Part III Conclusions and recommendations

Chapter 1 Conclusions

(1) Terupid West Sub-area

The laterite soil of the Telupid West shows similar vertical profile and chemical character to the laterite soil of the typical Ni laterite deposit elsewhere in the world. The typical laterite soil succession of the Telupid West consist of laterite soil, laterite soil with weathered peridotite fragments and saprolite.

A very wide range of Ni grade, ranging from less than 100 ppm to more than 2 %, was obtained from the laterite soil and saprolite of the Telupid West. Although vertical chemical variation exists at each site, it is considerably small compared with a large lateral variation. This in addition to shallow development of laterite soil especially around central hill may suggest the laterite soil of the Telupid West to be premature.

Although relatively high grade soil (more than Ni 0.8 %) occur along and around crest of the central hill, the thicknesses are restricted in 2 m to 3 m. While, thickness of the laterite soil reaches more than 5 m in flat area, but Ni grade in very poor. The limited lateral and vertical distribution of relatively high Ni, only along and around the crest of the central hill implies that ore reserve is not enough for further exploration and exploitation of Ni laterite of the Telupid West.

(2) Pinanduan Sub-area

The alteration and mineralization found in the area is not intense. It occurs only in restricted area surrounding intrusive bodies of gabbro where relatively intense alteration zone with strong serpentinization occur accompanied by weak pyrite dissemination, and clay minerals such as chlorite and montmorillonite ware found. No clear evidence of the mineralization and alteration that reflecting Cu, Ag and Ni anomalies that extracted during the Supra-regional survey was found.

The IP anomalies obtained by the survey, on the other hand, coincide very well with distribution of Cu anomalies of the Supra-regional survey. While, no clear indication of IP effect, corresponding to alteration and week pyrite dissemination found by geological survey was obtained.

Relatively intense IP anomaly obtained in the southwestern part of the area correspond to the location of sulfide mineralization with chalcopyrite found by the previous survey. This may implies an occurrence of considerable amount of sulfide underneath the surface. The most intensive anomalies were obtained over the area from southwestern part to northeastern (northern part of Line B north, Line D middle, Line E north, Line F south and Line G middle). No clear alteration and mineralization were found by geological survey over this area, however, these clear anomalies suggests an existence of possible sulfide veins or dissemination underneath the surface of the area.

The intense anomalies covering the distribution of geochemical anomalies suggest a further detailed survey to be conducted in the area to clarify IP anomaly source.

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(3) S. Imbak Sub-are

1) S. Imbak Sub-area North

The main mineralization and alteration occur within approximately, $2 \text{ km} \times 2 \text{ km}$ wide, zone of silicified/pyrite (arsenopyrite) dissemination in the central south part of the area where many intrusive bodies of diorite porphyry occur. Au and Ag bearing quartz-sulfides (pyrite, arsenopyrite) veins and lens of 10 cm to 25 cm wide occur, sporadically, in the silicified/pyrite dissemination zone. Assay results of them show Au ranging from 8 g/t to 72 g/t and Ag ranging from 30 g/t to 196 g/t. The mineral assemblages of them are pyrite, arsenopyrite, chalcopyrite and two samples show small grains of native gold surrounded by arsenopyrite.

The mineralization in the area is characterized by Au - Ag type related to intrusion of diorite porphyry. Considering from the geological environment, mineral assemblages of ore minerals and alteration minerals, this mineralization is not an epithermal type. However, type of silver minerals occurring in the area and relatively high Ag compared to Au suggest temperature of mineralization to be relatively low. One of the possibility is that this area is located at the outer margin of a porphyry copper type mineralization. The intrusion age of the diorite porphyry is contemporaneous to the intrusive rocks of Mamut mine, which is Au rich porphyry copper type mine.

The distribution of IP anomalies obtain by the survey correspond well with distribution of silicified/pyrite dissemination zone in the central south of the area and anomaly seems to extend further south. The strongest anomaly is located from south end of Line D to central south of Line F in the silicified/pyrite dissemination zone. The Au anomaly of rock geochemical survey in the southern part of the area correspond to the medium to strong chargeability anomaly with more than 20mV/V. The strong chargeability anomaly with 30mV/V at the central south of Line F correspond to the location where Cu and S anomalies overlap. Consequently, there is strong indication of an existence of sulfide in the area surrounding central south of Line F.

The potentiality of sulfide mineralization is high and further detail survey in the area is awaited.

2) S. Imbak Sub-area South (Gunong Kuli)

Numerous intrusive bodies of diorite porphyry were found along both slopes of the ridge that runs in the center of the area. Dating shows their age of intrusion to be early Pliocene. The silicified/pyrite dissemination zones occur in the sedimentary rock along the slopes of the ridge, closely associated with intrusion of diorite porphyry. The most intensive silicified/pyrite dissemination zone occur in the northwestern part of the area and the central part of the area. The one in the central part of the area shows a chalcopyrite dissemination in the diorite porphyry, in addition to pyrite dissemination of the sedimentary rocks. The polished section of this shows a small grain of native gold surrounded by chalcopyrite. The southern extension of the mineralization that occurs in the S. Imbak Sub-area was confirmed along the ridge of Gunong Kuli.

Geochemical survey shows distributions of overlapping Au, Cu, Hg, S anomalies and high value zones over the areas of silicified/pyrite dissemination zones northwestern and central parts of the area. These areas are also covered by high factor score zones of, respectively, Factor 2 and Factor 6. These area of high factor score have high potentiality for the mineralization.

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Chapter 2 Recommendations for the future

(1) Telupid West Sub-area

Although relatively high grade soil occurs along and around crest of the central hill, the thicknesses are restricted in 2 m to 3 m. While, thickness of the laterite soil reaches more than 5 m in flat area, but Ni grade in very poor. The limited lateral and vertical distribution of relatively high Ni, only along and around the crest of the central hill implies that ore reserve is not enough for further exploration and exploitation of Ni laterite of the Telupid West.

(2) Pinanduan Sub-area

To the IP anomalies at the upper stream of S. Pinanduan, a detail geological survey $(3km \times 3km)$ including rock geochemical survey to clarify the IP anomaly source and IP geophysical survey to trace detail distribution of anomaly are recommended (Fig. III-2-1).

(3) S. Imbak Sub-area North

Detailed survey including bellows in the silicified/pyrite dissemination zone in central south part of the area are recommended for evaluation of sulfide mineralization underneath the area(Fig. III-2-2).

1) preparation of accurate topographic map over the area of silicified/pyrite dissemination

2) detail geological survey (4 km \times 3km)

3) IP geophysical survey

4) drilling to IP and geochemical anomalies

(4) S. Imbak Sub-area South (Gunong Kuli)

Semi-detail geological survey and rock geochemical survey are recommended to the northern part of the area (7 km \times 7 km) (Fig. II-2-3).

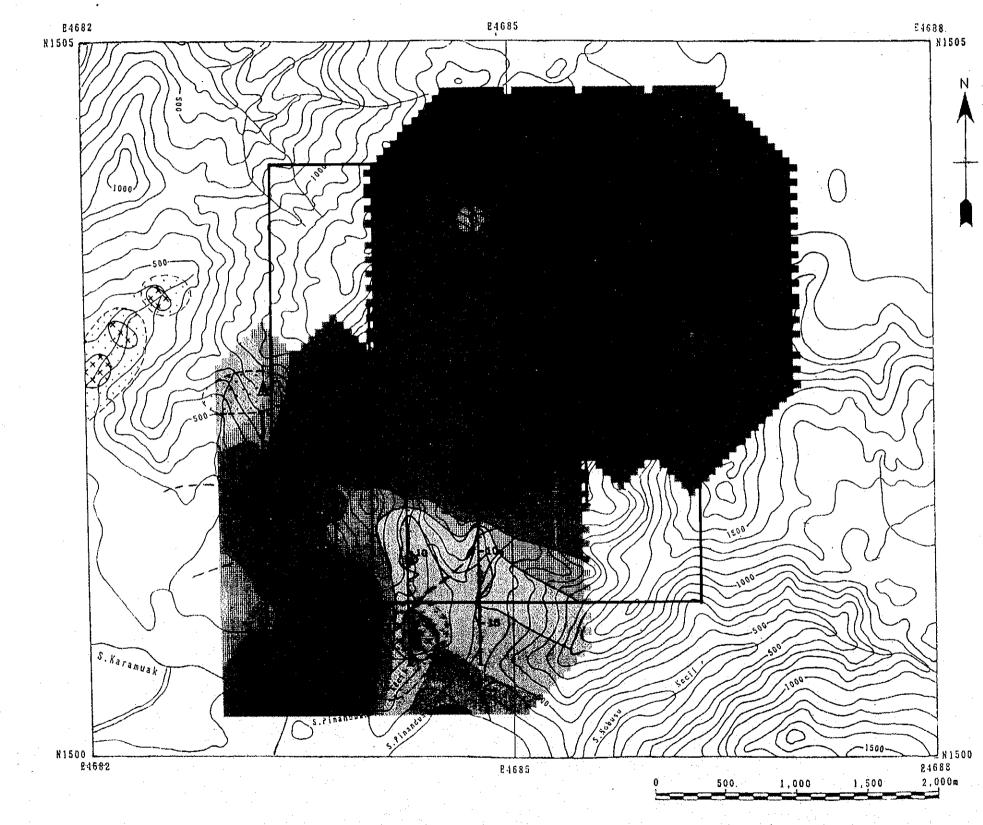
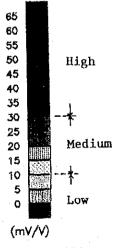


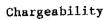
Fig.III-2-1 Recommendation for future work in Pinanduan Sub-area

LEGEND

Phase II Survey

	Detailed Geological Survey
1111	IP Survey Lines
•	Drilling Site
\bigcirc	Cu > 301 ppm
×	Gabbro
(E)	Altered and/or Pyrite dissemination





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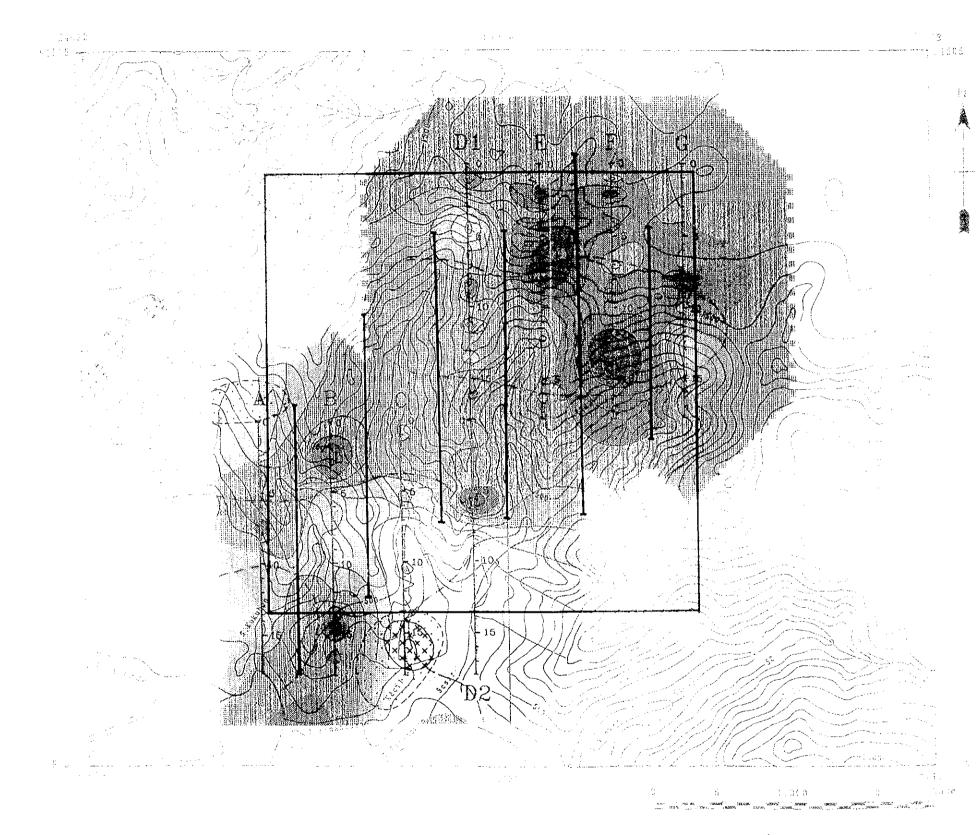
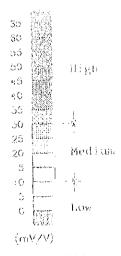


Fig.III-2-1 Recommendation for future work in Pinanduan Sub-area

LEGEND

Phase 11 Survey

پین : مرز با با	Detailed Geological Survey
	IP Survey Lines
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	$C_D > 301$ ppm
y C	Gabbro
	Altered and/or Pyrite dissemination



Chargeability

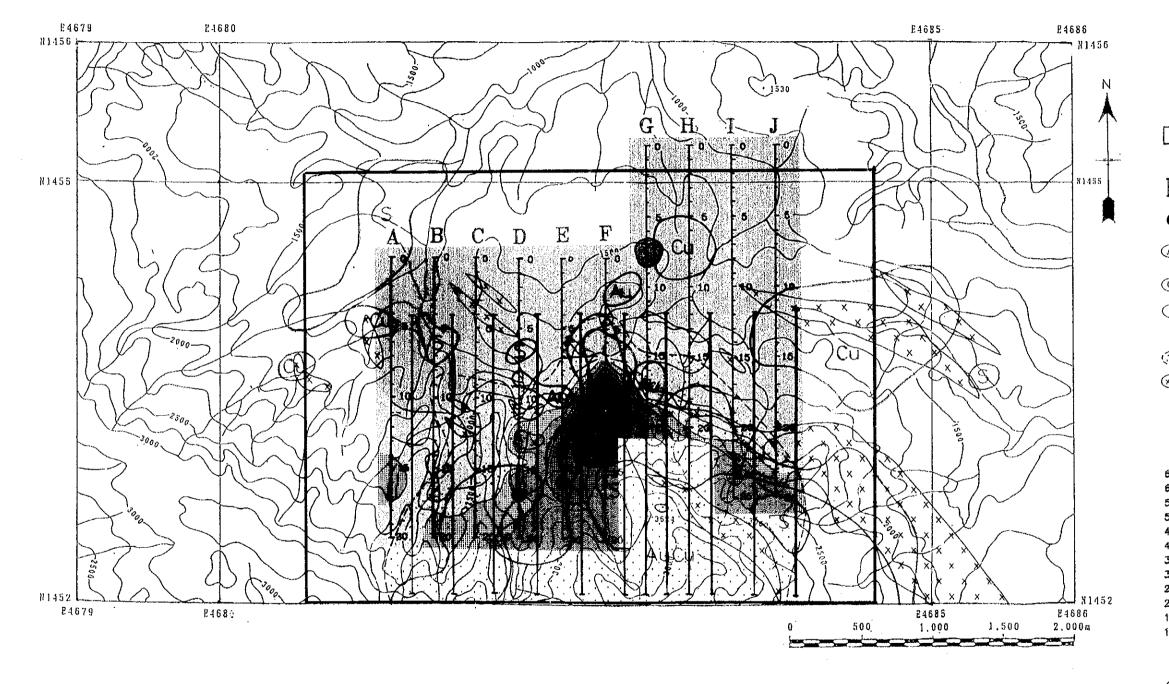
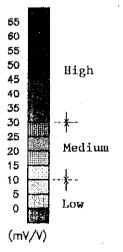


Fig.III-2-2 Recommendation for future work in S.Imbak Sub-area

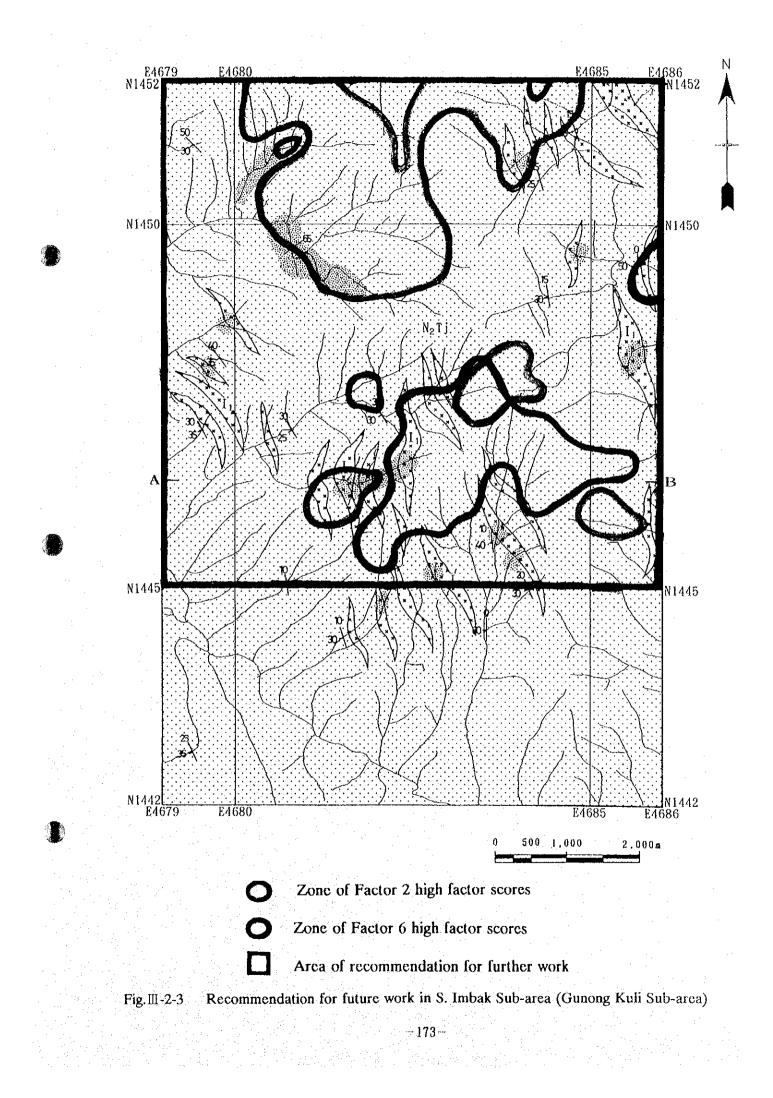
LEGEND

Phas	e II Survey
	Detailed Geological Survey
	IP Survey Lines
•	Drilling Site
Au	Au > 5 ppb
Cu	Cu > 33 ppm
S	S > 0.56 %
	Diolite Porphyry
\times	Silicified Zone



Chargeability

-171~172-



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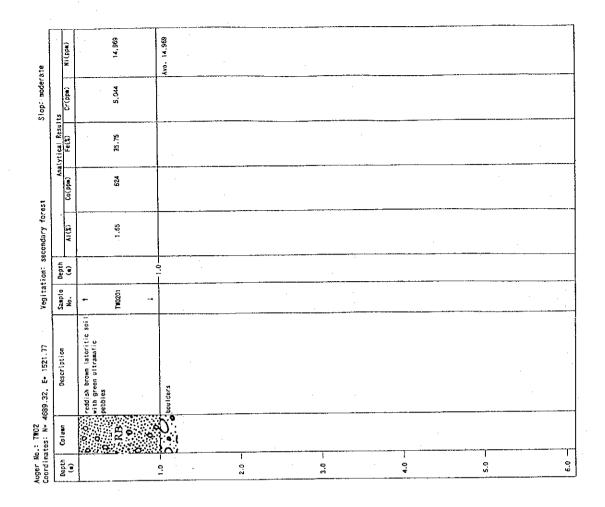
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Appendix 1

Description and analytical results of hand auger soil samples

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14, 175 13, 395 12.744 Ave. 13,438 (add) iK Slop: steep 6.225 S.941 3, 783 Analytical Results Co(pp#) Fo(%) Cr(pp#) 50.79 52.47 31.49 642 745 481 Yegitation: secondary forest A1 (%) 2.53 3.00 1.20 Sample Depth No. (m) -01 - 2.0 2 TWOMOT TN0402 THOMOS -+ + •--+ -+ reddish brown lateritic soil Auger No.: TWO4 Coordinates: N⇒ 4689.31, E→ 1521.37 Description boulders Column ぞう RB Depth (m) 2.7 4.0 0 9.0 E 2.0 5.0

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- A 4 -

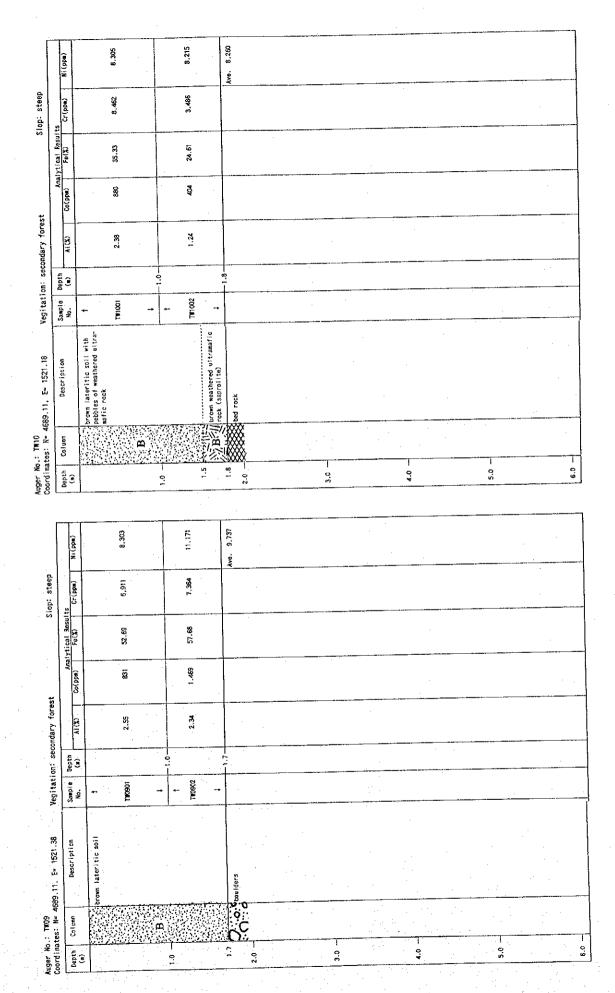
83 452 531 1,073 88 1,453 Ni (ppa) Ave. Cr(pps) 1,187 318 197 ğ Slop: flat 2.373 Analytical Results Co(ppm) Fe(%) 1 11.45 35.16 16.53 12.96 11.61 S 22 22 308 2 Vegitation: plantation of oil palm VI (X) 10.S4 10.11 9.78 **88**-6 8.83 Depth (m) 0.05 -0'E -0.4-2.0ģ ŝ Sample No. 110605 1110602 710603 TN0604 109011 -> +-+ ----**~** + -+ ---eddish brown lateritic soil dark brown soil with organic material(husic soil) orange brown lateritic soil Veith ultramafic pebbles Auger No.: TWO6 Coordinates: N≈ 4689.31, E= 5015.21 Description 5 ° 6 5 o.0 Column R.B 0.05 Depth (m) 4.1 2.4 2.0 -6.0 0.1 3.0

