imost all the hanged into clay bat only feidspar phenoci- bass changed in
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boundary, etc. }

### INERALIZATION

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5~10 %	06~09%
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crysts but also groundnto clay minerals.

by field observation)

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70 0			 															medium		5~10 %	+
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and some					18			с <b>т</b>											
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A foldspar phenouryst 5mm	18 18			301	- 58	2.0	2.0	0.32	0.29	े 	(0:01 ×	(n. m.	-3.6`						Location Sabedaung Elevation 85.3 <sup>m</sup> Direction 0 Inclination - 90°
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A ∠0° J chalcocite stringer				385	- 76 - 70	5:0	7.0	0.61	0.29 0.49 0.57	0.10	<0.01	(c.01	3.4						
△				1 557	40	2.0	1.8	1.35	1.14 3.03		/ a								
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AAA pyrite fraggent AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	80E			390 391 392	46 48	2.0	1.0	0.72	C.48 0.£8	ć. 10	ζc.01	0.01	5.5		 				METAL MINING AGENCY OVERSEAS TECHNICAL COOPERATION AGENCY
A A ADO (4 Jam)				295	52	7.0	2.0	2124	C.84		<c.01< td=""><td>- V (1)</td><td>7.1</td><td></td><td></td><td></td><td></td><td>· · · ·</td><td>GOVERNMENT OF JAPAN</td></c.01<>	- V (1)	7.1					· · · ·	GOVERNMENT OF JAPAN
breactated pyrito-chalcocito	re   }(			394	56 56	2.0	2.0	2.61	2.09	0.09	<b>(</b> 0,01	C.01	6.3	i series Normalis	•				SEPTEMBER 1974 Propored by Matsul Kinzoku Engineering service co. Lto
Sof pyrio chalcocite voin, width i 3mm				396 397	60	2.0		0.97	1.05		<b>ζ</b> α.31		10.0					Ŀ	
Baznive porphyry blotite phenocryst 5mm feldspur phenomyst 7mm	Ϋ́			/  <u>598</u>   <u>3</u> 99	64		7.0 1,8		0.78	0,10	ζr.01	0,02	. fi <b>.</b> 8-			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
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				402	70 72	1	2.0	0.40 0.33	0.32	0.06		C.01	5.5	×					
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(2000)		ĮΥ		205	78 50	2:0 7.0	2.0	0.55	c.41 c.11	C.08	<b>(</b> 0.01	0.91	7.0						•
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				410	66 69	2.0	2.0	0.36 C.51	0.25		· ,		:				¢í ∑		
pyrite zono.(vidth : (0cm)	- 梁 			412	90	.0	2.0	2,42	C.28		(0.01 (0.01		22.7 6.9		ж				
$\Delta \wedge$	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second sec		Y	414	94 96	7.0	0	c.37	0.11				7.7	•	- 1 - 1 - 1				
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biatite phenocryst 3am	- Kao			419	102	2.0	2.0	0.37	0.14	<b>(c.o</b> z	Kc.01	c.02	٤.0		,				· .
aaaasiye porphyry	No.			419	1 . C	2.0 2.0	2.0	0.46	0.16				_				544 24 25		~
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				423	114	2.0 2.0	2.0	C.71 0.46	C.42		<b>८०.01</b> <b>८₀.01</b>		4•7 3.8	. *			元 1 4		
△ △ ∠50° chalcocito-pyrite wein, width : 5mm	ino Ser			425 426	- 115	2.0 2.0	2.0	0, 32								•			
				422	3. 4. 3.	2.0 2.0	2.0 1.4	C.76	C.26 C.78	17. Steel (1	<0.01 <0.01		4.3- 5.8			4		•	LEGEND
рогоца рогрууту		1		425 435	18 - 54 M	2.0 2.0	0.5 C.4	2,28 5,31	2.06 2.29	C. 38	Kc.01	C.01	7.1	· ·		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1		Mudstone
dissemination chalcocité and pyrite	2 430			433	1.1.1.1	2.0 2.0	0.7 0.3	2.74 12.78	112	s -				·					Sandstone
cluy zone		丫		433	132	2.0 2.0	0.5	1.1	13,62	C.68	(0.01	P.20	11.5					_	1.22. Tuff. Lapilli tuff. Tuff breccia
punicecus porphyry, green stainning,				43	136	2.0 2.0	C.7 0.3	-9.70	C.09 7.17	0.50	K c.01	0.22	6.2			and the		2	Rhyolite hornblende-biotite porphyry Porphyry blotite porphyry
		$\left  \right\rangle$		43	140	2.0	1.3	4.02		1	<0.01		7.7		<b>'</b>	1. N. D.	4	_	Porphyry         blottle         porphyry           Quartz         - blottle         pgrphyry           Brecclaton
corpact porphyry				43	<u>ੂ</u> 144	2.0	1.6	3, 33	5.93 7.35		20.01		8,6			1,5 - 2 - 2	4. 11 17		30 Inclination of plane structures.
breceistag toulania	が変換する	書件		44	148	2.0	1.7	4.75	6.72	<i>س</i> ر د. ا	ko in		11	-		11/10/20			{ bedding plane intrusive boundary etc } r
Bettos		<u> </u>		44	150	5.0	2,0	4.47	4.47		0.01	0.01	111.		.	1. S. S. S. S. S.			DECODE OF ALTEDATION AND MINEBAL ITATION
								st.							1 - 1 1 - 1 1 - 1 - 1	1. N. 1. N. 1			
			- <b>-</b>						·*   · · ·		F	<b>.</b> •		25.3		「「「「」」			arglitization silicification pgritization mineralization SIO <sub>2</sub> FeS <sub>2</sub> Cu

				Ŷ	408 408 410 412 412 413 414 415	50 12 84 85 90 92 94 94 95	20 00 00 10.	2.0 2.0 1.4	0.55 0.51 0.42 1.50 0.77	0:25 0.56 0.28 1.21 0.11	0.09 C.07 0.27	(0.01 (0.01	0.01 0.01 0.02	6.9		
<u>80</u>		Inamaira porphyry feldapar phenograft - 7mm biottie phenograft - 7mm istanaire porphyry feldang chenograft - 7mm			416 417 418 419 420 421 422 423	1	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	1:3 2.0 2.0 2.0 2.0 2.0 2.0 2.0	C.51 0.57 0.32 0.46 0.32 0.66 0.22 0.71	0.25 0.18 0.14 0.34 0.16 0.27 0.11 0.41	<pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre>	<0:01 <0:01 <0:01	C.C2 C.D1 0.01	P.0 P.4 P.4		
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		elay zons funiceous, porphyry, groes_stalaning, abounded gas pores. compast porphyry bracelated porphyry			433 434 435 436 437 438 439 440 441	136 138 140 142 144 146	2.0 2.0 2.0 2.0 2.0 2.0	0.6 0.7 0.3 1.3 1.9 1.6 2.0	5.68 4.02 3.16 3.33	15.82 2.89 7.17 5.62 3.62	0.50	(0.01 ( c.01 ( c.01 ( c.01	e.29 c.01	11.5 , 6.2 , 7.7 , 8.6		Tuff. Lapilli tuff. L. Rhyolite A Parphyry blotte p quartz - 1 A A Brecciaton A 30 inclination of plane { bedding plane.
00 00 00 00 00 00 00 00 00 00 00 00 00		Botton			442 	150	2.0	2.0	4.97	4.47		(c.01	0.01	11.0		DEGREE OF ALTERAT
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GEND t in the second ione stone Lapilli tuff. Tuff breccia lite hornblende bictite porphyry blotite porphyry quortz biotite pyrphyry hýrý : iaton notion of plane structures. edding plane. Intrusive boundary, etc.)

parts of feldspar phenocrysts changed into clay minerals. almost all the feldspor phenocrysts changed into clay minerals ( not only feldspar phenocrysts but also groundmass changed into clay minerals.

# OF ALTERATION AND MINERALIZATION

lization	mineralization
FeS <sub>2</sub>	Cu < 0.2 %
√ 5 %	0.3~05 %
- 10 %	0.5~0.9 %
• 10 %	> 1 %

{ by field observation }

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190.0		ļ 		_									<u> </u>																s	stron	ig 1	-char not mas	only	into feldspa change	cla Ir phe ed li	nocryst	mineral is but clay	also
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- ÷	5~	10 %	0.6 ~ 09 %	
	>	10 %	> 1 %	

r phenocrysts changed nerals

the feldspar phenocrysts clay minerals phenocrysts but also groundinto clay minerals. ( by field observation ) .

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Depth	Hon at	Rarticulars	Ali		Mineraliz		Samore	Depth	Res Core		er BURMA	en en		JAPAN	· .	· · ·			3		<u>PL I-8-9</u>
(m)	Sec.		arg,	<b>6</b> 1,	Py.	Cu.	Nø.		Longiti		T-Cu <sup>%</sup>	T-Cu	Sol-Cu	Zn %	A3 %	5 %	AU 9/1 A	94			GEOLOGICAL SURVEY OF
3.1	 ∧	NON. COTO			<b> </b>			· .					140 S.	.				ŀ	ar, case		MONYWA AREA. UNION OF BURMA
	$\sim$	bigtite-feldspar porphyry						, . <b>.</b>	÷				.'								(PHASE I)
10.0																					
	$\hat{\gamma}$											· .									CORE LOG and ASSAY
		Oxidized zone					i. Na s	12 x	1.4 1.4												
200	<u>`</u>	19.1		 	┥ <sub>┛┨┣╼</sub> ┥	-n-	C	19 21	2.0	2.0	1.22	0.08	0.24	(0.01)		5.8			1. A. A. A.		DDH No 9 (JS 9) Sheet 1
	<u>۵ ۵</u>	breccia dyke including angular rock fragments of perphyry and tuff					444	, 23	2.0	2.0	2.15	1.44					•		1.44		Total .Length_J5J.5_m Core. Recovery .97.9_%
		chalconite-pyrite dissemination and joint filling light gray biotite-feldopar porchyry				61-M	445 446	25 27	2.0 2.0	1. 1. 1. 1.	1.18 0.83	2.98	C.16	(0.01	< 0.01	4.3					Locotion Sabedaung Elevation 132.7 m
30.0	$\sim$	light gray biotite-feldapar porphyry feldspar phenogryst : 1-10 mm biotife phenogryst : 1-10 mm		╘			447	29 51	2.0 2.0	2.0	0.73 0.49	1.58	0,15	(0.0)		_					Direction 0 Inclination - 90°
( 336 2		20 pyrite-chalcocite-quarts vein, width:15mm chalcocite-pyrite dissemination and meinter filling	1.1.1.1.1.1				449	- 33	2.0	2.0	1.32	1.40	0.13	10.01	(C.UI	5.8					Date of Logging from 7.1.74 to 13.1.74
		pyrite-chalcocite-quartz vein, widthilter	1.1.				450 451	35 37	2.0	2.0 2.0	6.86 1.62	2.88	C.22	<c.01< td=""><td>&lt;0:01</td><td>10.6</td><td>·</td><td></td><td>1.00</td><td></td><td>LoggedbyS_MONONOBE</td></c.01<>	<0:01	10.6	·		1.00		LoggedbyS_MONONOBE
40.0		200° pyrite-chalcocite-quartz vein, width:10m transitional-boundary:	<u> </u>				452	-39	2.0	2.0	0.03	1.07									
	L Ø	rhyolite with biotite-feldspar porphy- ritic rock fragments		1			453 454	41	2.0 2.0	2.0	1.32	1.55 1.51	0.20 0.22	<0.01 <0.01		6.5 4.2					
	0.	ritic rock fragments			he	₹γ	455 456	45 47	2.0 2.0	2.0 2.0	0.94 0.74	1.14 0.76	.				•				METAL MINING AGENCY
300	1.	lepilli tuff (5 thin beds)				LΥ	457	49.	2.0	2.0	1.42	1+99	1 I			7.3				- The Contract of Contract	OVERSEAS TECHNICAL COOPERATION AGENCY
	^ ^	chalcocite-pyrite vainlet , dissociantion		$\prod$		6	458 459	51 53	2.0	2.0 2.0	0.64 0.74	0.55		<0.01	< 0.01	5.9					GOVERNMENT OF JAPAN
	<u>^</u>		Ber				460	55	2.0	2. Q	0. 54	0.51	1			3.1	1			- Company and the second	SEPTEMBER 1974
60.0	ê	∠30° pyrite-chalcocite vøin, width : 15 cm lapillituff		Į۷.		V	461 462	57 59	2.0 2.0	2.0 2.0	0.88 0.88	0.92 0.70	.	• -	.	.			-		Propared by MITSUI KINZOKU ENGINEERING SERVICE CO, LTD
		15 pyrite-chalcocite veing, width: 10mm, 20m		Ħ	†Ť-		463	61 63	2.0 2.0	2.0 2.0	0.34 0.39	0.29 0.37	0,08	<b>(0.01</b>	<b>∢</b> C.01	6.6					له
1.		50° chalcocite-pyrite dissorination and 50° pyrite-chalcocite vein, width:15rm					465	65	2.0	2.0	0.54	0.45									
·		20° pyrite-chalcocite vein, width : 20 ==					466	67 69	2.0	2.0 2.0	C.54 C.29	0.59 2.30	0,11	<0.01	< C. 01	8.5			- E	4 H - 4 - 4	
70 (		pisolite	- 56 50	十个	+	┼- -	468	. 71	2.0	2.0	C.49	C.53	1		<0.01	8.3			15 28 28		
		∠50° pyrite-chalcocite, width t 9 mm			. *** .=		469	73. 75	2.0	2.0 2.0	C.54 C.98	0.53 0.65	0,12	<0.01·	<b>∢0</b> ₊01	6.7		61 - 1. m. e - 1. 1. - 1 1 1 1 1 1			
						18	471	77	2.0	2.0	0.93	0,68	0.17	(0 10							
e0 30,			┼╌┟╴	┾╟	┿╋	╞╢	472	79 81	2.0	2.0 2.0	1.08 C.87		C.16	1 °	1 1	· ·					
	Î^^	pyrite-chalcocite veinlot, disseminatio	n				474 475	83 85	2.0 2.0	2.0 2.0	C.76 C.49	0.65 0.61		cp.01	< C. C1	7.2					
	Ê^	light gray biotite-feldaper porphyry				()	476	87	2.0	2.0	1.18	1.03									
90,	r		$- \parallel$	┿	╌┼╍┠╸	<del>↓ \(</del>	477	89 91	2.0 2.0	2.0	0.74	1.23	1	(0.01	< 0.01	4.8					
	^	1					479	93	2.0	2.0	1.18	1.13									
	h^						. 480 481	95 97	2.0	2.0	1.66 1.09	1.81	0.22	(0.01	( C. 01	7.0	1			2	
100	<u>^</u>	230* pyrito-chalcocite voin. width : 7 mm	┛╢		┶		482	99 101	2.0	2.0	0,83	0.74		10.01	(0.01						
	h^	pyrite-chalcocite vsinlet	Ĭ				463 484	101 103	2.0 2.0	2.0 2.0	0,68 0,64	0.70 0.79		1 .	<0.01 <0.01	4.3 6.6					•
	$\uparrow$	250° pyrite-chalcocite vein, width : 1-5 nz					485 486	105 107	2.0 2.0	2.0	C.83 C.69	C.77								2	
. 10	<u> </u>	· · · · · · · · · · · · · · · · · · ·				LΥ	487	109	2.0	2.0	1.03	] 1.11	e.21		<0.01	13.4					
	^ ^	light gray feldopar porphyry				≬	488 489	111 113	2.0	2.0 2.0	0.44 0.69	C.44 C.61	1							.	
	Ô	210° pyrite-chalcocito voin, width : 7 mm					490 491	115 117	2.0	2.0 2.0	C.15 C.15	1	0.10	Kc.01	<0.01	11.4				5	· · · · · ·
120	۹ م م 0 ه	porphyry with essential rock fragments					491 492	119	2.0 2.0	2.0	C.15 0.25	0.14									
1	<u> </u>		┥┥	$\uparrow \uparrow \uparrow$			493 494	121 123	2.0 2.0	1	0,20 0,15	0,19	0.09	<0.01	(0.01	8.7				Х. 1	LEGEND
	<b>^</b> -	transitional boundary					495	125	2.0	2.0	0.49	0.55	5	1	/	1					Mudstone
	["	- rhyolitic tuff				ΙY	496 497	127 129	2.0		0,93	C. 93	5 0.21	(0.01	( C. 01	10.1					Sandstone
- 130	°	. pyrite-chalcocite veinlet, disseminatic		+	╧╋	$\dagger$	498	151	2.0	2.0	0.15	0.16	5 0.06		<0.01	6.1					المعنى المانية: Tuff, Lapilli tuff. Tuff breccia.
434	·#	-30°					499 500	133 135	2.0		0.25 C.10	0,15	1	L0.01	< 0.01	7.5					L Rhyolifs
	^	light gray quartz-biotito-foldopar porphyry					501 502	137 139	2.0	1.1		0.06	1	(0.01	<0.01	4.6				li E	An Parphyry biotile porphyry biotile porphyry
140	° ^	200° pyrite-chalcocite vein, width : 10 mm	+		╔╢╋╢		503	141	2.0	2.0	0.54	0.06	5 0.04		(0.01						A_A] Brecciation
	1	•					504 505	143, 145	2.0		· · · ·	0.33	1	Ko. 01	K0.01	£.8					<u>∕</u> 30 inclination of plane structures.
	h^^						506	147	2.0	2.0	.0.34	0.46	5								( bedding plane, intrusive boundary, etc )
150	• <u>•</u> •	<u> </u>	╌┼╌┠		╞┼╢		507				1	0.46	B 7 0.00	<b>(0.01</b>	(0.01	8.9					
1.51  .	1	Botton		•		·  · `											1				DEGREE OF ALTERATION AND MINERALIZATION
	$\mathbf{F}$								]					1	1		1			le r	argittization stillcification pystilization minerolization
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eo		<u>`</u>					$ \langle\rangle $	472	79	2.0	2.0	1.06	1.08	0.17	<0.01	<0.01	518			
x.	9 7			h	╈	┼┼╴	†-† -	473	51	2.0	2.0	C.87	C.78	1	<b>ζ</b> 0,01		5.1			
		$\mathbf{Y}$	pyrite-chalcocite voinlot, discemination					474 475	23 65	2.0 2.0	2.0 2.0	C.76	0.65	0.14	10.03	100				
	+ 4		light gray biotite-feldapar porphyry				10	476	87	2.0	2.0	C.49 1.18	0.61	0.10		<b>∢c.01</b>	. 3.2			
90	。^	$\sim$					10	477	83	2.0	2.0	0.74	1.23		·					
	<u>^</u>						17	478	91	2.0	2.0	2.21	0,99	1.12	<b>(</b> 0.01	< C. 01	4.8			
	^							479	95	2.0	2.0 2.0	1.18	1.13							
	h	$\sim$					$  \rangle$	481	97	2.0	2.0	1.08	1	0.22	(0.01	( v. 01	7.0			
	0	200	pyrite-chalcocite voin, width : 7 mm					482	99	2,0	2+0	C.83	0.74			、				
	<u>,</u>			-¥-	11	1-1		483	101	5*0	5.0	0,88	0.70	0.13	(D.01		4.3			
1		$\sim$	pyrite-chalcocite veinlet					484 485	103	2.0	2.0	0.64	C.79	0.14	(0.01	<b>⟨</b> C.01	6.6			
	È	<u></u>	ryrite-chalcocite vein, width : 1-5 mm				王人	486	105 107	2.0 2.0	2.0 2.0	C.83 C.69	C.77 C.65							
011	<u>م</u>						ΙY	487	109	2.0	2.0	1.03	1.11	e.21	<c.01< td=""><td>&lt;0.01</td><td>13.4</td><td></td><td></td><td></td></c.01<>	<0.01	13.4			
-	~		light gray feldspar porphyry				1-1-	488	111	2.0	2.0	0.44	C.44	(0.08)						
		- <u> </u> _10°	pyrito-chalcocito voin, width : 7 mm				ΙY	489	113	2.0	2.0	0,69	0.61							
	1							490 491	115 117	2.0	2.0	C.15 C.15	C.32 C.14	0.10	KC.01	<0.c1	11.4			
120	0		porphyry with emontial rock fragments					492	119	2.0	2.0	0.25	0.20		1					
	^				╋	┽╼╢╍		493	121	2.0	2.0	0,20	C. 19	0.09	Kc.01	< C. 01	e.7			LECEND
	1~	1	transitional boundary					494	123	2.0	2.0	0.15	0,18		1					LEGEND
	1	п.	1				18	495	125	2.0 2.0	2.0 2.0	0.49	C.55	0.71	0.0	0.0	10,1		1	Mudstone
			rhyolitic tuff				. <b> </b>	497	129	2.0	2.0	0,93 C.25	C.93 0.51		C	( C. 01	10.1			
130	Ŭ и	·	pyrite-shelesette voislet di		╅╼╂┨╴	┿╟	++	498	131	2.0	2.0	0.15	0.16	0.00	40.01	< c. c1	6.1	1		<u>1</u>
134.	. <u>te</u>	30°	ryrite-chelcocite veinlet dissemination					499	133	2.0	2.0	0,25	0.15	0.07		< 0.01	7.5		1	Tuff, Lapilli tuff, Tuff breccia,
<u>ا</u>	^		light gray quartz-biotite-foldspar					500	135	2.0	2.0	C.10	0.13					ł		
	5		porphyry gyriic-chalcocite wein, width : 10 mm					501 502	137	2.0	2.0 2.0	0.10 0.05	0.08	C.03	<c.01< td=""><td>(0.01</td><td>4.6</td><td></td><td></td><td>Porphyry blatite porphyry ydartz – biotite porphyry</td></c.01<>	(0.01	4.6			Porphyry blatite porphyry ydartz – biotite porphyry
140	<u>م</u>	<u> </u>	prese-charcourte vern, siuth ; IV En	- -	╡╢	·┼·╂	++	503	141	2.0	2.0	0.54	0.00			(0.01		'	}	Quartz - Diatite porphyry
	Į,	1	<u>.</u>				11	504	143	2.0		C.15	0.33	,						
								505	145	2.0	2.0	0.44	C.41	C.09	<b>(0.01</b>	<0.01	6.8		l	30 Inclination of plane structures.
	<u> </u> ^							506	147	2.0	2.0	C.34	0.46							. ( bedding plane, intrusive boun
150. 151.	×	<u>\</u>	·		┼╢	┥╢	┼╌┼╴	507 508	149 151	2.0	2.0 2.0	0.49 C.25	C.48 C.17	0.06	K0.01	60.01	8.9			
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		1										1								changed into clay
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olane, intrusive boundary, etc.)

### RATION AND MINERALIZATION

silicification	pyritization	mineralization
\$10 2 < 55 %	FeS 2 1	< 0 2 %
55 ~ 65 %	1~5%	03~05 %
65 ~ 80 %	<sup>4</sup> 5 ~ 10 %	06~09%
> 80 %	× 01 <	> 1 %

of feldspar phenocrysis changed clay minerals

st all the feldspar phenocrysis ged into ctay minerals nty foldspar phenocrysts but also groundchanged into clay minerats (by field observation)

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	. 	•						•											weak	-+	l ~ 5	
	• <u>·</u>				<del></del>														medium  strong	65 ~ 80 % > 80 %	5 ~ 10 > 10	
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				•											**					o clay mi	dspar phenoc inerais. the felds	
<u>190</u>	•			<u> </u>			 											str		onged into onty feldspart ss change	clay mi	ine st
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200	<u>ه</u>		<b>!</b>					<u></u>								i		ar		EVIATIONS		
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310	<u>.</u>	+ . + +				<u>.</u>																
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5	%	0.3 ~05 %
0	%	06~09%
0	%	> 1 %

phenocrysts changed

e feldspar prenocrysts ay minerats ocrysts but also groundinto ctay minerals.

( by field observation)

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																						調査部長の	国際協力事業団 108816 国家英科学派者
	5	Ratticulors	2	Alleta	lion A	Ainerali	tation			4	sult.	er BURMA		mical	-Anely JAPA						े. इ.स.		<u>PL_I-8-10</u>
(u tur Columnar	Seci		979	, L	L.	PY.	<u>eu.</u>	No.	Depth	Core Length	Sample Longih	T-C="		Sel-Cu			% <u>s</u>	4	Au %	A0 <sup>9/</sup> t			GEOLOGICAL SURVEY OF
1.6	- F	, non core brownish gray colored,		10 A. 10						· ·								÷	-				MONYWA AREA. UNION OF BURMA
•	$\mathbf{A}$	brocciated perphyry with oxidized	ka				_														in Q		(PHASE II)
0.0	<u>^</u>	limonite gossan zone	<u> </u>	1				_					ļ									No.	
		biotite porphyryX _75 <sup>0</sup> limonite vainlet	11	State 1 and																		1. 1. S. S. S. S. S. S. S. S. S. S. S. S. S.	CORE LOG and ASSAY
Ê		weathered porphyry dark gray colored blottis perphyry hiotits pheneeryst : 7mm (fresh) feldspar pheneeryst: 6mm	عد ا ا	10 1 1									ļ									1000	
		feldspar phenocryst: 6m aboaring tabo	-	- 10 - 10	, -		$\left  \right $		21										ĺ			1994 A. 19	DDH No IO (JS IO) Sheet I
	<u> </u>	60° quartz voin with chalcocite	2		. 			579	23		2.0		1		2 <0.0	L < 0.4	01 2	.2	< 0. 1	< 1			Total Length 151.0 m Core. Recovery 98.9%
·	Ì	285° ýyrite voin with chalcocite, width 5 km 285° fyrite voin with chalcocite, width 10 mm	1 . 1	11			0	580 581			2.0		0,1										Location Sabedaung. Elevation 108,6 m
<u>0.0</u>	•  	nedium grained massive tuff with		19 20			┟╼╟	- 582 583	29		2.0		0.4									i s	Direction 0 Inclination -9.0°
ľ		pyrite ore fragments						584	33	2.0	2.0	0.59	0.3	7 0.1	2							1	Date of Logging from 22.1.74 to 29.1.74
F	╉	_30° chalcocite voinlet, width : 1 cm tuff with silicified rock and pyrito			ľ			585 586		1	2.0		0,3										Logged by S. MONONOBE
<u></u>	<u>.</u> ]	260 <sup>0</sup> ore fragments		2				- 587 588	39	1	2.0		0.3						1				
		chnicocite coated pyrite veinlet, v:4-5m. ≤70° chalcocite, pyrite voinlet v : 1 m	1	100				589	43	2.0	2.0	0.34	0.5	o c.1	4		1					· · · ·	
F	$-\frac{1}{1}$	≤70 <sup>°</sup> * *						590 591	1	1	2.0		1	1		1							METAL MINING AGENCY
<u></u>	-	pyrite, chalcocite voin setwork				┝ -	Ļ∥	- 592 593		1	2.0		6.3 0.2	1			1						OVERSEAS TECHNICAL COOPERATION AGENCY GOVERNMENT OF JAPAN
Ē	-	90° chalcosito-pyrite veinlot v : 2 mi 200° v : 2 mi 215° v : 1 mi						593	53	2.0	2.0	0.20	0.2	o 0.0	6 < 0. (	oz ∠0.•	01 <	3.9	<c.1< td=""><td>1</td><td></td><td></td><td>SEPTEMBER 1974</td></c.1<>	1			SEPTEMBER 1974
		∠9 ¥:4±0	,		Y			595 596	57	2.0	2.0	0.29	C.3							ļ		-	Prepared by MITSUI KINZOKU ENGREERING SERVICE CO. LTD
<b>F</b>		pyrice charobered harmore				╞╧┨╴	┤╼╢	597 598	1	1	2.0	1			1							100 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
- Pa		∠70° shearing with chalcocite, pyrite						599	63	2.0	2.0	0.17	0.1	9 0.0	5							1	
•		biotite porphyritic rock fragments, size : 500 pyrite, chalcocito veinlet w : 5 mm						600 601	67		2.0												
<u>700</u>		∠50° pyrite veinlet w : 5 m ∠10° chalcocite pyrite veinlet w : 1 m			_	╞┈╿	╷	607 603		E	2.0												
ŀ		coarse grained tuff		1. N. 1.				604	13	2.0	2.0	0.78	0.8	0 0.1	0							10 - 11 - 11 - 11 - 11 - 11 - 11 - 11 -	
76.		∠659° pyrite chalcosite veinlet ⊭ : 5 mm ∠700° * * * * : 2 m ⊻ : 2 m	× 🖱	ar j		6 <b>4</b> 3 4 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4		605 506				1					•	•					
e00	• •	lapilli tuff	2 	iar 20' 11	<u> </u>			607 608	1	4	i												
		size of lapilli   pea - ege						609	87	2.0	2.0	0.37	0.3	9 a.	ia 0.	01 0	.01	9.0	0,1	1	1		
يا دي	, . 	boundary			ļ			610 611	1	1				E E								1	
<u>90.0</u>		270°						612 														1	
ŀ	<u>`</u> ^	gray colored, silicified biotito			ļ			634	92	2.0	2.0	0.10	C.4	¥					-				
Ĕ		pornhyry						619 610			1			1						ļ			
00 0		course grained tuff			<u> </u>			611 61															
01.÷	^	biotite-feldspar porphyry biotite phonocryst : 5 mm						61	9 10	\$ 2.0	2.0	0.2	5 V.	19	ļ							1.	
É	~ ~	$\angle 60^{\circ}$ pyrite veinlet with chalcocite * : 5 m $\angle 60^{\circ}$ pyrite, chalcocite veinlet abundant	•					62 62												ł			
110 0	< T	<u>∠65</u> ° • •				<u>↓</u> ∦		62 62	1					1		1			1				
	^^-	dissoninated hematite						62	4 11	5 5.0	2.	0.34	0.1	42 0.	05 <0.	01 < 0.	01	3.4	< 0.1	<	1	ľ	
	^	∠70° pyrite voin ∠65° pyrite voin						62 62	6 11	7 2.0	2.		5 0."	70					1				
120 0	^	∠65° pyrite vein	_ _		_[_	-		62 	ł	1				1									· · · · · · · · · · · · · · · · · · ·
	<u>^.</u>	∠30° chalcosite, pyrito veinlot w : 10 mm		303				62	9 12	5 2.0	2.1	3 4-D	.   c.	05 < 0.	01				1				LEGEND
	<u>^^</u>		'	₩ I				63 63				1		1								-  ·	Mudstone
130 0	<u>^</u>	∠60° pyrite veinlet with chalcocite, w : 5 ==	=			$\downarrow$		67						04 03	1				1			-	Sandstone
	^_	∠ <sup>65</sup> ° • •	ĺ					63	4 17	3 2.1	2.	o c.o	5 C.	C4 ( C	91								Tuff, Lapilli tuff, Tuff breccia,
	Λ	75° pyrité, chalcocité veislet w i 1 mm						6 6				1		21 39						1			Rhyolite     hornblende – biotite porphyry
140.0	^	∠y0° ¥ : 2 ==	_					6;					1	.16 41								ľ	Por phyry biotifie porphyry quartz - biotifie porphyry A A Brecciation
	^^	biotite parchyry		8				6	9 14	3 2.	2.	0 tr	. 0.	48 < 0.	.en < e	•01<0	.01	1,7	<0.1	<	1	ľ	20 Inclination of plane structures.
╽╽	^	50° pyrite veinlat wilm						64 64	0 14				I.	07								ľ	{ bedding plans, intrusive boundary, etc }
150.0	^	<u>∕</u> 50° pyrite veinlat w∶l mm		1.42				64	2 14	9 2.		0 C.C	5 0.	.10 .03 < C	.e1				ļ	1			
51.O		Bottom		943 	 / 2			"]"			·   *•	-   <sup></sup>	*   <i>`</i>			1							DEGREE OF ALTERATION AND MINERALIZATION
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FeS 2 1	cu < 0.2 %	
ter an an an an an an an an an an an an an	<u>্র বিজ্ঞান</u>	Service.

- F	•••		9	ize of	lapi	111 :	pea -	°RE	<b>.</b>		1.252				ľ	60 60	19	61 85	2.0	2.	0 0	0.22 0.37	0.23 D.39	0.10	0.	.01	0.01	9.0	0.	1				्वि जर्भ दिन्द								
.6:3 90 0	~ ^	_50°	bounda: chalco		pyrit	e voin		wslu wslu							2 J.	61 61 61	.1	85 87 69	2.0 2.0 2.0	2. 2. 2.	o c	0.94 0.42 0.59	0,57 0,54 0,58																			
Ţ		<u>_</u> 90°	gray c	" lonsi	<b>,</b> s(1	" icifio	d blo	¥ 1	5 123					Ĭ	- <b>Y</b>	61 61	4	91 93	2.0	2.	.0 9	2.17 0.10	0.12 C.14					-														
		<u>_</u> 50°	pyrite coarse						1.3		tor kys					61 61 61	.6	95 97 99	2.0 2.0 7.0	1 .	0 0	0.20 0.15 0.07	0.15 0.05 (0.01									a the set of the										
<u>a o</u> 1 :	~		biotit	e-feld	apar		ryat	: 5 =	-						- -	61	ទេ	101 103	2.0	2.	.0	0.07 0.25	0.04 0.19									and the second second second second second second second second second second second second second second second										
ł		∠ໜ° ∠ໜ	pyrite pyrite	veinl , chal	et wi cocit	th cho to voin	lcoci let a	te w	e:5 unt	<b>221</b>	Sec.					62 62 62	21	105 107 109	2.0	2.	.0 0	0.15 0.69	0.07																			
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# MINERALIZATION

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1~5%	0.3~05 %	
5~10 %	06~09%	
> 10 %	> 1 %	

ar phenocrysts changed trats ihe 4 feldspar phenocrysts clay minerals nocrysts but also groundinto clay minerals.

( by field observation )

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of feldspar phenocrysts changed clay minerals. all the steldspor phenocrysts into clay minerals feldspar phenocrysts but also groundchanged into clay minerals. ( by field observation )

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		mok fragments : pen size	kao 3					649	46 48	2.0	2.0	0.05	0.03	<0.01			1						ETAL MINING AGENCY
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		rock fragmonțs (angular-subasgular):1-3am						652 653	52 54	2.0	2.0	0.06	C.04 C.03									GC	OVERNMENT OF JAPAN
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	ار ک	green copper stain	fine and		-1			656 657	60 62	2.0	2.0	0.02	0.05							4		· .	
	.1 .	<pre>20" Orngmonts : pex Bize (biotite (relict) porphyry fragments:5cm)</pre>						658	4	2.0	.0	0.06	0.06							14.0			
	о II. С	∠46° Lapilli tuff _lotite porphyry fragmonts : 513 cm						659 660	66 60	2.0	2.0	0.05	0.04	K0.01	c.ei	(U. 01	3.1	4 0.1	<1	a state			
70.0	<b>.</b>	write ore fragments : 1x2 cm.	24 g. 1940 d	∛i, I ∦r⊊I	-		<u> -</u>  -	661	70	:.0	2.0	0,01	C. 04							1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
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80 0	· ·	biotite porphyry fragments : 4x7 cm				Ī	1	665 666	73 80	2.0	2.0	0.17	0.02							1.11%			
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	н . • п	rock fragments : pea size chloritization						674	96	2.0	2.0	C.06	0.03	<b>40,0</b> 1	0.02	k0.01	1.7	< 0.1	<1		1		
<u>00. p</u>	·II •	<pre>biotite porphyry(angular- 210 fragments of [silicified rock / subscriber]</pre>	1					675 676	98 100	2.0	2.0	0.06	C.03 0.06								1		
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10 0	n						┝┟╸	681	110	2.0	2.0	0.07	0.03						ŀ		:		
	n .	pyrite ore fragments : lem						602	112 114	2.0	2.0 2.0	0.09	0.03			4					4		
	n Naki							684	116	2.0	230	0,11	0.05	<b>€0</b> .01	·						- }-		
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	н <u>.</u> А н		1.4 Jun					687	122	2.0	2.0	C. 10	C. 04								20 19 - 19 19		LEGEND
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30.0	<u>н и</u>				+			691 692	150	2.0	2.0	0.11	0.04								цС.	H H G	Sandstone
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40 0	۵ ۳: م_م	rock frogments : pea size		1		_ _		695 696	138 140	2.0	2.0	0,12	0.02						,		5. 5		Porphyry biotite porp quartz — biot
	а н 11 а	pyrite ore fragments	31, 4, 174,					697	142	2.0	. 2.0	0.06	0.03							ľ			Brecciption
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<u>50 c</u> 51	• A	pon size ( egg size in rare			$\dashv$	- -	- <b> </b>	701 702	150 151	2.0	2.0	0.07	0.03	<b>(0.</b> 01	0.02	K0.01	1.6	<0.1	4		n - Leanna Martin		
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		Arishe Sector Contact Contact		劉變		H.	1.12	1	1.00	1.50	1.5			13 MAR	A. A.		1.64	2.531			Sec.		fresh < 55

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<u>PL [-8-1]</u>
OGICAL SURVEY OF
REA. UNION OF BURMA
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KINZOKU ENGINEERING SERVICE CO. LTD

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problende — biotite porphyry iatite parphyry uarty — biotite porphyry

plane structures. plane, intrusive boundary, etc. t

ERATION AND MINERALIZATION

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## ERATION AND MINERALIZATION

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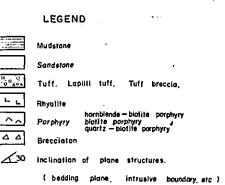
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10.0	c450 red colored coarse grained band				<b></b>  , ,													e e e e e e e e e e e e e e e e e e e
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22.4	chalcocite inpregnation chalcocite volu, width 7 mm	Jer			704 705	22 24	2.0 2.0		2.01 1.							1 9 1 1 1 1 1		Total Length 151.0 m Care Recovery 92.5 %
27.0	00 chalcocite vein, width 7 ma		4		706 707	26 28	5*0	1.7	1.95 1.	26								Location_SabedaungElevation_78.1 m
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31.9	200 chalcocite vein bearing pyrite, width	5aa ser			709 710	32 34	2.0 7.0		1.08 0.								· [	
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[^ ^	biotite phonocryst : 5 cm	kao			716	46	2.0	2.0	0.07 0.	03				ł				METAL MINING AGENCY
300 ^ ^	feldspar phonocryst: 7 m				717 	48 50	2.0	2-0 2.0	tr. 0. 0.07 0.		2 < 0.0	1 < 0.0	2.2	< 0.	.1 < 1	·	.	OVERSEAS TECHNICAL COOPERATION AGENCY
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	sheared zone ∠70° pyrite voin, width 7 mm	8			721	56	2.0 2.0	2.0	0.07 0.0	24								SEPTEMBER 1974
•••• ^ ^	2000 pyrite chalcocite vein, sidth 10 mm	Ebil danas	ŀ		722	59 60	2.0		0.10 C.4 0.02 C.4	05   02   < 0. d	'n						.	Prepared by MITSUI KINZOKU ENGINEERING SERVICE CO. LTD .
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	· ·				725 726	66	2.0 2.0		0.17 0. C.04 0.									
69.1 200	235° chilconite vein, width 10 mm				727	60 70	2.0		0.05 0.1 0.25 C.	03 35 0.0	22							
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				11	740 741	94 96	2.0 2.0		0.01 0.0	1								
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<u>^</u>	pyrite vein, width 1 mm		$\square$		759	132	2.0	2.0	0.02 0.0	5	•					2		u
<u>^</u>	1				760 761	134 136			0.02 0.0							5 H		L Rhyolite
H00 ^	200 chalcocite perito, width 1 rm				762 763	158 140	2.0	2.0	0.04 0.0	3							Ľ	Anorbiende – biotite porphyry biotite porphyry quartz – biotite porphyry
	270° quartz voin, width 20 mm				764	142	5+0	2.0	0.11 0.1 0.01 0.0	2	* <b>\</b> \$0.0	<0.01		<sup>&lt; 0</sup> •	1 < 1'		4	A A Brecciaton
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and ASSAY
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Core Recovery 92.5
Elevation 78 m
Inclination - 90°
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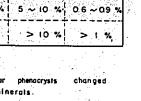
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10 of a " (10° pyrite veinlet, widt	th : 30 ms		8 2.0 2.0 (		ļ			
10. E A Bandy mid and tuff b	brecclated zone	1277 11	2 2.0 2.0	C. 15 C. 01	<c.01< td=""><td>7.12</td><td>6,1</td><td>a<sup>l</sup></td></c.01<>	7.12	6,1	a <sup>l</sup>
16. (	era alternation	1274 11	4 2.0 2.0 6 2.0 2.0					
10. gray sandy mudatone		1276 11	8 2.0 2.0	c.05				
16.1 16.1 16.1 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 16.2 17.2 16.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2	ff breeds andy audatone and med tuff alternation	1277 12 1273 12	2 2.0 2.0					LEGEND
fine grain	ned tuff alternation	1279 12		1 1				
26. horizontally fine g	grainoi uandatone	. 1201 12	8 2.0 2.0	0.24				Sandstone
10 quartz veiniet		1282 17	0 2.0 2.0 2 2.0 2.0					Sanasione Sanasione
10" modius grained sands	stono	1264 13	4 2.0 2.0	0*05				
grained white		1205 13	1 . 1 . 1	tr. tr.				hyonie hornblende – biotite porphyry blatite parphyry guartz – biotite porphyry
400 210" 41. 19. 41. 20" leçilli tuff		1287 14 1283 14	0 2.0 2.0	tr. 0.07 0.01	(0.m	3.36	· .	quartz - biotile porphyry
sandstone and sandy		1289 14	4 2.0 2.0	0.02				30 Inclination of plane structures.
(10-30 cm width alte	er mation)	1290 14 1291 14	6 2.0 J.1 8 2.0 1.4				;	bedding plane, intrusive boundary etc.)
19649-104				I	1	. i l	1 1	
51			0 2.0 1.4					
50 0 2000 51. 2000 53. (			5 5*0 5*0	0.17				DEGREE OF ALTERATION AND MINERALIZATION

		green lapilli tuff (high chloritization)			1. E.	ў . 	1258 1259	82 C4	2.0 2.0	2.0 2.0	0.15 0.10	C.01	<b>(0.01</b>			1.75			E.7	
	ese. Sala		語の気		׊į		1260	86	2.0	2.0	0.07							のため		
90.0			観察に	<u>第13</u> 2112	- 11. -		1261 1262	88. 90	2.0 2.0	2.0 2.0	0.12									
		lapilli tuff					1263 1264	92 94	2.0 2.0	2.0 2.0	0.12 0.22			• • • • •		1.07			7•3 (14)	
		fragments 25 ms green tuff breecia (high chloritization)					1265 1266	96 93	2.0 2.0	2, 0 2, 0	0.07 0.10									
00.0			<u>琴日</u> 菱月				1.267 1.268	100 102	2.0 2.0	2.0	0.15				1.1				1	
							1269	104	2.0	2.0	0,17		4 -	,					小学を支	
	-1	≤:0° pyrite veinlet, width : 30 mm	変合				1270 1271	106 108	2.0 2.0	2.0 2.0	0.24 0.15								and the second	2 2 2 2
10,	•_     	sindy mud and tuff brecclated some		(a.)	Ť	┼╴┼	1272  1275	110 112	2.0	2.0 2.0	0.12	C.01	<c.01< td=""><td></td><td></td><td>2.12</td><td></td><td></td><td>6.8</td><td></td></c.01<>			2.12			6.8	
<b>.</b>		sandy and muddy layers alternation					1274 1275	11 4 116	2.0 2.0	2.0 2.0	0.29 0.20									
118.		gray sandy mudstone					1276	110 120	2.0	2.0	0.05	2 - 1 							1	
.a 🔆 .	••	fine grained gray sondy audotone and					1278	120	2.0	2.0 2.0	C.22 C.10	· · ·						1	a an an an an an an an an an an an an an	LEGEND
		fine grained tuff alternation		10 10 10 10 10 10 10 10 10 10 10 10 10 1			1279 1280	124 126	2.0 2.0	2.0	C.02 C.17	÷.				•				Mudstone
28. 130 o		horizontally fine grained sandstone					1261 1282	128 130	2.0	2.0	0.24 0.10									Sandstone
		∠60° quarts veinlet ∠10°					1283	- 132	2.0	2.0	0,02	:							an an a' a' a' a' a' a' a' a' a' a' a' a' a'	Tuff, Lapilli tuff. Tuff breccia
		210° podium grained anndstona					1264 1285	134 136	2.0	2.0	0,02 tr.								a sa sa Santa	Rhyolite
140 0		10"		- 1 - 1 			1286 1287	138 140	2.0	2.0 2.0	tr. tr.							 1.,		Porphyry blotite porphyry quartz - blotite porphyry
141.1	7	20" Letilli tuff sandstone and sandy tuff altornation					1288 1289	142 144	2.0	2.0 2.0	0.07	0.01	<0.01			3.36			5.6	$4^{30}$ Brecciaton $3^{30}$ inclination of plane structures.
		(10-30 cm width alter mation)	261				1290	146~	. 2.0	1.1	C. 02								1	( bedding plane, intrusive boundary, etc. )
150.0							1291 1292	148 150	2.0	1.4	0.05								a a a a a	
151. 153.4		∠20° sandy tuff					1293 1294	152 154	2.0	5.0	0.17 0.12								in Ser	DEGREE OF ALTERATION AND MINERALIZATION
		lapilli tuff					1295	156 158	7.0 2.0	2.0	0.17								1 1	argilization silicification pyritization mineralization
160.0		na senta senta della della della della della della della della della della della della della della della della Interna della della della della della della della della della della della della della della della della della d	331 538				1297	160	2.0	2.0	C. 17								18. 18. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	SiO <sub>2</sub> FeS <sub>2</sub> Cu
492°	<i>યવેલ</i> ્ડ્ર સ	and a second second second second second second second second second second second second second second second				2続.	1298 1299	162 164	2.0	2.0	0.15		No. Start			Set Vola	8.98% 			
	н е 			<b>i</b>			1300	166 168	2.0	2.0	0,15 0,22									weak 55 ~ 65 % 1 ~ 5 % 0.3 ~ 05 %
170.0	<u>ан</u> На		L į		╀╌╢╴	+	1302	170	2.0	2.0	0.02									medium 65 ~ 80 %   5 ~ 10 %; 0.6 ~ 09 %
		silicified zono, width :10 cm	i				1303 1304	172 174	2.0	2.0 2.0	C.12 Ö.12	0.01	K0.01			1.76			6.0	strong > 80 % > 10 % > 1 %
	••						1305 1306	176 178	5*0 5*0	2.0	0.17 0.20		1							X fresh unaitered
180,0	• # "•	pyrite quartz vein			┼╌┼╴	┼┤	1307 1306	180 182	2.0	2.0 2.0						3.85			7.4	weak parts of feldspar phenocrysts changed
	, <del>,</del>						1309 1310	181 186	2.0 2.0	2.0										into clay minerals. médium: almost all the feldspor phenocrysts
	0 • • ` • ■ •	lapilli tuff					1311	188	2.0	2.0	C. 12			Ì				1		changed into clay minerals strong not only feldspar phenocrysts but also ground
190.0		sandy tuff			╞╼┠╸		1312 1313	190 192	2.0 2.0	2.0 2.0	0.05 0.07									mass changed into clay minerals.
		lapilli tuff					1314 1315	194 196	2.0	2.0 2.0	0.07 0.02									( by field observation )
200.0	- <u>-</u>	270° quartz vein green coarne grained tuff					1316	198 200	2.0	2.0	0.02			k						, ABBREVIATIONS
201.	*	Boitton				T	1318		?.0 : 1.2	2.0 1.2		0.01				1,34	:		7,1	arg, : Argilitzation#
	• .				.				1			.								sll. : Silicification py : Pyritization
210.0	· . ·	·																		py : Pyritization
		•	1					ļ							1					kao : Koolinitization
	•		8									1								ser. : Sericitization ch. : Chtoritization
220.0		· ·		<u> </u>		$\downarrow$					•				,					alu. : Alunitization
	•	4		1			.	1				1								c.c.p. : Chalcopyrite . c.c. : Chalcocite
					1							.						1		en. : Enargite
2300		· · · · · · · · · · · · · · · · · · ·				<del>,  </del>				1	ŀ		·				1			dis Dissemination v. Vainlet
,	-	1.		1										1						w. Width
									1				1					1		
2400					+												l			
		u garan an an an an an an an an an an an an a												-						
	-			1 A				1	1.										1	
250,0		l			. <u>t</u>		]	ł	I	I	l.,	ŀ	Ι.	ļ	I	I	1	I	133	1 age

ATION	
mineralization	
دی % 0.2 >	1 3 2 M
0.3~05 %	
0.6~09%	
> । %	
	0.3~05 %

### ysts changed

a       ailicified zone, width :10 cn       100       100       2.0       0.02       0.012       0.01       0.01         a       1305       172       2.0       2.0       0.12       0.01       0.01       0.01       0.01         a       1305       174       2.0       2.0       0.12       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01       0.01	strong > 80 % > 10 % > t % * fresh : ungliered weak : parts of feldspor phenocrysts changed into clay minerals.
1800     1     1306     178     2.0     2.0     0.20       1307     180     2.0     2.0     0.15       1308     1300     182     2.0     0.15       1309     184     2.0     2.0     0.15       14     1309     184     2.0     0.15       15     1300     182     2.0     0.15       15     1300     184     2.0     0.15	% fresh : unailered weak : parts of feldspor phenocrysts changed.
1     -     -     1307     180     2.0     0.15             0.15            0.15            0.15            0.15	weak : parts of feldspor phenocrysts changed
1 1 1209 18t 2.0 2.0 0.15 1310 196 2.0 2.0 0.17	
- 11:19 [19] 19:12 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [19] 20:22 [10] 20:22 [10] 20:22 [10] 20:22 [10] 20:22 [10] 20:22 [10] 20:22 [1	medium; almost all the feldspor phenocrysts
· · · · · · · · · · · · · · · · · · ·	changed into cloy minerals.
Sandy tuff	strong : not only feldspar phenocrysts but also ground mass changed into clay minerols.
1apilli tufr	( by field observation )
336 198 2.0 2.0 0.02	ABBREVIATIONS
201. 238 201.7 1.2 1.2 0.01 0.01 1.34. 2 7.1	arg, : Argilizations
	sil. : Silicification
	py. : Pyritization
	kao. : Kaolinitization
	ser. : Sericitization
	ch. Chloritization alu. : Alunitization
	c.c.p. : Chalcopyrite
	c.c.: Chalcocile en Enorgite
	dis. Dissemination
	v. Veinlet w. Width .
	· .
	·
20.02	



0.0	Columnar Section	Rarticulars		lieratio	Ny Miner	neitesli		1	R	rsult	61	Chemi	199	Analys	- #E	÷ .			105 S	、 四方道	十字从古	
0.0			arg	111-	Py.	0.	Sampl N.o.	e Depth m	Core Length	Sample Langth	BURMA T-Cu <sup>%</sup>	T-Cu	*/	JAPAN	1	11		+ A9%	tinsią. Lucija		77	PL 1-8-14
<u>[</u>		non core						<u> </u>	Canalin	Canage of	1-04	7-CU	501-Cu	<u>Zn "</u>	AL.2	5 %	1" Au "/1	t <u>Ag*/</u>				GEOLOGICAL SURVEY OF
<u>[</u>	<u></u>	wonthered biotite porphyry ∠60° limonite veinlet																				MONYWA AREA, UNION OF BURMA
	`																		24			(PHASE I)
1	~	weathered biotite porphyry			+	1											-					
ŀ	~																					CORE LOG and ASSAY
0 0		(30° limonite voinlot with green coppar					с- 770	13 20	2.0	2.0	0,68	0.52	0.46	0.15	(0.01	0.11	0.1	2	1.1			DDH No JK-I(21C) Sheet I
۶ŕ		kaolinization zone	ľ				771 772	22 24	2.0	1.	0.33	0.32										Total Length 301.6.m Core Recovery 96.8
누		argillization zone					773	26	2.0	2.0	0.30	0.33 0.15										Location Ky isindaung Elevation 128.4 m
- <u> </u> -							774	28 30	2.0	ł	0.09	0.09 0.05	0.03									Direction O Inclination -90°
	~ .	weathered biotite porthyry					776 777	32 34	2.0	ł	0.07	0.06										Date of Logging from 5.2.74' to 20.2.74'
		argillized porphyry					778 779	36 38	2.0 2.0	1	0.06	0.04 0.08										Logged by S, MONONOBE.
		230° medium grained sundstons		┿┟	┥┷╽		. 730	40	2.0	2.0	0.09	1 1	LC.01									4
ŀ	▲	breccia rock		$ \langle\rangle$			781 782	42 44	2.0	2.0	0,16 0,28	0,14 0,23										
ŀ		argillized biotite porphyry	ł	Y	ł		793 764	46	2.0	2.0	0.49 0.07	C.73 C.09								-		METAL MINING AGENCY
Ł	╤┼╴				-		705	50	2.0	2.0	C.04		c.01	<b>4.01</b>	2.01	4.06	<0.1	4	ъ			OVERSEAS TECHNICAL COOPERATION AGENCY
		biatite relict : 5 mm					786 787	52 54	2.0 2.0	1	0.02 0.01	20.01 20.01										GUVLHINMENT OF JAPAN SEPTEMBER 1974
ļ	· ,	feldepar : 7 mm					786 789	56 58	2.0	ŗ	C.01 0.02	(r.c.1 (v.01							1		E4	IPPAREd by MITSUI KINZOKU ENGINEERING SERVICE CO LTD
1		····	╌╢╴	+	$\left  \right $	+	790 /71	60 62	2.0	2.0	C.04 0.02	40.01 40.01							the second second second second second second second second second second second second second second second s		Į	
~							/92 193	64	2.0	2.0	C•01	(0.01							14. I. I.			
	^ _	fine grained sillelfied perphyritic rock					794	66 65		2.0 2.0		(0.01 (0.01										
-	- 1		$\uparrow$		┼╢	+	795 796	70 77	2.0 2.0			(q. 01 (c. 01	0,01									
	· ^	argillized porphyry	.  -				737 798	74 76	2.0	2.0	tr. 0.40	40.01 0.56							3			
,	<u></u>	≤50°					799	78 80	2.0	2.0	0.06	0.05	(a. c.		1							
,		≤35° prystallized gypsum veimlet					801	82		2.0 2.0		(v <b>.</b> 01	(0. CI	0.07	K0.03	2.20	<0,1					
	.^1	could chalcocite-quarts veinlot					602 603	64 86	2.0 2.0	2.0 2.0	I F	(c.01 (c.01										
				Ŀ			804	88 90		2.0		(c.01 (c.01 )	(c.01									
		biotite porphyry					B06 807	92 94	2.0 2.0	2.0 2.0		(0.01 (0.01										
,	^	coverse perpaysy					8:06	<u>96</u>	2+0	2.0	c•05	0.0;										
7	<u>^</u>			$\downarrow$			809 810	98 100	2.0 2.0	2•0 2•0	0.04 C.02	<0.01 <0.01										
,	_						611 612	102 104	2.0 2.0		0.02 0.05	(0.01 (0.01										
		<60 <sup>0</sup>	ΙŸ				613 814	106 108	2.0 2.0	2.0 2.0	0.02 0.04	0.01										
		<u>∠70</u> °		┝╬			815	110	2.0	2.0	0,04	(e.01 d	(0.01	C.02	<p.01< td=""><td>2.72</td><td>&lt;0<b>.</b>1</td><td>4</td><td></td><td></td><td></td><td></td></p.01<>	2.72	<0 <b>.</b> 1	4				
		gray mulstone					816 817	112 114	2.0 2.0	2.0	0.04 0.04	(0.01 (0.01										
		-300 slumping sandstone					818 819	116 118	2.0 2.0	2.0	0.04 0.01	(0.01 (0.01										· •
				┝╌┼╴	┼╌┼╸		. 620 821	120 122	2.0 2.0		0.04 0.01	(0.01 (0.01	<0.01									LEGEND
7	A	braccistion none					822	174	Z.O	5.0	0.02	<b>(0.01</b>										
4		⊐°°					323 824	126 128		2.0	0.02 0.04	1										Mudstone Sandstone
0	4	tuff breccia			┼╌┞╸		825 826	130 132	2.0 2.0		C.06 C.06	0,01 ( (0,01	<b>(0.</b> 01									Tuff. Lapilli tuff. Tuff breccia,
	1	fine grained tuff					8 <b>27</b> 828	134 136	2.0 2.0	2.0 2.0		<0.01 <0.01					• •	-			۲. <sub>L</sub>	Rhyolite
-		<pre>c60<sup>a</sup> sudatone <pre>c30<sup>o</sup></pre></pre>					829	138	2.0	2,0	0.04	<0.01	(n				1-				<u>^ ^</u>	hornblende – biotite porphyry Porphyry biotite porphyry quartz – biotite porphyry
1	12.00	200 tuffaceous sandatone and sudatone		- <b> -</b>   !			870 831	140 142	2.0 2.0	2.0 2.0	0.06 C.05	(0.01 (0.01	្ច.ា	0.02	<b>₹0.01</b>	1.58	<b>₹6•1</b>	<1  <1			ΔΔ	Brecciation
		. alternation					832 833	144 14G	2.0 2.0	2.0 7.0	0.07 0.07	(c.01 c.02									⊿30	
111		nodium grained milicified mandatone		li			034 835	148 150		2.0 7.0	0.01	0.01 0.01	0.01								•	{ bedding plone, intrusive boundary, etc.)
1	<u></u> _			· · · · · · · · · · · · · · · · · · ·			1 1		6412		~~~~	0.01 0	~~~ u I	I				1				
1	<u>-</u>	aandatone with slumping mudstone					836	152		2.0	0.05	0.02										
		aandatone with plumping mudatone					836 837 838 839	152 154 156 158	2.0 2.0 2.0 2.0 2.0	2.0	0.05 0.06 0.02	0.02 0.03 0.01									DE	EGREE OF ALTERATION AND MINERALIZATION