<u>8</u> 2 ž õ 496 Ni (ppm) Ave. 6 Slop: flat Cr(ppm) 513 165 **1**05 Analytical Results 5.11 6.37 4.78 9.83 (Ed(ppm) 36 43 32 ដ Vegitation: plantation of oil paim 7.58 7.03 (X) i V 8.39 9-34 (m) (m) -3.0-6 -2.0-Sampte No. 110502 TIN0503 T10504 TROSOIL + •--**.**----* -+ -+ ----+greenîsh'gray weathered Ultramafic rock (saprolito) orange brown lateritic soil brown lateritic soli with Auger No.: TWO5 Coordinates: Nº 4689.31, E^ 1521.16 Description fragments bedrock 00 9 9 9 8 Column Depth (m) 6.0 -- 0.1.1 1 4.0 ---2.5 3.0 5.0 5.0

- A 5 --

9,443 10,936 12,141 16.048 Ave. 12,142 Ni (ppn) Siop: moderate 7.737 7.509 7,059 7,296 Cr(ppm) Analytical Results 57.65 56.75 56.88 55.69 Co(ppm) 1.339 1,322 1.196 898 Vegitation: secondary forest AI (X) 2.10 3.02 2.46 2.03 Sample Depth No. (m) 3.0-2.0-9 110602 THO803 TWOBOM TN0801 . +--+ +----**-**---+ -eddish brown lateritic soil: Auger No.: T#08 Coordinates: N= 4689.11, E= 1524.58 Description **oulders** Depth Columan (ms) RB ĩ 6.0 0.1 2.0 5.0 10,576 8,476 181,11 Ave. 10,077 (mgg) į N Slop: flat 4, 604 5,049 Analytical Results Co(ppm) F9(\$) Cr(pm) 3,261 35.43 38.99 28.65 823 820 578 AI (S) 2.22 i6' i 2.37 Vegitation: grass Sample Depth No. (m) -2.0ò 0.5 TN0701 TW0702 TW0703 <u>+-</u> ۰. + *---+ --• dark reddish brown lateritic. soil with pebbles of yellowish ultramafic rock Auger No.: TW07 Coordinates: N= 4689.11, E= 1521.99 Description bouiders S_{\bullet} Column 2 Depth (m) 1.0.4 6.0 0 2.0 3.0 5.0

- A 6 -

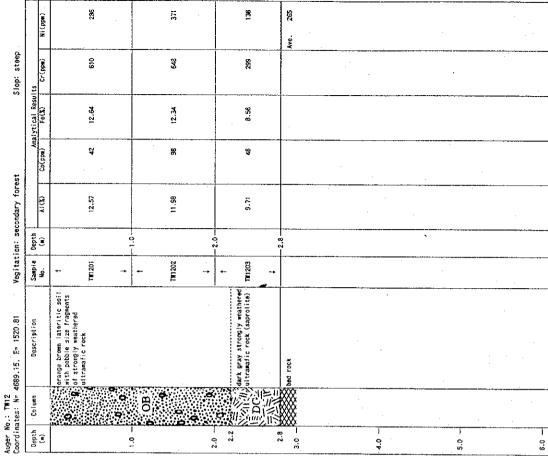


- A 7 ·___

ŝ Auger No.: TW11

Coordin	Coordinates: N= 4689.13,	4689.13, E= 1521.02	Vegitat	ion: sec	Vegitation: secondary forest	rest		Siop: moderate	ate	
Depth	Column	Bescription	Sample	Depth		UN.	Analytical Results	ts		
Ê			ŝ.	3	AF(%)	Co(ppm)	Fe(3)	Cr(ppe)	Ni(ppm)	
-0			+	- 0.1-						
		fark brown soil with organic	-							
		fraterial (numic soil) (saprolite)	101101		8.23	36	5.86	286		38
	ି ଅନ	freddish brown lateritic soif								
			-+							
 			-	0.1						
1.2	Nile States									
• •	F. RB	with fragments of ultramafic								
4 -	1	t rock	100		90 g	9				101
- -		reddish brown strongly weathered uitramafic rock	7011		60.9	₹	6C-0	<u> </u>		5
2.0			-+							
5		bed rock							Ave.	436
				•						
•										
3.0			• • • •							
	•									
	. ;									
1.0.4	1								_	
	- :									
	2			••••						
										_
									_	
	•									
	•			•••						
5.0										
:										

A 8 ---- 6.0



:		Postation in	Samle	Denth		Apa	Ivtical Resu	ts	
Depth (a)	Column	nesce the out	Ho.	()	Ai (%)	(o(ppm)	F0(X)	Cr(ppm)	Ni (ppm)
	-	dark brown lateritic soil with ultramafic rock pebbles	•						<u> . </u>
	e		TT1401		0.98	314	17.14	3.531	3.672
	0						·		
0.			-	0.					
	ø		TW1402		0.92	335	17.13	162.2	3,695
	Ð		-+						
2.0 -) (D	boulders		- 2.0					Ave. 3,684
) 1								
			÷						
3.0									
	· ·								
					_				
1 0.4									
- - -	,								
	· .					-			
									•
6.0	T				-				

Jepth (Coluam Description	Sample No.	Bepth (a)	AI (%)	Co(ppa)		Fe(X)
<u> </u>	orange brown lateratic soil	+			45		12.82
σ c		- →	· · ·				
<u></u>	orange brown lateritic soil. with strongly weathered ultramafic rock fragments	+	0.1			1.	
<u>.</u>	OB S	2021		13.41	22		13.35
	Manual Contract Contraction Contracti Contraction Contraction Contraction Contraction Cont	-+ +-	-2.0-				
1.2.11		TM1303		13.04	100		11.60
\$ <u>707</u> 8	yellowish brown strongly Seathered ultramatic rock (1) (saprolite)	*		-			
4-11 ···		+	3.0			<u> </u>	
. د است		TWISON		06 11	Ξ		10-09
	ALTIVA						
			-				
T							
							
	-						
	· · ·						

- A 9

Slop: moderate

Auger No.: TW16 Coordinates: N= 4688.96, E= 1521.59

13,879 8,949 8,782 Ave. 10,002 8,397 Ni (ppa) Anafytical Results Co(ppm) Fe(%) Cr(ppm) 8,895 7,963 8,628 7,045 58.14 53.50 52.1**4** 57.80 2.132 266 221 36) Vegitation: secondary forest AI (%) 2.18 3.41 3.34 3.20 Saaple Depth No. (=) 0 60 5. 2. ۵. ۵ 1001604 TE:802 TY1603 1095111 +-+ **.**... -----+ +-orange brown strongly weathered, clayey ultramafic reddish brown lateritic soif orange brown lateritic soil Description rock (saprolite) mage of the sect OB RB 2.0 - OB Column 2.6 4 5 1.6 Gepth (=) - 0' | 0.0 5.0

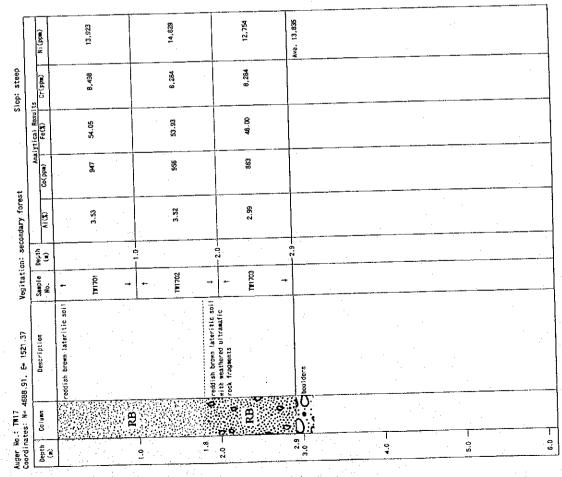
6.0 I

3,367 3,635 3,682 Ave. 3,561 Ni (ppa) Slop: steep Analytical Rosults) | Fe(%) | Cr(pm) 2,630 765 3,361 10.10 76.92 20.09 ¢12 360 203 Co(pps) Vegitation: secondary forest VI (X) 8 0.49 1.25 Sample Depth No. (*) 0 ŝ 8 105101 Tin 502 101503 **-**-+---+ **.**... -+ reddish brown lateritic woll with ultramafic rock pobbles Itramafic rock (saprolite) greenish gray weathered Auger No.: TWIS Coordinates: N= 4688.90, E= 1524.85 **Description** bed rock RB KB Column Cepth (=) 2.0 -1 8 6.0 --2.5 1 3.0 5.0

- A 10-

			Como la	Dest h		Åna	Atical Resul) 15	
Depth (m)	Column	Description	No.		AI (%)	Co(pps)	Fe(%)	Cr(ppm)	Ni (ppm)
		orange brown lateritic soil	+-						
			1081111		2.56	832	48.36	7,176	10,505
	e e		-•						
1 01	3		-						
			TW1802		1.72	EL.	42.38	4,509	10.357
			-+						
1.5	50	boulders	<u> </u>	80 1 1					Ave. 10.431
2.0									
- С.С.	- -								
							_		
4.0									
	<u>. </u>								
5.0									
								. 	
			.						
1	_						-		

and the second



- A 11-

Auger No.: TW19 Coordinates: N= 4588.91, E= 1520.78

RB Monoport Monoport <th>Depth</th> <th>Column</th> <th>Description</th> <th>Sample</th> <th>Depth</th> <th></th> <th>Ani</th> <th>alytical Rosu</th> <th>ts</th> <th></th>	Depth	Column	Description	Sample	Depth		Ani	alytical Rosu	ts	
RBS realist brown latertic soil 1	<u>e</u>			No.	2	AI (%)	Co(ppm)	Fe(%)	Cr(ppm)	Ni (ppe)
			reddish brown lateritic soil							
		ß		106181	-	2.99	505	53.41	8,870	12,605
	0,+			+						
	1 - 1	No No	boulders		?					Ave. 12.606
	2.0			······						
			<u> </u>							
	-									
	2									
			- -				<u></u>			
			· · · · · · · · · · · · · · · · · · ·		·					
						ч. Ч.				
	0			<u>;-</u>						-
						· .				:
		also also also			· ·					

A12-

276 466 278 281 325 Ní (bpe) Ave. Slop: moderate 566 414 457 Analytical Results) { Fe(%) | Cr(ppm) 419 9.03 8.07 6.60 6.27 36 5 \$ ន Co(ppm) Yegitation: secondary forest 9.22 8.24 A1 (30) 8.24 7.43 Sample Depth No. (=) 1.0-2.0 --3.0-TW2001 TN2002 TN/2003 7112004 **-**+ ٩., •--+--+ -------• The second secon Promission strongly washered promission strongly washered in transfic rock. testure in the strongly specific rock testure in the strongly specific Auger No.: TW20 Coordinates: N= 4688.91, E= 1520.57 Description bed rock Depth Column (a) Ì 6.0 0 2.0 -4.0 5.0

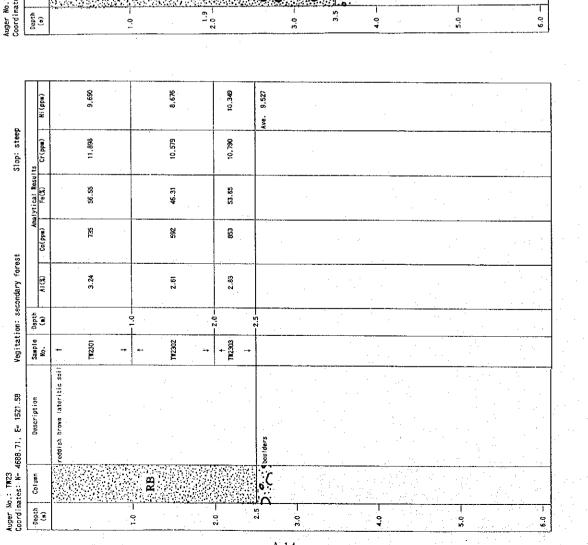
6.0 |

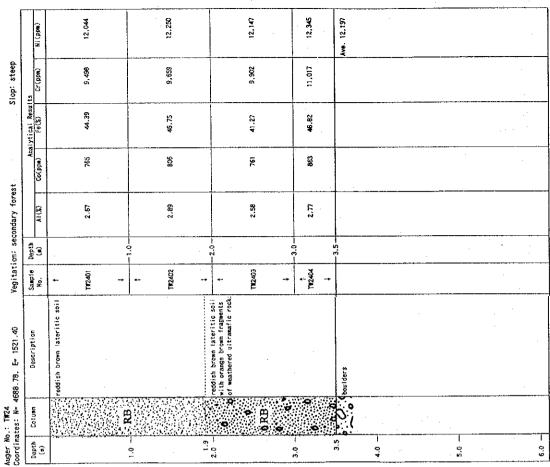
ļ		Topostics	Sample	Decth		Ana	ytical Resul		
(a)	11110		No.	3	At (\$)	Co(pp=)	Fe(X)	Cr (ppm)	Ni (ppe)
		reddisk brown lateritic soil	4						
~			11/2201		1.59	669	22-06	9,437	6,021
<u>(* (*</u>			-+	-					
1.7. 1 2	88		•-	2					
						1	5		
	. <i>j. : :</i> : ; ; ; ;		142202		8.	63	4	CE0*0	
			-+						
2.0			+-	-2.0			5	0 011	×
			1 1 1 1 1 2 2 0 3		<u>.</u>	 75	7.07	9/210	1
2.5	0			- 2.5-					Ave. 6,632
Ķ	0. (
3.0					ŗ				
									, .
5.0					-				
<u> </u>									
							•		
- - -					_				-

307 . 365 359 221 366 ង្ក Ni (ppa) Ave. 346 8 Cr (pps) **8**29 425 Slop: flat Analytical Results Co(ppm) Fo(%) (12.10 12.85 12.24 13.35 13.38 6 8 \$ ន នា Vegitation: plantation of oil palm 11.15 11.20 -- (%) IV 10.75 10.08 9.51 Sample Depth No. (m) -0.6 0.05 2.0ģ 71/2105 112104 T#2102 TW2103 orange brown lateritic soil [TW2101 ---+ +----÷ -+ -Orange brown lateritic soil with reddish brown OB O crange brown lateritic soil is with reddish brown, strongly is meathered ultramafic pebbles orange brown lateritic soil Ultramafic rock (saprolite) reddish brown weathered Auger:No.: TW21 Coordinates: N= 4688.91, E= 1520.37 Description E CONTRACTOR OB . OB 280 • • Depth Column (a) 0 Q. 0-02 0-02 6.0 0.4 2.0 -2.8 - 0.E 1.2 . 2.0

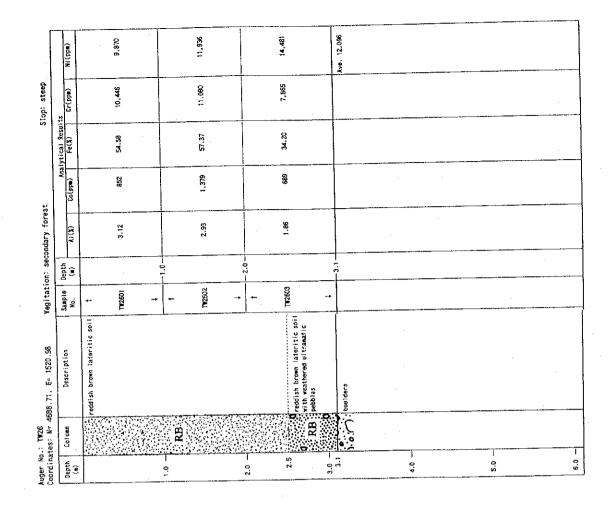
0

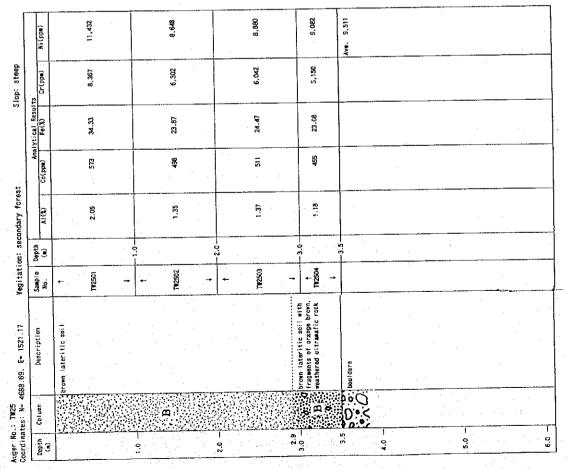
- A 13-





- A 14 -





- A 15-

Auger No.: TW27

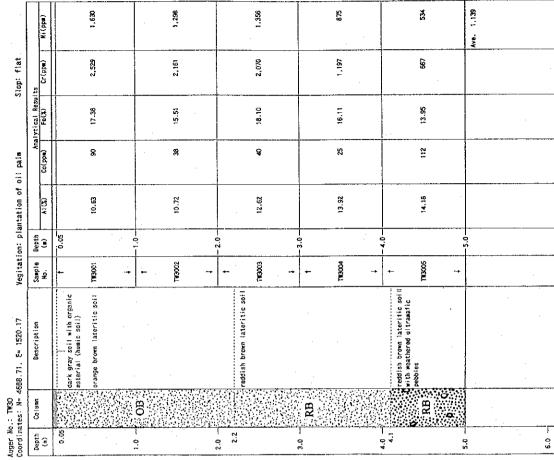
Depth	Column	Description	Sample	Depth		And	siytical Resu	ts	
3			1 °2	3	AI(\$)	Co(ppa)	Fe(%) Cr(ppa)	Cr(pps)	Ni (ppm)
		readish brown lateritic soil	.						
			142701		3.13	646	49.64	9,486	8,252
1.0	Ð			- 0.1					
			T#2702		2.82	1,020	49.56	10.924	6,902
1.8		boulders	•	8.1					Ave. 9,077
2.0									
3.0 2.0		· · · ·							
		-							
;	 ;	· · · · · · · · · · · · · · · · · · ·							
1 A.									
		•							
2.0									
					·				•
		 				<u> </u>			
									•
5.0								_	•

8,969 Ave. 8.475 7,981 Ni (ppm) Slop: moderate Anntytical Results Colppm) Fe(%) Cr(ppm) 12.013 12.328 49.55 49.88 616 730 Vegitation: plantation of cil palm AI (\$) 3.35 3.39 Sample Depth No. (m) 8,0 ģ 7112802 192801 •--+ --Auger No.: 1928 Coordinates: N= 4688.71, E= 1520.57 Bescription prown lateritic soil Column e Depth (m) 3.0 6.0 + 10.4 5.0 -2

- A 16 --

Auger No.: TW29 Coordinates: N= 4688.71.