n (	pyritization	mineralization
2	FeS 2	l· cu

	Ē		<b>Z15</b> "	crystallized gypeus veinlet, width 7 m		12			対応	799	76 78	2.0 2.0	2.0	0.40	0.56	(約) 後回:			「割食	物物	5.80		
8	20	<u> </u>	<u>∠50°</u> , ∠35°		1 (2) 1 (2) 1 (2)	新ため				900	80	2.0	2.0	tr.		<b>(0.01</b>	0.07	(0.01	2.20	<b>(0.1</b>	3 1 1 5	须	
	Ē	<u> </u>	~,~	crystallized gypour veinlet spall chalcocite-quartz veinlet	「開始	90 X 30				801 802	82 64	5°0	2.0	0.06	(0.01 (0.01						4) (P) 2 (P)		
	-	<u>``</u>		A serve charged the desire advente					x 3	803	86	2.0	2.0	0.02	(0.01							100	
90		<b>`</b> `								804 805	88 .90	2.0 2.0	2.0 2.0	C.01	(0.01	10.02		-				с. 19	
		2		4	0.00		G			606	92	2.0	2.0	tr. 0.01	<0.01 <0.01	(c. 01	1.1					10 10	e Antonio Antonio Antonio
	ľ	^ ~	•	biotite porphyry						607	94	2.0	2.0	0.02	<b>(0.01</b>	•						1. 1. 1. 1. 1. 1. 1. 1. 1.	
	ŀ	^_1	11		1	5				808 809	96 98	2.0 2.0	2.0	0.02	0.03 (C.01						2 - 2 		
<u>⊨</u> ∝	ᆈ	<u>,</u>								810	100	2,0	2.0	0.02	K0.01								and and a second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s
-		<u>`</u>		· · · · · · · · · · · · · · · · · · ·		14. V				615 811	102 104	2.0	2.0	0.02	K0.01 K0.01							1. 10 C	
05			~60°		100					813	106	2.0	2.0	0.02	0.01		-					1. 1. 200	
	<u>,                                     </u>		<u>~</u> 70°	•						814 815	108 110	2.0	2.0 7.0	0.04 0.04	(0.01	20.01		10.00	~ -	1		1917 1917	· 逸. 治
				gruy, muds tone		NES.				816	112	2.0	2.0	0.01	(0.01	20.01	. 0.02	(0.01	2.72	ζ0.1	4	a sa sa sa	
- ii		0.000	_40 <sup>0</sup>	slumping sandstone						817 610	114	2.0	2.0	0.04	K0.01							2. A.	
116										819	116 118	2.0 2.0	2.0	0.04	(0.01 (0.01		-						
120	<u>, e</u>					200 (199 200				620	120	2.0	×.	0.04		<0.01					•	1.11	
23	ŀ.	Δ Δ	2	brecciation zone	·					821 822	122 124	2.0 2.0	1.1	0.01	<0.01 <0.01	1						-	LEGEND
			<30°	mulatone		20120	2			823	126	2.0	2.0	0.02	(c.01								Mudstone
130	204	2 4	<b>∠</b> 30°			1				824 825	128 130	2.0	2.0	0.04	(0.01	(0.01							Sandstone
	· 1	1 A 4 4	:	tuff breccia						826	132	2.0	2.0	C.06	<b>(0.01</b>			1				 	Tuff. Lapilli tuff.
ſ	Ī			fine grained tuff		記録				827 828	134 136	2.0 2.0		0.05 0.06	<0.01 <0.01	1		1		• •			Rhyolife
	<b>.</b>		∠60° ∠30°	mudatone		N. C. P.	11			829	138	2.0	1	0.04	(0.01							·	Porphyry biolite p quartz - 1
	0.0			tuffaceous sandstone and sudstone	1 25					630 831	140 142	2.0	ŀ	0.06	E.	<0.01	0.02	<0.01	1.58	<0.1	<1		A A Brecciption
		- (- <u>-</u>	<u>_200</u> 0	alternation						832	144	2.0 2.0		0.07	(c.01								∠30 Inclination of plane
	1.11		•	medium grained silicified sandstone		1. 200 1.		1		633	146		2.0	0.07	C.02						· ·		t bedding plane
150	20				- 1 0	×				834 835	140 150	2.0 2.0	2.0	0.01	0.01	(0.01							
				sandatone with alumping mudstone		1000				836	152	2.0		0,05	0.02	Ì		1					
			400		1.00	1 37 V		e .		837 838	154 156	2.0 2.0	2.0	0.06	0.03	i i							DEGREE OF ALTERATIO
16			_15°	• •	2	1.44	신고			839	158	2.0	2.0	0.04	(0.01							2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	argittization silicit
			_10°			龍を		<u>ار ا</u>		840 841	160 :162	2.0 2.0	2.0	0.02	0.01	<b>(0.01</b>				in the second			fresh < 5
20 SA 20 SA	<u>_</u>		15, 17, 18 22, 19 24, 19	na se an an an an an an an an an an an an an			100 C			E42	164	2.0	3.5	0.04	(0.01	din de la Cipación de la							
61										643 E44	166 168	2.0	2.0	0.05	(0.01 (0.01								weak 55 ^
	201	2000 2003	< <u>15</u> °	muddy patches			- -	_ _	<u> </u>	C45	170	2.0	2.0	0.05	20.01	(0 <b>.01</b>	0.02	0.01	C. 32	(c.1	4		medium   65 ~
	10.22			•						846 647	172 174	5°0	2.0 2.0	0.02	(0.01								strong > 8
			<u>∕</u> ∞°	,						248	176	2.0	2.0	0.04 0.06	K0.01								
		ingit. Santa	<u>_</u> 20⁰	muddy patches zone, w : 10 cm						849 850	178	2.0	2.0	0.09	(0.01	(							X fresh unaitered
	10.4		<15°	<u>,</u>			1			851	160 182	2.0 2.0		0.02 0.06	Kc.01	<b>₹0</b> ,01				ļ			weak : parts a into cla
	1.1		<b>⊢</b> 200		1					852 853	164 166	2.0		0.11	(c.01						•	1.	into cla; medium: almost
			0						.	854	168	2.0 2.0	2.0	C.06 C.C2	(c.01 (c.01								changed
194	20	<u></u>	<10°	······································		+				855	190	2.0	2.0	0.06	(0.01	<b>⟨0.</b> 01							strong i not only fel mass c
	14-14-1			podium grained sands tene						956 857	192 194	2.0	2.0	0.09	(0.01 (0.01								
				,						358	196	2.0	2.0	0.06	(0.01								
20	00			· · · · · · · · · · · · · · · · · · ·						259 260	198 200	2.0	2.0	0.04	(0.01 (0.01	(c.01	c.06	(0.01	1.94	(0.1	a		ABBREVIAT
		~		:						861 862	202	2.0	2.0	0.05		ſ		ľ			<b>`</b>		arg, Argillizatio
0	; : ; :		^	alumping zone with perphyry fragments	30-33		i			863	204 206	2.0 2.0	2.0 2.0	0.17 0.06	(0.01 0.04								sil. : Silicifica
· ·	0.0		25°	quartz-pyrite voinlet, width 10 nm slumping zono, width 20 cm						264	209	2.0	2.0	0.04	(c.01		1						py Pyritizatio
	- T - T - T			slumping zone with muddy patches		╎╎			††	865 866	210 2 <b>12</b>	2.0	2.0	0.02	(0.01					1			kao Kaolinitiza
<b>_</b>		÷				λ1	·;			867	214	2.0	2.0	tr.	20.01								ser Sericitizat
	2 - N			argillized shearing zone		γľ				868 869	216 218	2.0	2.0	1.D. C.C6	(€.€1 €.€1							-	ch Chloritiza
22	90	<u>) i.:</u> . i.i.:					-!		┼╀	870	220	7.0	2.0	c.03	0.01	<0.01	.						alu Alunitizati
	1.12		< 70°	conditions and muddy alternation modium grained sandstone						371 672	222 224	7.0 2.0	2.0	0.04	(0.01 (0.01								c.c.p. : Chalcopyri
			<90° ≥40°	Disanda Annanaata						873	226	· 2°0	2.0	C.04	(C. 01							- 2	c.c Chalcocite an Enargite
23	00									874 075	228 230	2.0 2.0	1	C.05 C.01	(0.01	10.00	6.00	Kc.01	1. 72	Ze.1	1.		dis. Dissemina
				candatono and shale alternation			1			376	232		2.0	0.02	(0.01	~~~~ L		P	1 4 12	1.00 A	4		v. Veintet
34			∠%°	slupping and shearing zone			i			077 876	234 236		2.0	0.06	0.02		1						w Width
							- <b>1</b> .			879	238	1	2.0	0.04	K0.01		1						
	<u>, , , , , , , , , , , , , , , , , , , </u>		-350		_ -	i				- 980 881	240 242	1	2.0	0,02	0.01				1				
				slumping zone (shale and mudstone)						082 681	242 244	2.0	2.0	0.02	(0.01 (0.01		1 .					1 X V	· ·
<b>[</b> *:		ر <u>دا</u> دې د کې	40°	•			I	.		683	246	2.0	1	0,04	<0.01			1		ĺ	ŀ		j da
29	00		<u> </u>	nodium grained sandstone	-	Ľ				804 865	245	- 2.0 2.0	1	0.01	(c.01	<0.01						<u> </u>	
2:	51.4	2023	<b>2</b> 30°	And mine inter the	15	N.	. I			1005	0.9	2.0	1.	1			Į.,	1 -	<u> </u>	<u> </u>	1.	Į.	ļ,

Tuff breccia,

e-biotite porphyry orphyry biotite porphyry

structures,

intrusive boundary, etc. )

# ON AND MINERALIZATION

fication	pyritization	mineralization	
cian an	S 1 % S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2 S 2	< 0.2 %	
~ 65 %	1~5%	0.3 ~ 0.5 %	
~ 80 %	5~10 %	0.6~09 %	
80 %	> 10 %	> 1 %	

of feldspar phenocrysts changed ay minerals. all the feldspar phenocrysts into clay minerals eldspar phenocrysts but also groundchanged into clay minerals (by field observation)

4

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CO CLEAR ST	structure	2 S I 2	10 L			SAA	160	2.0	2.0	0.04	(c.01		2. 77	22. 6786	199		1.1	4.35		2.9	×	<u></u>	
100 - 15	muddy patches				2	644 645	170	2.0	2.0	0.05	(c.01	0.01	0.02	(0.01	0.97	(0.1	2		和高兴之	1. N. 1.		mediu	m   65 ~
	•					846	172	2.0	5*0	0.02	<b>(0.01</b>					a en este	$\left  \right\rangle$	<b>通</b>		出	·		
						647 646	174	2.0	2.0	0.04	K0.01				ſ							strong	>1
72.7 _ 204	Buddy patches zone, w : 10 cm		(注) [注]			849	176 178	2.0	2.0	0.06	(0.01 (0.01			i i									
180 0					-	850	180	2.0	2.0	0.02	Kc.01	40.01	1			1.1	÷		je Na slavenskom staren se slavenskom se slavenskom se slavenskom se slavenskom se slavenskom se slavenskom se slav Na slavenskom se slavenskom se slavenskom se slavenskom se slavenskom se slavenskom se slavenskom se slavenskom		fresh	:	unaltered
215 <sup>°</sup>	) 	- Li				851	182	2.0	5*0	0.06	Ke. 01	[		l	i-						weak	:	parts a
····· 20						852	184	2.0	2.0	0.11	K0.01		1				1				mediu	. m ·	into cia almost
<u>_</u> 20 <sup>6</sup>	(					853	186	2.0	2.0	C+06	K0.01	:						а. С.			meatu	ım.	changed
190 0		1.8				854	168 190	5•0 5•0	2.0	0.02	(0.01	1					- 1				\$tran;	a :	not only fel
10	•		18			556	192	5.0	2.0 2.0	0.06	K0.01 K0.01	20.01							4				mass c
	nodium grained wands tone			_		857	194	2.0	2.0	0.04	(0.01												
						358	196	2.0	2.0	0.06	(0.01						· · .	20					
200.0						859	176	2.0	2.0	0.04	0.01						ł						BREVIAT
	•				<u> </u>	660	200	2.0	2.0	0.05	K0.01	(0.01	0.06	Ko.01	3.94	<b>(0.1</b>	1/1					AC	BREVIAL
						861 862	202 204	2.0 2.0	2.0	0.05	(0.01	ľ	•								arg.	:	Argillizatio
05.2	alumping some with porphyry fragments	<b>30</b> = 1			j	863	206	2.0	2.0	0.06	0.04								5.14 S. (1997)		sil.	:	Silicificat
} <u>, ~</u> , <b>∠</b> 75`	• • • • • • • • • • • • • • • • • • • •				1	864	208	2.0	2.0	0.04	(0.01			ļ						•	PY.	:	Pyrifizatio
210.0	slumping sono, width 20 cm					865	210	2.0	2.C	0.07	(0.01					i i							•
212.	slumping some with muddy patches					566	.212	2.0	2.0	0.02	(0.01		l		1.		].	12点。	1.1		kao		Kaolinitiza
	angitt(and abouting and	$ \lambda $				867	214	2.0	2.0	tr.	20.01		[		1		- I	×			ser.	:	Sericitizat
	argillized shearing zono	- [ V	<b>图</b> 上			865 869	216 218	2.0	2.0 2.0	3.D. C.C6	(e.c1		ļ	l	1	1			e a N		¢h.	1	Chloritiza
2200	· · · · · · · · · · · · · · · · · · ·					670	220	2.0	2.0	0.00	0.01	(0.01	1.			1			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		alu.		Alunitizati
20 <sup>0</sup>	sandstone and suddy alternation					371	222	2.0	2.0	0.04	(c.01			1	· ·		ľ				6.C.p.		Chalcopyri
90°	modium and not contained		影	$\left  \cdot \right $		872	224	2.0	2.0	c.06	20.01		[		1						6. C	:	Chalcocite
40	•			4		613	276	2.0	2.0	0.04	(0 <b>.</b> 01	<b>)</b>			1	ĺ					60		Enorgite
2300			· ·	11		874	228	- 2+0	2.0	0.05	(0.01	10.00						14					Disseminat
2255	Sandstone and shale alternation					375 376	230 232	2.0	5°0	0.01 0.02	(0.01 (0.01	C0.01	e.91	Kc.01	1.72	Z0.1	<1				dis. v.		Veinlet
32.2						877	234	5.0	5.0	0.06	0.02	Į		l	1	[							width
					- j	870	236	2.0	2.0	0.04	0.01			1				14 14			•		
22		나무			I.	E79	238	5.0	2.0	0.02	K0.01			İ				9.4					
2000 SX 52 40				-		P80	240	2.0	2.0	0.02	(0.01			.			ľ	43.1					
	slumping zone (shale and mudstone)		損日		ļ	881	242		5.0	0.02	(0.01	{ '	<b>.</b>			<b>.</b>							
45. (200	•					682 883	244 246	2.0 2.0	2.0	0.04	(0.01		1		1	1		. 🕅	and a second second second second second second second second second second second second second second second				
<u>90 ح</u>						804	240 248	2.0	.2.0	C.01	(0.01 (0.01				1		1						
2500	modium grained sandstone	e e				685	250	2.0	2.0	0.06	1.	(0.c1		1	1			1					
	dark gray tuff					866	252	2.0	2.0	0.02	(C.01		Ì	1	1	]	1		A1				
253. 121.7	sheared and partly silicified sandstone				l I	807	254	2.0	2.0	0.04	(0.01					1	-						
						850	256	2.0	2.0	0.05	0.04							•					
200	medium grained candstone (massive texture)					889	258	2.0	2,0	C.04	\$6.01	· .							P.1				
	······································					890 891	260 262	2.0	2.0	0.05	1.	<0.01	0.03	K0.01	3.5B	<b>(0.1</b>	\$	1.50					
						872	264	2.0	1	0.02	(0.01 (0.01		1										
						593	266		2.0	0.06	0.01							ŀ.					
350				1	l i	894	268	2.0	2.0	0.04	Kc.01	,	{	ţ		ļ			2014 2017 2014 2015				
270.0	· · _ · · _ · · _ · · _ · _ · _ · · _ · _ · · _ · _ · _ · · _ · _ · _ · · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · _ · · _ · _ · _ · · _ · · _ · · · · · · · · · · · · · · · · · · · · · · · · · · · / _ = _ · _ = _ · _ = _ · _ = _ · _ = _ · _ = _ · / _ = _ · / _ = _ · / _ = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _ / = _		++		┝┼╸	895	270		2.0	0.01	0.01	<b>\$.01</b>			1				47. 22. <b>1</b>				
						096 807	272			C.04	0.01					1	ľ						
	•					897 898	274 276		7.0	0.01	(0.01		ŀ										
20				1		299	276 278			C.04	0.01	1	1		1	1	1						
200 000 - 200					Ц_	900	280			0.05	0.02	(0.01				· ·			**** **				
203.	slumping zono					901	282	2.0		0.05	0.02	l			1	[		ľ					
203. 95. 27. 2 X					E.	905	284	2,0	1	50.0	K0.01		l	ļ	l	1	l	l.	A.				
304		1				903	266			0.05	K0.01	ļ											
15		1. 1. 10 C				904 905	288 290	2.0	1.4	0.06	0.01	KO.M	0.00	10 -		100	1.		<u>}</u> –				
						906	290			0.05	(0.01 0.01	K0.01	0.01	<0.01	5.52	<b>&lt;0.1</b>	$[\mathbf{Y}]$		С Х.				
20	biotite porphyry fragment : 5 mm	.  -  .   .				907	294	2.0	[	0.05	0.01	1		1	1	ł	<b>}</b> .	1					
20 - JO	ست. د «انتشرو»مد ومرسيومية ومرسيومية المست. ا	100				908	296	1 .	2.0	c.07	0.02	1	1	[		ł		1					
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000 01.	slumping zons			-	<u>⊢i</u> –	910	300	2.0	2.0	0.06	0,23	0.01		1		1			14 14				
지말 가는	Bottom		1		}	1.	1		1	}	1	1	1	1	1		1	۱. ۲					
. [. ].				•		Ī	l				1	1	[			1		l ·	$\frac{1}{2} \frac{d^2}{d^2} = \frac{1}{2} \frac{d^2}{d^2} = \frac{1}{2} \frac{d^2}{d^2} \frac{d^2}{d^2} = \frac{1}{2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} \frac{d^2}{d^2} $				
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310.0	•		Carl	-	ļ	-	l	l	l ·	l	l	ļ	l	l	ŀ	[		1.					
		1. 2.6	12.7.24				1	1	1	1	1	1	1	1	1	1	1 -	3.1	1.0				
				÷.				1		1				1			1	1 A A	*1 = 5 T				

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65 ~ 80 %	5~10 %	0.6 ~ 09 %	
> 80 %	> 10 %	> 1 %	

of feldspar phenocrysts changed clay minerals. all the feldspor phenocrysts ed into clay minerols. nly feldspar phenocrysts but also groundchanged into clay minerals.

(by field observation)

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# IATIONS

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<b></b>	<b>—</b>								,							<i>.</i>		0 <u>5816</u>	<u>`</u>
Cept:	1 5 5	5 Rorticulars		- T	<u> </u>	noitation	Sampi	Depth	Core	semple	of BURMA	Cher		Analysis JAPAN		· · · · · · · · ·	88	A LINE RA	
H	ვო	non core	ari	<b>6</b> 1	P)	/ <sup>DU</sup>	N.		Length	Langth	T-Cu**	T-C4	รด-ตม์	Zn %	As % S % Au %	Ag 4 Fes			GEOLOGICAL
		(kangon formation )				·												MONYWA	
		bandatone																	(PH
9. 10.0	r		┼╢	+			_												
ſ	۷	nagyigon formation h. fine grained tuffaceous mandatone																COR	E LOC
	6	with linemite network																	
20,0		Al					_ C	. 20										DDH	No 1P-2
23.		oxidized sandstone					911 912	22 24	2.0 2.0	2.0 2.0	0.06	0.02	<0.1		C.19	5.4		Total_L	ength 201.0
25.		pale gray fine grained sandstone	V				913	26	2.0	2,0	0.09							1	Sabedoung
27. 23. 30.0	<u>^</u>	260° blotite-quartz porphyry (small dyke)	I				914 915	28 30	5°0 5°0	2.0 2.0	C.05 0.04								-
		pale gray fine grained sandstone with					.916	32	2.0	1.5	0.01				3.46	4.3		Direction	0
							917 918	34 36	2.0 2.0	1,9 2,0	0.04 0.04							Date_of	Logging fr
40,0		20					919	38	2.0	2.0	0.09							Logged	by S MO
40.		245° biotite porphyry	╈		-		- 920 921	40	2.0 2.0	2.0 2.0	C.04 €.04				7.61	5.1			
45.	ĥ	feldspar phenocryst : 10 mm biotite phenocryst : 5 mm	ΙŶ		{		922	44	2.0	1.4	C+04	ŀ							
4ú.		.∠35° muddy patches					923 924	46	2.0 2.0	2.0 2.0	C.18 C.04								ING AGENCY
<u>500</u> 51	( A - A	∠20° muddy patches	┥┥	++		+++	925 926	50 52	2.0	2.0 ?.0	0.09 0.05		< 0. 11			•			TECHNICAL
52 2		20° zuddy layers					927	54	2.0	2.0	C.02	0.02	<b>( (, , , , , , , , , ,</b>		5.71	7.7			SEPTEMB
1		20° suddy patches					928 929	56 58	2.0 2.0	2.0 2.0	0.13 0.40							Prepared by k	AITSUI KINZOKU
60 (			┾┼			╞╌┼	_ 930	60	2.0	2.0	C.06	ŀ							
							931 932	62 64	2.0 2.0	2.0	C 04 C 02	ŀ			4.07	4.2			
6°.	<u>^_</u> _	chilled margin mone	()				933	66	2.0	2.0	0,05								
70 (	ĥ	feldspar change to clay minorals	<u> </u>		·		934 935	68 70	2.0 2.0	2.0 2.0	C.01 tr.	ŀ							
	î ^	> biotite porphry (biotite is freah)					936	72	2.0	2.0	0.01		ŀ		• 0.25	5.6		ł	
	Ĺ^	^					937 938	74	2.0 2.0	2.0 2.0	0.01 tr.								
80 0	1	~					939 940	78 60	2.0 2.0	2.0 2.0	0.01 tr.								
8	^ ^	A					941	w	2.0	2.0	0.01	0.01	K 0.01		0.92	3.9			
		fine grained sandstone					942 943	84 1.6	2.0 2.0	2.0 2.0	0+02 C+04								
84. 84. 90 (		40' quartz voinlot					944	EB	2.D	2.0	0.04								
<u> </u>	^ ^		╧	-+-₽		┝━╋╼┸	- 945 946	92	2.0 2.0	2.0 2.0	C.04 tr.				2,89	4.6			
	ĥ۰		()			1	947	94	5•0	2.0	tr.								
	^ ^	feldsjar phenocryst : 10 mm blotite phenocryst : 1 mm	ΙÅ		1 (		948 949	96 98	2.0 2.0	2.0 2.0	C.02 C.02						•		
00		2	┼┤	┼╌╢			950 951	10C 102	2.0	2.0	0.01				•				
	-31-1. 	∠20° muddy patches '		X			952	102	2.0	2.0 2.0	C.01 C.09				3.55	3.7			
		Euddy candstone					953 954	106 108	2.0 2.0	2.0 2.0	0.C2								
00		Z45° biotite porphyry			+		- 955	110	2.0	2.0	C.02								
	ĥ,						956 957	112	2.0	2.0 2.0	tr. (,01	K 6.01	< 0.01		0.36	3.4			
	Ê ^	sandstone xenelith : 60 zm					958	116	2.0	2.0	tr.								
120 0							959 	118 120	2.0 2.0	2.0 2.0	- tr.								
	Ê^	nutolith ; 70 mm					961	122	2.0	2.0	tr.				0,34			LEGE	ND
	î, ^	biotite phenocryst : 10 mm					962 963	124 126	2.0 ?.0	5•0 5•0	tr. tr.							Mudstone	:
130 0	- ^						964 965	128 130	2.0 2.0	2.0 2.0	tr. tr.							Sandston	e
	^	~					966	132	2.0	2.0	tr.				c.16	3.2		Tuff. 1	Lapilli tuff.
ĺ	<u>م</u>	hormblende bistite porphyry					967 968	134 136	2.0 2.0	2.0 2.0	0.01 0.01							Rhyalite	
	[~ ^	^ <b>.</b>					969	138	2+0	2.0	0,01							A Porphyry	biotite por quartz — bio
	^	biotite phencerysts 4 - 5 nn		-	+		970 971	140 142	2.0	2.0	0.01 0.01	K0.03	< 0.01		C. 16	3.7		🛆 🛆 Brecciati	
Í	^^						972	144	2.0	2.0	0.01							∠_30 Inclinatio	on of plane
1:	^ ^	Normolonde prenderyst: 2 = 2 mm					973 974	146 148	2,0 2,0	2.0 2.0	tr. 0.02							(bedd	ing plane,
150_1	^^	<u> </u>	┨┻		+	+	975	150	5.0	2.0	0.01	ļ	l						
	<u>م</u>						976 977	192 154	2.0 2.0	2,0 2,0	0.01				0,18	3.5		DEGREE OF	ALTERATION
	^ ^	∧. 75° quarts vein, width 5 cm	1				978 979	156 158	2.0	2.0	6.01 0.62								×
160.0			- -Å	┿╢			- 990	160	2.0 2.0	2.0 2.0	0,01 0,05							argittiz	
L	Ł۵	<u></u>	<u>1 Y</u>				581	162	5.0	2.0	C.07	L			3.96	7,	1	fresh	< 55

<u>PL I-8-15</u>
CAL SURVEY OF UNION OF BURMA (PHASE II)
OG and ASSAY
-2(LN3) · Sheet !
1.0 Core Recovery 97.1%
aung South Elevation 98.0 m
Inclination — 90°
from 28.2.74 to 7.3.74
MONONOBE,
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AL COOPERATION AGENCY JAPAN
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ZOKU ENGINEERING SERVICE CO. LTD

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enda — bictite - porphyry • porphyry • — biotite porphyry

ane structures,

intrusive boundary etc. }

# TION AND MINERALIZATION

licification	pyritization	mineralization
SiO <sub>2</sub>	FeS <sub>2</sub>	Cu
< 55 %	< 1 %	< 02 %