Inc. (a) A1(3) Co(pas) Fe(3) Co(pas) Co(pas) <thco(pas)< th=""> <thco(pas)< th="" th<=""><th>Dep</th><th>th Column</th><th>Description</th><th>Sample</th><th>Depth</th><th></th><th>Ana</th><th>Analytical Results</th><th>15</th><th></th></thco(pas)<></thco(pas)<>	Dep	th Column	Description	Sample	Depth		Ana	Analytical Results	15	
reductable forom lateritie soil 1 1 10 10 13.5 10.4 17.55 1.583 10 10 10 10.6 17.55 1.583 10 10 10 10.6 10.55 10.66 10 10 10.6 10.55 10.6 10.65 10 10 10.6 10.55 20.6 10.65 10 10 10.6 10.55 20.6 10 10 10.6 10.55 20.6 10 10 10.6 10.55 20.6 10 10 10.6 10.57 20.6 10 10 10.5 25 10.6 10 10 10.5 25 10.6 10 10 10.5 25 10.6 10 10 10.5 25 10.6 10 10 10.55 10.6 10.6 10 10 10.5 25 10.6 10 10 10.5 25 10.6 10 10 10.5 25 10.6 10 10 10 10 10.6 10 10 10 <th>5</th> <th></th> <th></th> <th>Ko.</th> <th>3</th> <th>AI (%)</th> <th>(o(bba)</th> <th>Fe(%)</th> <th>Cr(pps)</th> <th>Hi(ppm)</th>	5			Ko.	3	AI (%)	(o(bba)	Fe(%)	Cr(pps)	Hi(ppm)
RB: TESOI 5.8 164 17.35 1.683 1.0 -			reddish brown lateritic soil							
RB TEGOI 8.82 164 17.55 1.666 10 10 1 1 1.06 1.155 1.666 11 10 11 10 11.57 1.666 11 10 11.51 1.66 11.65 11 10 11.51 1.666 12 11.65 11.57 1.656 13 14.46 11.67 1.666 14 10 11.51 1.656 15 10.11 103 11.57 1.656 15 10.11 103 11.57 1.656 15 10.11 103 11.57 1.656 16 11.57 1.656 1.053 1.1567 16 11.57 1.656 1.053 1.1567 16 11.57 1.656 1.1567 1.1567 17 1 1.0 1.157 1.656 16 11.57 1.1567 1.1567 17 1.1567 1.1567 1.1567 16 11.57 1.1567 1.1567 17 1.1567 1.1567 1.1567 16 1.1567 1.1567 1.1567 16 <	•									
RB 10 13 14.46 1006 16 13 14.46 1006 16 10 11.36 13 14.46 1006 20 11.57 10 11.57 10 10 20 11.57 10 11.57 10 20 11.57 10 11.57 10 21 11.57 10 11.57 10 21 11.57 10 11.57 10 21 11.57 10 11.57 10 21 11.57 10 11.57 10 21 11.57 10 11.57 10 21 11.57 10 11.57 10 22 10.53 10.53 11.57 10 23 11.56 10.53 11.56 11.56 24 10.55 10.53 11.56 11.56 25 10.55 10.53 11.56 11.56 25 10.55 10.55 10.53 11.56 25 10.55 10.55 10.53 11.56 26 10.55 10.55 10.55 10.55 26 10.55 10.55 1				112301		3-32	164	17.55	1, 583	3,000
1.0 1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 1.1 1.1.0 1.1.0 1.1.0 1.1.0 1.1.0 2.0 1.1.1 1.1.0 1.1.5 82 1.1 1.1.1 1.0 11.5 82 1.1 1.1.5 1.1.5 82 1.1 1.1.5 1.1.5 82 1.1 1.1.5 1.1.5 82 1.1 1.1.5 1.1.5 82 1.1 1.1.5 1.1.5 82 1.1 1.1.5 1.1.5 82 1.1 1.1.5 1.1.5 82 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.5 1.1.5 1.1 1.1.5 1.1.		RB			·			•		
1.6 1.1.59 1.1.59 1.1.68 1.0.68 2.0 1.1.51 1.1.69 1.1.69 1.0.68 2.0 1.1.51 1.1.51 825 2.0 1.1.51 1.1.51 825 2.0 1.1.51 1.1.51 825 2.0 1.1.51 1.1.51 825 2.0 1.1.51 1.1.51 825 2.0 1.1.51 1.1.51 825 2.0 1.1.51 1.1.51 825 2.0 1.1.51 1.1.51 825 2.1 1.1.51 1.1.51 825 2.1 1.1.51 1.1.51 1.1.55 2.1 1.1.51 1.1.55 1.1.55 2.1 1.1.51 1.1.55 1.1.55 2.1 1.1.51 1.1.55 1.1.55 2.1 1.1.55 1.1.55 1.1.55 2.1 1.1.55 1.1.55 1.1.55 2.1 1.1.55 1.1.55 1.1.55 2.1 1.1.55 1.1.55 1.1.55 2.1 1.1.55 1.1.55 1.1.55 2.1 1.1.55 1.1.55 1.1.55 2.1 1.1.55 1.1.55 1.1.55 <				-+	•					
1.6 Treed 1.1.55 1.4.46 1.068 2.0 Treest shown, strengly exercised, curry streamlic restreamly 1.1.51 825 3.0 Treest shown, strengly 1.0.11 103 11.51 825 3.0 Treest shown, strengly 1 2.0 1.1.51 825 3.0 Treest shown, strengly 1 1 1.03 11.51 825 3.0 Treest shown, strengly 1 1 1.03 11.55 825 1.1 1.1.51 1.1.55 1.1.55 825 1.1.55 825 1.1 1.1.55 1.1.55 1.1.55 825 1.1 1.1.55 1.1.55 825 1.1.55 1.1 1.1.55 1.1.55 825 1.1.55 1.1 1.1.55 1.1.55 1.1.55 825 1.1 1.1.55 1.1.55 1.1.55 1.1.55 1.1 1.1.55 1.1.55 1.1.55 1.1.55 1.1 1.1.55 1.1.55 1.1.55 1.1.55 1.1 1.1.55 1.1.55 1.1.55 1.1.55 1.1 1.1.55 1.1.55 1.1.55 1.1.55 1.1 1.1.55 1.1.55				+	2					
1.6 1.6 1.4.66 1.4.66 1.008 2.0 1.0111 10111 1.011 1.011 1.008 2.0 1.011 1.011 1.011 1.011 1.013 1.0 1.115 1.115 825 1.0 1.115 1.115 825 1.0 1.115 1.115 825 1.0 1.115 1.115 825 1.0 1.115 1.115 825 1.0 1.115 1.115 825 1.0 1.115 1.115 825 1.115 1.115 1.115 825 1.115 1.115 1.115 825 1.115 1.115 1.115 825 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115 1.115										
1.6 ************************************	. <u>.</u> .			TH2902			135	14.48	1,068	2,063
2.0							-			
2.0			weathered, clayer ultramafic							_
10.11 10.11 10.11 10.3 11.57 825 10.11 10.11 10.3 11.57 825 11.11 10.13 125 10.13 1267 10.11 10.13 125 10.33 1.267 11.11 10.13 125 10.33 1.267 11.11 10.13 125 10.33 1.267 11.11 10.13 125 10.33 1.267 11.11 10.13 125 10.33 1.267 11.11 10.13 125 10.33 1.267 11.11 10.13 125 10.33 1.267 11.11 10.13 125 10.33 1.267 11.11 10.15 10.05 10.05 10.05 5.0 10.65 10.05 10.05 10.05 5.1 10.65 10.05 10.05 10.05	- - -	三三	rock, texture preserved							
3.0 11.57 325 3.0 17280 10.11 103 11.57 325 4.0 17280 10.73 125 10.33 1.267 4.6 10.13 125 10.33 1.267 5.1 10.05 85 7.71 908 5.2 10.65 85 7.71 908	3		(Suprovise)	+	1					
3.0 11.57 325 3.0 11.787 10.11 103 11.57 32 11.57 33 11.57 33 11.57 33 11.57 33 11.57 33 11.57 33 11.57 33 11.57 10.33 11.57 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 11.567 10.33 5.0 11.567 5.0 11.567 5.1 1.55 5.2 1.55			•							
30 11.51 10.1 10.3 11.57 255 11 11 10 11.57 255 11 11 10 11.57 255 11 11 10 10.13 12.57 255 11 11 10 10.13 10.13 11.267 11 11 10 10.13 12.57 266 11 11 10 10.13 12.57 266 11 11 50 10.05 85 7.71 206 5.0 10 5.2 10.05 85 7.71 206	•	三次三人	-							
30 - 11 YB - 30 11 YB - 30 11 YB - 30 11 YB - 30 10.33 125 10.33 1.267 1 - 40 10.33 125 10.33 1.267 1 - 267 1 -				TW2903		E . 0	103	11.57	528	
3.0 - 1/1 YB 4.0 - 1/1 YB 4.		る言語								
3.0 -[1] YB/ - - -3.0 - 4.0 10.13 125 10.33 1.267 4.0 10.13 12.5 10.33 1.267 4.0 10.13 12.5 10.33 1.267 5.0 10.15 85 7.71 908 5.0 -1/1 908 10.05 85 7.71 5.0 -1/1 5.2 -1/1 908		が加盟		-+		1. I				
1.267 10.33 1.267 1.267 10.33 1.267 1.267 10.33 1.267 1.267 10.33 1.267 1.267 10.33 1.267 1.267 10.33 1.267 1.267 1.267 1.267 1.267 1.267 1.267 1.160 1.267 1.267 1.160 1.267 1.269 1.160 1.267 1.269 1.161 1.267 1.267 1.161 1.267 1.269 1.161 1.267 1.269 1.161 1.267 1.269 1.161 1.267 1.261 1.161 1.267 1.261 1.161 1.267 1.261 1.161 1.267 1.261 1.161 1.267 1.261 1.161 1.267 1.261 1.161 1.261 1.261 1.161 1.261 1.261 1.161 1.261 1.261 1.161 1.261 1.261 1.161 1.261 1.261 1.161 1.261 1.261 1.161 1.261 1.261 1.161		÷	- - - -	•	- a.e -					
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6 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
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6 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 908 7.71 7.71 7.71 <td>4.0</td> <td></td> <td></td> <td></td> <td>-4.0-</td> <td></td> <td></td> <td></td> <td></td> <td></td>	4 .0				-4.0-					
1 1 10.05 85 7.71 908 1 5.31 5.31 5.31 5.31 908 1 5 5.31 5.3 5.31 908 1 0 5 5.32 10.05 85 7.71 908 1 0 5 5 5 5 5 908 1 0 5 5 5 5 5 1 0 5 5 5 5 1 5 5 5 5 5		三人の		-						
6 11 10.05 85 7.71 908 7.17 Greenish grey weathered 10.05 85 7.71 908 11 GG 5 Sepretite 1 5.2 10.05 85 7.71 908 11 GG 5 Sepretite 1 5.2 10.05 <td></td> <td>に反応</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		に反応								
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		11 66	(saprolite)							
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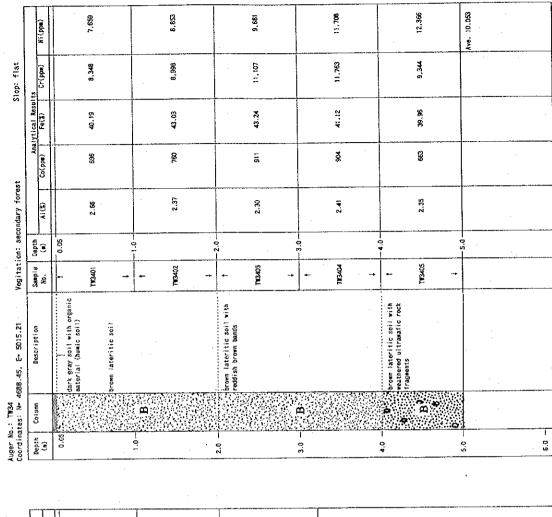
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7, 290 8.556 8.064 7,492 No. 7.687 7,032 Ni (pp#) Slop: moderate Analytical Results Co(ppm) Fe(X) Cr(ppm) 12,362 10,652 15,354 11,219 15,401 44.92 46.24 43.22 A8-03 46.61 1,053 619 1,196 1,582 1,23 Vegitation: secondary forest 2.96 2.77 P ~ 1.81 AI (3) 2.69 Sample Depth No. (m) 0.05 2.0ģ ġ 713202 TH3203 T#3204 TW3205 TN3201 -+ +-•-*****~~ or and brown lateritic soit with reddish from ultra-OB. malic rock fragments dark gray soil with organic material (humic soil) orange brown lateritic soil orown lateritic soil Auger Ho.: 1932 Coordinates: N= 4689.50, E= 1521.58 Description Depth Column (m) œ OB 0.05 . . 10.0 T 2.5 4.2 2.0 6.0 -3.0 S.0

Ave. 12,174 11,062 12,619 12,840 (mqq) (N Slop: steep Analytical Results Co(ppm) Fe(%) Cr(ppm) 10,992 11,580 12,091 54.24 51.71 53.96 1,060 1,039 976 Vegitation: secondary forest A1 (3) 3.64 3.61 3.42 Sampie Depth No. (m) 0 2.0 ĥ TNG101 TN3102 7113103 ++ 4--•---+ reddish brown lateritic soil Auger No.: TM31 Coordinates: N= 4688.57, E= 1521.88 Description boulders' 3. Depth Column (a) RB 1 0.4 100 2.7 S-0 9 2.0 9 O

- A 18-



9.72X 11,625 12,038 Ave. 11,131 (inqq) i N 10,374 11,779 9,351 Stop: flat Cr(pps) Analytical Results 38.61 47.98 53.32 Co(pps) 8S2 676 98 Vegitation: secondary forest 3.13 3.35 3.20 AIGS) Sample Depth No. (m) 0.05 1,1 2.0è 103302 1113303 T05301 +-÷ ---+ -+ dark gray soil with organic material (humic soil) Auger No.: TW33 Coordinates: N= 4688.50, E= 1521.38 brown lateritic soil Description bouiders B ø 0.0 P В Column 6.0 • Depth. 1 9 5.05 3.2 9.0 0.2 2 2.0

- A 19-

Auger No.: TN35

Coordinates: N= 4598.51, E= 1520.97 Depth Coluen Description (m)		Vegitat Sample No.	ion: pl Depth (m)	Vegitation: plantation of Sample Depth AI(3)	oîł pala Co(po≡)	Siop Analytical Results	Siop: flat ults Cr(cem)	Nê (coa)
dark gray soil with organic material (humic soil)	organic (/*/a		
dark brown lateritic soil		toseuu		58. 58.	821	40,66	8,751	9,267
	· · ·	113502		4.97	386	39°.87	7,490	10,623
•								
reddish and yellowish brown lateritic soil	•••••••	† Trasoa	}	8.8	ĝ	22-94	2, 765	066'2
		-	c (-	-
orange brown lateritic soil		three the	2	4.97	8	41.12	SE2, 9	5 ,4 01
	I <u></u>	+	0.4			-		
		TT13505		17.4	126	4. 14 35	197 6	£78.6
				• • .				Ave. 9,420
							· ·	

- A 20--

8:938 9,903 6,735 2,568 1,917 Åre. 6,012 Ni (ppm) 7,660 8.213 2,246 Stop: flat **8** Analytical Results Co(ppm) | Fe(X) | Cr(ppm) 3**3**6 45.73 48.49 20.38 8.84 7.23 862 352 865 Ē 8 Vegitation: secondary forest AI (\$) 3.25 6.42 3.03 7.16 8.35 Sampie Depth No. (m) -2.0--1.0 -0-1 1 3.0 1113602 103501 TN3603 TNIBEOM T13605 •--+ •---• -+ +--4 -, -+ dark gray soil with organic material (hunic soil) record a brown lateritic soil) RB redish brown soil mixed with reddish brown lateritic soil iceddish brown lateritic soil mised with yellowish soil Auger No.: TW36 Coordinates: N= 4688,48, E= 1520.86 Description yellowish brown soil RB S Depth Column (m) RB ę, 4.0 - SI 3 3.0 - -0.1 - 0,1 2.0 1.6 2.6 3.5 4.5 6.0 -5 0

8,616 7,634 10,637 10,619 10,679 Ave. 9.637 Ni (ppn) Slop: moderate 8,308 Co(ppm) Fe(%) Cr(ppm) 12,440 8,449 9.576 10,921 54.40 45.79 45.45 51.78 53.52 424 846 553 8 121 Vegitation: plantation of oil paim AI (X) 4.53 4.32 4.94 5.32 5.27 Sample Depth No. (m) -0.1--2.0-3.0 ò TN3803 TN3802 1113804 TN3805 1096101 +--+ +--+ • + -+ • -+ -+ YB after rocks dark reddîsh brown lateritic Auger No.: 7%38 Coordinates: N= 4688.51, E= 1520.17 Description boulders 0 Q Column 2.0 - RB 6 6 0 Depth (m) 4.6 5.0 2 о н

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8,752 11.396 15,462 13,041 Ave. 12,163 Ki (ppm) Stop: moderate Cr (ppm) 9,149 8,376 8,891 8,531 Co(ppm) Fe(%) 55.11 56.93 57-37 59.34 2,932 1,222 1.936 367 Vegitation: plantation of oil palm AI (\$) 2.35 1.89 3.50 9.6 -3.0 -Depth (m) -2.0 5 Sample No. T113702 E076MT 10/511 POLENT ---÷ + --• -+ -, T freddish brown lateritic soil with orange brown bands jand reddish brown, weakhered MYGW ultramatic rock (seprolite) reddish brown lateritic soil Auger No.: TW37 Coordinates: N= 4688.51, E= 5015.20 Description 2 RB Column 1.1 1000 6.0 | Depth (=) 3.6 3.8 1 9 Т 2.5 5.0. 1.0 2.0

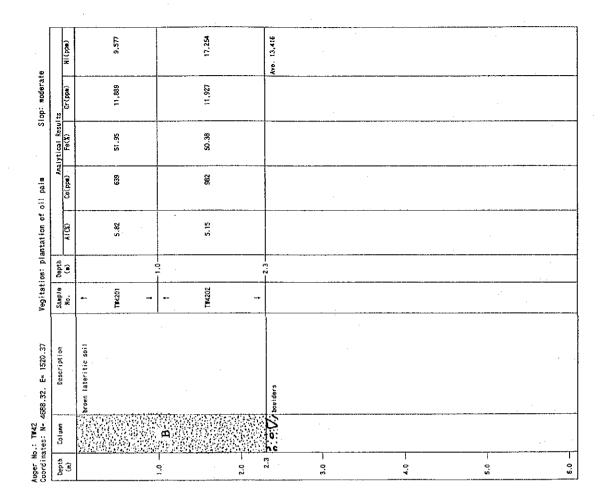
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ND No.	1 5	Column	Description	Sample	Depth	-	And And	Analytical Results	ts Pelone)	L.
Petitowish brown solt + + *				¥0.		A1 (3)	(add)o)	reux/		and the second
$\frac{1}{1}$	1		yellowish brown soil	+-						
Theorem t 1.0 t 1.0 t 1.0 t <				TM4001		9.11	87	12.47	1,340	
TB TB TB THORE Ant Gray soli DG THORE				-+						
Y13 19-36 102 9-36 102 10.54 ann trav soil 1 2.0 9.36 100 10.23 10.54 DG 1 2 3.0 8.83 110 10.23 10.54 DG 1 1 3.0 8.83 100 10.23 10.54 DG 1 1 3.36 9.3 10 10.23 1.66 10.53	• •			-	- <u>-</u>					·
- - - - - - - - - - - - - -		ΥB.		T%4002		9-36	102	10.54	N.	
arr gray soil DG DG DG DG DG DG DG DG DG DG DG DG DG										
ant gray soil 110 10.23 DG 1 2.0 8.89 110 10.23 DG 1 1 -3.0 8.89 10 10.23 DG 1 1 -3.0 8.89 10 10.23 PG 1 1 -3.0 8.89 10 10.23 PG 1 1 -3.0 8.89 9.9 7.46 PG 1 1 -4.0 9.3 9.9 7.46										
art Gray soil DG DG DG 1 1 3.0 10 10.23 8.89 10 10.23 7.46 7.46 7.46 7.46				+-						
DG DG 1 1 - - - - - - - - - - - - -	N		dark gray soil	114003		8.89	110	10.23	1,343	
			-	-+						
14004 8.38 9.38 14.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	DG		-	0.8					
				T1/4004		8.38	8	7.46	2.187	
			• •• • • • •							
	0				 					Ave.
1							-			
		<u> </u>								
				-						

83 677 **4**80 755 456 580 Ni (ppm) ÅVe. 1.500 923 Slop: flat 1,121 708 727 Aha(ytical Results Co(pp#) Fo(%) Cr(ppm) 92.01 10.47 14.59 12.93 10.06 143 8 131 8 124 Vegitation: secondary forest 10.28 8.24 9.34 9.48 8.29 AI (S) Sample Depth . No. (m) - 0.1 -- 1.0 --2.0--3.0 -10.4 ŝ T1113903 T113902 1065101 106611 2065111 •-+ -•--**→** ÷ ----+ --dark brown soil with organic nateriat(humic soil) brown soil with bands of clark brown soil // prown soil with bands of // with bands of // white clayey soil Auger No.: 1839 Coordinates: N= 4688.31, E= 1520.97 Description brown soil ÷ H Depth Column (m) ф 6.0 2 1 t.0 3.0 1.0 S.0

6.0

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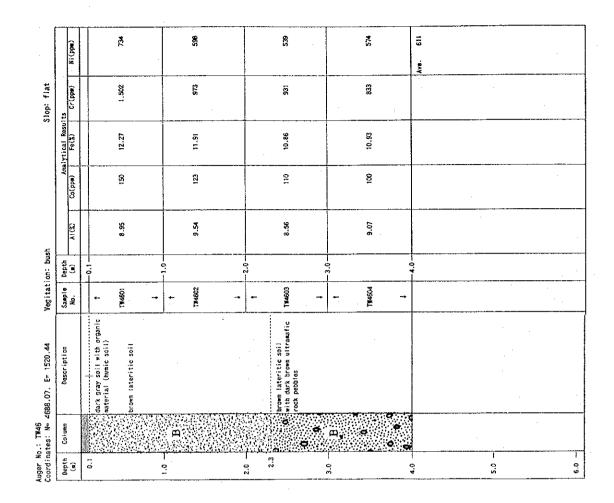
8,683 8,797 5,578 Ave. 7,953 8,754 Ni (pps) Slop: moderate Analytical Results Co(ppm) Fe(%) Cr(ppm) 8,749 1.971 6,450 10, 360 36.83 05.6E 25.39 41.99 1,049 ĩs 685 <u>7</u>02 6.52 4.82 VI (X) **3**.9) 4.48 Vegitation: bush 0.05 (e) Depth -2.0--0'E ġ Sample No. TN4103 Theioe TN4102 114101 --+ ----+ . --+ 4dark brown soil with organic material (humic soil) brown lateritic soil Auger Mo.: 1#41 Coordinates: N= 4688.32, E= 1520.57 Description boulders Depth Cclumn 0 ф 0.05 2. 2.0 -5.0 0.9 3.0

- A 23 -

Auger Mi Coordin	o.: 1¥44 ates: N⊷ 4	Auger No.: T¥44 Coordinates: N+ 4688.07, E= 1520.79	Vegitat	Vegitation: bush	Ę			Slop: flat		
Depth	Column	Description	Sample	Depth		Y	alytical Resul			
)			No.	3	AI (35)	Co(ppm)	Fe(%)	Cr (ppn)	Nr (ppm)) and
9.00		dark gray soil with organic material (huaic soil) brown soil	TIMANO1	8. 	8 8	26	10.62	937		573
<u>-</u>	B		T%4402		- 6 70	6	19 =	8		54 25
			FW44403		8.83	103	10.78	1,374		674
3.0	Q.	boulders							Ave.	25
4				· .						
:										
0									, ,	
6.0				÷						