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	· · ·				938	76	2.0	2.0	tr.	· I	!	ļ			I	
800			_	_	939	78 80	2.0 2.0	2.0 2.0	0.01 tr.		1					
83.5	∠30°				941 942	82 84	2.0 2.0	2.0 2.0	0.01 0.02	0.01	( 0.01		0.72		3.9	
86.9 80.1	fine grained sandstone				943 944	56 83	2.0	2.0 2.0	0.04 0.04				-			
<u>900 ^</u>	Z40' quartz veinlet				L  945	90	2.0	2.0	0.04							
· · · ^	biotite porplyry	$\left  \left( \right) \right $	Ϋ́Ι		946 947	92 94	2.0	2.0 2.0	tr. tr.				2,89		4.6	•
	feldspar phonocryst : 10 mm	XI			948 949	96 98	2.0	2.0 2.0	C.02 C.02							
01,7	biotito phonocryst : 1 mm		-	-	. 950	100	5.0	5*0	0.01				3.55		3.7	
	∠20° muddy patches ∠70° quartz veinlet	Į	X		951 952	104	2.0	2•0 2•0	0.01 0.09				2.27		201	
0	25° muddy pandstone 210° quartz voinlet 245° biotite porphyry				i 953 954		2.0	2.0 2.0	0.02 tr.							
110.0	Z45° biotite porphyry biotite phenocryst (fresh) : 7 m					•	2.0 2.0	2.0 2.0	0.02 tr.	<b>(</b> 0.01	< 0.01		0,36		3.4	
Ĩ [^^	feldspar phonocryst 10 mm mandstong genolith : 60 mm				957	114	2.0	2.0	0.01			1				
<u>^</u>	245° quartz veinlet				958 959	118	2.0	2.0 2.0	tr. -		•	Ì				
120.0 ^	autolith ; 70 mm				960 961		2.0 2.0	2.0 2.0	tr. tr.				0.14			LEGEND
	· · ·				962 963	1	2.0 2.0	2.0	tr.							Mudstone
[^ _	biotite phenocryst : 10 mm sutolith				964	128	5°D	2.0	tr. tr.							Sandstone
130.0					965 966		2.0	2.0 2.0	tr. tr.				C.16		3.2	Tuff, Lapilli tuff, Tuff breccio
^^	hernblende biotite porphyry		1		967 962	F	2.0	2.0 2.0	0.01 0.01							
- 140.0 ^ ^					969	130	2.0 2.0	2.0	0.01 C.01					· .		A Porphyry biotite porphyry quarz – biotite porphyry .
^	- biotite phonocryst: 4 - 5 mm				971	. 142	2.0	2.0	0.01	<b>(0.</b> 01	< 0.01		C.16		3.7	
	feldspar phenocryst: 5 - 7 mm				972		2.0 2.0	2.0 2.0	0.01 tr.							∠_30 Inclination of plane structures. { bedding plane, intrusive boundary etc.)
130.0	hornblendo phenocrynt: 2 - 4 mm				974 975		2.0	2.0 2.0	0,02 0.01							t southing plane, mittanne pounday, sit (
l î ^					976			2.0	0.01 0.01				0,18		3.5	DEGREE OF ALTERATION AND MINERALIZATION
^^	1	1			971 972		2,0 2,0	2.0	0.01							*
160.0	275° quartz vein, width 5 cm	<u> </u>			979		2.0 2.0	2+0 2+0	0,01 0,05							argittization silicification pyritization mineralization SiO2 FeS2 Cu
	· ·	ΙY			961 982	1		2.0	C.C7 C.18		ł.		3.96		7.5	fresh < 55 % < 1 % < 02 %
	1 .		ļĮ		93;	5 166	2.0	2.0	0.0L							weak 55 ~ 65 % 1 ~ 5 % 0.3 ~ 05 %
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·    ^^	autolith ,				99 99		1	í	0.05 0.02				0.90		5.6	into clay minerals, medium, almost all the feldspar phenocrysts
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^ /	45° chloritized blotite porphyry	Ĭ			99 99	9 198	5.0	2,0	tr. 0.02	ļ						ABBREVIATIONS
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176. 176. 180.		<u>∧</u> ∧ ∧ ∧	<pre>silicified blotite porphyry  'quartz voinlet' autolith blotite phenocryst : 5 mm feldspar phenocryst : 7 mm</pre>			98 96 99 99 99 99 97 99	9 178 0 100 1 102 2 184 3 185 4 108	2.0 2.0 2.0 2.0 2.0 2.0 2.0	2,0 2,0 2,0 2,0 2,0 2,0 2,0					0,90		5.6	medium almost all the feldspor phen changed into clay minerals.
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COOPERATION AGENCY

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ł	^	2358	pyrite vein	121	<u> </u>					¢.	1043 1044	144 146	2.0	2.0	0.64	0.22		•				4.9	
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1	~ 1	≤75°	sheared zone, width 20 cm kaolin veinlet	the second		0.00		ł	1	ļ	1048		2.0	2.0		0.02							
	्री	270 <sup>0</sup>	pyrite voinlet		- North	Section of the	1		100		1050	158	2.0	2.0	Sec. As	0.D9		, 1	<b>.</b> .	i Kati	The	1	
60.0		<u> </u>	and the second state of the second second second second second second second second second second second second	*1: 38	<u>8</u>	96) 1 - 1	-94 	╢			1051	16D 162	2.0	2.0	!	0.09	(0.01	1					-
ļ	^		altered biotite porphyry		10 10						1053	164	2.0	2.0	1	0.64				1			
ł	^		vertical ciay veinicts								- 1054 - 1055		2.0	2.0		0.02							
<u>70.0</u>	$\dot{\sim}$	-			1		-	_	_	+	1056	1%	2.0	2.0	0.05	o.a	.						
. 1		200	pyrita vein argillized voinletz		÷ ,	(		Ŷ			_ 1097 _ 1056	172	2.C	2.0		0.02	<u>(0.01</u>						
	^		altered porphyry		<b>§</b> :				ľ		1055	176	2.0	2.0	0. 0	r c.04							
80.0	<u>^</u> ]	<i>c</i> ;c°	pyrite voin					l			. 1060 1061		2.0	4	C.15 C.05	0.10 0.07	.	.	.	.	.		
	^`	<b>∠</b> 50°	pyrite veinlet argillized parphyry								- 1062		2.0	2.0	C.04	C.03	<0.01	<0.01	<0+0	4 2.6	4 <0.	1 <1	
	٦ م	0	biotite phonocryst 4 mm feldajar phonocryst 7 mm		ł						- 1063 - 1064		2.0	1 ·		0.01 0.01			1				
190.0		∠70° ∠70°	quartz pyrite voinlet							I	- 1065	1	2.0		· ·	0.02							
	~			$\uparrow$				1		Ţ	- 106 - 106			1	1 .	0.02			1				
	^	_	pyrite-quartz voin, width : 10 mm								_ 106		2.0	1									
	<u>~</u> · ~	<b>∠7</b> 0°	feldspar phonocryst 8 mm biotite phonocryst 5 pm							İ	- 107	190	2.0	2.0	0.05	0.01							
200.0		270°	pyrite-quartz vein			-		-	+		107; 107;						1						
	<u>^</u>		<del>-</del>		-	<sup>,</sup>					107	204	2.0	2.0	0.02	<b>0.</b> 02		1				1	
	^		•							ļ	107			2.0									
210.0	~	~60°	high silicified porphyry with pyrite ve	10	1-		$\left  \right $			÷.	- 107	6 210	2.0	2.0	0.13	C.19	•			•			
		-coU	pyrite net work					ľ		Y	107 107	1	1			4		; <b>(</b> 0.0)	0.	03 13.1		.1   1	10
	•	<*5°								İ	- 107			1									
220.0	ſ		pyrito veinlet net work		$\downarrow$	ļ		4	$\square$		- 108 - 108	1 220		2,0	0.12	0.07							
	î ^	225°	biotite phlogopite							i	- 108							1					
	۲ ^	Į									- 108	4 226	2.0	2.0	0.02	0.02							
2300	h _	<60°				Ŀ					- 108 - 109				1 1				1				
	<u>م</u>	250	feldspar phonocryst : 10 mm	-			R	$\left[ \right]$	Л		_ 108	7 232	2.0	2 2.U	0.02	0.01	<0.01	.					
	~ ^	<75°	biotite phenocryst : 5 cm bigh milicified biotite porchyry				Ý				_ 106	1 -					1						
	į ^	1	altered blotits porphyry								- 109	0 236	2.0	2.0	0.51	D. 49							
240.0	<u>^</u>		- <u></u>			4 4					109						1	10.0	1 (0.	01 6	12 20	a zi	1
	1 15 F 3	1	· 《新闻》:"你愿意来了了,你们不知道?"	e 41.		18	ar 🗋	12	ı İ	ı E	TI***	- I - 75	. I''	·   **'	1.1.1.1	1		1	<b>`</b> _'		- n*	<b>`</b>	2

	LEG	END			
	Mudsto	ne			
. í	Sandst	ione			
2	Tuff.	Lapilli	tuff,	Tuff	breccia,

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	Mudstone	
	Sandstone	
"0"4"A	Tuff. Lap	illi toff,
	Rhyolite	
^ ^	Porphyry	hornblende biotite po quartz — bi
4 4	Brecciption	40012 - 01

(	bedding	plane,

# DEGREE OF ALTERATION AND MINERALIZATION

63.2	argillization	slicification,	pyrifization	, mineralization
e reserve e	fresh	< 55 %	FeS3 < 1 %	Cu < 0.2 %
	weak	55 ~ 65 %	1~5%	0.3~05 %
	medium	65 ~ 60 %	5~10 %	06~09 %
	strong	> 60 %	> 10 %	> 1 %
*	int	nts of feldspar o clay m <sup>1</sup>	nerals	
*	weak i pai int medium: ali ch	rts of feldspar o clay mil most all anged into	nerals the feldsp clay mini	ar phenocrysis trais
*	weak par int medium alt ch strong not	rts of feldspar o clay m <sup>1</sup> most all	nerals the feldsp clay mini phenocrysts	ar phenocrysis Irais but also grou

## ABBREVIATIONS

org.	:	Argillization
sil.		Silicitication
PY.	:	Pyritization
kao	;	Kaatinitization
ser.	:	Sericitization
ch.	:	Chloritization
alu.	:	Alunitization
c.c.p.	:	Cholcopyrite
c. c	۰.	Chalcocite
en	:	Enorgite
dis.		<b>Dissemination</b>
٧.		Veintet
w.		Width

4

s—biotite porphyry orphyry biotite porphyry

<u>30</u> inclination of plane structures.

Intrusive boundary, etc.)

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ation

	^  <>>0°	altered biotite porphyry							- 10 - 10	3	164	5.0 5.0	2 <b>.</b> 0	0.12 tr.	0.05	ζ0.01					
- F	^	vortical ciay veintets							- 10) - 10)	· 1	166 160	2•0 2•0		C.C7 C.O2	0.02				n marta. A se se		
170.0	~ 700	pyrite veln			-	┢		-ŀ	10		170	2.0	2.0	0.05 tr.	0.01 0.02	(0.01					•
~ F	<u>^</u>	argillized volnlets		町金属美	Į.		ľ		- 10	58	174	2.0	2.0	0.02	0.02					•	
		altered porphyry pyrita vain	: `}						10	- L -		2.0		C. 07 C. 15	C.04 C.10						
180.0	^	pyrite voinist		3 I) 2	+	+	1		10	61	180	2.0	2.0	0.05	0.07	•		•	•		•
	~	argillized porphyry biotite phonocryst 4 mm						i	10		í (	2.0	· 1	C.04 C.02	C.C3 C.01	<0.01	<b>₹0</b> ₊01	20.04	4.64	<b>(0,1</b>	
		feldopar phonocryst 7 ma							10	· I	185 108	2.0	8.7	0.01	Ć. C1						
190 0		· quartz pyrite veinlet				_	<u> </u>	<u>,                                     </u>	10	1	190	2.0		0.041	0.02 0.02						
	^			5.20					- 10	67 68	192 194	2.0 2.0		0.04	0.01	<b>(0.0</b> 1					
		pyrite-quartz voin, width : 10 cm feldspar phonocryst 8 cm								69	196	2.0		0.02	0.01						
- T	<u>`</u>	biotite phonocryst 5 m .							- 10 - 10	70	193 200	2.0	1	0.05	0.01						
Ţ	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	pyrite-quartz vein			Ī	T	[		- 10	72	202	2,0	2.0	0.04	0,06	(0.01					
	~								-10 -10	· •	204 206	2.0 2.0		0.02	0.02		1.				
210.0	^	high silicified perphyry with pyrite vei	n						- 10	75	208	5.0	2.0	0.02	0.01						
	~ <50	pyrite not work				:	1	6		76	210 212	2.0 2.0		0.13	0.19 0.50	0.06	, <sup>.</sup> <0.01	• 0.03	• 13.12	• 0,1	
	<b>^</b>								_ 10	70	214	2.0	5.0	0.06	0. 0G						
	^^ <del>-</del> 85°	pyrita vainlet not work		1.5 A.M.	$\Lambda$		Å		_10 _10	79 80	216 218	2.0	5°0 5°0	C.07 C.OG	0.05						
220.0	<u>~ ~   · ·</u>		$\mathbf{H}$		$\parallel$	+	$\cap$		- 10 - 10	ध 82	220 222	2.0 2.0	2.0 2.0	0.12 0.17	0.07						
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	blotite phlogopite	·  -	1. A. A. A. A. A. A. A. A. A. A. A. A. A.	$\left  \right $		V		- 10	க	224	5*0	2.0	0.17	0.16	0.01					
	~				1		$\ $		- 10 - 10	ୟ ୧୨	226 228	2.0 2.0	5°0	0.0 <u>2</u> 0.05	0.02 0.04						
2300			_ _		4	+	<u>{}</u> -	-	- 10	86	230	2.0	2,0	0.10	0,10	·					
ľ	^ ====================================				{}		Y			67 60	232 234	2.0 2.0	2.0 2.0	0.02 0.02	0.04	<0.01					
ļ		high silicified biotits porphyry			Y	•				69	236	2.0	2.0	0,10	C. 09						
240.0	~ _	altered biotite porthyry								90 91	238 240	2.0 2.0	2.0	0.51 0.10	0,49 0,11		•				
. F	<u>^</u>	•					-		1	92	242	2.0	2.0	0.02	0.03	0.01	<0.01	<0.01	6.12	< o. 1	
245.		brecciated zone with candotone xenolith							- 10	93 94	244 246	2.0 2.0	2.0 2.0	0.05 0.02	0.04 0.02						
2500		silicified biotite porphyry	.							95 96	248 250	5°0 5°0	2.0	C.02 0.02	0.02 0.02						
<u> </u>	^	-			T	T	Τ		- 10	97	252	2,0	2.0	tr.	0.02	<0.01	,				
254.	<u></u>						11			98 99	254 256	2.0 2.0	2.0	0.05 0.15	0.05						
	 △	brocclated zone					\[		_իւ	∞	258	2.0	1.3	0.24	0,26		1				
	<u>~</u>	fragmenta lo ma			$\dagger$	╈	¥-			01 102	265 265	2.0	1.5	0.10	0.09						
264.	<u>^</u> 40 <sup>6</sup>	chilled margin zone small angular breccia			V					103	264	2.0	2.0	0.05	0.04	1					
	28 70	enall dyke of biotite porphyry pyrite rich zone					1		- 1	104 105	266 268	5 <b>.</b> 0	2.0 2.0	0.05	0.04				.		
2700		0 0 0	+		╢	╉				106 107	270 272	2.0 2.0	2.0	0,10 0,12	0.15	1	10.0	1 < 0.0	1 8.5	(0.	
		o siliaified`biotite-querts porphyrý					ľ		11	106	274	2.0	2.0	0.02	0.03				.,,		
	60	o brecoluted zone					X			109 110	276 278	2.0 2.0	2.0 2.0	0.02 0.03	0.01						
280 0	Δ Δ		_ <u>}</u>	$\left  \cdot \right $	+	-	Ĥ	+	- 1	111	280	2.0	2,0	0.12	0.20	1	1				
		big sandstone xenolith pyrite rich								112 113	282 284	2.0	2.0 2.0	0.15 0.15	0.10						
	Δ	breactated zone								114 115	286 288	2.0 2.0	2.0 2.0	0.12 0.05	0.13	1					
290.0	<u>^</u>	F ·		H		+	╨	ļļ	_ 1	116	290	2.0	5.0	0.02	0.02		1			1	
	<u>^</u>	silicified porphyry		1.0					- t	117 118	297 294	2.0 2.0	1	0.27			0				
	~^	• pyrite quarts veinlot				·]			- 1	119	296	2.0	2.0	e.07	0.09	·		.			
	^	· · · · · · · · · · · · · · · · · · ·					.			120 121	298 300	2.0		0,22		1					
501.3		Bottom			11	T	11			122	501.1	2.0 1.1	1.1	0,10	0.11	0.0	n				
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310,0							-								·	1					
310.0								1	÷. ,						1						
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		fresh	\\	< 55 %	< 1 %	< 0.2 %
		weak	5	5~65%	1~5%	0.3 ~ 0.5 %
Î		medium	6	5 ~ 80 %	5~10 %	0.6 ~ 09 %
ĺ	<u>ן</u>	strong		> 80 %	> 10 %	> 1 %
	m	adium: I	almost	ali	nerals. the feldspa clay mine	
	m	adium: I	almost		the feldspa	
	si		not onl mass		phenocrysts into clay	but also ground minarals.

arg,	:	Argillization			
sil.	:	Silicification			
₽¥.	:	Pyritization			
k 00.	:	Kaolinitization			
ser.	:	Sericitization			
ch.	:	Chloritization		•	
alu.	:	Alunitization			
C. C.p.	:	Chalcopyrite			
Ç. C	З.	Chalcocite			
en	:	Enargite			
dis.	:	Dissemination			
٧.		Veinlet			
₩.		Width			