7,276 10,245 11,893 Ave. 9,805 Ni (ppm) Slop: steep 10,044 13.313 Cr(pps) 8,382 Analytical Results 45.23 \$7.65 52.77 Co(ppm) 277 849 1.127 Vegitation: plantation of oil pain A1 (X) 3.52 4.47 3.40 Sample Depth No. (=) -0.1--2.0 2.8-TH4302 105742 714303 •--4--**-**-+ -+ dark reddish brown lateritic WW. Sorage brown strongly B. Weathered ultravarile rock Auger No.: 1943 Coordinates: N= 4688.32, E= 1520.17 **Bescription** D Soulders Oepth Columan (m.) RB 5.3 2.8 6.0 0.1 2.0 -.0.4 3.0 5.0.5

- A 24 -

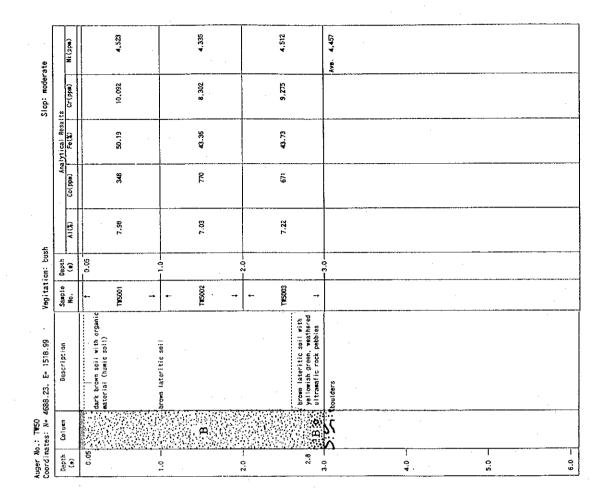


239 539 Hi (ppe) ¥.0. · Siop: flat Analytical Results Co(ppw) Fe(%) Cr(ppw) 672 10-09 2 AI (\$) 8.8 Vegitation: bush Sample Dopth No. (m) -0-1 TRASOI dark brown soil with organic material (humic soil) Auger No.: 17445 Coordinates: N= 4988.08, E= 1520.65 **Description** brown soil boulders 1.0 000 Depth Column (a) В 1.2 5.0 --6.0 -2 2.0 **9**,0

		and the second							
Depth (m)	Совиян	Description	Sample No.	Depth (a)	AI (\$)	Ana Co(pps)	Analytical Results	rts Cr(pp=)	(∎dd)jN
0.05		dark brown soil with organic material (humic soil)	+-	0.05					
		orange brown lateritic soil	TW4801		7.82	8	39-90	9, 030	4,646
 			→ +	- 0.1					
			LUOT N.		5	ļ	:		
	ЮB		700511		0 5 .7	4	5. IS	20	5
			-+	, 0 1					
0.2			⊷	2					
			T#4803		6.16	762	42.22	9.877	7,537
		-	-+	с с					
9.6 1			•	- n-e -					
3.4	OB	orange brown lateritic soil with weathered yellowish.	11/4804		7.86	595	36.37	8,745	6,434
9 19	ац с.	uitramafic rock pebbles							
4.0	90 0	stine orange grown lateritic soil	-						
4				+					Ave. 5.431
5.0 -		•.							-
		· . · .							
4 0									

3,614 3,598 ₩3 230 Ave. 1,968 (wdd) (N 9,219 10, 123 785 Slop: flat Analytical Results Co(ppm) Fe(%) Cr(ppm) 381 35.05 81 ES 12.01 06.6 ž 496 254 86 Vegitation: plantaion of oil palm 9.10 9.04 10.57 9.46 AI (33) Sample Depth No. (m) 0.05 -2.0è 10/101 194702 **TWA**703 714704 4-÷ -+ .+ -+ -+ dark brown solf with organic material (numic soil) cark brown lateritic soil ' with weathered, reddish brown ultramatic pebbles orango brown. - yeilowish brown strongly weathered ultramafic rock(saprolite) dark brown lateritic soil Auger No.: T#47 Ccordinates: N= 4688.22, E= 1519.60 Description 1:0 - DB 2.0 - DB Coluan , OB Depth (a) 0.05 6.0 5.0 -

- A 26 -

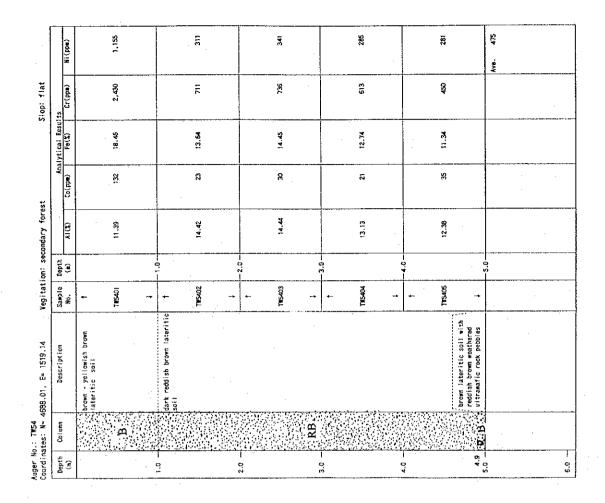


1,342 1.542 1,040 1.829 1,956 (mçd);N AV0. Slop: moderate 2,473 1,105 3,869 3,695 Cr(ppm) Co(ppm) Fe(%) 19.3S 25,22 26.41 19.08 ż ß 8 <u>10</u> Vegitation: secondary forest (i) iY 12.98 13.39 11.97 13.56 (iii) 2.0--9.6-0.1-Sample No. TN:4902 TIM903 7114904 106111 -+ • --+ **-***~ -÷-reddish brown lateritic soil with rare, strongly weathered pebbles of ultra-Mafic rock orange brown lateritic soil Auger No.: 1949 Coordinates: N= 4688.23, E= 1519.20 Description RB 0B Depth Column (m) 3 0.4 Т J 3.3 6.0 0 2.0 0 0

- A 27 -

5,366 7, 529 Ave. 6,448 Ki (ppm) Slop: moderate Analytical Results) Fe(%) Cr(ppm) 9,972 10,000 43.31 80.04 Co(ppm) 220 53 Vegitation: secondary forest AI (%) 5.90 5.96 Sampie Depth No. (m) 0.05 ģ ė TISIO 71115102 ---+ dark brown soil with organic material (humic soil) brown lateritic soil with yellowish groen, weathered ultramafic rock pebbles Auger No.: TWS1 Coordinates: N= 4688.32, E= 1518.83 orown lateritic soil Description boulders Ê. Column 0 Ĵ, щ Depth. (m) 0.05 _____^Τ _____ _____ ſ ... 6.0 5.0 0.1 0.4 5.0

5.S74 7,799 8,224 9,514 7.778 Ni (ppm) , evi Slop: moderate 7,559 6,326 S.039 3,713 Cr(ppm) Co(ppm) | Fe(%) | 1 37.98 34.66 45.97 41.34 796 Vegitation: plantatioin of oil palm 88 <u>3</u>6 615 AL (\$) 6.12 2.60 3.89 2.00 Sample Dapth No. (m) -2.0-- 0.1 3.0 TW5202 E02203 TN5201 4 + -+ 4-+ -+ reddish brown lateritic soli with greenish gray weathered Uitramafic rock pebbles 7 reddish brown lateritic soil reddish brown lateritic soil mixed with greenish brown lateritic soil Auger No.: **1%52** Coordinates: N= 4588.03, E= 1519.78 Description boulders RB Co)umn Oepth (m) 1 2.2 Т 6.0 2.0 . • 5.0



13,003 15.828 Ave. 12,513 10,516 10,703 Ni (ppm) Stop: moderate Analyticai Results Co(ppm) Fe(X) Cr(ppm) | 11,168 E10,11 11,188 10,184 18-95 49.22 54.23 47.95 1,861 1,092 644 633 Vegitation: plantation of oil palm 1.82 A1 (X) 3.12 3.04 4.21 .Sample Depth No. (m) 0.5 5 0.1 -2.0-T#5302 115303 115304 UIS301 ÷ -+ -+-..... +--+--• reddish brown lateritic soil brown lateritic soil with black weathered ultramafic Auger No.: 1753 Coordinates: N= 4688.02, E= 1519.58 Description pebbles 4 ø RB Column ç Ð Depth (m) 100 0 æ ⊢ 6.0 ¢-0 5.0 20

- A 29-

Slop: moderate Analytical Results | Fa(%) | Cr(pp∎) 8,125 38.37 43.76 40.80 Co(pp≡) 296 844 157 Vegitation: secondary forest AI (\$) 6.40 7.38 6.31 (m) 2.0 ò 25 Sample No. 7115501 115502 7115503 **.**--•--۰. ------+ prange brown lateritic soil Auger No.: TN55 Coordinates: N= 4688.02, E= 1518.98 Description bed rock Depth Column. (m) 0B BO 3.2 2.3 9 2.0

6,022

8,003

Auger No.: T#56 Coordinates: N= 4688.03, E= 1518.77

4,440

7,315

(mqq)iN

6,079 7,844 5,665 18,334 15,597 Ave. 10,704 Ni(pow) Slop: moderate 10, 189 8,346 5,862 Cr(ppm) 9,950 9,885 Analytical Results S0.10 19.13 50.26 43.39 ¥. Co(pom) 1.246 ¥ 899 767 ă Vegitation: secondary forest AI (2) 2.65 6.45 6.59 3.75 6.25 Depth (=) 3.0è °.2 Sample No. 115604 7115605 1095101 TW5602 T#15603 •--4---• **.**... -+ +----------reddish brown lateritic soil with strongly weathered ultrawafic rock fragments yellowish brown weathered ultramafic rock (saprolite) orange brown lateritic soff Description bed rock Column e B O RB - 0°9 Depth (m) 2.8 3.2 • ò 4.0 0.0 2.0



6.0

Т

5.0

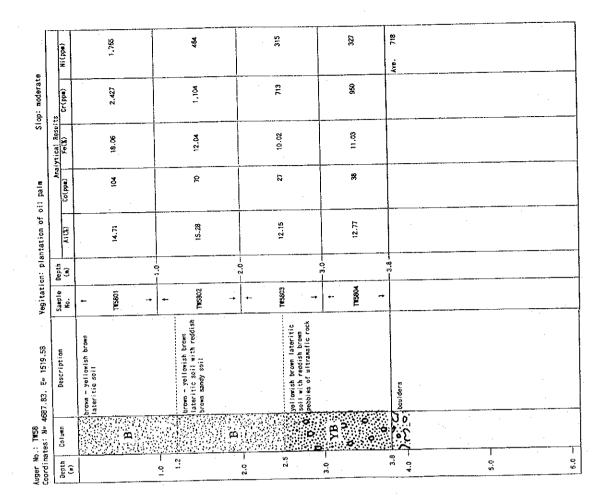
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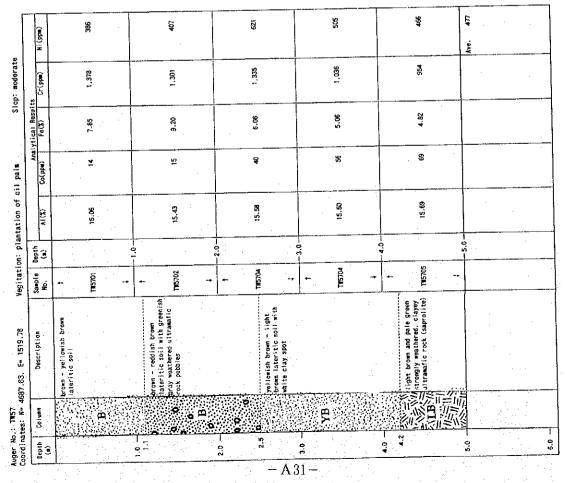
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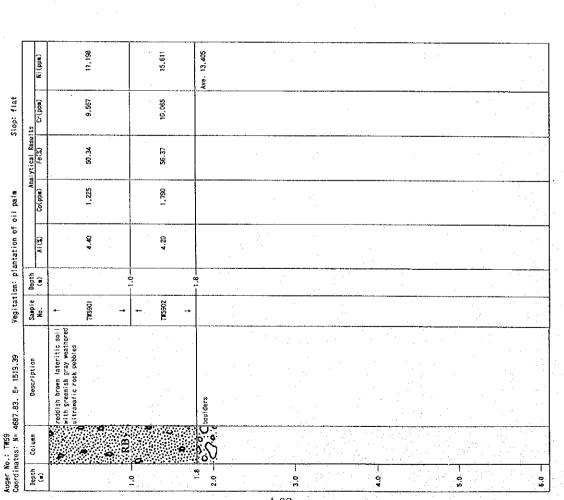
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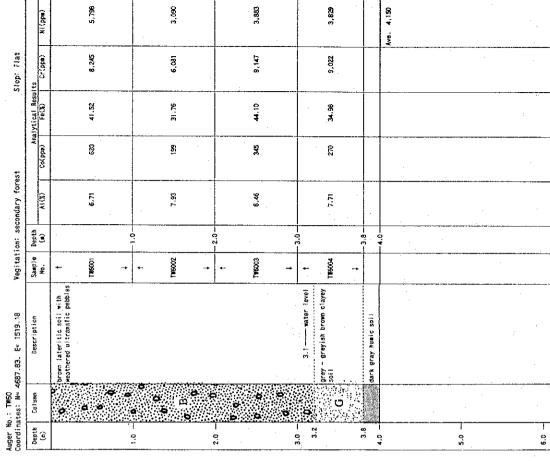
Ave. 5,797

6,930









– A 32 –

4,936 5,526 4,920 6,895 Åve. 5.509 Analytical Results Co(ppm) Fe(X) Cr(ppm) Ni(ppm) Slop: moderate 10,042 **390'**5 9,374 10,370 44.70 40.37 49.06 39.91 342 870 1,066 615 Yegitation: secondary forest AI (X) 6.67 6.01 6.38 6.01 Sample Depth No. (m) 3.0-2.01 ģ 116202 1 116204 T16203 TN6201 + •--+ -+ orange brown lateritic soil Auger No.: TW62 Coordinates: N= 4687.83, E= 1518.77 Description 3.6 Coulders Depth Colusa (m) OB 6.0 5.0 3.0 2.0 -• 0

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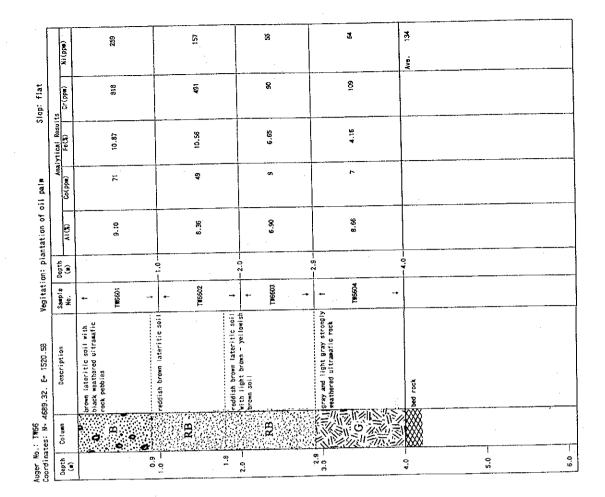
					ent	Intical Resul		
Depth Colvan (m)	Description	Sanp:0 No		AI (\$) -	Co(pps)	F0(%)	Cr (ppm)	ki (ppa)
0.05	dark gray soil with organic material (busic soil)		0.0					
' n	s brown lateritic soil	101911		3.74	1,042	53.14	9,614	9,448
- 6.0								-
4	orange brown lateritic soil	+						
		TW6102		5.21	718	48 75	8.767	6,923
		L.						
	<u></u>							
Ę		716103		4	674	46.35	9°108	9
30 1		• •	-3.0-					
		-						
			<u>.</u>			8	017 0	6.613.0
		1116104	· . 	4 .02	00 1 ,1	8. ñ		
- - -								
2. 0.	boulders						-	Ave. 8,073
		. <u> </u>		· · · · ·				
5.0								
			-			-		-

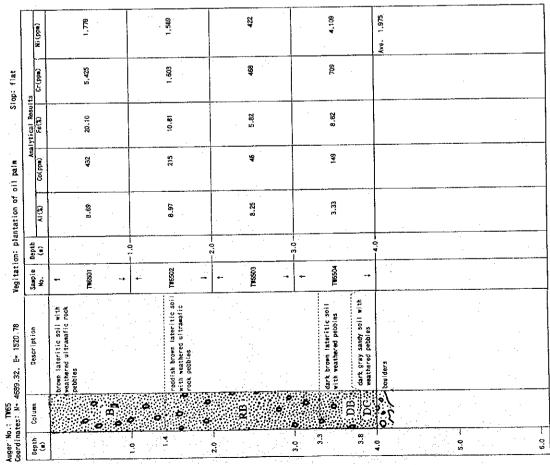
- A 33-

Auger No.: TWG3
 Coordinates: N= 4687.65

Auger A Coordin	lo.: 1703 tates: N= 4	Auger No.: 1763 Coordinates: N= 4687.65, E= 1519.57	Vegitati	on: pla	Vegitation: plantation of oil palm		SI	Siop: moderate	6	
Depth	Column	Description	Sample	Depth		Ane	Analytical Results	ts		
3			ж.		AI (\$)	Co(ppe)	Fe(%)	Cr(ppu)	Ki (pp=)	
	A STREET	yellowish brown lateritic soii	•							
			716301		15.41	19	15.58	2,255	1.257	
	EX		.→	• •						
 - -			-	<u>?</u>				-		
			T16302		15.45	8	11.32	1,420	828	
6.	•		+	د د						
70	о ^с о	yeilowish brown lateritic soll mixed with reddish brown soil	-	- r - 7						
	YB		TII6303		13.82	2	9.12	1,085	59 59 50	
-	a b		+		-					
່ ຄຸ ວິດ ທີ	e 00/1	dark greenish gray strongly weathered ultra- asfic rock	THESOL	2 1	13.49	471	15.64	1,567	1,135	
5 5		bed rock		2 2 2 1					Ave. 1.023	
0.4				- 	· .					
0 5										
· · · · ·					. *				-	
0										

- A 34-





- A 35-

Auger No.: TW67

	Column	Description	Sample	_		٩	Analytical Results			
3			ŝ	3	AI (X)	Co(ppm)	Fe(%)	Cr(ppa)	Ni (ppm)	Ĩ.
	0	<pre>brown lateritic soil with weathered vitramatic rock pebbles</pre>	·							
	e e		1116701		9.10	270	15.33	1,233		295
0.1	а 0		-+							
• •	e.		• [:]							
1			20E3W1		950	255	ž S			ġ
					2	3	6	1.312		8
2.0										
	9 0		+	;						
	n D O	orown lateritic soil with dark gray weathered ultra- aatic rock poboles	EOZ9AL		4,24	99	10.75	1,145		8 5
3.0 -		greenish gray strongly		- 3.0						
1	での	weathered ultrawafic rock (saprolite)	THEYOM		4.63	8	9.09	827		5
3.6		bed rock		3.6					Ave.	576
0.4	}									
					:	-				
5.0		· · · · · · · · · · · · · · · · · · ·		<u>-</u>						
			: -					•		
,				-						

121 174 1 121 83 I **1**48 Ki (ppm) AV6 Slop: flat 245 នឹ Analytical Results Co(ppe) Fe(%) Cr(ppe) 283 ŝ 222 12.44 12.27 12.66 10.77 9.33 21 27 Vegitation: plantation of uil palm 6 ន 4 11.02 11 ° 64 12.71 66-01 67.6 AI (%) Sample Depth No. (m) 19 -3.0--2.0ş 716802 108301 TN6803 † 116805 116804 ۰. +-+-+-+ -+ + -+ tradish to yellowish brown to light brown soil Auger No : TW68 Coordinates: N= 4688.91, E= 1520.78 yeilorish brown soil Description Depth Coluan (m) RB -÷ ج q 6.0 5 ۳. ۵. ۵. 4.0 5 -4,5 2.0 5.0

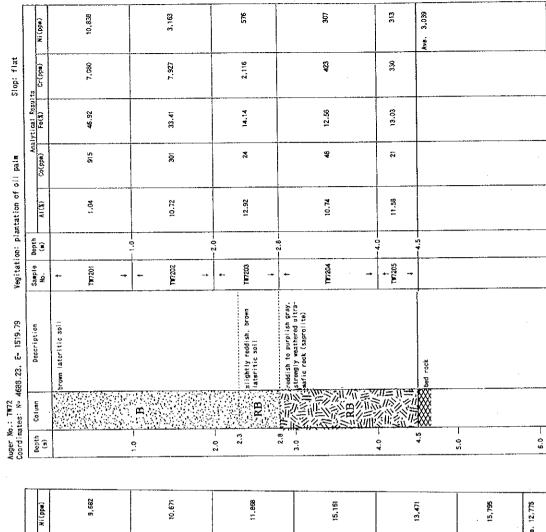
Mot. (x) Al (x) Co (ppt) Modish 1 1 0	-		Provide the second	Cambo	Denth		Υμά	Ivtical Resu	115	
Promi lateritic soli 1 12.32 52 Promi lateritic soli 1 1 0 12.32 52 B 1 1 0 13.23 55 55 B 1 1 0 13.23 55 55 B 1 2 0 11.32 55 55 B 1 2 0 11.32 55 55 Throws 1 2 1 2 1 2 1 B 1 3 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1			10110 December 101	No.	3	AI (\$)	Co(pp#)	Fe(%)	Cr (pp=)	(edd) į N
Troot 12.32 62 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2.0 13.23 65 65 13.23 65 1 1 2.0 1 1.2.0 13.23 65			brown to slightly reddish brown lateritic soil	←						
B 10002 10002 10003 10000 10003 10000 10000 10000 10000 10000 10000 10000 10000 10000 100000				100/11		12.32	8	26.76	3,817	2,219
1 1 1 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 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 <td>ر قر کر جنب ج</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	ر قر کر جنب ج									
1 1 1 1 1 1 2 13.23 65 1 1 2 1 1 1 1 3 1 1 1 1 3 1 1 1 1 3 1 1 1 1 3 1 1 1 1 3 1 1 1 1 3 1 1 1 4 1 1 1 1 4 1 1 1 1 4 1 1 1	<u>``</u>									
Trooz 13.23 65 Trooz 13.23 65 Trooz 11.92 72 Trooz 12.29 81 Troos 12.29 83 Troos 12.29 83				-						
Trooz 13.23 65	<u> </u>			•		–				
B 1 2.0 1 2.2 1 2.0 1 2.2 1 2.2	1.			TM/002		13.29	8	27.56	3,639	2,298
B 1 2.0 1 2.0 1 1.52 72 1 1.52 75 1 1.5					:					
B 1 20 1 2										_
11.82 1.	<u> </u>				, , ,					
TT003 11.52 72 1 3.0 11.52 72 1 3.0 12.23 81 1 4.0 12.23 81 1 4.0 12.23 81 1 4.0 12.23 81 1 4.5 12.23 83	1	<u>m</u>		+-	2.4					
1 1 1 <td></td> <td></td> <td></td> <td>£00/JAL-</td> <td></td> <td>11.92</td> <td>2</td> <td>28.30</td> <td>4,095</td> <td>2,518</td>				£00/JAL-		11.92	2	28.30	4,095	2,518
1 30 1 30 1 2.23 81 1 2.23 81 1 4.0 1 4.5 1 2.23 81 1 4.0 1 2.23 81 1 4.0 1 2.23 81 1 4.0 1 2.23 81 1 4.0 1 2.23 81 1 2.25 81 1 2.25 81 1 2.25 81 1	<u>- 61</u>									
12.28 81 177004 12.28 81 177005 12.20 88 1 4.5 12.20 88					c c					
12.23 83 177004 12.23 177005 12.20 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	- <u></u> 1 •			-	2					
	<u></u>			11/1004		12.29	18	30.86	4.057	2,941
12.20 14.5 12.20 12.20 89 89 12.20 13.50 14.5 14.5 15.50 14.5 15.50										
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2										
	ې -			1	2	12.20	68	33.81	4,418	3,316
			ו ·	-+						
				 	4 . 2					Ave. 2,658
	٦ و									
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		•	-							

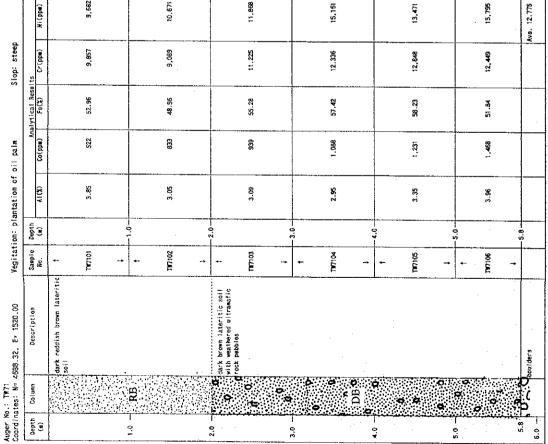
ş 8 35 141 ş Ni(ppm) Ave. Slop: moderate Analytical Results Co(ppm) Fe(%) Cr(ppm) 532 454 458 470 14.48 13.85 13.06 12.91 ŝ 22 5 15 Vegitation: plantation of oil palm 11.75 12.43 14.08 AI (3) 12.31 Sample Depth No. (m) -2.0--1.0-200 6. The solution of the solution o T16903 1069111 7116902 -•• +---• ight brown soil with rare .Auger No.: T#69 •Coordinates: N≈ 4688.71, E≂ 1520:00 Description light brown soil Ē Bepth Column (a) 1.0 -[SLB 2.0 5.0 3.2 Т 3.0 -6.0 -

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— A 37 —

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- A 38 -

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Appendix 2

List of rock geochemical samples in S. Imbak Sub-area

- A 39-

Coordinates 1/50,000 Rock Name Ge N E Topo. Sheet Ur 79. 73 1455. 78 Sungai Imbak Mudstone Ur 79. 73 1455. 76 Sungai Imbak Mudstone N 79. 73 1455. 54 Sungai Imbak Mudstone N 79. 39 1455. 54 Sungai Imbak Mudstone N 79. 39 1455. 54 Sungai Imbak Mudstone N 79. 39 1455. 56 Sungai Imbak Mudstone N 80. 02 1455. 56 Sungai Imbak Mudstone N 80. 22 1455. 51 Sungai Imbak Mudstone N 80. 36 1455. 43 Sungai Imbak Mudstone N 80. 87 1455. 16 Sungai Imbak Mudstone N 81. 30 1455. 18 Sungai Imbak Mudstone N 81. 31 1455. 39 Sungai Imbak Mudstone N 81. 32 1455. 39 Sungai Imbak	Area.	Area - Sungai Imbak	mhak			•	•		Page 1
No. N E Topo. Sheet Unit SM001 4679. 30 1455. 78 Sungai Imbak Kudstone N2Tj SM002 4679. 30 1455. 76 Sungai Imbak Kudstone N2Tj SM003 4679. 38 1455. 56 Sungai Imbak Kudstone N2Tj SM005 4670. 39 1455. 56 Sungai Imbak Sandstone N2Tj SM005 4680. 02 1455. 56 Sungai Imbak Sandstone N2Tj SM005 4680. 22 1455. 51 Sungai Imbak Kudstone N2Tj SM006 4680. 22 1455. 51 Sungai Imbak Kudstone N2Tj SM007 4680. 36 1455. 51 Sungai Imbak Kudstone N2Tj SM009 4680. 87 1455. 45 Sungai Imbak Kudstone N2Tj SM010 4680. 56 1455. 51 Sungai Imbak Kudstone N2Tj SM010 4680. 55 1455. 43 Sungai Imbak Kudstone N2Tj <td< th=""><th>Ser.</th><th>Sample</th><th></th><th>inates</th><th>1/50,000</th><th>Rock Name</th><th>Geol.</th><th>Alteration/Wineralization</th><th>Description</th></td<>	Ser.	Sample		inates	1/50,000	Rock Name	Geol.	Alteration/Wineralization	Description
1 SM001 4679. 30 1455. 78 Sungai Imbak Mudstone N27j 2 SM002 4679. 39 1455. 54 Sungai Imbak Mudstone N27j 3 SM003 4679. 39 1455. 54 Sungai Imbak Mudstone N27j 5 SM005 4680. 02 1455. 56 Sungai Imbak Mudstone N27j slightly sillici 6 SM006 4680. 02 1455. 56 Sungai Imbak Mudstone N27j weak Py-diss 7 SM006 4680. 02 1455. 51 Sungai Imbak Mudstone N27j weak Py-diss 7 SM006 4680. 05 1455. 51 Sungai Imbak Mudstone N27j weak Py-diss 8 SW008 4680. 67 1455. 16 Sungai Imbak Mudstone N27j weak Py-diss 10 SW010 4680. 67 1455. 16 Sungai Imbak Mudstone N27j weak Py-diss 11 SW011 4681. 71 1455. 28 Sungai Imbak Mudstone N27j mean 12 SW012	No.	No-	N	۲	Topo. Sheet		Unit		
SM002 4679. 73 1455. 70 Sungai Inbak Mudstone N2Tj SM003 4679. 39 1455. 56 Sungai Inbak Kudstone N2Tj SM004 4679. 39 1455. 56 Sungai Inbak Kudstone N2Tj SM005 4680. 02 1455. 56 Sungai Inbak Kudstone N2Tj weak Py-diss., SM005 4680. 02 1455. 50 Sungai Inbak Kudstone N2Tj weak Py-diss., SM007 4680. 36 1455. 51 Sungai Inbak Kudstone N2Tj weak Py-diss., SM007 4680. 87 1455. 51 Sungai Inbak Kudstone N2Tj weak Py-diss., SM009 4680. 87 1455. 16 Sungai Inbak Kudstone N2Tj weak Py-diss., SM010 4680. 57 1455. 16 Sungai Inbak Kudstone N2Tj weak Py-diss., SM011 4681. 30 1455. 16 Sungai Inbak Kudstone N2Tj weak Py-diss., SM013 4682. 37 1455. 18 Sung		100MS	4679.30	1455.78	Sungai Imbak	Mudstone	N2Tj		dark gray
SW003 4679. 38 1455. 54 Sungai Imbak Mudstone N2Tj SW004 4679. 39 1455. 56 Sungai Imbak Sandstone N2Tj Sightly silici SW005 4680. 02 1455. 56 Sungai Imbak Sandstone N2Tj slightly silici SW006 4680. 02 1455. 43 Sungai Imbak Kudstone N2Tj slightly silici SW007 4680. 36 1455. 43 Sungai Imbak Kudstone N2Tj weak Py-diss SW007 4680. 36 1455. 51 Sungai Imbak Kudstone N2Tj weak Py-diss SW008 4680. 81 1455. 51 Sungai Imbak Kudstone N2Tj weak Py-diss SW019 4681. 30 1455. 16 Sungai Imbak Kudstone N2Tj weak Py-diss SW010 4680. 56 1455. 28 Sungai Imbak Kudstone N2Tj weak Py-diss SW010 4680. 56 1455. 16 Sungai Imbak Kudstone N2Tj m2Tj SW019 <t< th=""><th></th><th>-+</th><th>4679.73</th><th>1455.70</th><th>Sungai Imbak</th><th>Mudstone</th><th>N2Tj</th><th></th><th>dark gray</th></t<>		-+	4679.73	1455.70	Sungai Imbak	Mudstone	N2Tj		dark gray
SW004 4679.39 1455.56 Sungai Imbak Sandstone N2Tj slightly silici SW005 4680.22 1455.56 Sungai Imbak Kudstone N2Tj slightly silici SW006 4680.22 1455.56 Sungai Imbak Kudstone N2Tj slightly silici SW007 4680.36 1455.51 Sungai Imbak Kudstone N2Tj weak Py-diss. SW009 4680.81 1455.51 Sungai Imbak Kudstone N2Tj weak Py-diss. SW010 4680.56 1455.04 Sungai Imbak Kudstone N2Tj weak Py-diss. SW010 4681.30 1455.28 Sungai Imbak Kudstone N2Tj weak Py-diss. SW011 4681.30 1455.28 Sungai Imbak Kudstone N2Tj m2Tj SW013 4682.37 1455.28 Sungai Imbak Kudstone N2Tj m2Tj SW013 4681.75 1455.58 Sungai Imbak Kudstone N2Tj m2Tj SW014 4681.38 <th></th> <td></td> <td>4679.98</td> <td>1455.54</td> <td>Sungai Imbak</td> <td>Mudstone</td> <td>N2Tj</td> <td></td> <td>dark gray</td>			4679.98	1455.54	Sungai Imbak	Mudstone	N2Tj		dark gray
SN005 4680. 02 1455. 33 Sungai Imbak Sandstone N2Ti Slightly silici SN006 4680. 22 1455. 60 Sungai Imbak Mudstone N2Ti slightly silici SN007 4680. 36 1455. 60 Sungai Imbak Mudstone N2Ti weak Py-diss., SN007 4680. 36 1455. 16 Sungai Imbak Mudstone N2Ti weak Py-diss., SN009 4680. 56 1455. 16 Sungai Imbak Mudstone N2Ti weak Py-diss., SN010 4680. 56 1455. 16 Sungai Imbak Mudstone N2Ti weak Py-diss., SN010 4681. 71 1455. 28 Sungai Imbak Mudstone N2Ti m2Ti SN011 4681. 71 1455. 28 Sungai Imbak Mudstone N2Ti m2Ti SN012 4682. 37 1454. 21 Sungai Imbak Mudstone N2Ti m2Ti SN013 4682. 37 1454. 21 Sungai Imbak Mudstone N2Ti m2Ti SN014 <	4		4679.39	1455.56	Sungai Imbak	Sandstone	N2T j		weathered
SW006 4680. 22 1455. 60 Sungai Imbak Mudstone N2T j slightly silici SW007 4680. 36 1455. 51 Sungai Imbak Mudstone N2T j weak Py-diss., SW007 4680. 36 1455. 51 Sungai Imbak Mudstone N2T j weak Py-diss., SW009 4680. 81 1455. 51 Sungai Imbak Mudstone N2T j weak Py-diss., SW010 4680. 56 1455. 04 Sungai Imbak Mudstone N2T j weak Py-diss., SW010 4680. 56 1455. 04 Sungai Imbak Mudstone N2T j m2T j SW011 4681. 71 1455. 28 Sungai Imbak Mudstone N2T j m2T j SW013 4681. 30 1454. 21 Sungai Imbak Mudstone N2T j m2T j SW013 4681. 37 1454. 21 Sungai Imbak Mudstone N2T j m2T j SW014 4681. 38 1455. 36 Sungai Imbak Mudstone N2T j m2T j SW014	2		4680.02	1455.33	Sungai Imbak	Sandstone	N2Tj		dark gray
SN007 4680. 36 1455. 43 Sungai Imbak Mudstone N2T j weak Py-diss. SN008 4680. 81 1455. 51 Sungai Imbak Mudstone N2T j weak Py-diss. SN008 4680. 87 1455. 16 Sungai Imbak Mudstone N2T j weak Py-diss. SN009 4680. 56 1455. 16 Sungai Imbak Mudstone N2T j mod SN010 4680. 56 1455. 04 Sungai Imbak Mudstone N2T j mod SN011 4681. 30 1455. 28 Sungai Imbak Mudstone N2T j mod SN012 4681. 71 1455. 28 Sungai Imbak Mudstone N2T j mod SN013 4682. 37 1455. 11 Sungai Imbak Mudstone N2T j mod j SN013 4682. 37 1455. 11 Sungai Imbak Mudstone N2T j mod j SN014 4682. 49 1455. 55 Sungai Imbak Mudstone N2T j j j j <t< th=""><th>9</th><td></td><td>4680.22</td><td>1455.60</td><td>Sungai Imbak</td><td>Nudstone</td><td>N2Tj</td><td>slightly silicified</td><td>dark gray</td></t<>	9		4680.22	1455.60	Sungai Imbak	Nudstone	N2Tj	slightly silicified	dark gray
SW008 4680. 81 1455. 51 Sungai Imbak Mudstone N2Tj SW009 4680. 87 1455. 16 Sungai Imbak Mudstone N2Tj SW010 4680. 56 1455. 16 Sungai Imbak Sandstone N2Tj SW010 4681. 30 1455. 28 Sungai Imbak Sandstone N2Tj SW011 4681. 30 1455. 28 Sungai Imbak Mudstone N2Tj SW013 4682. 37 1454. 21 Sungai Imbak Mudstone N2Tj SW013 4681. 75 1455. 26 Sungai Imbak Mudstone N2Tj SW014 4681. 75 1455. 26 Sungai Imbak Mudstone N2Tj SW015 4681. 75 1455. 55 Sungai Imbak Mudstone N2Tj SW016 4682. 49 1455. 55 Sungai Imbak Mudstone N2Tj SW017 4682. 26 1455. 55 Sungai Imbak Mudstone N2Tj SW016 4682. 15 1455. 55 Sungai Imbak Mudstone <t< th=""><th></th><td>- f</td><td>4680.36</td><td>1455.43</td><td>Sungai Imbak</td><td>Kudstone</td><td>N2Tj</td><td>i</td><td>dark gray</td></t<>		- f	4680.36	1455.43	Sungai Imbak	Kudstone	N2Tj	i	dark gray
SM009 4680. 87 1455. 16 Sungai Imbak Mudstone N2Tj SW010 4680. 56 1455. 04 Sungai Imbak Sandstone N2Tj SW011 4681. 30 1455. 28 Sungai Imbak Mudstone N2Tj SW012 4681. 71 1455. 39 Sungai Imbak Mudstone N2Tj SW013 4681. 71 1455. 39 Sungai Imbak Mudstone N2Tj SW014 4681. 38 1455. 11 Sungai Imbak Mudstone N2Tj SW014 4681. 38 1455. 26 Sungai Imbak Mudstone N2Tj SW014 4681. 38 1455. 26 Sungai Imbak Mudstone N2Tj SW015 4681. 75 1455. 26 Sungai Imbak Mudstone N2Tj SW016 4682. 49 1455. 55 Sungai Imbak Mudstone N2Tj SW017 4682. 26 1455. 35 Sungai Imbak Mudstone N2Tj SW018 4682. 15 1455. 35 Sungai Imbak Mudstone <td< th=""><th></th><td></td><td>4680.81</td><td>1455.51</td><td>Sungai Imbak</td><td>Kudstone</td><td>N2Tj</td><td></td><td>dark gray</td></td<>			4680.81	1455.51	Sungai Imbak	Kudstone	N2Tj		dark gray
SW010 4680.56 1455.04 Sungai Imbak Sandstone N2Tj SW011 4681.30 1455.28 Sungai Imbak Mudstone N2Tj SW012 4681.71 1455.28 Sungai Imbak Mudstone N2Tj SW013 4682.37 1455.29 Sungai Imbak Mudstone N2Tj SW013 4682.37 1455.11 Sungai Imbak Mudstone N2Tj SW014 4681.38 1455.11 Sungai Imbak Mudstone N2Tj SW015 4681.75 1455.26 Sungai Imbak Kudstone N2Tj SW015 4682.49 1455.55 Sungai Imbak Mudstone N2Tj SW016 4682.46 1455.35 Sungai Imbak Mudstone N2Tj SW017 4682.26 1455.35 Sungai Imbak Mudstone N2Tj SW018 4682.15 1455.35 Sungai Imbak Mudstone N2Tj SW018 4682.72 1455.07 Sungai Imbak Mudstone N2Tj			4680.87		Sungai Imbak	Nudstone	N2Tj	1	gray
SW011 4681. 30 1455. 28 Sungai Imbak Nudstone N2Tj SW012 4681. 71 1455. 39 Sungai Imbak Nudstone N2Tj SW013 4682. 37 1454. 21 Sungai Imbak Nudstone N2Tj SW013 4682. 37 1454. 21 Sungai Imbak Nudstone N2Tj SW014 4681. 38 1455. 11 Sungai Imbak Kudstone N2Tj SW015 4681. 75 1455. 26 Sungai Imbak Sandstone N2Tj SW015 4681. 75 1455. 55 Sungai Imbak Mudstone N2Tj SW016 4682. 49 1455. 35 Sungai Imbak Mudstone N2Tj SW017 4682. 15 1455. 35 Sungai Imbak Mudstone N2Tj SW018 4682. 15 1455. 35 Sungai Imbak Nudstone N2Tj SW019 4682. 72 1455. 60 Sungai Imbak Nudstone N2Tj SW019 4682. 72 1455. 60 Sungai Imbak Nudstone <td< th=""><th>° 2</th><th></th><th>4680.56</th><th>_</th><th>Sungai Imbak</th><th>Sandstone</th><th>N2Tj</th><th></th><th>gray, fine grained</th></td<>	° 2		4680.56	_	Sungai Imbak	Sandstone	N2Tj		gray, fine grained
SN012 4681. 71 1455. 39 Sungai Imbak Mudstone N2Tj SN013 4682. 37 1454. 21 Sungai Imbak Mudstone N2Tj SN014 4681. 38 1455. 11 Sungai Imbak Mudstone N2Tj SN014 4681. 38 1455. 11 Sungai Imbak Mudstone N2Tj SN015 4681. 75 1455. 26 Sungai Imbak Sandstone N2Tj SN016 4682. 49 1455. 55 Sungai Imbak Mudstone N2Tj SN017 4682. 26 1455. 35 Sungai Imbak Mudstone N2Tj SN018 4682. 15 1455. 35 Sungai Imbak Mudstone N2Tj SN019 4682. 15 1455. 35 Sungai Imbak Mudstone N2Tj SN019 4682. 72 1455. 60 Sungai Imbak Mudstone N2Tj SN019 4682. 72 1455. 60 Sungai Imbak Mudstone N2Tj SN019 4682. 72 1455. 60 Sungai Imbak Mudstone N2Tj			4681-30		Sungai Imbak	Nudstone	N2Tj		dark gray
SM013 4682.37 1454.21 Sungai Imbak Mudstone N2Tj SN014 4681.38 1455.11 Sungai Imbak Mudstone N2Tj SN015 4681.38 1455.26 Sungai Imbak Mudstone N2Tj SN015 4681.75 1455.26 Sungai Imbak Mudstone N2Tj SN016 4682.49 1455.55 Sungai Imbak Mudstone N2Tj SN017 4682.26 1455.35 Sungai Imbak Mudstone N2Tj SN017 4682.15 1455.07 Sungai Imbak Mudstone N2Tj SN019 4682.72 1455.60 Sungai Imbak Mudstone N2Tj SN019 4682.72 1455.60 Sungai Imbak Mudstone N2Tj	12		4681.71		Sungai Imbak	Mudstone	N2Tj		gray, joint
SW014 4681.38 1455.11 Sungai Lmbak Mudstone N2Tj SW015 4681.75 1455.26 Sungai Lmbak Sandstone N2Tj SW016 4682.49 1455.55 Sungai Lmbak Sandstone N2Tj SW017 4682.26 1455.55 Sungai Lmbak Mudstone N2Tj SW017 4682.25 1455.65 Sungai Lmbak Mudstone N2Tj SW019 4682.15 1455.07 Sungai Lmbak Mudstone N2Tj SW019 4682.72 1455.60 Sungai Lmbak Mudstone N2Tj SW019 4682.72 1455.60 Sungai Lmbak Mudstone N2Tj	13	- L	4682.37	· · · -	Sungai Imbak	Mudstone	N2Tj		dark gray
SW015 4681.75 1455.26 Sungai Imbak Sandstone N2Tj SW016 4682.49 1455.55 Sungai Imbak Mudstone N2Tj SW017 4682.26 1455.35 Sungai Imbak Mudstone N2Tj SW017 4682.26 1455.35 Sungai Imbak Mudstone N2Tj SW018 4682.15 1455.07 Sungai Imbak Mudstone N2Tj SW019 4682.72 1455.60 Sungai Imbak Mudstone N2Tj SW019 4682.72 1455.61 Sungai Imbak Mudstone N2Tj Cuono Acco 6A 1455.11 Sungai Imbak Mudstone N2Tj	14		4681.38	<u></u>	Sungai Imbak	Mudstone	N2Tj	1	gray
SW016 4682.49 1455.55 Sungai Imbak Mudstone N2Tj SW017 4682.26 1455.35 Sungai Imbak Mudstone N2Tj SW018 4682.15 1455.07 Sungai Imbak Mudstone N2Tj SW019 4682.72 1455.60 Sungai Imbak Mudstone N2Tj SW019 4682.72 1455.61 Sungai Imbak Mudstone N2Tj	15	<u>+</u>	4681.75	<u> </u>	Sungai Imbak	Sandstone	N2Tj	1	gray
SW017 4682.26 1455.35 Sungai Imbak Mudstone N2Tj SW018 4682.15 1455.07 Sungai Imbak Mudstone N2Tj SW019 4682.72 1455.60 Sungai Imbak Mudstone N2Tj SW019 4682.72 1455.60 Sungai Imbak Mudstone N2Tj	16		4682.49	ļ	Sungai Imbak	Mudstone	N2T.j	-	dark gray
SW018 4682.15 1455.07 Sungai Imbak Mudstone SM019 4682.72 1455.60 Sungai Imbak Mudstone Cuono 4682.72 1455.61 Sungai Imbak Mudstone	17		4682.26	<u> </u>	Sungai Imbak	Mudstone	N2Tj	1	dark gray
SM019 4682.72 1455.60 Sungai Imbak Mudstone	18		4682.15	_	Sungai Imbak	Mudstone	N2Tj	1	dark gray
CUMAN ABOD AA 1455 11 Sungai Imhak Wudstone	19		4682.72		Sungai Imbak	Mudstone	N2Tj	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	dark gray
	06		4682.64	1455.11	Sungai Imbak	Nudstone	N2Tj	· · ·	dark gray