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Depth	칠로		•	1	Alte	ra l lon	Mine	ralizef	ien		1.		Result	of	Chem		Analysi					<u> </u>		11. X	
(m)	Columnar Section		Rorticulars	arg		\$11	P			Somple N.p.	Dapih m	Cere Length	Sample Longth	BURMA T-Cu	T-Cu		JAPAN	. %		Au 94					
	00		non core			4						Congra	Longin	T-Cu	T-C.	Sol-Cu	<u>Zn</u> /*	A4 /4	5.74	Au ***	A0 "/+	× %			GEOLOGICAL
			whitish gray biotite porchyry with		1									•		1					ľ			MOI	NYWA AREA. U
	h ]		limonitization net work									.				1									( PHAS
10,0	h (1		alunito whitish cruy biotite porphyry			1								}									•		( FRA3
10,0			foldspar alunito			īΤ				ſ															
•	<u>^</u>		hematitization zono feldspar phrnocryst : 7mm					ľ											·				2		DRE LOG
	^		biotite phenocryst : 5m altered phlogapite	į								ŀ										4			
20.0	い		purple biotite porphyry																			Ę		D.D	<u>H No JK-3(1</u>
	F		hematite voinlet	1						]							1				1		,	Tata	1 Laurah 301 C
	<u>^</u>	≤ 70°	hematite veinlet	11																				1010	Length 301.6
	h.1		high homatitization blotite porphyry										-						1					Loco	tion Kyisindaung
30 0	<u>^</u>			Ì		<u> </u>																		Direc	tion O
	^			1						,												į	с.,		-
	<u> </u>		broccia dyke feldapar phenocrystifum													·						,	4	Date	of Logging from
	^ ^		biotite porphyry biotite phonocrypt 15mm			1			•									ļ					•	Logg	ed by S.MON
400	<u> </u>		pyrite											·					Ì	,					
1		50	pyrito homatito hematito veinlot	[		1	1		_					1											
		4 <u>30</u>	breccia dyke			{∦.					ł			1						1		•			
	▲		breceia: biotite perphyry, angular-subangular size 50 cm					0					1									r.		1	MINING AGENCY
500		∠ <sup>75°</sup>	strong altered biotite porphyry			$\Lambda$						1						ļ						OVERSE	
	, <b>,</b>	2 87°	•			:{{)		)[			1	1										- F		GOVERN	MENT OF JAPAN
	î ^					۲,		Ύ						1								- I	÷		SEPTEMBER
	<u>}.</u>	c 65°	sandstono zonolith angular bracola	Ιİ	Í			1		1														Prepared	by MITSUI KINZOKU
60 (			high altered biotite porthyry			1					ŀ												Ţ		
			phoared zone	11	$\left  \right $	_₽						1		ŀ									•		
	~~~~		biotite porphyry (partly porous)	ΙY	/																				
	1		biotito soricito alunitization			3																			
70	<u>^</u>		hematite small veinlet			<u> </u>							i i												
			sheared zone		ς.																	1			
	<u>^</u>				(1)	چا بن <del>ا</del> رد	3		· · ·																
			cheared some		)						1											,			
80	222		foldspar kaolinite			1																			
		< 60 <sup>°</sup>	biotite porphyry biotite henntite feldspar alunite			Ξ¥.																			
	<u>^</u>		beratite-pyrite voin			1													-						
	<b>`</b> ^``		poroun hematitized biotite porphyry biotite-phiogopite							·					ļ										
90	2						_	$\square$			91		1	ļ		1									
	<b>^</b>		partly brecclated biotite porphyry							1123	1		2.0	0.27	C. 74	0.11	20.01	(0.01	£.11	<i>{</i> 0,1	.1				
95.	ĥ.								i	1124	1	1	2.0								~				
	<u> </u>	∠ f0°	breccinted zone pyrite wain, width : 5mm							1125			2.0			ļ	ŀ								
	<u>م</u> ۔۔		light gray biotite parphyry	$\perp$				┞╌╿	_	1126	1		2.0	T								1			
100			pyrite volalot L. Heldamr Chonographts	61.±					1	1126		1				0.03					1				
100.	<u></u>	2 500	pyrite veinlet ( ) [feldnar honocryst;]-  blotile   honocryst;4cm pyrite veinlet,	1 1				λI	1	e			1 5 0	0.15	9.08			1							
100		2 50°	<pre>pyrite volaiet</pre>	1 1		,		$\left  \right $		1129			2.0	0.15			1								
100.		z 50° 2 40°	yrite veinlet, width5mm, fragments (ungular) : 1-2cm	1 1				$\left  \right $		1129 1130	107	2.0 2.0	2.0	0,12 0,24	0.11 0.22										•
		∡ 40 <sup>*</sup>	pyrito veinlet, width5ms, fragments (ungular) : 1-2cm pyrito dissumination pyrito vein, width : 5cm	1 1						1129 1130 1131	105 107 107	2.0	2.0 2.0 2.0 2.0	0,12	0.11 0.22 0.27										
		z 58° ∠ 40° ∠ 35°	pyrite veinlet, widthSem, fragments (sngular) : 1-2cm pyrite dissumination pyrite vein, width : 5cm pyrite vein 2cm high silleified rock:	•						1129 1130	105 107 107 107	2.0 2.0 2.0	2.0	0.12 0.24 0.27 0.05	0.11 0.22 0.27 0.02	(0.01									
		∡ 40 <sup>*</sup>	<pre>pyrite veinlet, widthSem, fractonic (sngular) : 1-2cm pyrite dissumination pyrite vein, width : 5cm pyrite vein 2cm high silleified rock fine grained hard compact allieified roc</pre>	•				$\left  \right $	-	1129 1130 1131 1132 1133 1134	105 107 107 111 113 115	2.0 2.0 2.0 2.0 2.0 2.0 2.0	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	0.12 0.24 0.27 0.05 0.05 0.44	0.11 0.22 0.27 0.02 2.03 6.29										
		∡ 40 <sup>*</sup>	pyrite veinlet, widthSem, fragments (sngular) : 1-2cm pyrite dissumination pyrite vein, width : 5cm pyrite vein 2cm high silleified rock:	•						1129 1130 1131 1132 1133 1134 1135	105 107 107 111 113 115 115	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	0.12 0.24 0.27 0.05 0.05 0.44 0.32	0.11 0.22 0.27 0.02 2.03 5.29 0.25										•
110		∡ 40 <sup>*</sup>	pyrite veinlet, widthSom, fractonic (sngular) : 1-2cm pyrite dissumination pyrite vein, width : 5ms pyrite vein 2mm high silleified rock fine grained hard compact silicified roc with pyrite dissemination high silicified rock	•						1129 1130 1131 1132 1133 1134 1135 1136	109 107 105 111 113 115 115 117 119	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37	0.11 0.22 0.27 0.02 2.03 0.29 0.25 0.39										GENO
110		∡ 40 <sup>*</sup>	<pre>pyrite veinlet, widthSom, fractorie (sngular) : 1-2cm pyrite dissumination pyrite vein, width : 5ms pyrite vein 2mm high silicified rock fine grained hard compact silicified roc with pyrite dissemination high silicified rock white blotite perphyry</pre>	•						1129 1130 1131 1132 1133 1134 1135	107 107 107 111 113 115 117 117 119 121	2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37	0.11 0.22 0.02 2.03 0.29 0.25 0.39 0.29	<b>(0.01</b>	<c.01< td=""><td>6,05</td><td>5. <del>1</del>42</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>LE</td><td>GEND</td></c.01<>	6,05	5. <del>1</del> 42	<0.1	44			LE	GEND
110		∡ 40 <sup>*</sup>	<pre>pyrite veinlet, widthSom, fractorie (sngular) : 1-2cm pyrite dissumination pyrite vein 2cm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breeclated zone (reddish brown)</pre>	•						1129 1130 1131 1132 1132 1134 1135 1134 1135 1136 1137 1136	105 107 101 111 115 115 117 119 120 125	2.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3.0         3	2.0         2.0	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79	0.11 0.22 0.27 0.02 2.03 0.25 0.29 0.25 0.39 0.25 0.39 0.09 1.79	<b>(0.01</b>	<c.01< td=""><td>6.05</td><td>5. <del>(1</del>2)</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>(********</td><td>GEND Istone</td></c.01<>	6.05	5. <del>(1</del> 2)	<0.1	44			(********	GEND Istone
150		∠ 40° ∠ 35°	<pre>pyrite veinlet, widthSem, fractonic (sngular) : 1-2cm pyrite dissumination pyrite vein 2mm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breecisted some (reddish brown) cearse grained biotite por hyry</pre>	•						1129 1130 1131 1132 1133 1134 1135 1136 1137 1136 1139	105 107 101 111 115 115 115 117 120 125 125	2.0       3.0       3.0 </td <td>2.0         2</td> <td>0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02</td> <td>0.11 0.22 0.27 0.02 0.29 0.25 0.39 0.25 0.39 0.39 1.79 3.44 0.05</td> <td><b>(0.01</b></td> <td><c.01< td=""><td>0.05</td><td>Sa (H)</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>Mud</td><td>istone</td></c.01<></td>	2.0         2	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02	0.11 0.22 0.27 0.02 0.29 0.25 0.39 0.25 0.39 0.39 1.79 3.44 0.05	<b>(0.01</b>	<c.01< td=""><td>0.05</td><td>Sa (H)</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>Mud</td><td>istone</td></c.01<>	0.05	Sa (H)	<0.1	44			Mud	istone
110		∡ 40 <sup>*</sup>	<pre>pyrite veinlet, widthSom, fractorie (sngular) : 1-2cm pyrite disamination pyrite vein width : 5ms pyrite vein 2cm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breeclated zone (reddish brown)</pre>	•						1129 1130 1131 1132 1133 1134 1135 1136 1137 1136 1139 1140	105 107 107 111 113 115 117 115 117 120 125 125 125	2.0         2	2.0       2.0 </td <td>0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05</td> <td>0.11 0.22 0.27 0.02 2.03 0.25 0.39 0.25 0.39 0.25 0.39 1.79 3.44 0.05 C.01</td> <td><b>(0.01</b></td> <td><c.01< td=""><td>C. 05</td><td>5.e. (Hz</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>Mud</td><td>istone distone</td></c.01<></td>	0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05	0.11 0.22 0.27 0.02 2.03 0.25 0.39 0.25 0.39 0.25 0.39 1.79 3.44 0.05 C.01	<b>(0.01</b>	<c.01< td=""><td>C. 05</td><td>5.e. (Hz</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>Mud</td><td>istone distone</td></c.01<>	C. 05	5.e. (Hz	<0.1	44			Mud	istone distone
110		∠ 40° ∠ 35°	<pre>pyrite veinlet, widthSem, fractonic (sngular) : 1-2cm pyrite dissumination pyrite vein 2mm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breecisted some (reddish brown) cearse grained biotite por hyry</pre>	•						1129 1130 1131 1132 1133 1134 1135 1136 1137 1136 1139	105           107           107           107           107           107           111           113           115           117           119           120           125           127           129           129           129           129           129           130	2.0         2	2.0         2	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15	0.11 0.22 0.27 0.02 0.02 0.25 0.29 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.39 0.09 1.79 3.44 0.05 0.01	(0.01 0.09	<c.01< td=""><td>0.05</td><td>5.e (H2</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>Mud Sar الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْتِ الْمَالَيْتِ</td><td>istone dstone</td></c.01<>	0.05	5.e (H2	<0.1	44			Mud Sar الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْ الْمَالَيْتِ الْمَالَيْتِ	istone dstone
150		∠ 40° ∠ 35°	<pre>pyrite veinlet, widthSem, fractonic (sngular) : 1-2cm pyrite dissumination pyrite vein 2mm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breecisted some (reddish brown) cearse grained biotite por hyry</pre>	•						1129 1130 1132 1132 1133 1134 1135 1136 1137 1136 1139 1140 1141 1142 1142	105           107           107           107           107           111           113           115           117           119           120           120           127           129           129           129           129           130           135           135	2.0       2.0 </td <td>2.0       2.0   </td> <td>0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.05</td> <td>0.11 0.22 0.27 0.02 0.25 0.29 0.25 0.39 0.25 0.39 1.79 3.44 0.05 5.01 5.00 6.08 0.02 5.07</td> <td>(0.01 0.09</td> <td><c.01< td=""><td>6.05</td><td>5.e.[Hz</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>۲۰۰ Μuc Sar ۲۰۰ ۲۰۰ ۲۰۰ ۲۰۰</td><td>istone Idstone f. Lapilli tuff. olíte</td></c.01<></td>	2.0       2.0	0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.05	0.11 0.22 0.27 0.02 0.25 0.29 0.25 0.39 0.25 0.39 1.79 3.44 0.05 5.01 5.00 6.08 0.02 5.07	(0.01 0.09	<c.01< td=""><td>6.05</td><td>5.e.[Hz</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>۲۰۰ Μuc Sar ۲۰۰ ۲۰۰ ۲۰۰ ۲۰۰</td><td>istone Idstone f. Lapilli tuff. olíte</td></c.01<>	6.05	5.e.[Hz	<0.1	44			۲۰۰ Μuc Sar ۲۰۰ ۲۰۰ ۲۰۰ ۲۰۰	istone Idstone f. Lapilli tuff. olíte
110	> b     > b <td>&lt; 40°</td> <td><pre>pyrite veinlet, widthSem, fractonic (sngular) : 1-2cm pyrite disamination pyrite vein 2mm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breecisted some (reddish brown) cearse grained biotite por shyry pyrite vein, width : 10mm</pre></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1129 1130 1130 1131 1132 1132 1133 1134 1135 1136 1139 1136 1139 1140 1141 1142 1142 1144 1144</td> <td>105 107 107 111 112 115 117 115 117 127 127 127 127 127 127 127 127 127</td> <td>2.00           2.00</td> <td>2.0       2.0   <!--</td--><td>0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.05</td><td>0.11 0.22 0.27 0.02 0.25 0.39 0.25 0.39 0.25 0.39 1.79 3.44 0.05 0.08 0.02 0.02 0.07 5.07</td><td>(0.01 0.09</td><td><c.01< td=""><td>6.05</td><td>5 <b>.</b> (H2</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>۲۰۰۰ Μυά Sar ۲۰۰۰ ۲۰۰ ۲۰۰ ۲۰۰۰ ۳۰۰ ۲۰۰</td><td>istone idstone f. Lopilli tuff. olíte hornblende -</td></c.01<></td></td>	< 40°	<pre>pyrite veinlet, widthSem, fractonic (sngular) : 1-2cm pyrite disamination pyrite vein 2mm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breecisted some (reddish brown) cearse grained biotite por shyry pyrite vein, width : 10mm</pre>	•						1129 1130 1130 1131 1132 1132 1133 1134 1135 1136 1139 1136 1139 1140 1141 1142 1142 1144 1144	105 107 107 111 112 115 117 115 117 127 127 127 127 127 127 127 127 127	2.00           2.00	2.0       2.0 </td <td>0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.05</td> <td>0.11 0.22 0.27 0.02 0.25 0.39 0.25 0.39 0.25 0.39 1.79 3.44 0.05 0.08 0.02 0.02 0.07 5.07</td> <td>(0.01 0.09</td> <td><c.01< td=""><td>6.05</td><td>5 <b>.</b> (H2</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>۲۰۰۰ Μυά Sar ۲۰۰۰ ۲۰۰ ۲۰۰ ۲۰۰۰ ۳۰۰ ۲۰۰</td><td>istone idstone f. Lopilli tuff. olíte hornblende -</td></c.01<></td>	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.05	0.11 0.22 0.27 0.02 0.25 0.39 0.25 0.39 0.25 0.39 1.79 3.44 0.05 0.08 0.02 0.02 0.07 5.07	(0.01 0.09	<c.01< td=""><td>6.05</td><td>5 <b>.</b> (H2</td><td>&lt;0.1</td><td>44</td><td></td><td></td><td>۲۰۰۰ Μυά Sar ۲۰۰۰ ۲۰۰ ۲۰۰ ۲۰۰۰ ۳۰۰ ۲۰۰</td><td>istone idstone f. Lopilli tuff. olíte hornblende -</td></c.01<>	6.05	5 <b>.</b> (H2	<0.1	44			۲۰۰۰ Μυά Sar ۲۰۰۰ ۲۰۰ ۲۰۰ ۲۰۰۰ ۳۰۰ ۲۰۰	istone idstone f. Lopilli tuff. olíte hornblende -
150	*         *	∠ 40° ∠ 35°	<pre>pyrite veinlet, widthSem, fractonic (ungular) : 1-2cm pyrite dissingtion pyrite vein, width : 5ms pyrite vein 2mm high silicified rock fine grained hard compact allieified roc with pyrite dissignmation high silicified rock white biotite perphyry breecisted zone (reddish brown) coarse grained biotite perchyry pyrite vein, width : 10mm brocelated zone pyrite veinlet, width : 4cm</pre>							1129 1130 1132 1132 1133 1134 1135 1136 1137 1136 1139 1140 1141 1142 1142	1055 107 107 111 112 112 112 112 112 112 112 122 12	2.00           2.00	2.0       2.0	0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.05 0.15	0.11 0.22 0.27 0.02 0.25 0.29 0.25 0.39 0.25 0.39 1.79 3.44 0.05 5.01 5.00 6.08 0.02 5.07	(0.01 0.09	<c.e1< td=""><td>C. 05</td><td>5. (H</td><td>&lt; 0.1</td><td>44</td><td></td><td></td><td>Muc Sar U L Rhy A</td><td>istone idstone f. Lopilli tuff. olíte hornblende -</td></c.e1<>	C. 05	5. (H	< 0.1	44			Muc Sar U L Rhy A	istone idstone f. Lopilli tuff. olíte hornblende -
110	>         >	< 40°	<pre>pyrite veinlet, widthSem, fractonic (sngular) : 1-2cm pyrite disamination pyrite vein 2mm high silleified rock fine grained hard compact slicified roc with pyrite dissemination high silleified rock white biotite porphyry breecisted some (reddish brown) cearse grained biotite por shyry pyrite vein, width : 10mm</pre>							1129 1130 1132 1132 1132 1132 1132 1137 1136 1139 1140 1141 1142 1142 1142 1144 1145 1144 1145 1144 1145 1144 1145 1144 1145 1144 1145 1144 1145 1144 1145 1144 1145 1144 1145 1146	102 107 107 107 117 119 119 119 129 127 129 127 129 127 129 127 129 129 127 129 129 129 129 129 129 129 129	2.00           2.00	2         2.0           2         2.0           2         2.0           3         2.0           4         2.0           5         2.0           5         2.0           6         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           7         2.0           8         2.0           9         2.0           9         2.0           9         2.0           9         2.0           9         2.0           9         2.0           9         2.0           9         2.0           9         2.0           9         2.0           9         2.0	0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.05 0.15 0.05	0.11 0.22 0.27 0.02 0.25 0.29 0.25 0.39 0.25 0.39 1.79 3.44 0.05 0.08 0.02 0.07 0.07 0.07 0.07	(0.01 0.09		C. 05	5.90	<0.1	44			Mud Sar """"" Tud L L Rhy A Por A Bre	istone f. Lapilli tuff, olife hornblende – phyry biotite por guarfz – bio cciation
110	*         *	< 40°	<pre>pyrite veinlet, widthSem, fractoric (sngular) : 1-2cm pyrite disamination pyrite vein and the second pyrite vein and the second pyrite vein and the second pyrite vein and the second second fine grained hard compact allicitied rec with pyrite dissemination high silicitied rock white biotite perphyry breecisted some (reddish brown) cearse grained biotite perphyry pyrite vein, width : 10mm brocelated some pyrite veinlet, width : 4rm high ellicitied hard compact perphyritic</pre>							1129 1129 1130 1132 1132 1133 1133 1134 1135 1137 1140 1147	102 102 107 107 107 117 119 119 129 127 129 127 129 127 129 127 129 129 127 129 129 129 129 129 129 129 129	2.00           2.00	2         2.0           2         2.0           2         2.0           2         2.0           1         2.0           2 <t< td=""><td>0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.15 0.15 0.15 0.15 0.15 0.15</td><td>0,11 0,22 0,27 0,02 0,02 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,03 0,02 0,00 0,02 0,00 0,02 0,03 0,02 0,03 0,02 0,02</td><td>(0.01 0.09 (0.01</td><td></td><td>C. 05</td><td>5.00</td><td><b>(0.1</b></td><td>44</td><td></td><td></td><td>Muc Sar <math>\begin{bmatrix} 1 \\ 0 \end{bmatrix}_{1}^{2}</math> Tu Rhy <math>\frown</math> Por <math>\triangle</math> <math>\triangle</math> Bre <math>\triangle</math> <math>\triangle</math> Inci</td><td>istone dstone f. Lopilli tuff. olite hornblende – phyry biotite por guartz – bio cciation ination of plane</td></t<>	0.12 0.24 0.27 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.15 0.15 0.15 0.15 0.15 0.15	0,11 0,22 0,27 0,02 0,02 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,03 0,02 0,00 0,02 0,00 0,02 0,03 0,02 0,03 0,02 0,02	(0.01 0.09 (0.01		C. 05	5.00	<b>(0.1</b>	44			Muc Sar $\begin{bmatrix} 1 \\ 0 \end{bmatrix}_{1}^{2}$ Tu Rhy $\frown$ Por $\triangle$ $\triangle$ Bre $\triangle$ $\triangle$ Inci	istone dstone f. Lopilli tuff. olite hornblende – phyry biotite por guartz – bio cciation ination of plane
110	P         >         P         >         P         >         P         >         P         >         P         >         P         >         P         >         P         >         P         >         P	< 40°	<pre>pyrite veinlet, widthSom, fractorie (sngular) : 1-2cm pyrite disanciention pyrite vein, width : 5mm pyrite vein 2mm high silicified rock fine grained hard compact allicified roc with pyrite dissemination high silicified rock white biotite porphyry breecisted zone (reddish brown) coarmo grained blottle porchyry pyrite vein, width : 10mm brocelated zone pyrite veinlet, width : 4cm high silicified hard compact porphyritic rock joint filling pyrite-chalcepyrite veinled </pre>							1129 1130 1130 1132 1132 1132 1132 1132 1133 1134 1135 1136 1139 1140 1142 1142 1142 1144 1145 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147 1146 1147	102 102 107 107 107 107 107 107 107 107	2.00           2.00	2         2.0           2         2.0           2         2.0           1         2.0           2         2.0           3         2.0           4         2.0           5         2.0           5         2.0           5         2.0           5         2.0           6         2.0           7         2.0           7         2.0           8         2.0           9 <t< td=""><td>0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.15 0.15 0.15 0.15 0.15 0.15</td><td>0,11 0,22 0,27 0,02 0,02 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,03 0,02 0,00 0,00 0,00 0,00 0,00 0,00</td><td>(0.01 0.09 (0.01</td><td></td><td>C. 05</td><td>5.95</td><td>&lt; 0.1</td><td>44</td><td></td><td></td><td>Muc Sar <math>\begin{bmatrix} 1 \\ 0 \end{bmatrix}_{1}^{2}</math> Tu Rhy <math>\frown</math> Por <math>\triangle</math> <math>\triangle</math> Bre <math>\triangle</math> <math>\triangle</math> Inci</td><td>istone dstone f. Lopilli tuff. olite hornblende – phyry biotite por guartz – bio cciation ingtion of plane</td></t<>	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.12 1.15 2.79 1.02 0.05 0.15 0.15 0.15 0.15 0.15 0.15 0.15	0,11 0,22 0,27 0,02 0,02 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,39 0,25 0,03 0,02 0,00 0,00 0,00 0,00 0,00 0,00	(0.01 0.09 (0.01		C. 05	5.95	< 0.1	44			Muc Sar $\begin{bmatrix} 1 \\ 0 \end{bmatrix}_{1}^{2}$ Tu Rhy $\frown$ Por $\triangle$ $\triangle$ Bre $\triangle$ $\triangle$ Inci	istone dstone f. Lopilli tuff. olite hornblende – phyry biotite por guartz – bio cciation ingtion of plane
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Lopilli tuff. olife hornblende – phyry biotife porpt guartz bioti</td></t<>	0.12 0.24 0.27 0.05 0.05 0.44 0.32 0.37 0.37 0.37 0.05 0.15 0.15 0.15 0.15 0.15 0.25 0.25	0.11 0.22 0.27 0.02 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.39 0.25 0.34 0.02 0.02 0.02 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.02 0.03 0.03	(0.01 0.09 (0.01		0.05	5,96	<0.1 <0.1				Muc Sar $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ Rhy $\frac{1}{2}$ Rhy $\frac{1}{2}$ $\frac{1}{2}$ Rhy $\frac{1}{2}$ $\frac{1}{2$	istone idstone f. Lopilli tuff. olife hornblende – phyry biotife porpt guartz bioti

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ENGINEERING SERVICE CO. LTD

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Tuff breccia,

biotite porphyry hyry tite porphyry

structures.

ntrusive boundary, etc. )

. N AND MINERALIZATION

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				ahssred zone feldspar —, kaolinite			<u>TOMAN TO</u> TOMENT																			
	80.0	~~~	∠ 80°	biotite porphyry biotite hematite foldspar								Д.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1													
			1.	porous heratitized biotits porphyry	Sec. Sec.							· ·										変要なな				
	90.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		biotite-phicgopite partly brocclated biotite perphyry	203 - St.				1	5-	91												and the second second			
2 2 2	95.9			breactated zone		A MORAN	an Angela An Angela	~ ·	ił	1123 1124 1125	93 95 97	2.0	2.0	0.27	0.24 C.77	0.11	<0.01	<0.01	6.11	<i>(</i> 0,1	्र र					
	1.10		∠ 10°	pyrite vein, width : 5am light gray biotite perphyry pyrite veinlet				34 - 4 24 - 4		1125 1126 1127	99 99 201	2.0	· · ·	0.54 0.29 0.07	0.17 0.18 0.04	· · · ·										
	1.2	Δ	Z 50°	pyrite veinlot, width5mm, frigments (angular) : 1-2cm pyrite dissummation	artistatus economication					1128 1129	103 105	3.0	2.0 2.0	0.15	0.08	0.03										
		<		pyrito voin, width ; 5mm	A States				- 1. i I	1130 1131	107 109	2.0 2.0	2.0 2.0	0.24	1.1		:									
:			2 35	pyrite vein 2mm high silicified rock fine grained hard compact silicified rock		- 12 A				1132 1133	111 113	2.0	2.0 2.0	0.05	2.03	(0.01	•						1. 1. 1.			
·	1 C .	^ ^		with pyrite dissemination high silicified rock						1134 1135	115 117	2.0	2.0	0.44	0.25										•	
	120.0			white biotito forphyry				   	$\mathbf{X}$	1136 1137 1138	119 121 123	2.0		0,37	0.09		<c.01< td=""><td>0.00</td><td>5.96</td><td><b>&lt;0.1</b></td><td></td><td></td><td></td><td></td><td>LEGE</td><td>ND</td></c.01<>	0.00	5.96	<b>&lt;0.1</b>					LEGE	ND
	· ^	Ă.Ă		brecciated zone (reddish brown) coarse grained biotite perchyry					YI	1139 1140	125 127	.2.0			3.44	0.05		0.05	9490						Mudston	e
	130 0	^ ^	∠ 20°	pyrite vein, width : 10mm						1141 1142	129 131	2.0	2.0	0.05	0.01							- 1 -			Sandstor	
		^ & ~~		breccisted zone	12. 36		e C	İ		1143 1144	133 135	2.0	2.0 2.0	0.05	0.02	<b>40.01</b>								۲۵۳ <u>۸</u> ۲	-	
		^ ^	∠ 50°	pyrite voinlet, width : 4nm						1145 1146	137 139	2.0	2.0	0,15 0.12												hornblende — biotite porph y biotite porphyry quartz → biotite porphyry
				high ailicified hard compact porphyritic rock						1147 1148	141 143	2.0	2.0 2.0	0.37	0.23	C.05										•
l		Δ Δ		joint filling pyrite-chalcopyrite veinle						1149 1150	145 147	2.0	2.0 2.0	1 · ·	0.35		ľ								( bed	
	150.0	^ ~~~		silicified perphyry			<u>)</u> ):: ::	$\left  \right $	Ň	1151 1152	149 151	2.0	2.0	1	0,19				•							
				silified porphyritic rock light gray porphyritic rock blotite phenocryst 50mm (light brown)		141 Sec.				1153 1154 1155	153 155 157	2.0	2.0		0.69 0.64		<0.01	0.03	J. 03	<0.1	13			0		F ALTERATION AND N
13 14 -	159. 160.0		s. Verkiti	felndpar phenocrypt 2-4mm				$\left\{ \right\}$		11% 1157	159 161	2.0	2.0	0.0	0.01	1										zation silicification pyrifi
6 <u>7</u> 1		A A A	-148A	fragmonts (angular) : 20mi pyrite dimension			Na Ar		3- <b>1</b> -55	4158 1159	163 165	2.0 2.0	2.0	0.0	1002 01	(c.01	i da dege N	9.6-9.5- 1	DêA	14000	105		1. 1997 - 1997 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 19 1997 -	49 ( <u>1</u> 94) (	() 11 ires 	nha Gali <:55,% a bais 
		^ ^		light gray fine grained purchyritic rock biotite phonocrysts 3-4mm feldapar phonocrysts2-4mm						1160 1161	167 169	2.0 2.0	2.0 .2.0	0.00 0.00									ł		 medi	
	170.0	$\hat{\boldsymbol{\lambda}}$	<b>2</b> 60°	pyrite voin, width : Cgr						1162 1163	171 175	2.5 2.5	2.0	0.0	2 0.03	46.61									51roi	ng > 80 % >
	171.		× 60°	brocciated zono, width 1 40 cm						1164 1165	175 177	2.0 2.0	2.0	0.0	5 C.C1									tL ×	fresh :	ungitered
	180.0		<u>&lt; 50</u> •	pyrite veinlet, width : 4 mm biotite phonogryst : 2-5 m				$\mathbb{X}^{+}$		1166 1167 1168	179 181 185	2.0 2.0 2.0	2.0	0.0 tr 0.0	0.01			(C.01	4.46		2			*	weak :	parts of feldspar phene into clay minerals
			≠ 60° ≠ 30°	pyrite vein, width : 1 mm and bornite pyrite vein pyrite dissemination						1169 1170	105 105 107	2.0	1	0.0	5 C.02		0.01		4.40	0.1					medium:	almost all the changed into clay
	190.0			fine grained hard compact milicified porphyritic rock						1171 1172	169 191	1	2.0	2.1	1 1.47			ļ							strong :	not only feldspar phenoc mass changed inic
	1			licht gray porphyritic rock				Υ		1173 1174	195 195	2.0	2.0	0.3		0.05		İ			1					en en goe (hit
	200 0		280*	pyrite vein, width 10 cm hard compact silicified porphyritis rock	Ŷ	(				1175 1176	197 195	1	2.0	0.0	1 C.:6										۵	BBREVIATIONS
				porphyritic rock light gray porphyritic rock			Л			117.7 1178	201 203	2.0 2.0	1.0	0.0	2 C.03	c.01									arg,	Argillization
		^ ^		dark gray hard compact silicified porphyritic rock			Υ			1179 1180	205 207		2.0	0.0	e.03	;									sil. Py	Silicification Pyritization
	210.0	~	2.70°	pyrito voinlet	- -∮		$\left  \right $	$\left\  \cdot \right\ $		1181 1182	209 211 213	2.0	2.0	0.2	7 O.LB										kao	Kaolinitization
		<u>^</u>	¥ 75*	pyrite veinlet						1183 1184 1185	213 215 217	2.0	2.0	0.1	5 0.11		6.01	0.01	12.37	0.1	4	1			ser. : ch.	Sericitization Chioritization
	220,0		1		-		-			1165	217 219 221	2	2.0	0.0	77 0.08	·  .									alu .	Alunitization
		<b>^</b> ^	1.	biotite rolict 2-4 mm			Y I	Ĭ		1168 1169	223 225	2.0 -		0.0	)5 <b>0</b> ₊06	0,02									сср. с с	Chalcopyrite Chalcocite
	230 (	<u>`</u> ^^	1	licht gray biotite porphyry						1190 1191	327 429	2		0.3	15 0.07 05 0.06		.						-		en : dis. :	Enorgite Dissemination
			1	dirk gray pilicified brocciated rock with			λŢ			1192 1193	251 253	2. 2.	:.0 2.0	t: 0,:	r. 0.01 10 0.03	0.01									v. w .	Veinlet Width
			]	dirk gray milicified breachated rock with fragments (subcouned). string pyritetization						1194 1195	235 237	са З.	7.0 7.0	٥.	19 0 <b>.13</b> 15 0 <b>.13</b>	\$										
	240.0	● A	]	······································						119€ 1197	235 241	·	°.0	e.,	0110		-	.		.						
	246,		]	brecciated pone		1. 18 18 18				1198 1199	243 245		- 2 <b>•0</b>	٥.	07 0.26		5 0.0	0,01	140	с.	1 2			÷		
-	2500	′F_^						. <b>∥</b> .∥		1200 1201	247 249	С. ( 5, (				-	1	1						,		

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hornblende – biotite porphyry biotite porphyry quartz – biotite porphyry

plane structures.

plane, intrusive boundary, etc.}

MINERALIZ	ATION

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X	silicification	pyrifization	mineralization	
	SiOz <:55%	FeS:	Cu < 0.2 %	: An COMA
	55 ~ 65 %	I~5 %	0.3~0.5 %	
	65 ~ 80 %	5~10 %	0.6~09 %	
	> 80 %	> 10 %	> 1 %	
			•	

rts of feldspar phenocrysts changed to clay minerals. • nost all the feidspar phenacrysts anged into clay minerals ronly feldspar phenocrysts but also groundiss changed into clay minerals

( by field observation }

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180 0		: 60" : 50"	pyrite vein, width : Gez brecciated zone, width : <u>ryrite veinlet, width :</u> biotite ph pyrite vein, width : 1 m	, 40 cm						1161 1162	169 171	2.0 2.0	2.0	0.02	0.01			۰. 	5s 		
180.0		50* 60*	ryrite veinlet, width : biotite ph pyrite vein, width : 1 =								175	2.0	2.0		0.03	10 01 1					
180.0		50* 60*	ryrite veinlet, width : biotite ph pyrite vein, width : 1 =			LANE I	1			1163 1164	175	2.0	2.0	0.02	C.02	<b>ζ0.01</b>					
	<u>^</u>	60	biotite ph pyrite yein, width : 1 =	· · · · · · · · · · · · · · · · · · ·						1165 1165	177 179	Sec. 2.	2.0 2.0	0.05	C.C1 0.01	. e - 1	ар — 1 1				
(			pyrite voin. width : 1 =	eneeryst : 2-5 mm	<u></u> ₽₩		1	11		1167 1168	181 185		2.0	tr. 0.02	0.01	(0.01		•	7" ·		
0.001	$\frac{2}{2}$	•	pyrite vein pyrite dis	m and bornite					4	1169	105	- E	2.0	0.02	0.02	(u.ur. (	<b>ζ0.01</b>	(0.01	4,46	0,1	2
(90.0			fine grained hard compact	t silicified itic rock					Å.	1170 1171	167 169	1.11	2.0 2.0	0.56 2.11	0.45	1					
						EU.		╟╫	- <u>Y</u>	1172	191	2.0	2.0	0.93	0.75	•					
	$\sim 1$		light gray porphyritic r	óck				ΎΙ	1	1173 1174	193 195		2•0 2•0	0.31	0.20	0*05					
			pyrite vois, width 10 cm hard compact silicified		∴≬	Įλ				1175 1176	197		2.0	0.07	0.06 0.05						
200.0			porphyritic rack	-		- 森 - 奈	-	-  -	_	1177	159 201		1.6	1.1.1.1	c.03	•					
	2~		light gray porphyritic :	rock		I¥	6 6			1178 1179	203 205	2.C 2.0	1-0 2-0	A 14	C.03	0.01					
	<u>`</u>		dark gray hard compact of porphyriti		₹				· .	1160	207	2.0	2.0	0.02	0.05						
210.0	$\frac{1}{2}$			ie rock			-	╢┼		1181	2039 211	2.0 2.0	2.0	0.24	0.02 0.05	•				.	
	~~~		pyrito voinlet pyrito voinlet							1183 1184	213 215	2.0	2.0	0.17	0.20	0.06	c.01	0.01	12.37	0.1	4
	<u>`</u>				1		-		i	1185	217	2+2 2+2	5°0 5°0	0.15	0.11 0.11					1	
220.0	$\sim$	r	• •	· · · ·			-	╢╌┼		1186 1187	219 221	2.0	3*0 5*0	0.07	0.08 0.04	•		•			
			biotite relict 2-4 mm	1		ΙY		Ϋ́Ι		1188	223	5.0	2.0	0.05	0.06	0,02		• •			1
	2		light gray biotite porpl	.yry						1169 1190	225 227		?•0 ?•0	0.22	0.18						
230.0	^		· · ·							1191	¥29	5•C	<b>1.0</b>	0.05							
·	· ^ ]		dirk gray silicified br			A				1192 1193	231 253	8-0 8-0	े•0 २•0	tr. 0.10	0.01 0.03	0.91					
	<u>م</u>		fragments	(outcouned) .					Ì	1194 1195	255 277	•	2∎0 " 2∎0	0,15	0.15						
240,0			string pyritetization							11%	535	1.	°•0	0.05	e.05				1		
	<u> </u>	•			惊	1. 1950 1. 1950				1197 1198	243 243		:+0 :⊱0	0.07	0.10 0.16	5	0,01	0.01	•	3,1	2
246,	<u></u>		brecclated sone							1199 1200	245 : 247	•	5.40 N 0		0.56 0.52					Ì	
	~ ^		-			an an an an an an an an an an an an an a				1201	249	24) 24 1	2.0 2.0		C.06						
	<u>`</u>		dark gray hard conpact			en te l Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Constant Cons	1.2	$\Pi$		1202	251 253:	•	2.0 3.0	0.05	0.05	c.01					
	^	4 ED\$	porphyritic rock with p	vrite disseminatio	n i					1204	255		0	0.07							
260.0	~ ^	2 70	pyrite voinlet							1205	257 259.	<b></b>	2.0	0,10	0.08						
	· ^ ^									1207 1208	261 263	•	2.0		C.01 C.11	c.03					
				• •			~			1209	265	24.1	5.0	0.07	0.77						
267.			fine grained silicified muddy lay			$ \rangle$				1210 1711	267 269		2.0 ≥.0	0.07	0.05						
270.0		± <i>li</i> •	pyrite veinlet pyrite voinlet, width.				$\uparrow$		- <u> </u> -	1212	* 27 <b>1</b> 275.	<b>*</b> -2	2.0	0.10	6:00	(0.01	(p. 01		6,13	<b>(</b> 0,1	1
. <sup>†</sup>	4 A .	4 25 70	fragmonts : 10-40 mm							1214	275	2.4	2.0	tr. 0.07	0.06		\$0.01	<b>**</b> ••1		- C	
		< 60° < 70°	brenciated posphyry elumping zone sheared zone		.≬	ΙY				1215 1216	277 279		2.0	0.07			ł				
280 C 180.1 181.1	-	475°	sheared zono		10	<u>t</u> k	<b>}</b> +			-1217	. 7 <b>21</b>		2.0	0,13	007		1		-		
283	<b>△</b>	4£0°	fine grained eilicified fragment i brecelated porphyry		11	(  Y	'			12 <b>1</b> 6 1219	28 <b>3</b> 285	). 2.0	1.8		0.04 0.04	1.					
. 87.1	à ^	2054	sheared sone pyrite veinlet		. ∛	郾				1220 1221	207 209	1	2.0		5 0.04 7 0.05		}				
2000				ettleffied	+		╞┼	╢─	╞┼	1222	291	2.0	5•0	0.0	a c.03	. •					
			dark gray hard compact	LITICATING LOCK	14					1223	293 295	2.0		0.0	2 0.02 2 0.02		·				
		<b>4</b> 70 <b>°</b>		4		3				1225	259	2.0	2.0	0.0	a 0.02						1
300 c			·	····		<u>1377</u> 97	╞┼		$\left  \cdot \right $	-12% 1127		1.	2.0	tr tr	0.01						
			Battom					••		1				.,							
			••	•			ġ.			`   <u>*</u>	•		1						1		
310.0	<u>,                                     </u>	1	· · · ·	· · ·		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19			<u> </u>	4											