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Area:	Sungai Imbak	mbak				. [.] .		Page 2
Ser.	Sample	Coord	Coordinates	1/50,000	Rock Name	Geol.	Alteration/Wineralization	Description
No.	No.	N	E	Topo. Sheet		Unit		
21	SN021	4682.92	1455.08	Sungai Imbak	Mudstone	N2Tj)	dark gray
22	SN022	4683.06	1455.69	Sungai Imbak	Mudstone	N2T3	-	dark gray
23	SN023	4683.00	1455.49	Sungai Imbak	Mudstone	N2Tj		dark gray
24	SM024	4683.40	1455.32	Sungai Imbak	Sandstone	N2Tj		gray
25	SM025	4683.17	1455.04	Sungai Imbak	Nudstone	N2Tj	-	dark gray
26	SM026	4683.87	1455.12	Sungai Imbak	Sandstone	N2Tj	Qtz veinlet, wd.0.1-0.5mm	gray
27	SN027	4684.11	1455.46	Sungai Imbak	Kudstone	N2T3	T	dark gray
28	SM028	4684.43	1455-60	Sungai Imbak	Mudstone	N2Tj		dark gray
29	620NS	4684.99	1455.88	Sungai Imbak	Mudstone	N2Tj	rusty surface	dark gray
30	SN030	4684.75	1455. 53	Sungai Imbak	Kudstone	N2Tj		dark gray
31	SN031	4684.80	1455.24	Sungai Imbak	Nudstone	N2Tj		dark gray
32	SM032	4685.17	1455.49	Sungai Imbak	Nudstone	N2Tj	• • • • • • • • • • • • • • • • • • •	dark gray
33	SK033	4685.27	1455.03	Sungai Imbak	Nudstone	N2Tj		dark gray
34	SN034	4685.29	1455-37	Sungai Imbak	Mudstone	N2Tj		dark gray
35	SK035	4685.51	1455.72	Sungai Imbak	Wudstone	N2Tj	-	dark gray
36	SK036	4685.79	1455.78	Sungai Imbak	Mudstone	N2Tj		dark gray
37	SM037	4679.85	1454.59	Sungai Imbak	Sandstone	N2T j	1	gray, fine grained
38	SN038	4679.73	1454.32	Sungai Imbak	Sandstone	N2Tj	1	gray, fine grained
39	SX039	4679.71	1454.19	Sungai Imbak	Mudstone	N2T j	-	gray
40	40 SN040	4680.07	1454.46	Sungai Imbak	Sandstone	N2Tj	I	gray, fine grained

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Description	Description		gray	gray	dark gray	gray, fine grained	gray, fine grained	dark gray	gray, fine grained	gray	gray	dark gray	gray	gray	gray	gray	gray	gray, massive	gray	gray	gray, massive	orav massive
	Alteration/Mineralization		1	1 1				1	₩ A A A A A A A A A A A A A A A A A A A								3	weak Py-diss.		L	argillized	araillirad
	Geol.	Unit	N2Tj	N2Tj	N2T j	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	N2T.j	N2Tj	N2T.j	N2Tj	N2Tj	N2Tj	N2T j	II	11
	Rock Name		Wudstone	Nudstone	Nudstone	Sandstone	Sandstone	Nudstone	Sandstone	Wudstone	Mudstone	Wudstone	Mudstone	Mudstone	Nudstone	Mudstone	Mudstone	Sandstone	Sandstone	Mudstone	Diorite Porphyry	
	1/50, 000	Topo. Sheet	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungaì Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	-
	ates	<u></u> щ	1454.53	1454.65	1454.77	1454.73	1454.48	1454.25	1454.04	1454.06	1454.10	1454.77	1454-73	1454.17	1454.32	1454.62	1455.03	1453.72	1454.23	1454.03	1454.03	
	Coordinates	N	4680.43		4680-91				-	4680.63	4680.85	<u> </u>		4680.99	4681-23	4681.50	4681.67	4679.99	4681.48	4681.37	4681.78	
	Sample	Ňo.	SM041	SN042	SM043	SN044	SM045	SN046	SN047	SN048	SM049	SM050	SN051	SN052	SN053	SN054	SN055	SN056	SN057	SN058	SM059 -	
	Ser.	No.	41	42	43				_			-	15	52	53	54	55	56	57	58	59	
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Page	Description		white	dark gray	white - light gray	dark gray	dark gray	dark gray	dark gray	dark gray	dark gray	light gray	gray	dark gray	dark gray	dark gray	dark gray	dark gray	dark gray, cataclastic	dark gray	gray, joint	dark gray
	Alteration/Nineralization		argillized	B .	silicified	ł	silicified	F		1	-	1		1	. 1	1	B	1	slightly rusty surface	3	slightly silicified	
	Geol.	Unit	11	N2Tj	N2Tj	N2Tj	N2Tj	N2T j	N2Tj	N2Tj	N2T j	N2Tj	N2Tj	N2T j	N2T j	N2Tj	N2T j	N2T j	N2Tj	N2Tj	N2T j	N2Tj
	Rock Name		Diorite Porphyry	Mudstone	Sandstone	Wudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Sandstone	Kudstone	Mudstone	Mudstone	Wudstone	Mudstone	Nudstone	Kudstone	Nudstone	Sandstone	Nudstone
	1/50, 000	Topo. Sheet	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak
	lates	ĿЪ	1454.92	1454.54	1454.11	1453.88	1453.48	1454.92	1454.59	1454.37	1454.23	1454.07	1454.88	1454.66	1454.08	1454.22	1454.87	1454.53	1453.99	1454.68	1454.91	1454.37
nbak	Coordinates	N	4682.10	4682.07	4682-06	4682.38	4682.41	4682.62	4682.76	4682-65	4682.76	4682.42	4683.13	4683.24	4683.12	4683.34	4683.39	4683.51	4683.45	4683.74	4683.92	4683.86
Area: Sungai Imbak	Sample	No.	SW061	SM062	SN063	SM064	SM065	SN066	5M067	SM068	SM069	OT0MS	SW071	SN072	SM073	SM074	SK075	SN076	LLONS	SN078	SN079	SN080
Area:	Ser.	No.	61	62	63	64	65	66	67	68	69	02	11	22	73	74	75	92	11	78	62	80

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Strep: Ample Constrtates $1/50$ Rock Name Reol. Atternation Description Ro. No. N. E Topo. Sheet Matter Matternation Description 81 St081 468.3 90 1454.42 Sungai Inhak Mustone N'1 - Environa Bescription 82 St081 468.42 148.41 Sungai Inhak Mustone N'1 - Bark gray Bescription 83 St081 468.43 1454.45 Sungai Inhak Mustone N'1 - Bark gray Bescription 83 St081 468.43 1454.45 Sungai Inhak Mustone N'1 - Bark gray Bark gray Bark gray 84 St081 1454.45 Sungai Inhak Mustone N'1 - Bark gray	Area:	Area: Sungai Imbak	mbak		· · ·		•		Page 5
No. N E Topo. Sheet Init S1081 4683. 99 1454.42 Sungai Imbak Mudstone N27j S1081 4684. 51 1454.12 Sungai Imbak Mudstone N27j S1083 4684. 57 1454.12 Sungai Imbak Mudstone N27j S1083 4684. 57 1454.45 Sungai Imbak Mudstone N27j S1085 4684. 57 1454.45 Sungai Imbak Mudstone N27j S1085 4685. 48 1454.45 Sungai Imbak Mudstone N27j S1086 4685. 56 1454.45 Sungai Imbak Mudstone N27j S1087 4685. 56 1454.45 Sungai Imbak Mudstone N27j S1088 4685. 56 1454.45 Sungai Imbak Mudstone N27j S1089 4685. 56 1454.45 Sungai Imbak Mudstone N27j S10801 4685. 56 1454.45 Sungai Imbak Mudstone N27j S10902	Ser.	Sample		inates	1/50, 000	Rock Name	Geol.	Alteration/Wineralization	Description
SW0814683.991454.62Sungai ImbakMudstoneN27j-SW0824684.211454.12Sungai ImbakDiorite Porphyry11-SW0834684.481454.81Sungai ImbakMudstoneN27j-SW0844684.481454.45Sungai ImbakKudstoneN27j-SW0844684.481454.45Sungai ImbakKudstoneN27j-SW0844684.631454.45Sungai ImbakKudstoneN27j-SW0844685.481454.45Sungai ImbakKudstoneN27j-SW0844685.481454.47Sungai ImbakKudstoneN27j-SW0844685.831454.45Sungai ImbakKudstoneN27j-SW0844685.891454.47Sungai ImbakKudstoneN27j-SW0844685.891454.47Sungai ImbakKudstoneN27j-SW0834685.891454.45Sungai ImbakKudstoneN27j-SW0844679.131453.45Sungai ImbakSandstoneN27j-SW0934679.311453.45Sungai ImbakSandstoneN27j-SW0934679.351453.45Sungai ImbakSandstoneN27j-SW0944679.351453.45Sungai ImbakSandstoneN27j-SW0954679.561453.45Sungai ImbakSandstoneN27j-SW0954679.561453.35	No.	No.	N	പ	Topo. Sheet		Unit		
SM082 4684.21 1454.12 Sungai Imbek $Diorite Porphyry$ $I1$ $-$ SM083 4684.48 1454.41 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM084 4684.45 1454.45 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM084 4684.51 1454.45 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM084 4684.53 1454.45 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM087 4685.33 1454.45 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM087 4685.33 1454.45 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM088 4685.46 1454.47 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM088 4685.84 1454.47 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM089 4685.84 1454.47 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM089 4685.84 1454.47 Sungai Imbek $Mudstone$ $NZTJ$ $-$ SM091 4679.13 1453.45 Sungai Imbek $Sandstone$ $NZTJ$ $-$ SM092 4679.31 1453.45 Sungai Imbek $Sandstone$ $NZTJ$ $-$ SM093 4679.48 1453.45 Sungai Imbek $Sandstone$ $NZTJ$ $-$ SM094 4679.35 1453.45 Sungai Imbek $Sandstone$ $NZTJ$ $-$ SM095 4679.56 1453.45 Sungai Imbek $Sandstone$ $NZTJ$ $-$ SM	5		4683.99	1454.62	Sungai Imbak	Mudstone	N2Tj		dark gray
SN083 4F84. 4B 1454. 4B Sungai Imbaik Mudstome NZT - SN084 4684. 57 1454. 45 Sungai Imbaik Mudstome NZT - - SN085 4684. 57 1454. 45 Sungai Imbaik Mudstome NZT - - SN085 4684. 57 1454. 45 Sungai Imbaik Mudstome NZT - - SN087 4685. 38 1454. 47 Sungai Imbaik Mudstome NZT - - SN087 4685. 38 1454. 47 Sungai Imbaik Kudstome NZT - - SN087 4685. 46 1454. 47 Sungai Imbaik Kudstome NZT - - SN081 4685. 46 1454. 47 Sungai Imbaik Sandstome NZT - - SN091 4679. 13 1453. 45 Sungai Imbaik Sandstome NZT - - SN091 4679. 13 1453. 45 Sungai Imbaik Sandstome NZT	82	- -	4684.21	1454.12	Sungai Imbak	Diorite Porphyry	I1		gray, massive
SM084 4884. 57 1454. 45 Sungai Inbak Mudstone N2Ti - SK085 4684. 83 1454. 45 Sungai Inbak kudstone N2Ti - SK085 4684. 83 1454. 45 Sungai Inbak kudstone N2Ti - SK087 4685. 18 1454. 47 Sungai Inbak kudstone N2Ti - SK087 4685. 33 1454. 35 Sungai Inbak kudstone N2Ti - SK088 4685. 46 1454. 47 Sungai Inbak kudstone N2Ti - SK081 4685. 46 1454. 47 Sungai Inbak Kudstone N2Ti - SK081 4685. 83 1454. 35 Sungai Inbak Kudstone N2Ti - - SK091 4679. 13 1453. 45 Sungai Inbak Sandstone N2Ti - - SK093 4679. 13 1453. 45 Sungai Inbak Sandstone N2Ti - - SK093 4679. 14 1453.	83		4684.48	1454.81	Sungai Imbak	Nudstone	N2Tj		dark gray
SW085 4584.83 1454.20 Sungai Imbak biorite Porphyry 11 - SW086 4685.18 1454.45 Sungai Imbak Kudstone NZ1 - SW087 4685.33 1454.45 Sungai Imbak Kudstone NZ1 - SW087 4685.38 1454.45 Sungai Imbak Kudstone NZ1 - SW087 4685.46 1454.70 Sungai Imbak Kudstone NZ1 - - SW089 4685.89 1454.35 Sungai Imbak Sandstone NZ1 - - SW090 4685.83 1454.35 Sungai Imbak Sandstone NZ1 - - SW091 4679.13 1453.45 Sungai Imbak Sandstone NZ1 - - SW092 4679.07 1453.65 Sungai Imbak Sandstone NZ1 - - SW093 4679.07 1453.65 Sungai Imbak Sandstone NZ1 - - SW093	84	- 	4684.57	1454-45	Sungai Imbak	Kudstone	N2Tj		dark gray
Str086 4685.18 1454.45 Sungai Imbak Kudstone N271 - SN087 4685.33 1454.43 Sungai Imbak Kudstone N271 - SN087 4685.33 1454.43 Sungai Imbak Kudstone N271 - SN088 4685.96 1454.47 Sungai Imbak Kudstone N271 - SN0930 4685.98 1454.35 Sungai Imbak Sandstone N271 - SN0910 4685.83 1453.45 Sungai Imbak Sandstone N271 - - SN091 4679.13 1453.62 Sungai Imbak Sandstone N271 - - SN092 4679.78 1453.60 Sungai Imbak Sandstone N271 - - SN093 4679.77 1453.60 Sungai Imbak Sandstone N271 - - SN093 4679.78 1453.45 Sungai Imbak Sandstone N271 - - SN093 4679.7	85		4684.83	1454.20	Sungai Imbak	Diorite Porphyry	11		gray, massive
SM087 4685. 33 1454. 93 Sungai Imbak Mudstone N2Ti – dark gray SN088 4685. 46 1454. 70 Sungai Imbak Kudstone N2Ti – dark gray SN089 4685. 46 1454. 47 Sungai Imbak Sandstone N2Ti – dark gray SN090 4685. 83 1454. 35 Sungai Imbak Sandstone N2Ti – dark gray SN091 4675. 13 1453. 62 Sungai Imbak Sandstone N2Ti – gray SN091 4679. 13 1453. 63 Sungai Imbak Sandstone N2Ti – gray. fine SN092 4679. 70 1453. 63 Sungai Imbak Sandstone N2Ti – gray. fine SN093 4679. 78 1453. 45 Sungai Imbak Sandstone N2Ti – gray. fine SN093 4679. 78 1453. 45 Sungai Imbak Sandstone N2Ti – gray. fine SN094 4679. 48 Intaba	86		4685.18	1454.45	Sungai Imbak	Mudstone	N2Tj		dark gray, cataclastic
SU038 4685. 46 1454. 70 Sungai Imbak Mudstone N2T j - dark gray SN039 4685. 96 1454. 47 Sungai Imbak Sandstone N2T j - dark gray SN030 4685. 96 1454. 47 Sungai Imbak Sandstone N2T j - Eray SN030 4685. 83 1454. 35 Sungai Imbak Kudstone N2T j - Eray SN030 4685. 83 1453. 85 Sungai Imbak Kudstone N2T j - Eray SN091 4679. 13 1453. 80 Sungai Imbak Sandstone N2T j - Eray SN092 4679. 76 1453. 80 Sungai Imbak Sandstone N2T j - Eray SN094 4679. 78 Sungai Imbak Sandstone N2T j - Eray fine SN095 4679. 78 Sungai Imbak Sandstone N2T j - Eray fine SN096 4679. 48 1453. 45 Sungai Imbak </td <td>87</td> <td></td> <td>4685.33</td> <td>1454.93</td> <td>Sungai Imbak</td> <td>Wudstone</td> <td>N2Tj</td> <td></td> <td>dark gray</td>	87		4685.33	1454.93	Sungai Imbak	Wudstone	N2Tj		dark gray
SW089 4685. 66 1454. 47 Sungai Linbak Sandstone N2T - Rray SN091 4679. 13 1454. 35 Sungai Linbak Sandstone N2T - Rray SN091 4679. 13 1454. 35 Sungai Linbak Kandstone N2T - Rray SN092 4679. 13 1453. 62 Sungai Linbak Kandstone N2T - Rray SN093 4679. 07 1453. 60 Sungai Linbak Sandstone N2T - Rray. fine SN094 4679. 78 1453. 63 Sungai Linbak Sandstone N2T - Eray. fine SN094 4679. 78 1453. 45 Sungai Linbak Sandstone N2T - Eray. fine SN095 4679. 56 Sungai Linbak Sandstone N2T - Eray. fine SN096 4679. 46 1453. 45 Sungai Linbak Sandstone N2T - Eray. fine SN096 4679. 45 1453. 45 Sungai Linbak	88		4685.46	1454.70	Sungai Imbak	Mudstone	N2Tj		dark gray
SW090 4685.83 1454.35 Sungai Imbak Sandstone N27j - Eray SW091 4679.13 1453.62 Sungai Imbak Mudstone N27j - Eray Fine SW092 4679.33 1453.62 Sungai Imbak Sandstone N27j - Eray Fine SW093 4679.07 1453.50 Sungai Imbak Sandstone N27j - Eray Fine SW094 4679.78 1453.50 Sungai Imbak Sandstone N27j - Eray Fine SW094 4679.56 1453.63 Sungai Imbak Sandstone N27j - Eray Fine SW095 4679.56 1453.63 Sungai Imbak Sandstone N27j - Eray Fine SW095 4679.56 1453.45 Sungai Imbak Sandstone N27j - Eray Fine SW097 4679.53 Sungai Imbak Sandstone N27j - Eray Fine </td <td>89</td> <td></td> <td>4685.96</td> <td></td> <td>Sungai Imbak</td> <td>Sandstone</td> <td>N2Tj</td> <td></td> <td>gray</td>	89		4685.96		Sungai Imbak	Sandstone	N2Tj		gray
SM091 4679.13 1453.62 Sungai Imbak Mudstone N2T j - gray fine SM092 4679.33 1453.62 Sungai Imbak Sandstone N2T j - Bray, fine SM093 4679.07 1453.50 Sungai Imbak Sandstone N2T j - Bray, fine SM094 4679.07 1453.50 Sungai Imbak Sandstone N2T j - Bray, fine SM095 4679.56 1453.94 Sungai Imbak Sandstone N2T j - Bray, fine SM095 4679.56 1453.45 Sungai Imbak Sandstone N2T j - Bray, fine SM096 4679.48 1453.45 Sungai Imbak Sandstone N2T j - Bray, fine SM097 4679.48 1453.63 Sungai Imbak Sandstone N2T j - Bray, fine SM096 4679.41 1453.63 Sungai Imbak Sandstone N2T j - Bray, fine SM098 4679.47	6		4685.83	·	Sungai Imbak	Sandstone	N2Tj	E I	gray
SM092 4679. 33 1453. 84 Sungai Imbak Sandstone N2T j - gray, fine SM093 4679. 07 1453. 50 Sungai Imbak Sandstone N2T j - gray, fine SM094 4679. 78 1453. 50 Sungai Imbak Sandstone N2T j - gray, fine SM094 4679. 78 1453. 63 Sungai Imbak Sandstone N2T j - gray, fine SM095 4679. 56 1453. 63 Sungai Imbak Sandstone N2T j - gray, fine SM096 4679. 48 1453. 45 Sungai Imbak Sandstone N2T j - gray, fine SM097 4679. 35 1453. 35 Sungai Imbak Sandstone N2T j - gray, fine SM098 4679. 74 1453. 63 Sungai Imbak Sandstone N2T j - gray, fine SM098 4679. 74 1453. 63 Sungai Imbak Sandstone N2T j - gray, fine SM098 4679. 87 <td>61</td> <td></td> <td>4679.13</td> <td>1</td> <td>Sungai Imbak</td> <td>Mudstone</td> <td>N2Tj</td> <td></td> <td></td>	61		4679.13	1	Sungai Imbak	Mudstone	N2Tj		
SM093 4679.07 1453.50 Sungai Imbak Sandstone N2T - gray, fine SM094 4679.78 1453.94 Sungai Imbak Sandstone N2T - gray, fine SM095 4679.56 1453.63 Sungai Imbak Sandstone N2T - gray, fine SM095 4679.56 1453.63 Sungai Imbak Sandstone N2T - gray, fine SM096 4679.56 1453.45 Sungai Imbak Sandstone N2T - gray, fine SM097 4679.35 1453.45 Sungai Imbak Sandstone N2T - gray, fine SM098 4679.74 1453.63 Sungai Imbak Sandstone N2T - gray, fine SM098 4679.73 1453.24 Sungai Imbak Sandstone N2T - gray, fine SM099 4679.72 1453.24 Sungai Imbak Sandstone N2T - gray, fine SM100 4679.72 1453.11 <	92		4679.33	L	Sungai Imbak	Sandstone	N2Tj		fine
SM094 4679.78 1453.94 Sungai Imbak Sandstone N2Tj - gray. SM095 4679.56 1453.63 Sungai Imbak Sandstone N2Tj - gray. SM095 4679.48 1453.63 Sungai Imbak Sandstone N2Tj - gray. SM096 4679.48 1453.45 Sungai Imbak Sandstone N2Tj - gray. SM097 4679.35 1453.35 Sungai Imbak Sandstone N2Tj - gray. SM098 4679.35 1453.63 Sungai Imbak Sandstone N2Tj - gray. SM098 4679.87 1453.63 Sungai Imbak Sandstone N2Tj - gray. SM099 4679.87 1453.24 Sungai Imbak Sandstone N2Tj - gray. SM099 4679.87 1453.24 Sungai Imbak Sandstone N2Tj - gray. SM100 4679.72 1453.11 Sungai Imbak San	93	+	4679.07		Sungai Imbak	Sandstone	N2Tj		fine
SM095 4679.56 1453.63 Sungai Imbak Sandstone N2Tj - gray SM096 4679.48 1453.45 Sungai Imbak Sandstone N2Tj - 2 2 SM096 4679.48 1453.45 Sungai Imbak Sandstone N2Tj - 2 2 SM097 4679.35 1453.35 Sungai Imbak Sandstone N2Tj - 2 2 SM098 4679.74 1453.63 Sungai Imbak Sandstone N2Tj - 2 2 SM099 4679.87 1453.63 Sungai Imbak Sandstone N2Tj - 2 2 SM099 4679.87 1453.24 Sungai Imbak Sandstone N2Tj - 2 2 SM100 4679.72 1453.11 Sungai Imbak Sandstone N2Tj - 2 2 SM100 4679.72 1453.11 Sungai Imbak Sandstone N2Tj - 2 2	94	-+	4679.78	1453.94	Sungai Imbak	Sandstone	N2Tj		
SM096 4679.48 1453.45 Sungai Imbak Sandstone N2T j - eray SM097 4679.35 1453.35 Sungai Imbak Sandstone N2T j - eray. SM097 4679.35 1453.35 Sungai Imbak Sandstone N2T j - eray. SM098 4679.74 1453.63 Sungai Imbak Sandstone N2T j - eray. SM099 4679.74 1453.63 Sungai Imbak Sandstone N2T j - eray. SM099 4679.87 1453.24 Sungai Imbak Sandstone N2T j - eray. SM100 4679.72 1453.11 Sungai Imbak Sandstone N2T j - eray.	<u>95</u>	-	4679.56	1453. 63	Sungai Imbak	Sandstone	N2Tj	ну страниција и странициј И страниција и страниција И страниција и страници	gray
SM097 4679.35 1453.35 Sungai Imbak Sandstone N2T j - gray. SM098 4679.74 1453.63 Sungai Imbak Sandstone N2T j - gray. SM098 4679.74 1453.63 Sungai Imbak Sandstone N2T j - gray. SM099 4679.87 1453.24 Sungai Imbak Sandstone N2T j - gray. SM100 4679.72 1453.11 Sungai Imbak Sandstone N2T j - gray.	96	- <u> </u>	4679.48	1453.45	Sungai Imbak	Sandstone	N2Tj	1	
SM098 4679.74 1453.63 Sungai Imbak Sandstone N2Tj - gray. SM099 4679.87 1453.24 Sungai Imbak Sandstone N2Tj - gray. SM100 4679.72 1453.11 Sungai Imbak Sandstone N2Tj - gray.	97	+	4679.35	1453.35	Sungai Imbak	Sandstone	N2Tj		fine
SW099 4679.87 1453.24 Sungai Imbak Sandstone N2Tj - gray. SW100 4679.72 1453.11 Sungai Imbak Sandstone N2Tj - gray.	86		4679.74	1453.63	Sungai Imbak	Sandstone	NZTj	1	gray
SW100 4679.72 1453.11 Sungai Imbak Sandstone N2Tj - Gray,	66		4679.87	1453.24	Sungaî Inbak	Sandstone	N2Tj		
	100	1.	4679.72	ļ	Sungai Imbak	Sandstone	N2Tj		