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	le Bette	<u></u>			tion and the		
		veak		55 ~ 65 %	~ 5 %	0.3 ~ 0.5 %	
	· · · · · · · ·	nediu	Im.	65 ~ 80 %	5 ~ 10 %	0.6~09 %	
	1	tron	9	> 80 %	> 10 %	> 1, %	-
×	fresh		unal	tered			
	weak	:	parts Into	of feldspar	phenocrysts nerois	changed	
	mediu	n:	alma chan	all all aged into	the feldspo clay mine	r phenocrysts rais	
	strong	:	not o mas	nly feldspor s change			
	•				( by fie	id observation	>
		A	BBRE	VIATIONS		•	
	org,	:	Argi	lization			
	sil.	:	siti	cification			
	ру.	·	Pyri	tization			
	kao	:	Kac	linitization			•
	ser.	:	Seri	icitization			
	ch.		Chi	oritization			
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	T.		212	elet Marij	Al. Mineraliza		ja in s	Result	61	Cher	nicol .	Analysis		en en en en en en en en en en en en en e		
Deprin [ [ ] ] [ ] ] ] [ ] ] [ ] ] [ ] ] [ ] ] [ ] ] [ ] ] [ ] ] [ ] ] [ ] ] ] [ ] ] ] [ ] ] ] [ ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ]		Rorticulars -		and the second	Mineraliza Py	tu l	Somole Depth	Core Samp	BURMA			JAPAN	99 99	1971 - M		
1.111 · 3 · 0				्यः इ.स.	P7		Ne. m	Length Langt	T+Cu	- T-Cu	301-Cu*	Zn %	A1 %	s % Au %	Ao 4 For	GEOLOGICAL SURVEY OF
	1.				·											MONYWA AREA. UNION OF BURMA
	- -				,		1									
10,0	<u> </u>	non core vellowish brown coarse grained sandstone	100 A.							1						(PHASE II)
	<i>t</i>	gravels (rellowish brown)	Х		1.1		•								2	
	5	reddish brown conglomorate fragments (subrounded) : 8-20mm reddish brown conglomorate	1.0												а. Т	CORE LOG and ASSAY
	]	canditone with gravels	ile service			•					{	· ·			- K	
20.0		· · · · · · · · · · · · · · · · · · ·	<u>ः । ि</u> ्रा		a~ ,											<u>DDH.No.I.P-3</u> Sheet 1
[; ;	:			Ê.												Total Length 200.6 m Core_Recovery_7.6.5%
	1		1. A.			•		1 1								Location Kyaukmyet Elevation 102.0 m
30.0		· ·	0.4.2													Direction 0 Inclination -90°
			1995													
300	1												•			Date of Logging from 13.3:74 to 20.3.74
	4	compact anndatone reddish brown mudatono	l x	É 1											100	Logged by S. MONONOBE
40.0	<b>₽</b>															
	<b>_</b> 15	core lost mudstone with gravols	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.													
	시 다	muddy mandstone with quartz grain .		[1]	[										4. .75	METAL MINING AGENCY
500		reddieh annly zudstone	民意				_ 50								20	OVERSEAS TECHNICAL COOPERATION AGENCY
51.9		reddish brown fine grained candstone	4		1.5		1319 52	2.0 2.1	0,02	<0.01	< 0.01		0.18	.	2.4	GOVERNMENT OF JAPAN
55.9	25	sandy mydstone with sand layers light gray mudstone					1320 54 1321 56	2.0 1.								SEPTEMBER 1974
	1	light gray sandy nudstons pyrite dissamination				· ·	1322 58	2.0 2.0			ł					. Propored by MITSUI KINZOKU ENGINEERING SERVICE CO. LTD
22:0	<b>2</b> 59			<b>—</b> —	┝╼┠╾┠	1	1323 60 1324 62	2.0 2.1								
		light gray, laminated mudstone		<b>i</b>		-	1325 64	2.0 2.					2.76		5,8	
							1326 66	5*0 3*:								
70.0		•				_i	1327 68 1328 70	2.0 2.0 7.0 1.1								
			12 12				1329 72	2,0 3,1	l tr.				2.62		3.3	
		an an an an an an an an an an an an an a					1330 74 1331 76	2.0 1.1		le e			× 7 -			
		light gray sandy sudstone					1732 78	2.0 2.	1	4	1					
800		light gray fine grained sandstone.		┝╼┇╼┦	┟╌┨╾┼	-	1333 80 1334 82	2.0 2.1		60.01	< 0.01		2.76		2.9	
	1 1 2 5	layers and pyrite dissoniation				1 1	1335 84	2.0 1.		1					<.*3	7
		light gray laminated sudatone with dissoninated pyrite grains				.   [	1336 86 1337 86	2.0 2.1								
89.6		silicified mandatone, width 50cm.				4	1337 86 1338 90	2.0 2.	1							
	<b>2</b> 65*	pyrite wein, width : 20mm					1339 92	5:0 5:0					3.06		3.7	7
		light gray laminated mudatone and sandy mudstone alternation with pyrite grains					1340 94 1341 96	2.0 2.0								
		ryrite dissomiation					1342 98	5:0 5:0								
	<b></b>			- <b> </b> -	┟╌╏━┼	╌┼╾┤	1343 100 1344 102	2.0 2.0					2.96		3.9	
	TI I	laminated mudstone and sandy					1345 104	2.0 2.1	0.02				-			
		sudstone alternation					1746 106 1747 106	2.0 2.1								
110 0	<b>]</b>	1		<b>⊢</b>  _		Ļ	1348 110	2.0 1.0	i tr.				ł			1
							1349 112 1350 114	2.0 2.1		\$C.01	C.01		7-92		3.9	.9
	-	sandstone, width : 20mm		!			1350 114 1351 116	2.0 1.								
120.0	=	gray sendy mudstono				- 1	1752 118	2.0 2.1								LEGEND
			1.	<b>!</b>		ᆟ	1353 120 1354 122	2.0 2.1					4.26		4.3	
23.		light gray sondatone					1355 124	2.0 2.0	0.02							
		light gray mudstone					1356 126 1357 128	2.0 1.					1			Mudstone
130.0	ğ	light gray sandstone					1358 130	2.0 2.								Sandstone
	<b>1</b> '.	light gray mudstone	E				1359 132 1360 134	2.0 1.					2.48		4.	$\frac{[\frac{\mu}{2},\frac{1}{2}]}{[\frac{\mu}{2},\frac{1}{2}]}$ Tuff, Lapilli tuff. Tuff, breccia,
28.	₫ .						1360 134 1361 136	2.0 1.				1				Rhyolite
28.		brecciated rock with canditons framesta					1362 138	2.0 2.1	tr.						.	hornblende - biolite porphyry biolite porphyry quartz - biolite porphyry
400		light gray mudatone		<b> </b>		-;	1363 140 1364 142	2.0 2.0			K0,01		2.94		۹	A A Brecciaton
		biotite (1-2mm) porphyry fragments: 3-4mm					1365 144	2.0 2.0	0.05							30 Inclination of plane structures.
	Ē	light gray mudstone with small fragments					1366 146 1367 145	2.0 2.0		C*05						( bedding plane intrusive boundary etc )
150.0	<b>-</b>	· · · · · · · · · · · · · · · · · · ·			┝╌┟─┤	-i	1368 150	2.0 2.							·	
		dark gray mudstone with allicified rock fragments : 20-40mm					1369 152	2.0 1.0					3.16		3.	
		pyrite fragments : 30x40mm					1370 154 1371 156	2.0 2.1								DEGREE OF ALTERATION AND MINERALIZATION
1500		ailicified gray conditions	100 M				1372 150	2.0 2.0	0 0.02							argillization silicification pyrifization mineralization
160.0			194 (V	<u>ि वि</u>			1773 160	2.0 2.1	) <b>17</b> ,				. A L	<u>a pha b</u> alact	- Alis	SiO 2 FeS2 CU

ation	mineralization
FeS z	· cu
1 47.	100.00

		light gray sandy mudstone					1031 11551	70	2.0	2.0	<u> </u>		[2]S <sup>*</sup> [2]	1994 to 1	7897 F	888 I	્યુક્ટરકારા	<u>19</u> 11-00	äE	
000		light gray fine grained mandatons		<u>新福</u> 定 王成区			1333	<b>D</b> O	2.0	2.0	C.02 C.02									
		light gray dandy sudatone with sand layers and pyrite dissocination					1334	82 84	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2.0	0.02	<0.01	ζ0.01		2.76			2.9		
		light gray lazinated sudstone with dissominated pyrite grains					1336	86		2.0	0.05		1944 - A. 1945 - A.				George - 1997			
8.6	145	silicified sandatone, width: 50cs, with pyrite discomination	<u>्रि</u> 19			11-	1337 1338	88 90	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	2.0 2.0	0.02									
		pyrite vein, width : 20mm light gray laminated mudstone and sandy				ŀŀ.	1339 1340			210 2.0	0:05				3.06			3.7		
		mudatone alternation with pyrite grains					1341	96		2.0	0.02								に、 254 155 155 155 155 155 155 155 1	
	8. 	pyrite dissoniation					1342	1.1	1 t .	2:0	0.02 tr.		[	. [						
		laminated mudstone and pandy					1344	102	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	2.0	tr	ĺ .			2.96		ľ	3.9		
		mudstone alternation		1 7.0			1345		1 11	2.0	0.02				1		[			
,		<b>WING CONF ALCOTACION</b>		( i			1747	108		2.0	÷1.	[								
			1 24 3	2.121.2	$\left  \cdot \right $	<u>i</u>	1348 1349		1 1 1	1.6	tr. tr.	<c.01< td=""><td>&lt; 0.01</td><td></td><td>3-92</td><td></td><td>· [</td><td>7.9</td><td></td><td></td></c.01<>	< 0.01		3-92		· [	7.9		
							1350		2.0	1.3	0.05			ľ.						
	1.7 21 25	sandstone, width : 20mm gray sandy mudstono					1351			1.45	tr.									
2			في المحصول ال	مشا يضاين	$\left  - \right $		1353	120	2.0	2.0	0.02	ļ.			ļ					LEGEND
		light gray sandstone				].[	1354	122 124		2.0	tr. 0,02	ļ			4.26		]	<b>4.3</b>		Gravel
		light gray mudstone	101		1.2		1356	126	2.0	1.4	tr.				ļ	]				Mudstone
00		light cray Sondatone				<u>Li</u>	1357 1358	128 130	1 .	1.2 2.0	tr. tr.	) ·				]		· .		Sandstone
		light gray audstone		( <b>)</b>			1359	132	2.0	1.6	0.02				2,48		ļ	1.	1	Tuff. Lapilli tuff. Tuff breccia,
			- 14 či k	9 I I I			1360 1361	134 136		1.5 2.0	tr. tr.				•					Rhyolite
		brecciated rock with conditions fragment					1362 1363	138 140	2.0	2.0 2.0	tr. 0.02	Į .						, ·]*		hornblends—biotits porphyry Parphyry blatits parphyry quartz—biotits parphyry
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	light gray mudstone					1364	140	1	2,0		(0.01	<0.01		2,94		•	3.		Brecciaton
		biotite (1-2mm) porphyry fragments: 3-4					1365	144	2.0	2.0	0.05								هک 🖌	Inclination of plane structures.
		light gray mudstone with small fragments	a   1				1366 1367	146 143		2.0 2.0	0.02 tr.	0.02				ļ				(bedding plane, intrusive boundary
		dark gray mudstone with silicified rock			+		1368 1369	150	2.0	1	tr.									
		fragments : 20-40mm pyrite fragments : 30x40mm		81 S S S		11	1573	152 154		1.6 7.0	0.05 tr.				3.16	ļ		3.	- 1 - 160 - 1	GREE OF ALTERATION AND MINERAL
110721		silisified gray sandatane		31. Si 3			1371	156 150	2.0 2.0	5.0	0.02					ł				1
0.0 2010 4	20 13 2 4	<u>n an an an Anna an Anna</u> Ta ta ta ta ta ta ta ta ta ta ta ta ta ta		2 94 6 1 1 1 1 1 1 1			1373	160		2.0	tr.			e Maria						argillization silicification pyrifization SiO 2 FeS
		silicified mandatone with mudatone dark gray mudatone bearing pyrite with			家が		1374	162 164	5.0	2.0	C.02						060 i i			fresh < 55 % < 1 %
	a de la composition la composition	rock fragments				음감종	1376	165	2.0	1.2	tr.	se <u>Se</u> re G	( *.							weak 55 ~ 65 % 1 ~ 5
8.1 0.0	<u>∠</u> 30°	black gray redium grained sandstone wit	h i				1377	168 170	F	1.0	tr. tr.		1							medium 65 ~ 80 % 5 ~ 10
		black gray mudstone with pyrite				II	1379	172	2.0	2.0	0.02	< a. 12	<0.01		3.36			5.	4 14	
							1380 1381	1	4	1.7	0.C2 tr.			•						strong > 80 % > 10
8		medium grained silicified sundstane			$\{ \}$		1382		2.0	2.0	tr.	ł							*	fresh 🗧 ungitered -
	1	silicified sandstone	+†			++	1383	180 162	1	2.0	tr. tr.			6	1.78			3.0	· ) o [	weak parts of feldspar phenocrysts
5.		black sudatone with pyrite impregnation			{ {.		1305		2.0	2.0	tr.	Ì		' l	{				1	into clay miněrais. medium: aimost ali the feids
		dark gray medium grained candatone with mud layers					1706	186 183	2.0	1.7	tr. tr.			.		4	4			changed into clay mi
100 1.5	<u> 50°</u>	breceiated rhyolite (white)with	╶┼╌┟	++	┼─┟╴	+ +	1388		2.0	2.0	¢r.	1								strong i not only feldspar phenocrysts . mass changed into cl
4.60		pyrite ore fragments white rhyolite tuff			[ ↓		1789 1390	192 194	2.0 2.0	2.0 2.0	C+C2				2, 90	ł		2.1		that changes into c
7.1 *	ł . –	gray sudstone with tuff					1391 1392	196 198		5*0 5*0	tr. tr.					ł	1		1	
800 0.6		hich silicified breceis flavro-filling barite, leed, zinc etc.	-	╡╌┨╴	<b>   </b> -	<b>⊢</b> ∔	1395		1	2.6	tr.	1			ł	ł			` <b>[</b>	ABBREVIATIONS
t	1	Bottos	(		[		t			1		1			ļ			(		arg, : Argillization
	ł		1	- <b>1</b>	1		1		1	1	<b>i</b> .	(							5 L	sli. : Silicitication
•	1	· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>		1	]		1	[	<b>i</b>	(				ł	ł		»	py Pyritization .
}				T	1		]		1	[		(								kao. : Kaolinitization
	1				1				1	[	ť	{					-		· •	ser. Sericitization
_ · ·	{			<b>.</b>	1		1		1	1	ĺ	{				ł				ch. Chloritization
<u>200</u>	<u> </u>	·····		+	†	+	1		{		[	{			ĺ					alu: : Alunitization
ł	{		1			1	ĺ		{			ſ	[							c.c.p. : Chalcopyrite c.c. : Chalcocite
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500	<b> </b>			- - - -			-1		1	l	(	{	;	•	{	l				dis. Dissemination
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· ·	1			4	{		1				(	ſ			ł					w WTGIB
	4			11	1	1	1	ľ	1	1	1	1	1			1	į	1	· 1	
<u>190</u>	   	,			ł	_			1	1	4	l			1					
<u>400</u>	4 4 , }	······································				+	-					ł								
2400	- - - -	······				+						     								

boundary etc.)

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## MINERALIZATION

tion	mineralization
FeS2	< 0.2 %
5 %	0.3~05 %
10 %	0.6~09 %
10 %	> 1 %
	· · ·

henocrysts changed

feldspor phenocrysts

into clay minerais.

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{ by field observation }

			rock fragments	1000	55.54 -53 55.54 -53		教会の心意		1576 1577	156 168	2.0		tr.						教育		
		<u> </u>	mid layern black gray mudstone with pyrite		2 - 112-1	1997 (M) 1997 (M)			1578 1379	172	2.0 2.0	5.0	tr. 0.02	< 0.03	٥.01		3.36			199 <b>- 5</b> 5	
		) }		1				1	1380 1381	174 176	2.0 2.0	1.4	0.02 tr.				•				
1		<b></b>	medium grained silicified mandstone						1382 1383	178 180		2.0	tr. tr.			: .					離れた
	27	2A7	black mudstone with pyrite impregnation	「いいい」	51. 1. 81.				1384 1385	P	2.0 - 2.0	2.0	tr. tr.				1.70	* .		2	<b></b> 0
		∕ 50°	dark gray medium grained mandatone	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					1386 1367 1388	186 183 190	2.0	2.0	tr. tr.								
1234	Ĩ		brocciated rhyolite (white) with pyrite ore fragments white rhyolite tuff	21.22.00			N 200 A		1789 1790	192 194	2.0	2.0	0,02				2,90			1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1. State 1.	2.8
r	Ĩ		white rhyolite tuff gray mudstone with tuff	1. S. S.			N. 17		1391 1392	196 198	2.0	2.0	tr.		1. S. S. S. S. S. S. S. S. S. S. S. S. S.				. *	n me	1.24
			hich silicified breccis figure-filling						1393				tr,			1 1				1999 1997 1997	
			Dottos							) ( ) ( 					-						
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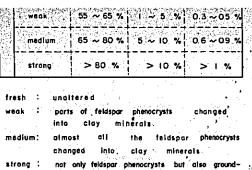
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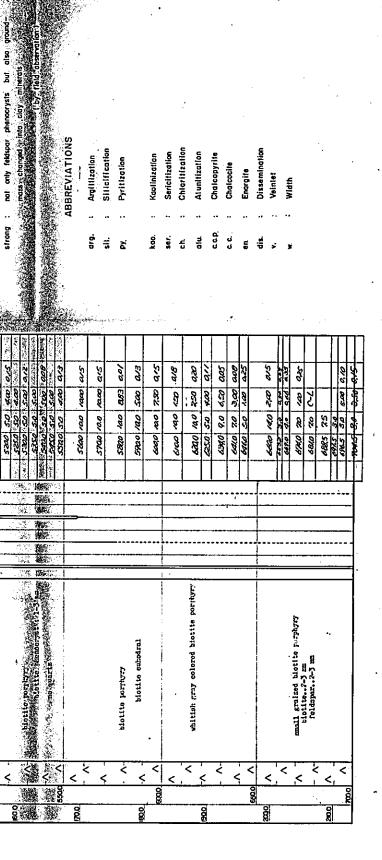
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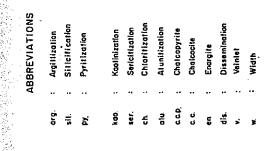
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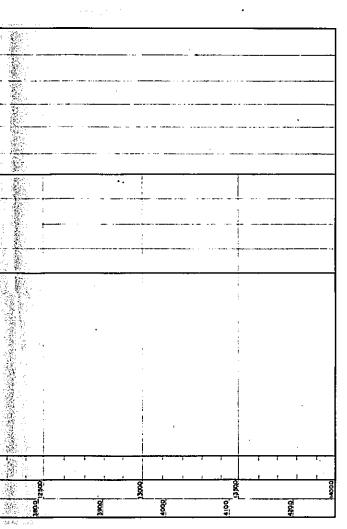
<b>国际组力半来的</b> 18816		GEOLOGICAL SURVEY OF	MONYWA AREA UNION OF BURMA	F PHASE II )	CORE LOG and ASSAY	D.D,H. No. 2.3 Sheet	834.0 feet	Location Schedaung Elevotion 145.5 m	Direction 0 Inclination - 90°	Date of Leading from 12:5:58 to 22:7.58	Leased by S. MONONOBE		2	OVERSEAS TECHNICAL COOPERATION AGENCY CONSEMMENT OF INDAN	GUVERNAMEINI UF	Preported by witsur kinzonu Enen							• *		LEGEND	Mudstone			→ Rhyolite A Derehvur biolite porphyry	Brecciation	1 hodination of plane structures		DEGREE OF ALTERATION AND MINERALIZATION	argilitzation silicitication pyritization minemization	<ul> <li>5102</li> <li>6452</li> <li>55 %</li> <li>1 %</li> </ul>	55 ~ 65 %   1 ~ 5 %   0.3	medium   65 ~ 80%   5 ~ 10 % 0.6 ~ 0.9%	strong > 80 % > 10 % > 1 %		※ tresh : unaitered weak : pours af feldspar phenocrysts changed	into clay minerals states all the feldspar phenocrysis		A State of the second second
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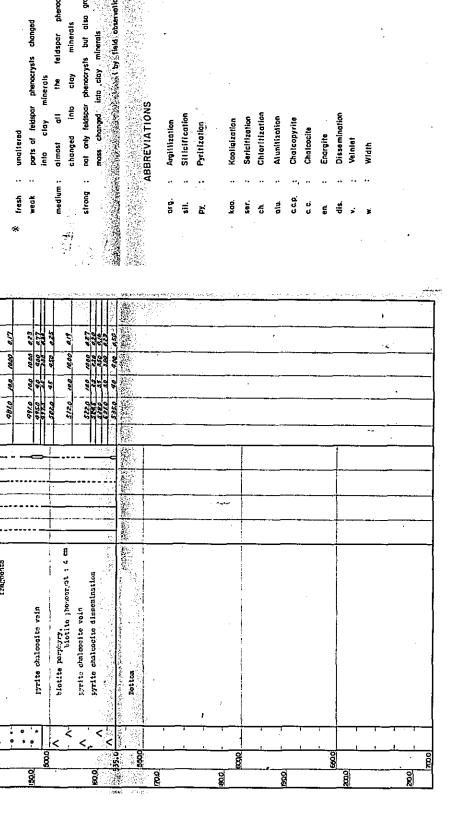
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	GEOL MONYWA AI	CORE	D, D, H. No. Tetal_Length_ Lacation_Sat	2007 AS	METAL MINING / OVERSEAS TECH GOVERNMENT OF S1 S2 S2000 by MITSU	LEGEND	Mudstone Sandstone Tuff. Lapitli	Rhyolite Porphyry bi Brecciation	Incilnation af 6 bedding p	Я.	argilițization	(resh	weak         medium	strong
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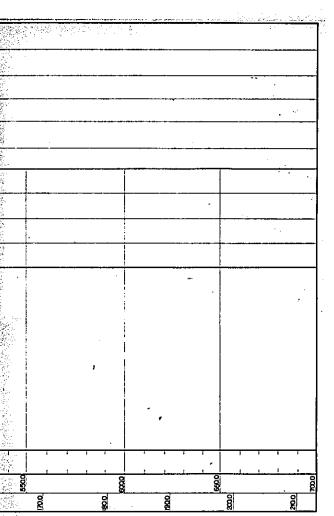


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DIRECTARDE	PL 1-9-3	GEOLOGICAL SURVEY OF	UNION OF	(PHASE II )	CORE LOG and ASSAY	D,D,H No. 2 3 B Sheet 1	Tatal Length 511.5 feet Core Recovery	Location Sabedoung Elevation 117.4 M	Direction 0 Inclination90°	Date of Looping from 27-1-66 to 24-2-66 Looged by S. MONONOBE		METAL MINING AGENCT OVERSEAS TECHNICAL COOPERATION AGENCY	GOVERNMENT OF JAPAN SEPTEMBER 1974	Prepared by Mitsul Kinzona Engineering service Co. Ltd.		4				·	LEGEND	- Mudstone	Sondstone Port Lapiti tuff Tuff breecid.	Rhyolite bornhende – bornhende –	Brecclation	1 Inclination of plane structures. ( bedding plane intrusive boundary etc }		DEGREE OF ALTERATION AND MINERALIZATION	<ul> <li>5100</li> <li>652</li> <li>555 %</li> <li>1 %</li> </ul>	~ S % 03	65 ~ 80% 5 ~ 10 % 0.6 ~ 0	strong	weak : unaiter weak : parts o into	sst all iged into	etrong : not only feddapar phenocrysts but also ground- mass changed into .cday minerals
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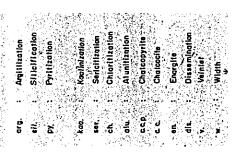
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	Alterdion 6 Alternation area of py cu																				*			
			uon.coro 11cpt gray fino graiand silicified tuir proceia	volanic broads rock fragments (arguint) : pea size pyrite wrincht, width 5-1 m fine grained high silleffied rhoulfit	rock frugnanta (angular) : goa aise gyrito-chaloccito roin		joint filling chalcocite-pyrite and the chalcocite wein the chalcocite wein filling chalcocite foint filling chalcocite	malachte stain blette porphyry  biotte phonocryst (broun) : 4n  argillied foldspar (brounish)		-20 <sup>6</sup> jyrite chalaseite vola, vidih 4 m c chalseeit5-yrite vela, vidih 4 m fine grained, turf	Joint filling lyrite	<ul> <li>chalcocite-tyrite vein</li> <li>chalcocite-tyrite vein, visith 1 m</li> <li>chalcocite-tyrite-enterprise</li> <li>yollowish brown blotite-guartz-porphyr</li> </ul>		chilestie-priks relatet, with 3 mm light gray floo grained silicitied red	<pre>4 Johnt filling chalcohito pyrite dissemination pyrite disseminition Johnt filling chalcosite</pre>	pyrito dimomination pyrito-quarte-chalcoolto voin, ¥ 1 1 m pyrito-chalcoolte voin, width -2 m	<ul> <li>chaleocito-pyrite vein, width 1-2 an</li> <li>doint filling chaleocito-pyrite</li> </ul>	disculturion disculture systs: 260 Solat filling systs: 270 Assentation 5771: chalcoste with sith 2 th	- irrogular zyrife voin, width : 7 cm hyrife discealnation	Isrito-chalcosito voialot light gray small grafmed biotito . porphyry	rrite vein coated by chalcocita	Joint filling prite > chalcoefte	Bottos	
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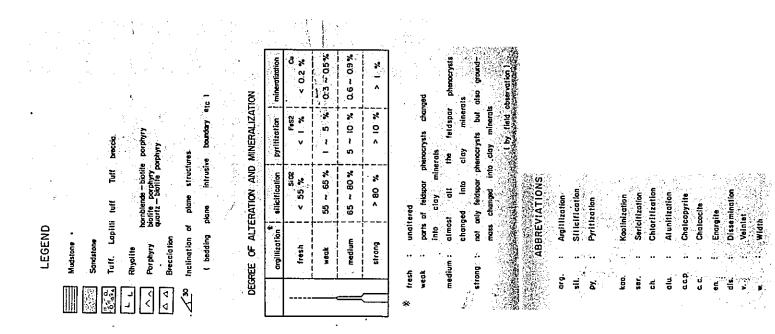


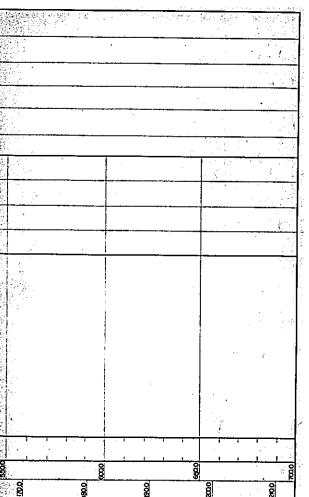
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CORE LOG and ASSAY	•
D,D,H, No. 2 3 D Sheet 1 Tatal Length 514.67 feet Core Recovery	
Location_SabedaungElevation_89.0 <sup>m</sup> DirectionInclination90°	
Date_of_Loggingfrom 14-3-66_to_21-4-66 Logged_by_S_MONONOBE	
METAL MINING AGENCY OVERSEAS TECHNICAL COOPEPATION AGENCY GOVERNMENT OF JAPAN	: :
SEPTEMBER - 1974 Precord by Mitsut Kinzow Englering Server Co. Ltd.	

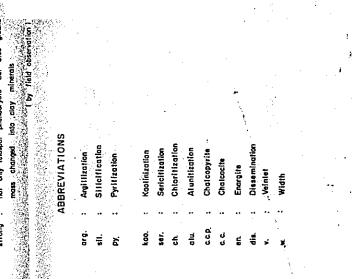




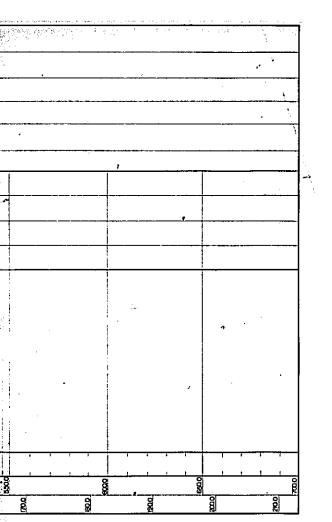


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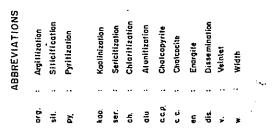
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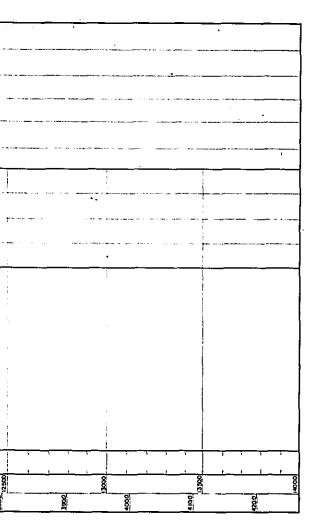
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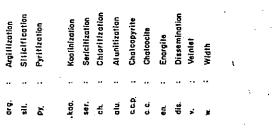
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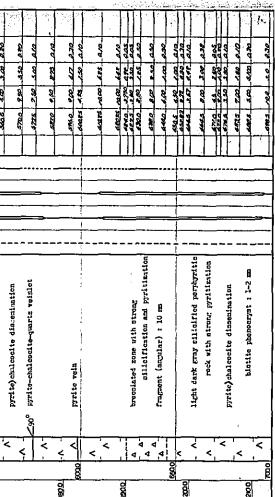




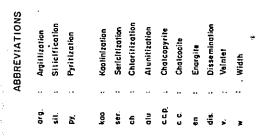
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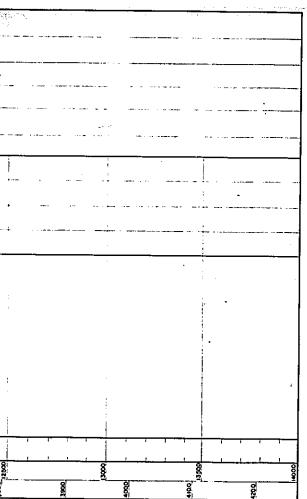
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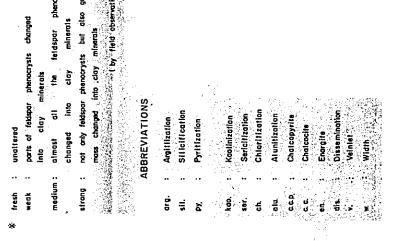
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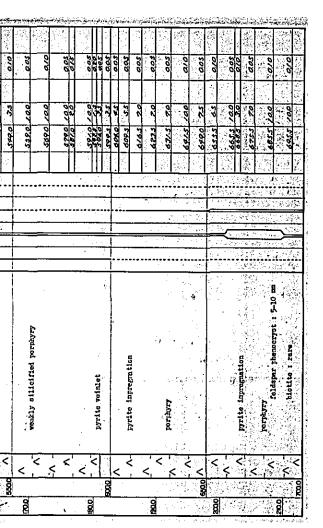
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GEC	CORE D.H. No.	. Total Length Location	METAL MINING AGENCY OVERSEAS TECHNICAL GOVERNMENT OF JAPA , SEPTEME Propoud by MITSUI KIN12001

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argilization	silicification	pyritization	mineratization
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 ¥ eak	55 ~ 65 %	بن ۲	0.3 ~ 0.5%
 medium	65 ~ 80 %	5 ~ 10 %	0.6~ 0.9%
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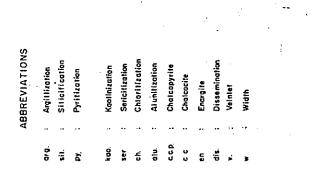




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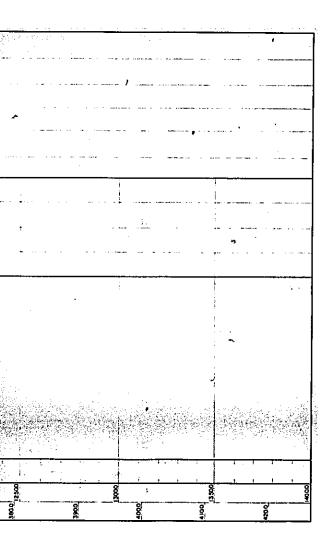
	GEOLOGICAL SURVEY OF				D.D.H. No. 28 A Sheet 2 Total Lensin 904.05 feet Core Rec	adaung		Date of Logging from 9-5-59 to 20-7	Logged by S. MONONOBE		METAL MINING AGENCY	TECHNIC	GOVERNMENT OF JAPAN	i da				LEGEND	Mudsrone	Sandstone Tutt Lopisii luft Tuft breccia	Porphyry pourie boilte porphyry Porphyry quarite boilte porphyry aurite - boilte porphyry	<u>ia</u>	[ bedding pla	DEGREE OF ALTERATION AND MINERALIZATION	argitization * sitcification pyritization mi	Fresh < 55 % < 1 %	55 ~ 65 % 5 %	medium 65 ~ 80 % 5 ~ 10 % 0.	unoit erect	ports of feldspar phenocrys into clay minerats	almosi ali 11 changed into c not any feidspar pher	e de la compara de la compara de la compara de la compara de la compara de la compara de la compara de la compa La compara de la compara de la compara de la compara de la compara de la compara de la compara de la compara de
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PL 1-9-9 Geological Survey of Area Unnon of Burrma ( Phase II )	E     LOG     and     ASSAY       Na     28     A     Sheet     2       Ma     28     A     Sheet     2       Ma     28     A     Sheet     2       Ma     28     A     Sheet     2       Ma     28     A     Sheet     2       Ma     28     A     Sheet     2       Sabedaung     Elevation     99.0 m       O     Inclination     = 90°       Logaing     from 9-5-59     to 20.7.59	AGE AGE OF J	ND doriti luit Turt breccia montherere - bioite porphyry bioite porphyry bioite porphyry godite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite porphyry audit - bioite audit - bioite audit - bioite audit - bioite audit - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioite - bioi
GEOLOGI MXXYYYA AREA	CORE L DD.H. No. 221 Jotal _ Length 90 Location Sabeda Date of Logging Date of Logging		LEGEND Mudstone Sandstone Sandstone Fhydrite Lapiti lud Rhydrite Montrie Porphys gaats Breccialion a pla Inctination a pla fresh < 55 weak 55 strong 55



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回路仙力半条团 [1] 08816] [1] 1874支建客	GEOLOGICAL SURVEY OF	MONYWA AREA UNION OF BURMA	6	D.D.H. No. 2.8.B Shite 1 Tatai Leadh 5.4.2.8 feet Core Recovery		Direction 0 lactication – 90° Pate of Loosing from 1.11-59 to 11-1-60	Logged by S. MONONDBE		<u>.</u>	SEPTEMOER 1974 Preported by Mitsui Kinzowu Engineering service co. LTD.					LEGEND	- - -	Sandstone Sandstone Tuff Lophiti huft Tuff breecia	Rhyolite Nornblende – biolite. Nornblende – biolite.	Brecclatio	<u>100 Inclination</u> of plane structures. ( bedding plane intrusive boundary vetc )		逆 눈~	·	55 ~ 65 %   ~ 5 % 0.3	medium 65 ~ 80 % 5 ~ 10 % 0.6 ~ 0.9 %	strong > 80 % > 10 % > 1 %	% fresh : unaitered weak : notic of fetteour phenocrysts changed	into clay minerais m : almosi alt ithe feld	changed into clay minerals strong : not only feldspor phenocrysts but also grand- 	changed made .cuy
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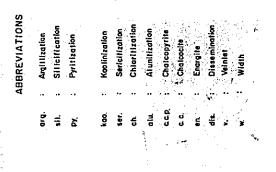
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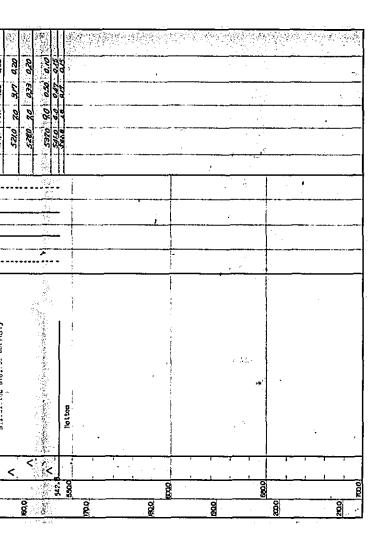
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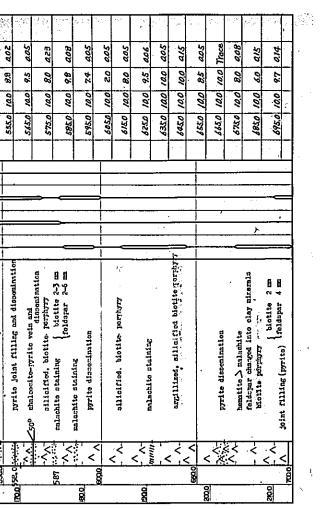
PL [-9-11	GEOLOGICAL SURVEY OF	UNI	CORE LOG and ASSAY	DDH No. 2.8.C Sheel L Tatal Length 1 00.3. 0 feet Core Recovery	Location Sabedoung Elevation 91.4 <sup>m</sup> Direction 0 Jacifroation - 90 <sup>°</sup>	Date of Logging from 17-6-60 to 9-11-60 Lagged by S. MONODE	METAL MINING AGENCY OVERSEAS TECHNICAL COOFERATION AGENCY GOVERNMENT OF JAPAN	SEPTEMBER 1974 Prepared by MITSUN KINZONU DIGINEERING SERVICE CO. LTD.				LEGEND	Mudstone Sandstone	(한규츠) Tuft. Lapilli tuff Tuff breecta. 노느 Rhyolite 스스 Porphyry bortile, Porphyry	(1000 Brectlation 소양 Inclination of P	DEGREE OF ALTERATION AND MINERALIZATION	argilitration     pyritization     mineralization       arginization     site:fication     pyritization       fresh     55 %     < 1 %       fresh     55 %     < 1 %       start     55 %     < 1 %       start     55 %     < 1 %	medium 65 ~ 80 % 5 ~ 10 %	<ul> <li>fresh : unaltered</li> <li>weak : ports of feldspar phenocrysts changed</li> <li>into clay minerals</li> </ul>	: almost all the feldspar phe changed into clay minerals	strong : not only feldspor phenocrysts but also ground- mass changed into .clay minerals (by field "observation")
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	믭	SURVEY OF	-	and AS	Sheet	feet <u>Core</u> F	<u>Elevation</u>	. Jaciliaation.	from 17-6-60 to 9-11-	36		UUPERALIUN AUENC	1974		EERING SERVICE				breccia.	porcherv		Jes	re boundary et	ALTERATION AND MINERALIZATION	pyrltization	₹1% < 1%	· · · · · · · · · · · · · · · · · · ·	n 2	* 0I ^
		GEOLOGICAL SUF	{ PHASE	5 DO	2.8.C	<u>1 003, 0 fe</u>	Sabedaung			S. MONOBE	ጽ		PTEMBER		KINZONU ENGHI				tuff Tuff	enhlanda — hintite	biatite porphyry quartz - biotite por	plane structure		FRATION AND	silicification	<ul> <li>55 %</li> </ul>	55 ~ 65 %	65 ~ 80 %	× 80 %
$\sim$		BEOLC BEOLC		CORE	D.D.H. No.	Tatal Length	Location Sab	Direction 0	Date of Logging	Logged by	NING	overseas techn Government of			INCUM AC POL	LEGEND . LEGEND	Mudstone	Sandstone	Tuft. Lapilli	Rhyolite		Brecciation Inclination of	· _	DEGREE OF ALTE	¢ orgilitization	fresh	weok	medium	strong
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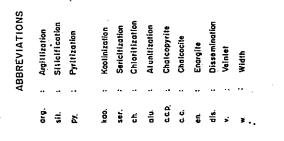
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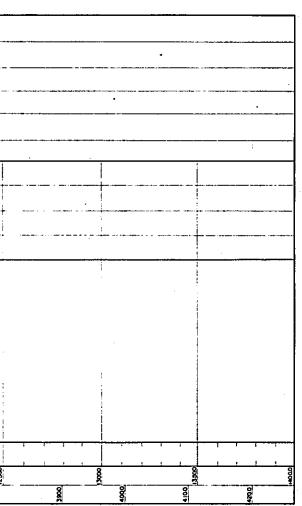
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ABBREVIATIONS

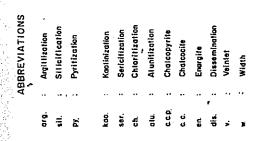


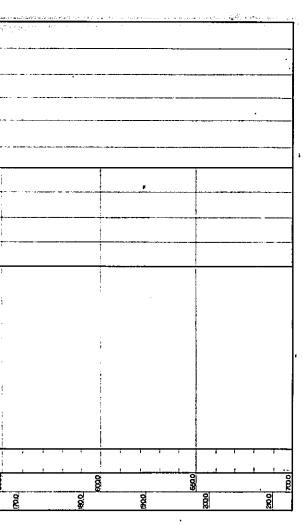
	/ .	GEON DOLLON SURVEY DF	MONTWA AREA UNION OF	( PHASE II )		CORE LOG and ASSAY	DDH No 28 C Sheet 2	IOD3 D feet	Flaunti	Inclimitor					UNG AGENCY	OVERSEAS TECHNICAL COOPERATION AGENCY GOVERNMENT OF JAPAN	SEF	Preposed by witsui kinizonu engmeering servce co., LTD.	•••								, LEGEND .		Letter Mudstone	Tuff Lapiti tuff Tuff breecia.		스스 Porphyry biotite porphyry 소즈 Brecciption		( bedding plane intrusive boundary etc }	CUTCHE OF NUTERATION AND MANEDAU L'ATTION	argitization silectication pyritization mineralization	sicz Fasz < 55 % < 1 %	weak 55 ~ 65% 1 ~ 5 % 0.3 ~ 05%	medium 65 ~ 80 % 5 ~ 10 % 0.6 ~ 09%	strong > 80 % > 10 % > 1 %		· parts of reason provideds into clay minerals im; atmost all the feld	changed into clay minerals : not only feldspar phenocrysts but also gr	structures changed into cloy minerals were to be the observed by field observed	
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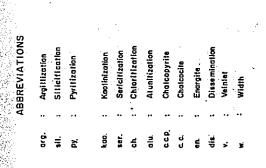


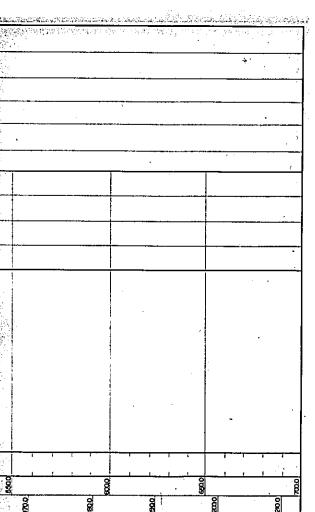
国家 44 かまま団 08816 回客天科支配 5 四番天科支配 5	PL 1-9-12	EOLOGICAL SURVEY	MONTWA AREA UNION OF BURMA (PHASE II )	jur	CORE LOG and ASSAY	D.D.H. No. 2.8. D. Sheet 1.	Total Length 330.0feet Core Recovery	Location Sabedoung Elevelon 101.7 <sup>m</sup>	Direction O Jactimotion - 9.0°	Date of Logging from 2.9.60 to	Lagged by S. MONONDE		IING AGENCY	TECHNI	GUVERNIMMEN) OF UNITIAN SEPTEMBER 1974	Prepared by MITSUN KINZONU ENGINEERING SERVICE CO. LTD.	· ·								LEGEND	. Mudstone		ion <sup>ta</sup> eta. Turft. Lopilli huff Turft breccio. 	– L Rhyolite hornblende – böhite porphyry ∕ ─ Porphyry biotite porphyry	Brecciation	▲ Inclination of plane structures ( bedding plane intrusive boundary etc }		D MINERALIZATI	tion slitcification pyritization mine suce Fess	20 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 ×			* fresh : unattered weak : pars of fedaçor phenocrysts changed	into clay miner medium: atmost att tt	changed .into clay : not only feldspar phenocrys	mass changed into clay minerals	
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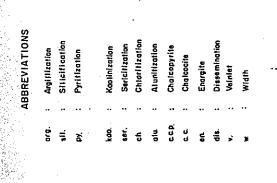


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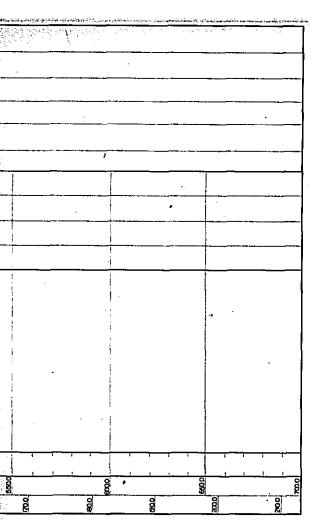
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	Mineralizat			<u><u><u>a</u></u></u>		<u>55,0 300 1.75 905</u> 65,0 100 1.25 205	750 100 383 403	10.0 2,50	120 6.00	600 (32) (32) (32) (32)	100	10.0	1420 120 129 139 139	7.25 25.2	100 620	1850 120 350 231	120	2050 100 825	10.0 450	272 JUL 001 0 SF2 -	12.0 450	235.0 20 5.50 215	140 5.33	483		L	315.0 120 608 146	2350 100 450 292													1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 19			
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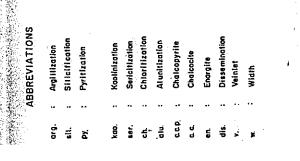
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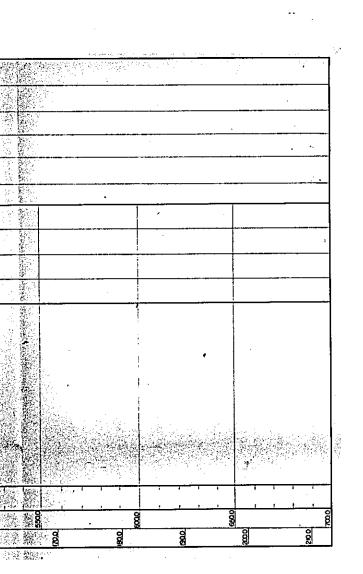


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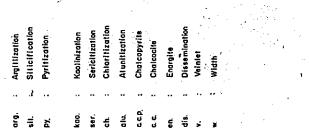
	GEOLOGICAL SURVEY OF MONYWA AREA UNION OF BURMA	( PHASE II )	CORE LOG and ASSAY	DDH No. 28 G Sheet I	feet	Sabedaung Elevation		Date of Looping from 23: 9:60 to 9:11:60 Logged by S. MONONOBE		METAL MINING AGENCY	OVERSEAS TECHNICAL COOPERATION AGENCY	5	Pressed by Mitsui Kinzonu Engmeering service cottd.		LEGEND	Mudstone Standards	المرققة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرقفة المرق المرقفة المرقفة المرقفة المرقفة المرقفة المرقة المرقة المرقة المرقة المرقفة المرقفة المرقفة المرقفة المرقفة المرق	L L Rhyalite hornblende – biolite porphyry	Brecciation Inclination of plane	{ bedding plane initusive boundry etc.	DEGREE OF ALTERATION AND MINERALIZATION	pyritization F=C			× 80 %		tered s of feldspar ph	lay minerals all the fei	chonged into cicy minerals strong : not anly feldspar phenocrysts but also ground- moss chonged into .clay minerals f by field observation )	小に、市場とはいなななどである
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Particulors 00, all.			(abered the perplore		atticition porphyry	<b></b>		>	adistrat biotita parphy <del>.</del>			A0° chilcoelte-pyrite vela, width : 50 m	Month of Strategy	Andreast of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the				write diseatintion				the bestifte abundant guarts Weid, 						20100		
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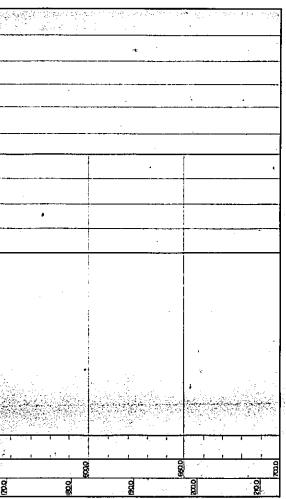


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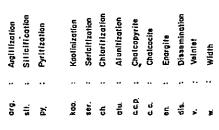


	GEOLOGICAL SURVEY OF MONYWA AREA UNION OF BURMA (PHASE II )	CORE LOG and ASSAY	D.D.H. No. 2 8 H Shreet I Jalat Length 505.0 feet Care Recovery	bedaung	Legging from 21 · 11 · 60 to 22 · 12 · 6 by S · MONOBE		METAL MINING AGENCY OVERSEAS TECHNICAL COOPERATION AGENCY CONCERNIENT OF JAPAN	. E							LEGEND	•	Sandstone Sandstone	Rhyddife hrreflerde - biotite porchurv		of plane structures.	[ bedding plane infrusive boundary etc.]	DEGREE OF ALTERATION AND MINERALIZATION	orgʻillization silicitlaation pyritization mineralization	[resh = 55 % = 1 % = 0.2 %	weak 55 ~ 65 % 1 ~ 5 % 0.3 ~ 05%	medium   65 ~ 80 %   5 ~ 10 %   0.6 ~ 0.9 %	strang > 80 % > 10 % > 1 %	d sete	· parts or receptor prevocrysis into clay minerals m: almost ali the feld	changed Into clay : not only feidspar phenocry	moss changed into clay minerals ( by field observe	ABBREVIATIONS
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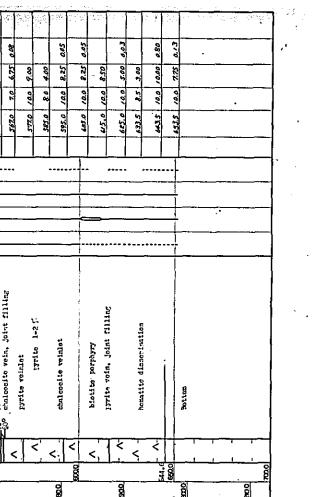
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CORE LOG and ASSAY	DDH No. 28.J Sheel I Tatal Length 700.0 feet Core Recovery Location Sabedoutog Elevotion 3.7.1 m Direction 0 Inclination - 90° Date of Logging from 14.11.66 to 23.11.60 Logged by S. MONONDE	METAL MINING AGENCY OVERSEAS TECHNICAL COOFERATION AGENCY GOVERNMENT OF JAPAN SEPTEMBER 1974 Predmed by Mitsun Kinzdnu Fingmerenne service Co. LTD.		Sondstone 66~2. Turk Lapitii huft Tuft breacta LL Rhyolte Parphyry biolite porphyry 주스 Breaclation A Breaclation Inclination of plane structures. ( bedding plane intrusive boundary etc )	DEGREE     OF     ALTERATION     AND     MINERALIZATION       angilitration     sitetification     pyritication     minerolization       ifresh     < 55 %     < 1 %     < 0.2 %       weak     55 %     < 1 %     < 0.2 %       medium     65 %     1 ~ 5 %     0.3 ~ 05%       strong     > 80 %     5 ~ 10 %     0.6 ~ 0.9 %	* tresh : unditered weak : ports of tetapor phenocrysts changed into clay minerals medium : almost all the feldspor phenocrysts changed into clay minerals atrong : not only tetapor phenocrysts but also ground- mass changed into clay minerals
Anull of Chantleol Analysis Sompal Daph Core Songal T-OL Nu (Lent) Longh T-OL Songal Daph Core Songal T-OL Nu (Lent) Longh T-OL Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Core Songal Daph Co	55         10         2.6         tr.           65         10         4.6         0.25           75         10         5.4         tr.           95         10         8.7         tr.           95         10         8.7         tr.           10         9.7         0.10           115         10         6.1         C.20           125         10         7.5         0.55	135         10         7,0         0,40           145         10         4,3         1,15           155         10         5,5         0,35           165         10         4,5         0,18           165         10         4,5         0,18           165         10         4,5         0,18           195         10         6,5         0,26           195         10         6,3         0,25           195         10         6,3         0,26	205         10         8,0           215         10         10,0           225         10         9,1           225         10         9,1           235         10         9,1           235         10         9,1           235         10         9,1           235         10         2,6           245         10         5,7           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         5,6           275         10         3,6           275         10         3,6	355         10         5,2         0,34           375         10         7,5,         0,52           345         10         10,0         0,94           375         10         5,0         0,50           375         10         5,0         0,50           375         10         7,0         0,04           375         10         5,0         0,050           375         10         7,0         0,04           775         10         7,0         0,04           765         10         5,0         0,050	10 6.5 10 6.5 10 7.4 10 7.5 10 6.4 10 6.4	£7.         10         5.2         0.65           1         455         10         9.9         9.36           455         10         10.0         0.14           555         10         7.0         0.10           515         10         7.0         0.10           555         10         1.0         0.10           555         10         1.0         0.10           555         10         1.0         0.10           555         10         1.5         0.58           10         5.7         10°         10°           555         10         1.5         0.58           555         10         1.5°         0.55
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pyrite</li> <li>A. 200° shiloceite-pyrite veil, with 1.2 m.</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° joint</li> <li>A. 200° 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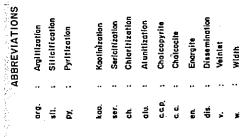
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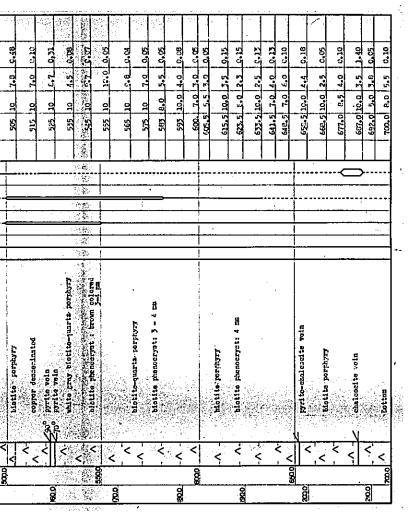
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08816 Brazarsta Internation of PLI-9-19 Reconstruction of PLI-9-19 CORF LOG and ASSA	D.D.H. No. 2.8 K     Sheel I       Iotal Leanth 295.0 feet     Core Recovery       Location Subedciung     Elevation 84.2 m       Direction     0       Instination     10.0000000	NUNG AGE TECHNIC NT OF SEP	regend	Mudstone Sandstone Bandstone Tuff. Lopfilli fuff Tuff breccia. LL Rhyalite Parphyry borbhyry borbhyry bortine porphyry An Inclination of plane structures. ( bedding plane intrusive bourdary etc )	DEGREE     OF     ALTERATION     AND     MINERALIZATION       arguitation     siltetification     pyrilization     mineratation       tresh     < 55 %     < 1 %     < 0.2 %       weak     55 ~ 65 %     1 ~ 5 %     0.3 ~ 05 %       medium     65 ~ 80 %     5 ~ 10 %     0.6 ~ 0.9 %       strong     > 80 %     5 ~ 10 %     0.6 ~ 0.9 %	* fresh : unaltered weak : parts of feldspar phenocrysts changed into clay minerals medium i atmost at the feldspar phenocrysts changed into clay minerals nass changed into clay minerals nass changed into clay minerals
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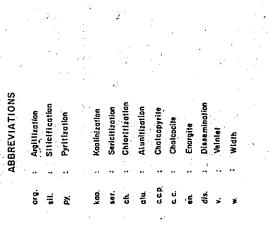
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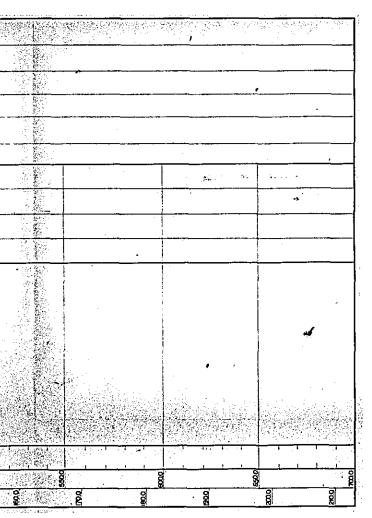
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-	AXXYYWA AREA UNION OF BURMA I PHASE II I	CORE LOG and ASSAY	D.D.H. No. 28_L Sheet I Tatal_Length 5.51.0 feet Core Recovery	Location Sabedaung Elevation 8.6.0 <sup>m</sup> Direction 0 Inclination -9.0°	Date_of_Logging_from to Logged_by_S_MONONOBE		METAL MINING AG OVERSEAS TECHNI	GOVERNMENT OF JAPAN SEPTEMBER 1974 Proceed by Mitsui Kinzolu Engmeening Service Col ITO.						LEGEND		Sundarone Sundarone المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد 	LLL Rhysitte hornblende − biotite porphyry A Porphyry bootte − biotite morphyry	<u> </u>	t bedding plane	DEGREE OF ALTERATION AND MINERALIZATION	sitication pyritization mine sice Fasz	fresh < 55 % < 1 % < 0.2 % weak 55 ~ 65 %   ~ 5 % 0.3 ~ 0.5 %	m 65 ~ 80 % 5 ~	strang > 80 % > 10 % > 1 %	<ul> <li>fresh : unaitered</li> <li>weak : parts of fedspar phenocrysts changed</li> </ul>	the feldspar phe the feldspar phe the feldspar phe changed into clay minerals		AB		py. : Pyritization kao. : Kaolinization
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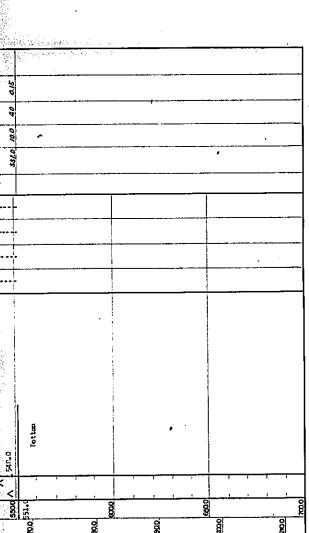
ABBREVIATIONS	Argittization	Silicification	Pyritization	Kaolinization	Sericitization	Chlaritization	Alunitization	Chalcopyrite	Chalcocite	Enorgite	Dissemination	Veinlet	Width
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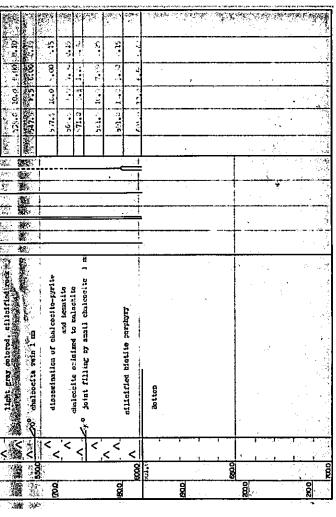
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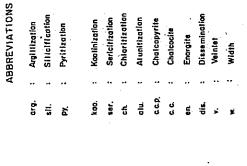