Page 6			lined						ned	-									ic		<u>ບ</u>	
	Description		light gray, fine grained	gray, fine rained	gray, massive	gray	gray, massive	gray, fine grained	dark gray, fine grained	gray	gray, fine grained	dark gray	black	light gray - white	gray	gray, fine grained	dark gray	gray	dark gray, cataclastic	dark gray, massive	ark gray, cataclastic	-
	Alteration/Wineralization				- I				6		rusty surface			silicified	1	-			a a construction of the second s		- 1	
	Geol.	Unit	N2Tj	N2T j	II .	N2Tj	11	N2Tj	N2T.j	N2Tj	N2T.j	N2T.j	N2Tj	N2Tj	N2T.j	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	
	· Rock Name		Sandstone	Sandstone	Diorite Porphyry	Mudstone	Diorite Porphyry	Sandstone	Sandstone	Mudstone	Sandstone	Mudstone	Wudstone	Sandstone	Nudstone	Sandstone	Nudstone	Nudstone	Nudstone	Nudstone	Wudstone	
	1/50,000	Topo. Sheet	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	
	nates	E	1453.88	1453.49	1453.65	1453.79	1453.94	1453.40	1453.47	1453.17	1453-02	1452.82	1453.77	1453.40	1453.86	1453-02	1453. 24	1453.87	1453.66	1453.17	1453.64	
ak	Coordinates	N	4680.17	4680.15	4680.47	4680.73	4681.02	4680.44	4680.77	4680.26	4680.58	4680.81	4681.02	4681-64	4681.44	4681.23	4681.44	4681.66	4681.66	4681.60	4681.78	ct ,cc,
Area: Sungai Imbak	Sample	No.	SW101	SM102	SM103	SM104	SM105	SM106	SM107	SM108	SM109	OTINS	SW111	SN112	SN113	SN114	SII15	SN116	ZITINS	SN118	SN119	
Area:	Ser.	No.	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	

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· · ·		n Description		dark gray	gray			CO 1	× .	<u> </u>	Ξ.	icla	Iclas	cataclastic			phenocryst	Ę		i	cataclastic		phenocryst
		E		dar	dark gr	dark gray		ł		dark gray, cataclastic	dark gray, cataclastic	dark gray, cataclastic	dark gray, cataclastic	dark gray, cata	dark gray	dark gray	gray, Pl., Hbl.	dark gray	dark gray	gray		gra)	gray, Pl., Hbl.
		Alteration/Wineralization		1		weak Py-diss.	argillized	weak Py-diss.	weak Py-diss.	weak Py-diss.	1	weak Py-diss.	weak Py-diss.		weak Py-diss.	weak Py-diss.	weak Py-diss.						weak Py-diss.or spot, silicified
		Geol.	Unit	N2Tj	N2Tj	N2Tj we	N2Tj ar	N2Tj we	N2Tj we	N2Tj we	N2Tj	N2Tj we	N2Tj we	N2Tj	N2Tj W(N2Tj w	II W	N2Tj	N2Tj	11	N2Tj	N2Tj	11
,		Rock Name		Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Mudstone	Nudstone	Nudstone	Nudstone	Kudstone	Mudstone	Mudstone	Mudstone	Diorite Porphyry	Mudstone	Mudstone	Diorite Porphyry	Mudstone	Wudstone	Diorite Porphyry
	•	1/50,000	Topo. Sheet	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak
	· · · · ·	nates	ر ب	1453.37	1453.90	1453.63	1452.59	1453.89	1453.38	1453.11	1453.92	1453.70	1453.33	1453.67	1453.77	1453.43	1453.21	1453. 63	1453.37	1453.03	1453.62	1453.40	1453.02
	bak	Coordinates	N	4682.11	4682.08	4682.49	4682.47	4682.55	4682.54	4682.33	4682.68	4682.67	4682.67	4682.99	4683.31	4683.27	4683.25	4683.61	4683-59	4683.56	4683.75	4683.85	4683.69
	Area: Sungai Imbak	Sample	No.	SN121	SN122	SM123	SM124	SM125	SW126	SW127		╍┨┈┈╸		- 1	SN132	SM133	SM134	SK135	SM136	SM137	5M138) SN139	SN140
ar († 1997) 1970 - Santa 1970 - Santa Santa 1970 - Santa Santa	Area:	Ser.	No.	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140

				<u> </u>						9										
Description		gray	dark gray	gray	gray	gray	dark gray	dark gray	dark gray	white - light brown, massive	dark gray, cataclastic	dark gray, fine grained	dark gray, fine grained	dark gray	dark gray, cataclastic	dark gray	dark gray	gray, fine grained	gray, fine grained	orav fine orained
Alteration/Wineralization			· · · · · · · · · · · · · · · · · · ·	chloritized				1		Qtz. veinlet, wd.0.1-0.5mm	1		1		B					1
Geol.	Unit	II	NZTj	ΙI	11	11	N2Tj	N2T.j	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	N2T j	N2Tj	N2Tj	N2T j	N2Tj	N9T :
Rock Name		Diorite Porphyry	Mudstone	Diorite Porphyry	Diorite Porphyry	Diorite Porphyry	Mudstone	Mudstone	Mudstone	Sandstone	Mudstone	Mudstone	Sandstone	Mudstone	Mudstone	Mudstone	Mudstone	Sandstone	Sandstone	Condetono
1/50, 000	Topo. Sheet	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Sungai Imbak	Comment Tabah
lates	Ŀч	1453.90	1453.65	1453.88	1453.92	1453.87	1453.67	1453.46	1453.37	1452.85	1453.95	1453.90	1453.67	1453.40	1453.05	1453.31	1452.82	1452.69	1452.61	1150 10
Coordinates	Z	4684-06	4683.99	4684.36	4684.53	4684.79	4684.71	4684.60	4684.34	4681.77	4685.52	4685.08	4685.29	4685.33	4685.38	4685.86	4680.57	4680.48	4680.94	00 0001
Sample	No.	SN141	SN142	SM143	SM144	SM145	SN146	SM147	SN148	SN149	SM150	SM151	SM152	SN153	SM154	SN155	SN156	SN157	SM158	01170
		141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	C

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VI CG						[00]	Alteration/Wineralization	Description
Ser.	Sample	Coord	Coordinates	1/50, 000	KOCK Name	neor.	TOTA BATTO TATIN /ITATA DIA TU	
No.	No.	N	ш	Topo. Sheet		Unit		
191	SM161	4681.11	1452.47	Sungai Imbak	Sandstone	11	1	gray, fine grained
162	SM162	4681.08	1452.18	Sungai Imbak	Mudstone	N2Tj		dark gray
163	SM163	4681.46	1452.74	Sungai Imbak	Sandstone	N2Tj	weakly silicified	gray, massive
164	SN164	4681.28	1452.03	Sungai Imbak	Wudstone	N2Tj	Py-diss.	dark gray, massive
165	SM165	4681.53	1452.91	Sungai Imbak	Sandstone	N2Tj	weakly silicified	gray
166	SN166	4681.51	1452.58	Sungai Imbak	Diorite Porphyry	11	argillized, Py-diss.	gray
167	SMI67	4681.54	1452.06	Sungai Imbak	Mudstone	N2Tj	Py-diss.	dark gray
168	SW168	4681.78	1452.63	Sungai Imbak	Sandstone	N2T j	silicified	white - light brown, massive
169	SN169	4682.11	1452.39	Sungai Imbak	Sandstone	N2T j	silicified, weak Py-diss.	gray
170	SW170	4682.35	1452.79	Sungai Imbak	Diorite Porphyry	11	argillized	light gray
171	SW171	4682.33	1452.64	Sungai Imbak	Sandstone	N2Tj	1	light gray
172	SN172	4682.37	1452.50	Sungai Imbak	Sandstone	N2Tj	silicified	light gray
173	SN173	4682.19	1452.95	Sungai Imbak	Sandstone	N2Tj	silicified	white - light gray
174	SN174	4682.58	1452.66	Sungai Imbak	Nudstone	N2T.j	silicified, weak Py-diss.	dark gray
175	SN176	4682.72	1452.41	Sungai Imbak	Sandstone	N2Tj	silicified, weak Py-diss.	gray
176	ZTINS	4682.92	1452.13	Sungai Imbak	Sandstone	N2Tj	silicified, Py-diss.	gray, massive
177	SN178	4683.26	1452.94	Sungai Imbak	Mudstone	N2T.j	weak Py-diss.	dark gray
178	SN179	4683.49	1452.55	Sungai Imbak	Diorite Porphyry	11	weak Py-diss.	gray, massive
179	SM180	4683.63	1452.87	Sungai Imbak	Mudstone	N2Tj	silicified, argillized, Py-diss.	dark gray

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gu	Sungai Imbak						Page 10
Ĝ,	Sample Coor	Coordinates	1/50,000	Rock Name	Geol.	Alteration/Wineralization	Description
No.	N	E	Topo. Sheet		Unit		
00	SN181 4683.72	1452.71	Sungai Imbak	Sandstone	N2Tj	silicified, weak Py-diss.	gray
.	SM182 4682.98	1453.92	Sungai Imbak	Mudstone	N2TJ	J. J.	gray, slightly cataclastic
~	SM183 4682.12	1453.59	Sungai Imbak	Nudstone	N2Tj		dark gray, cataclastic
~~	SN184 4682.09	1452.26	Sungai Imbak	Sandstone	N2T.j	silicified, Py-diss.	gray, massive
	SM185 4682.07	1452.11	Sungai Imbak	Sandstone	N2Tj	Py. veinlet, 1-2mm	gray, massive
	SM186 4681.54	1452.32	Sungai Imbak	Sandstone	IN2T j	weakly silicified	gray, massive
	SM187 4682 98	1453.41	Sungai Imbak	Mudstone	N2Tj	1	gray
	SN188 4682.99	1453.24	Sungai Imbak	Sandstone	N2Tj	I	gray - light gray
	SM189 4681.22	1454.16	Sungai Imbak	Mudstone	N2Tj		dark gray
	SM190 4681.99	1452.24	Sungai Imbak	Kudstone	N2Tj	silicified, argillized	gray
	SM191 4685.65	1453.24	Sungai Imbak	Mudstone	N2Tj	1	dark gray, cataclastic
	SM192 4680.37	1454.76	Sungai Imbak	Sandstone	N2T.j		gray, fine grained
	SM193 4681.17	1452.76	Sungai Imbak	Mudstone	N2T j	silicified	dark gray
	SM194 4680.42	1453.94	Sungai Imbak	Sandstone	N2T j		gray, fine grained
	SM195 4680.60	1453.20	Sungai Imbak	Sandstone	N2T.j		gray, fine grained
	SM196 4679.55	1453.96	Sungai Imbak	Sandstone	N2T.j	- 1	gray, fine grained
	SN197 4681.38	1452.55	Sungai Imbak	Wudstone	N2T j		dark gray
	SN198 4682.70	1455.82	Sungai Imbak	Mudstone	N2Tj	-	dark gray
~~ ·	SN199 4680.92	1453. 32	Sungai Imbak	Wudstone	N2Tj	-	dark gray
	SM200 4684.23	1454.47	Sungai Imbak	Kudstone	N2Tj		dark gray

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Ser.SampleCoordinates1/50.000Rock NameGeol.Alteration/WineralizationDescriptionNo.No.NETopo. SheetUnitUnitNo.200SW2014682.091453.13Sungai ImbakSandstoneN2Tjsilicified, weak Py-diss.dark gray201SW2024682.081452.82Sungai ImbakSandstoneN2Tjsilicified, weak Py-diss.gray	Агея	Area: Suncai Imbak	nbak	· · ·					Page 11
Coordinates1/50,000Kock NameVeol.Alteration alterationNETopo. SheetUnitAlteration alterationAlteration4682.091453.13Sungai ImbakSandstoneN2Tjsilicified, weak Py-diss.dark gre4682.081452.82Sungai ImbakSandstoneN2Tjsilicified, weak Py-diss.gray							50	Altorotion/Nineraliastion	Description
No.NETopo. SheetUnitSM2014682.091453.13Sungai ImbakSandstoneN2Tjsilicified. weak Py-diss.SM2024682.081452.82Sungai ImbakSandstoneN2Tjsilicified. weak Py-diss.	Ser.	Sample	Coord	inates	1/50,000	kock name	veor.	in the post to tout a finding ran Tu	
N. M. M. M. M. M. M. Sandstone N2Tj silicified, weak Py-diss. SN202 4682.08 1452.82 Sungai Imbak Sandstone N2Tj silicified, weak Py-diss.	Ņ	CN.	2	۴±	Topo. Sheet	-	Unit		
Sandstone N2Tj silicified, weak Py-diss. Sandstone N2Tj silicified, weak Py-diss.	2	2	-	1					Jack amon
Sandstone N2Tj silicified, weak Py-diss.	000	CV001	1689 00	1453 13	Sungai Imbak	Sandstone	N2Tj	silicified, weak Py-diss.	uark gray
4682.08 1452.82 Sungai Imbak Sandstone N2Tj silicified, weak ry-diss.	002	TNTRO	4006- 03	01 -0041					
	106	CN000	4689 08	1452 82	Sungai Inbak	Sandstone	N2TJ	silicified, weak Py-diss.	gray
	102	70780	00.0001	10 - 70 E T					

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Appendix 3

Analytical results of rock geochemical samples in S. Imbak Sub-area

	·	u 7 Mad	88	33	20	22 2	3	2 B	41	88	2 <u>6</u>	ß 8	113	<u>78</u>	110	202	116 61	54	143	117	101	120	115 70	26	3 8 8	76 85	8	2 2	Ξ	174	88	89 10 10	69 105	3 <u>5</u> 8	
		rs mgg	82 66	83	¥ %	67	92 8	8.6	20	22 33	88	240	11	2	84 70	33	88 6	ç Ş	73 56	88	ę z	28	74	100	នក្ន	113 86	ន្ល	8.6	85	88	32	91 91	8 8 8 8	200	
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		w %	711.	. 252	. 020	.218	. 184	. 553	. 040	. 052	. 332	.379	401	1. 106	. 420	. 055	. 158	. 163	1. 638 276	. 163	. 126 278	. 296	. 318	906	. 207 . 089	. 019 307	. 065	. 246	. 986	. 595	197	. 045 . 589	.214 1 108	. 832	
		62 B	22	88	68	32	ទួ	8 <u>0</u>	44	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	114	0 1	6	<u>5</u> 8	138	187	127	56	124	118	123	141	135	100	8 8 8	104 57	ଚ	91 91	120	120	22	39 81 81	43 118	26 8 2 6 8	
		a a	14	22	3 18	32	4 5	32	ထန္	2 =	25	13	31	2'89 2	88	22	53 19	55	32	25 25	21	5	23 23	38	27	85	10	<u>0</u> C	22	3 %	15	13 28	15 24	33 23	
		2 %	1.23	1.15	06	0	6.	1.04	88	1.06	1.21	58	1.12		8.	.23	75 75	ະ <u>ຮ</u>		ი ენ 	83 75	13	8.	. 76	8.8 8	48 78 78 78	. 85	66. 66	8	8.	8	85 67	.91 25	20.16	
		°% ₩	72	22	. 25 55	38	ទីខ្ល	5.1	8.	1.24	. 82	. 12	ន្ល	1.34	1. 48 99	. 25	1. 48 57	. 49	1.47	1.46	1.36	1. 35	1. 13 05	68	1. 15	 90	. 8	0 2 2 2	. 1. 8	8. 88.	381	1. 30 1. 30	.91	1. 32	
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•		ion (im)	Y-coord	453.880	1453, 495	1453, 647	1453. 795	453.940	1453, 398	1453.470	1453. 169	1453.017	1452.825	1453. 769	1453, 399	1453, 858	1453.020	1453, 235	1453 875	1453.655	1453. 167	1453, 640	1453, 184	1453, 372	1453, 898	1453 635	1452.592	1453.891	1453, 380	1453, 106	1453.921	1453, 700	1453, 332	1453.770	1453.431	1453.209	1453, 631	1400.000	1453.618	1453.401	1453.018	1453, 904	1453.652	1423. 812	1453. 925 1453. 925	1450.01	1453, 461	1453.369	1452. 849 1453. 954
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List of Geochemical Analysis(3)