1.9188.0 08816、	回客版料空武書 PL 1-9-21	GEOLOGICAL SURVEY OF	MONTWA AREA UNION OF BURMA		CURE LUG and ASSAI	D.D.H. No. 28 M Sheet 1	Tatal Length_60LO feet Core Recovery	Location_SabedaungElevelion_11.3.9.m	Direction 0 Includation -9.0°	Date of Logging from to	Logged by S. MONONOBE			METAL MINI	OVERSEAS LECHNICAL GOVERNMENT OF JAPA	25	Prepared by writsui kinzonu enemeering service co. LTD.	••		ý.						L FGFND		mudstone Sonstrine	Tuff Lopilli tuff Tuff Dreccia.	Rhyolite	Porphyry bolle porphyry Auoriz-biolife porphyry	Brecciation tradication of alme	linclindrion ( bedding		DEGREE OF ALTERATION AND MINERALIZATION	titization silicification	55 %	55 ~ 65 %   ~ 5 %   0.3	~ 80% 5 ~ 10% 0.6 ~	> 80 % > 10 %		* fresh : unditered weak : parts of fektspor phenocrysts changed	into clay Minerals 	changed into clay	ぞってまげong : not only feldspar phenocrysts . but also grounds: 2014-2014 mass changed into .day minerals		ABBREVIATIONS		sit. : Siticification py, : Pyritization	kao	kao. kaomininarion ser Sericitization	ch : Chloritization
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ABBREVIATIONS	Argiltization	Silicification	Pyritization	Koolinization	Sericitization	Chlaritization	Alunitization	Chalcopyrite	Chalcocite	Enargita 🖉 👘	Dissemination	Veinlet	Width
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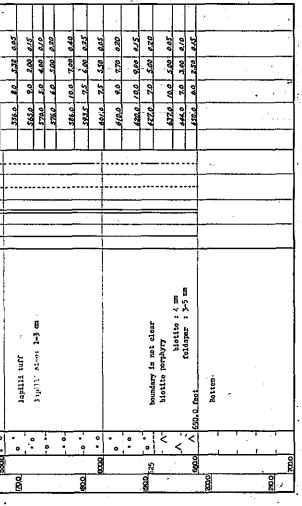


(国際協力事業団) (回8116)	BL I-9-22	GEOLOGICAL SURVEY OF	I PHASE II I	CORE LOG and ASSAY	Sheel.	engih. 6.50.0 feet Schodaring	Direction Sociedulation Location 113-10	Legging from	Logged by S. MONONBE		METAL MINING AGENCY	OVERSEAS TECHNICAL COOPERATION AGENCY COVERNMENT OF JAPAN	SEI	Prepowed by MITSUI KINZONU ENEMEERING SERVICE CO. LTD.									Mudstone		L L Rhydlite hornblerde biolite porphyry	Bracelation	δ		DEGREE OF ALTERATION AND MINERALIZATION	pyritization mine	fresh < 55 % < 1 % < 0.2 %	weak 55 ~ 65 % 1 ~ 5 % 0.3 ~ 0.5 %	medium 65 ~ 80% 5 ~ 10 % 0.6 ~ 0.9%	strong > 80 % > 10 % > 1 %	: ungitered	ports of feldspor phenocrysis changed into clay minerals	almost all the felaspar phe changed into clay minerals	not any feldspar phenocrysts but als mass changed into clay minerals	(by field observation)
	ation & Minerailiza	ell. Pr. cu No. (feet) Langh La		32.0 7.0 4.25		50	870 50 425 940 70 633 775 3.5 2.25	250 052 250 045	10.0 9.67	134.5 9.5 6.25 1.70	1505 100 617 150	10.0	128.0 10.0 1.57 0.50	10.0 6.00	25 2.00	6.5 2.75 8.6	055 0.8 055	2460 50 450 660	2560 100 200 000 000 000 000 000 000 000 00	65 300 50 300	28,0 100 525 049	<u>520 059 0'01 520</u>	10.0 4.00	<u>325,5 6.5 6.25 0.25</u> 335,5 1.00 3.00 0.5	10,0 1,50	3720 65 220 2.15	349.5 /0.0 920 0.10 379.5 9.0 7.00 0.15	55 /0.0	10.0	1000 0.50	4340 100 3.25 9.15 4340 100 3.25 9.15	4460 100 440 010	10.0 4.50	4540 100 350 007 4740 100 4.33 0.55		00'1 0'01	5100 120 250 040	2260 90 450	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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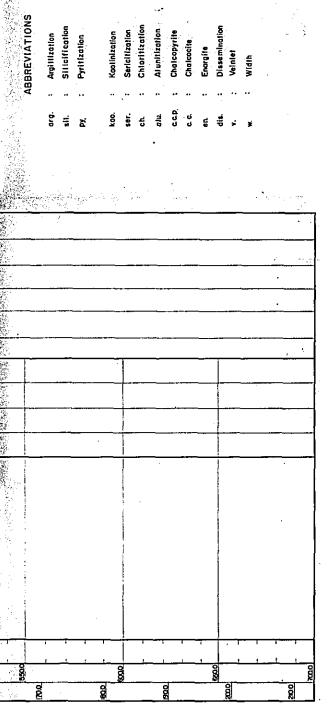
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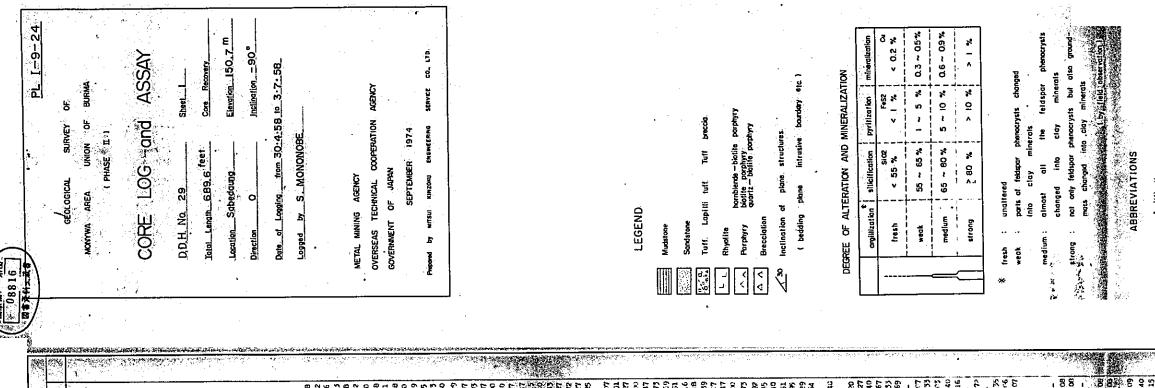
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PL 1-9-23	GEOLOGICAL SURVEY OF	MONYWA AREA UNIO	PHASE II )	CORE LOG and ASSAY	D.D.H. No. 2.8.0 Sheet 1	Iatal_Length 500.0 feet Core Recovery	<u>Sabedaung</u>	ļ	50	Logged by S. MONONBE		ING AGENCY	OVERSEAS TECHNICAL DOOPERATION AGENCY GOVERNMENT OF JAPAN	SEPTEMBER 1974	Prescribe by MITSUL KINZORU ENGREERING SERVICE CO. LTD.							received a second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	Mudst one	Sandstone	년 L Rhyolite Rhyolite		Laterciation ∠ <sup>30</sup> Inclination of plane structures	( bedding plane intrusive boundary etc )	DECEDEE OF ATTERATION AND MINERALIZATION		sic2 Fes2	55 ~ 65 % 1 ~ 5 % 0.3	m 65 ~ 80 % 5 ~ 10	> 80 % > 10 %		weak : parts of felicipar phanocrysts changed into clay minerals	: almost all changed int	feldspar ph anged into
& Minerclisution Result of Chemical Analysis	Core Somple T-Cu Langth Langth X					710 84 10 0.72 810 100 103 43 45	50 70	1020 20 25 25 210		010 51 02 031	20 820 25 908 65 005	1.3 0001 210 2.1		10,0 3,0 0,08 ** 0,3 008 *:5 2,0 0,08	40 10 011 35 15 012 45 20 0.07	2,5 0.27	50	2340 35 35 0.11 2340 30 50 0.07 2345 50 50 0.23 2345 50 32 0.05	200	2445 7.5 2.0 001 2445 4.5 1.0 0.0 2710 25 25 0.18	02	25	3712 42 12 27 27 27 10 10 10 10 10 10 10 10 10 10 10 10 10	3455 820 320 925	3320 92 92 0.00		3655 80 45 0.35 700 20 20 1100 30 20 20	807 02 000 000 000 000 000 000 000 000 00	200 25 25 0.00 200 25 25 200 200 25 25 200	610 05 08 500		State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State         State <th< th=""><th>4475 <u>50</u> 4.0 207</th><th>4600 6,0 4,3 0,09 4660 6,0 1,0 0,0</th><th>111 11 111 111 111 111 111 111 111 111</th><th></th><th></th><th></th></th<>	4475 <u>50</u> 4.0 207	4600 6,0 4,3 0,09 4660 6,0 1,0 0,0	111 11 111 111 111 111 111 111 111 111			
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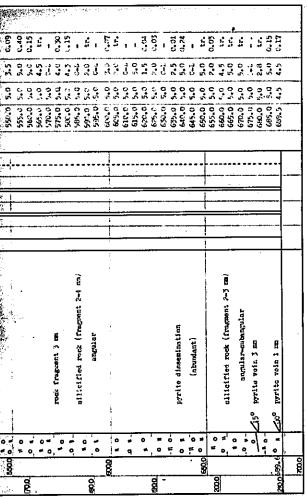




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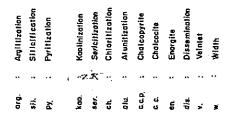
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ABBREVIATIONS	Argillization	Silicification	Pyritization	Koolinization	Sericitization	Chloritization	Alunitization	Chalcopyrite	Chalcocite	Enčrgite	<b>Dissemination</b>	Veintet	Width	
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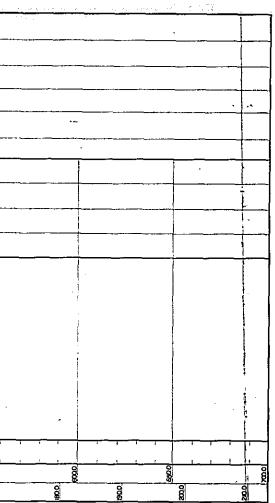
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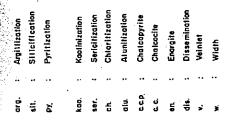
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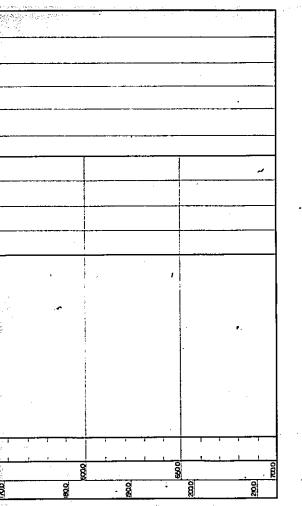


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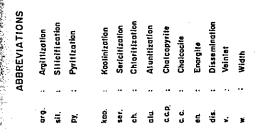
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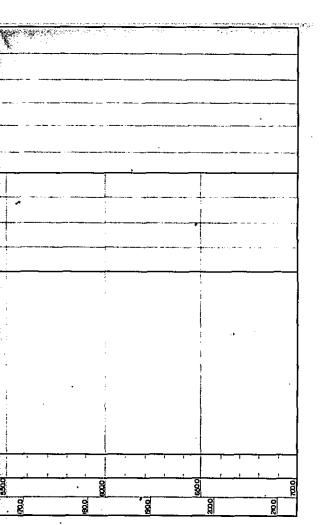
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(回路站办#希腊) 08816 · ]		CORE LOG and ASSAY	2.9.C Sheet 1 1.45.5 feet Core Recov	<ul> <li>Direction 0 Inclination -90°</li> <li>Date of Logging from 4·11·66 to 28·11·66</li> <li>Logged by S. MONONOBE</li> </ul>	METAL MINING AGENCY OVERSEAS TECHNICAL COOPERATION AGENCY GOVERNMENT OF JAPAN SEPTEMBER 1974	Prepared by withly KINICON ENGWEERING SERVICE CO. LTD.	CU FGFND	. 6	$ \overbrace{\Delta} Por phyry biolite pophyry \overline{\Delta} Breactorion \underbrace{\Delta} Breactorion for a plane structures. ( bedding plane intrusive boundary etc )$	DEGREE OF ALTERATION AND MINERALIZATION       argiutuation     sliteitcation       pyrititation     sliteitcation       resh     < 55 %       tresh     < 55 %       weak     55 %       medium     65 %       nodium     65 %       and     5 ~ 10 %       0.3 ~ 05 %	* fresh : unaltered * fresh : unaltered * esh : parts of factoria phenocrysts changed into clay minerals minetum : almost all the faldspoir phenocrysts trang : not any faldspoir phenocrysts but also ground- mass changed into clay minerals	ABBREVIATIONS arg : Argittization sit : Stitictication py : Pyritization	kao. : Koolinization ser. : Sericitization ch. : Chloritization alu. : Alunitization c.c.p. : Chalcopyrite c.c. : Chalcopyrite en. : Enargite dis. : Dissemination v. : Velnet
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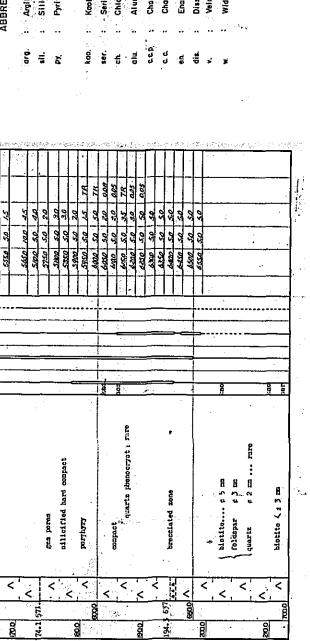




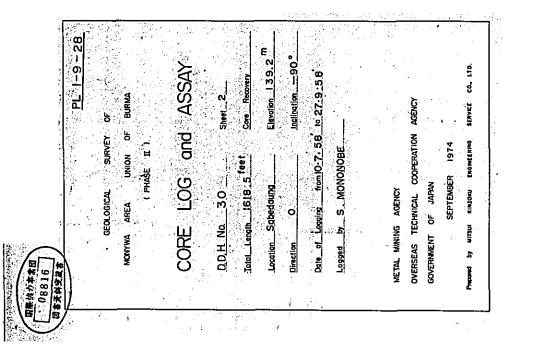
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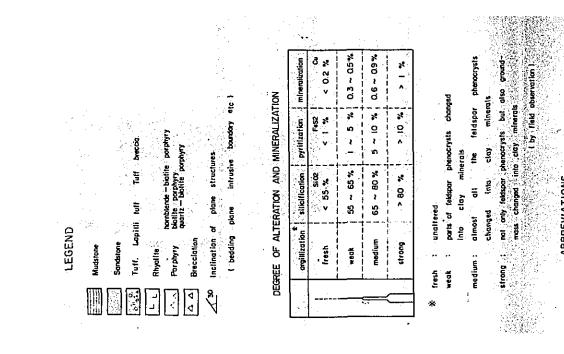
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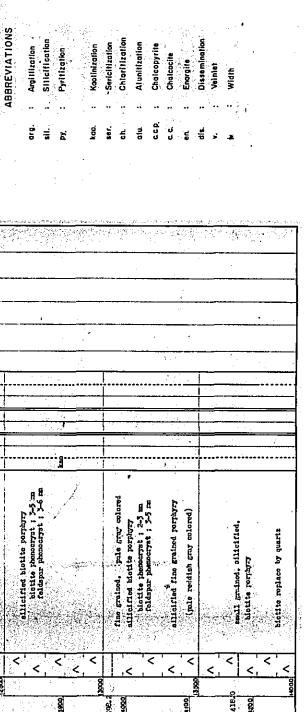


ABBREVIATIONS : Agilitization : Stilicition : Pyritization Kaolinization Sericifization Chiorifization Alunitization Chalcopyrite Dissemina Veinist Width





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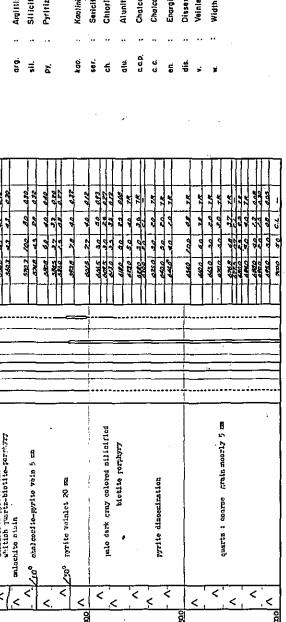
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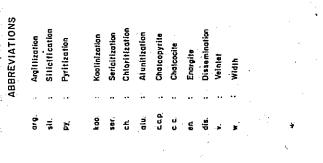
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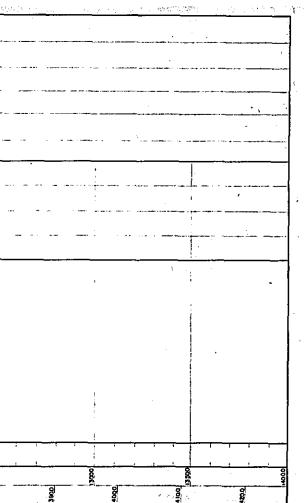
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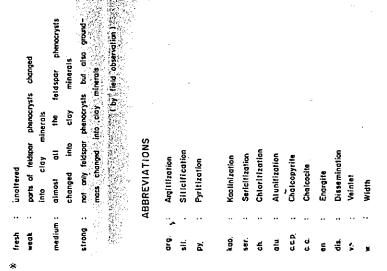




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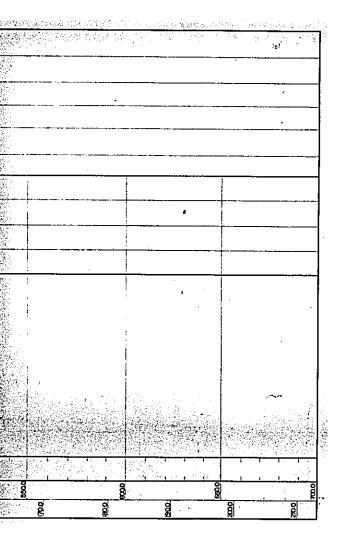
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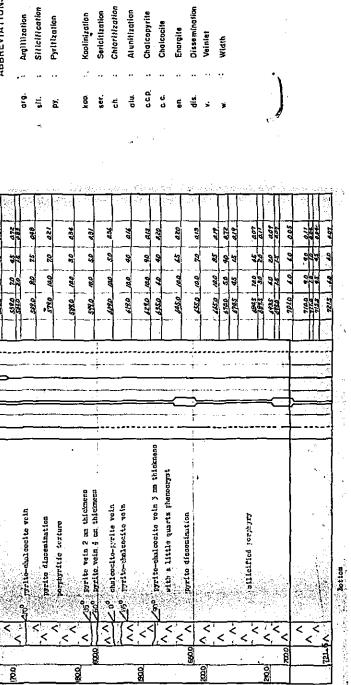


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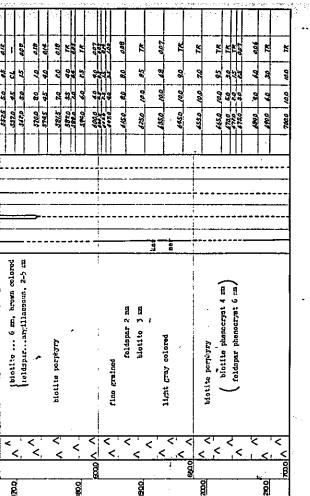
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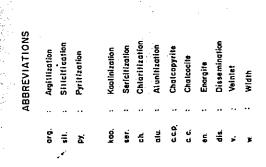
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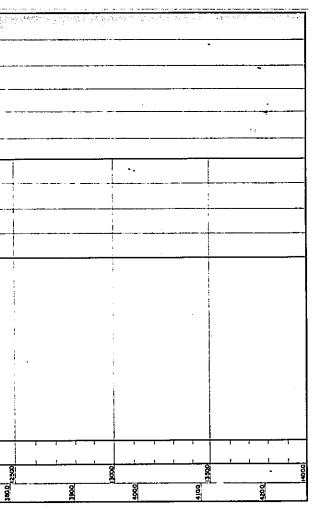
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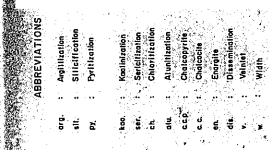
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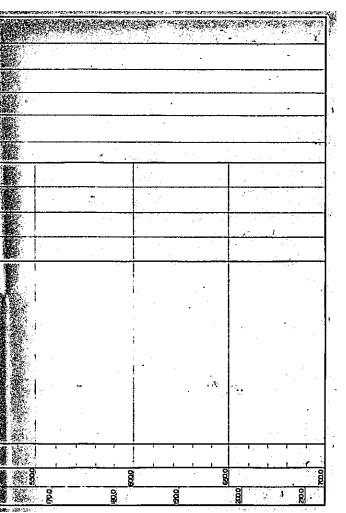
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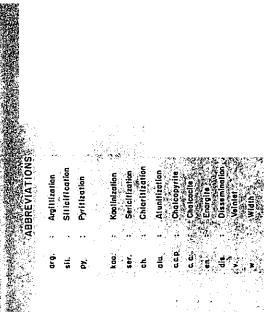


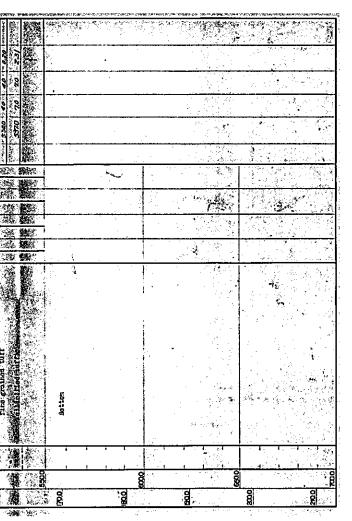
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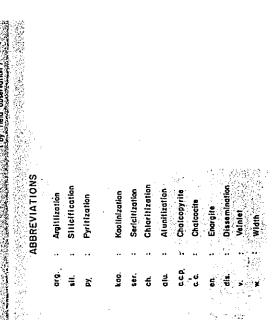


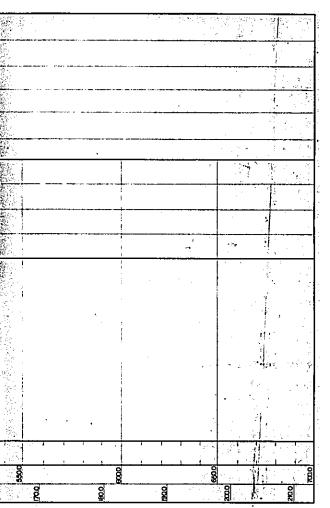
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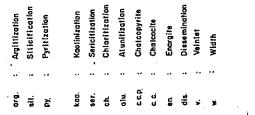


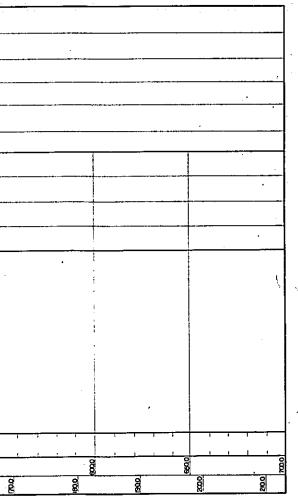
			GEOLOGICAL SURVEY OF	MONYWA AREA UNION OF BURMA	( PHASE II )	() -	CORE LOG and ASSAY		TIC DI C Sheet I	Tatal Length 5.0.0. 0 feet Core Recovery Y	Lecolion Sabedaung	0 Inclination		Fog	Legged by S. MONONOBE	•		ING AGENCY	TECHNI		SEPTEMBER 1974	Prepared by withun Kinzonu Engineering Servict Co. LTD.												Mudstone	Sandstone	<u>ିର୍ଘର</u> ୁ Tuff. Lopilli fuff Tuff breccio.	Rhyolite	Porphyry biolite porphyry quartz - biolite por	Brecciation	of plane structures.	( bedding plane intrusive boundary etc )		DEGREE OF ALTERATION AND MINERALIZATION	pyrlfiza	fresh < 55 % < 1 % < 0.2 %			medium 65 × 80 % 5 × 10 % 0.6 × 0.9%	strong > 80 % > 10 % > 1 %	*		into clay minerals atmost att the feld	changed into clay minerals	enter strong : not only fedspar phenocrysts but also ground- strong : more channed into clay minerals	mats changed into coay
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国账谥介李亲团 08816 团考天科经业者	PL 1-9-36	GEOLOGICAL SURVEY OF MONYWA AREA UNION OF BURMA	( PHASE II )	CORE LOG and ASSAY	D.D.H. No. 32 Sheel 1	et Core Recovery	Sabedaung Elevation 10:	1	. 1		 METAL MIN	OVERSIAS IECHNICAL COLFERNION GOVERNMENT OF JAPAN		Prepared by withsum kimizanu Enconefisime service co. Ltd.									LEGEND	Mudstone	Sandstone	은 2015년 Tuft Lopith huft Tuft breccia.		Brecciction	Inclination of plane structures	( bedding plane intrusive boundary etc )		RATION AND MINERALIZATI	pyrltiza	resh 1 < 55 % 1 % < 0.2 %	weok 55 ~ 65 % 1 ~ 5 % 0.3 ~ 05%	medium 65 ~ 80 % 5 ~ 10 % 0.6 ~ 0.9 %	strong > 80 % > 10 % > 1 %	-	tered ; of fektspoi	into ciay minerois medium : alinost alt the fe	changed into alay i not anly feldspar phenocrysi	mass changed into clay minerals	shirth and the second second second second second second second second second second second second second secon	
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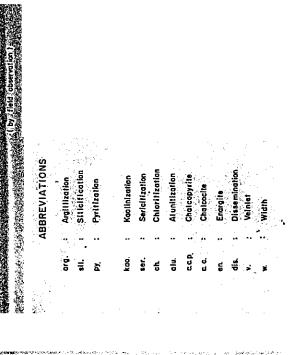


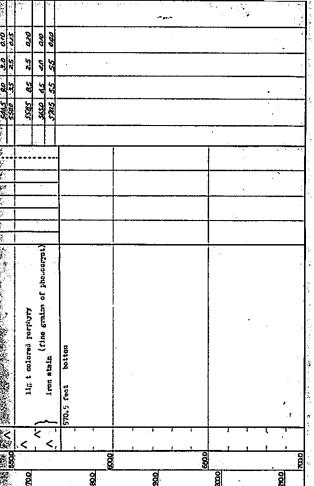


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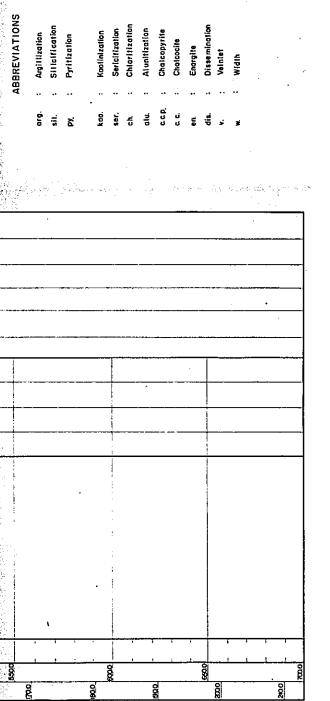
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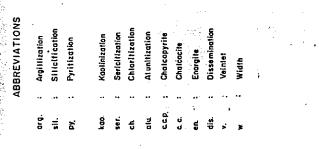




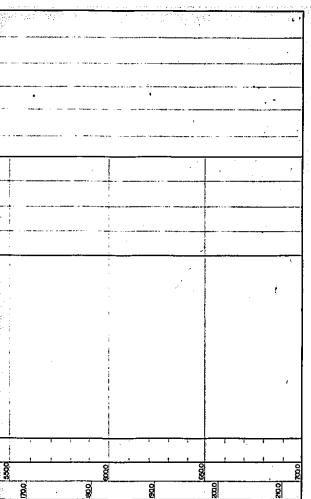
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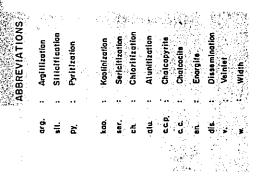
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