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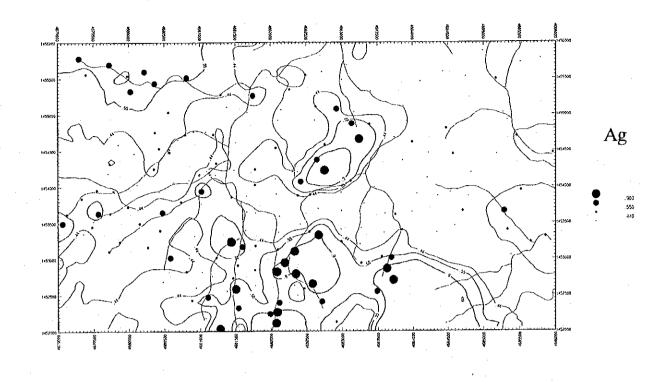
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99 Mgg	55	8 9	45	.37	27	53	.34	ខ្លួ	8.¥	1.02	.4	1.09	. 37	66 . 19	6	33	64.	c 88	, 19. 19.	. 45	£.	5 5 7	12.61	.31	88	. 20 7 3 7	.67	8.	8. 2	8 5		54	. 41	.	- C	37	ඉ	.36	8
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Locat	4685, 084 14 4685, 286 14	331 379	859	565	943	885	027	<u>8</u> 8	070 463	288 88	532	505	233	011	346	328	373	191	10	616	265	999	723	<u>9</u> 84	118	82	99	88	88	28	38	367	172	222		0 ⁴ 0	25	333	538 578
sample Nn	SM151 SM152	SM153	SM155	SM156	SMI 51	SM159	SM160	SM161	SMI62	SM164	3M165	SM166	SM167	SMIDS	02106	12 IV	3M172	20173	3M176	LL INK	87.178	6/ IWS	M181	3M182	SM183	MI84	M186	78IM	M188	MIGS	1610	M192	26IW	M194	MIGD	N 100	M198	SM199	M200
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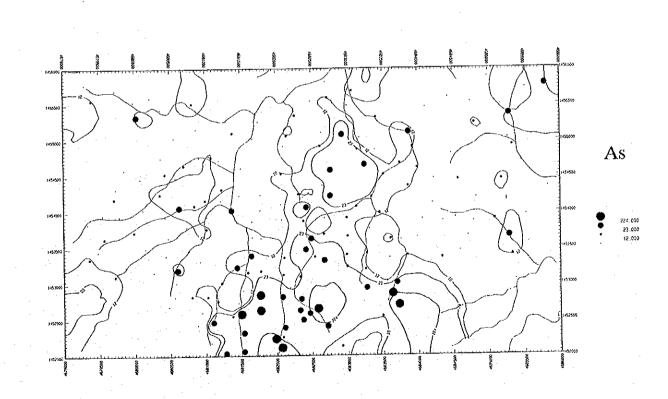
· ·		
	Zn ppm 124	
	AD Mgg 40	
	gg ₩62.	
· · ·	s % 6/1	
	Rb ppm 153	
	Pb ppm 336	
	5 % 8	
	60% 72	
sis(5)	× × × 1	
List of Carohomical Analysis(5)	Hg bpb 34	
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2 ** *		
	a5 Bpbb	
.	As Mod 100	
	Ag ppm 1. 34	
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n An Angelan An Angelan Angelan	Ser. Sam No. N 201 SM	
	F" 1	-A59-

Appendix 4

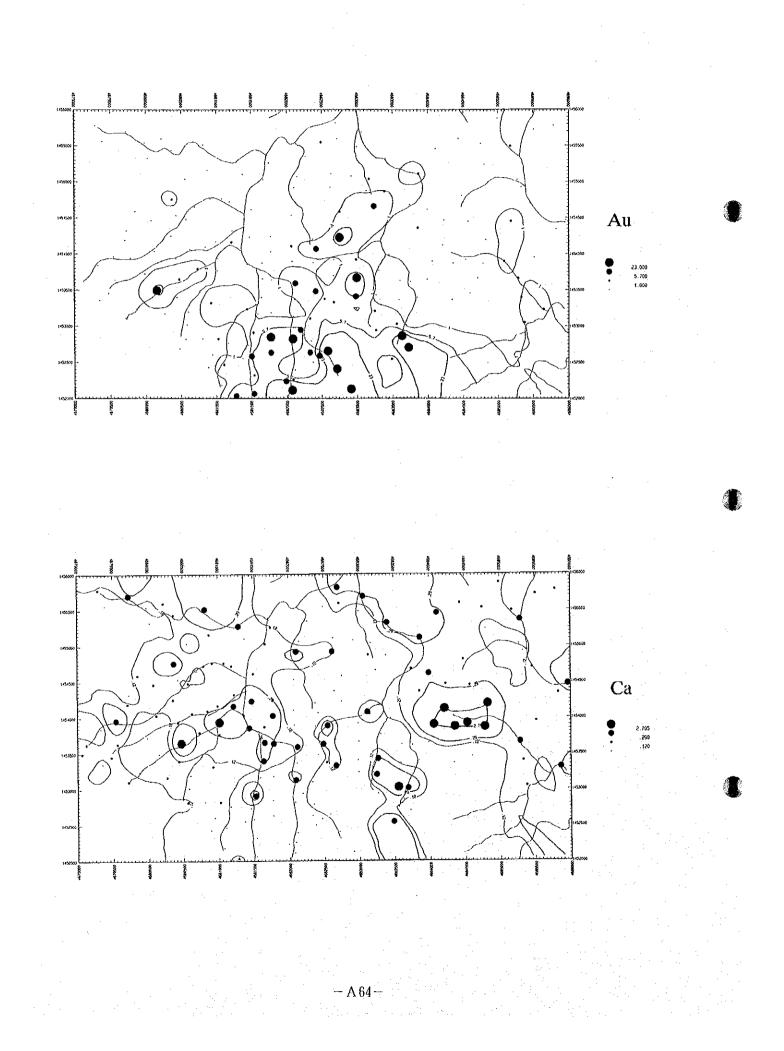
Distribution map of elements in S. Imbak Sub-area

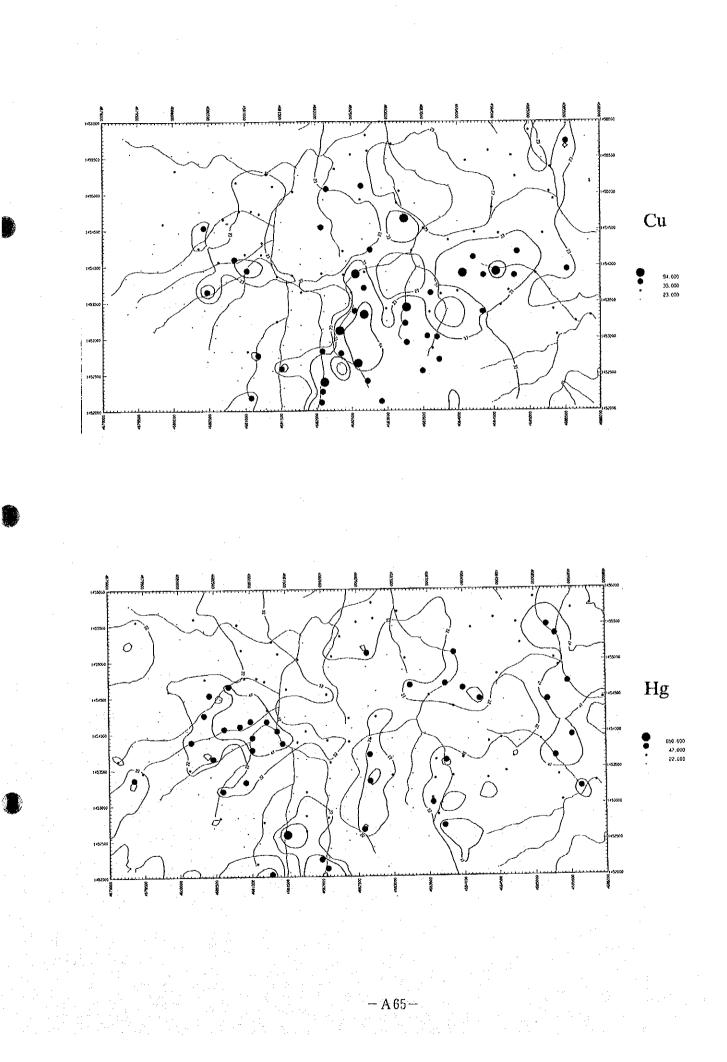
A 61 -

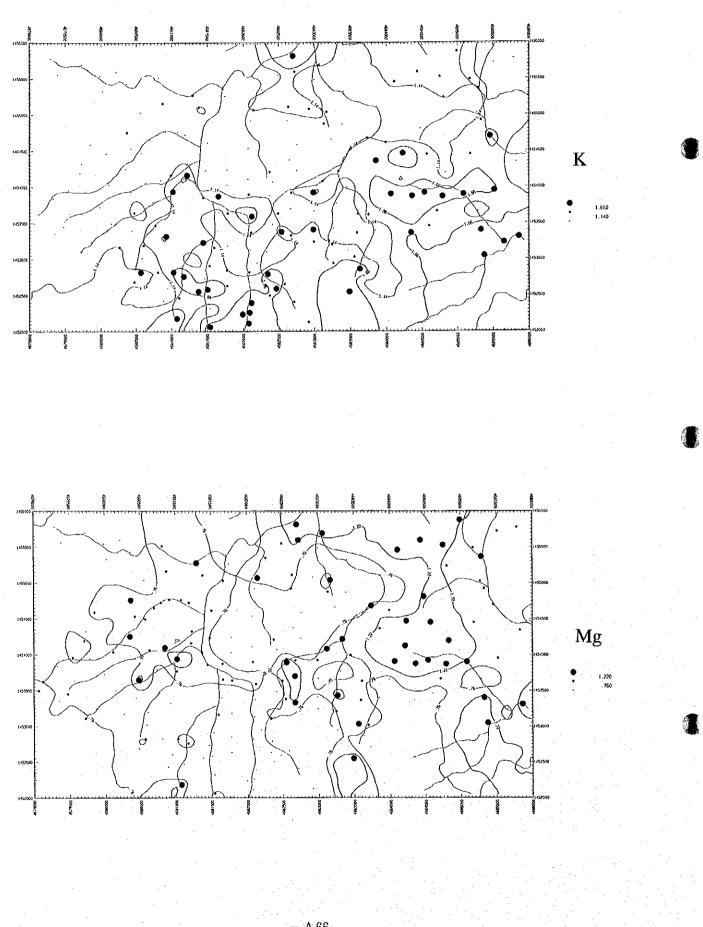




-A63-

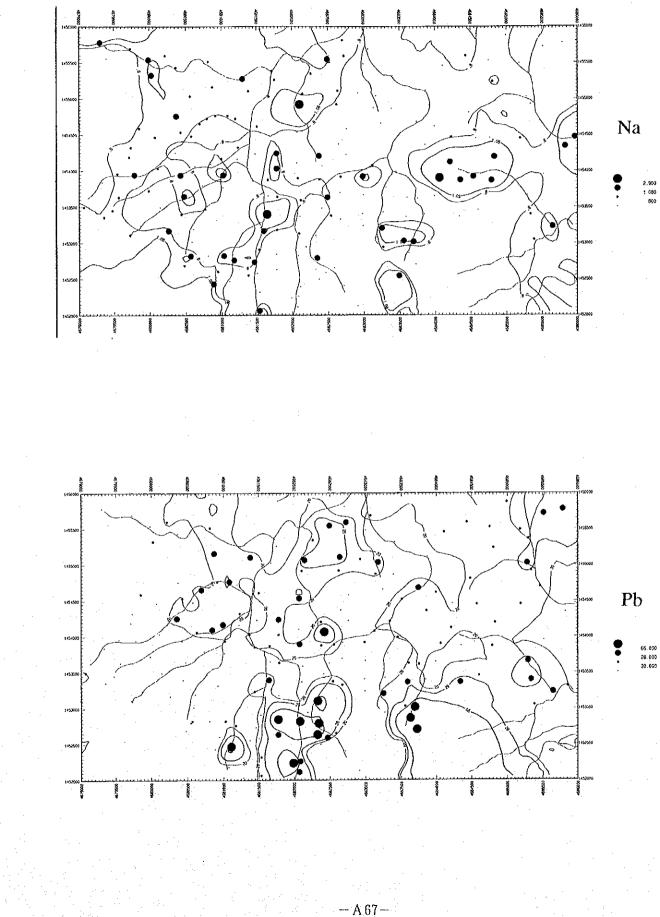




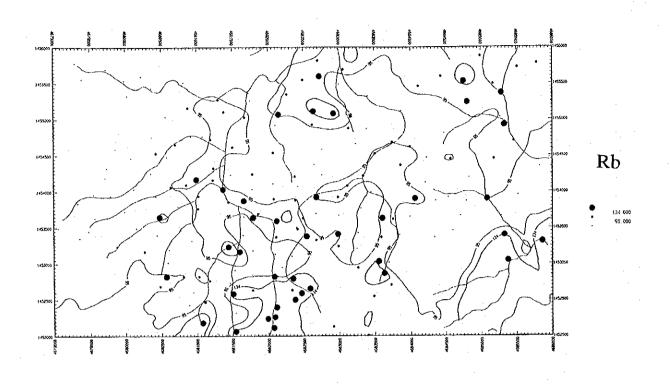


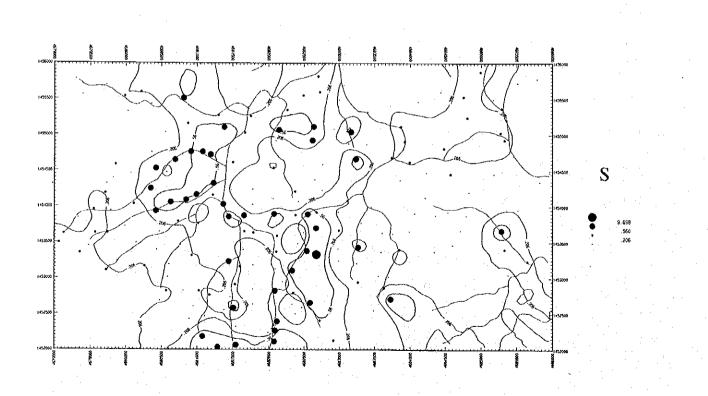
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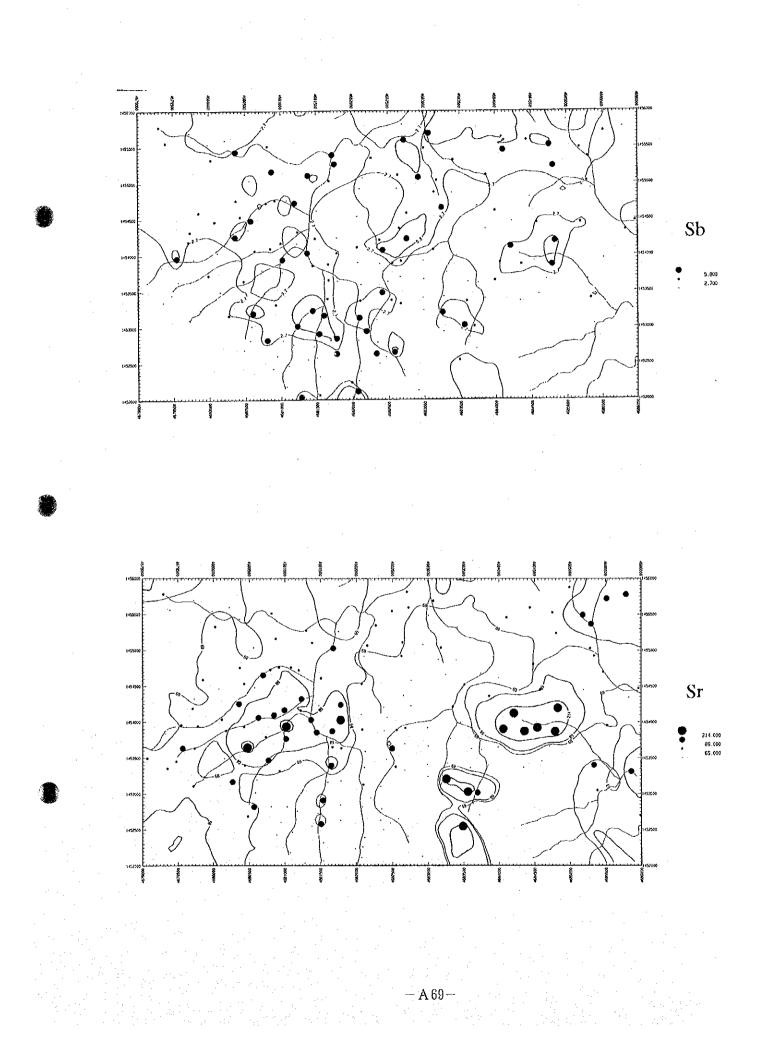


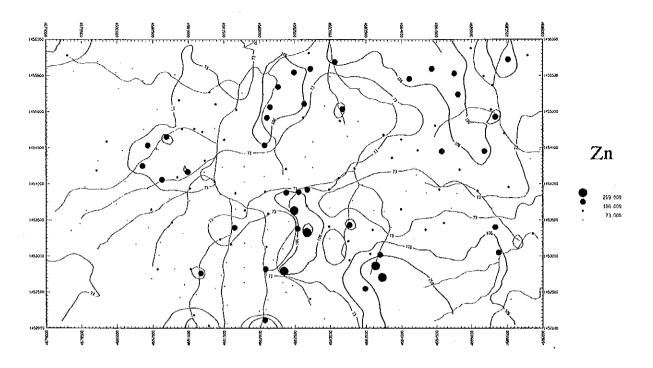
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-A70-

Appendix 5

List of soil geochemical samples in S. Imbak Sub-area (Gunong Kuli)

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Vegitation		Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest
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e;	*3	S	S	S	S	S	S	X	S	s	S	S	s	S	S	S	s	s	s	s	S
Ś	*2	C	C	ပ	ပ	С	S	s	С	ပ	ပ	ပ	С	ပ	С	ပ	ပ	ပ	ပ	ပ	c
പ	*	8	R	ы	54	R	Ľ.	E.	Ľ.	2	N	<u>1</u>	Я	M	R	æ	R	~	Ж	R	8
Color	1.4	YI.Br.	Yl Br.	Br.	YI.Br.	Yl.Br.	Yl.Br.	Lt. Br.	YI.Br.	Y1.Br.	YI.Br.	Br.	YI.Br.	Yl. Br.	Yl.Br.	Br.	Br.	Br.	Br.	Br.	Yl.Br.
Depth	(cm)	20	20	20	20	20	30	30	20	20	20	20	20	15	20	20	20	20	20	20	20
Geol.	Unit	N2Tj	N ₂ Tj	N_2T_j	N2Tj	N2Tj	N _z Tj	N₂Tj	N2Tj	NaTj	· I	NzTj	Iı	N2Tj	I	NzTj	ľ,	N2T3	11	N²Tj	N2Tj
Rock of	Basement	1		Sands tone	E		Sands tone	Sands tone	1	I	Diorite Porphyry		Diorite Porphyry	Nudstone		1	-	Sands tone	-	-	-
1/50,000	Topo. Sheet	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli
nates	ш	1451.57	1451.69	1451.14	1451.45	1451.09	1451.38	1451.14	1451.90	1451.67	1451.41	1451.41	1451.12	1451.31	1451.89	1451.88	1451.55	1451.48	1451.34	1450.62	1450.14
Coordinates	N	4679.18	4679.61	4679.24	4679.72	4679.74	4680.48	4680.70	4684.30	4684.56	4684.05	4684.51	4684.42	4684.86	4685.34	4685.76	4685.50	4685.13	4685.74	4679.29	4679.14
Sample	No.	GK001	2 GK002	GK003	GK004	GK005	GK006	GK007	GK008	GK009	GK010	GK011	GK012	GK013	GK014	GK015	GK016	GK017	GK018	GK019	20 GK020
Ser.			2	3	4	£	9	2	8	6	10	11	12	13	14	15	16	17	18	19	20

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Page 2

Page 2	Vegitatin		Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	(S), medium (M), flat (F).														
	H	*4		¥		F)		-	-	B =	-	-	B	B==	-	3 *	≥=	B	*	3		eep (;
	T.	*3	S	S	s	N	×	×	×	×	X	s	s	S	S	s	s	s	s	S	S	S	/: st
	Ś	*2	С	ပ	ပ	S	s	s	s	s	ပ	ပ	ပ	с Г	ပ	ပ	ပ	ပ	S	ပ	່ວ	ပ	raphy
	ප්	;	R	84	X.	×	>	<u>م</u>	Ľ.	Ľч.	X	M	~	×	M	<u>г</u> .	R	ſĿ,	X	R	~	~	opog
	Color		Yl.Br.	YL.Br.	YL.Br.	Dk. Br.	Br.	Br.	Br.	Yl. Br.	YL.Br.	Br.	Yl.Br.	Rd. Br.	Yl.Br.	Yl.Br.	YL. Br.	Yl.Br.	Br.	Yl.Br.	Br.	Yl.Br.	(). *3 T
	Depth	(cm)	20	20	20	25	30	25	25	25	25	30	20	20	20	20	30	20	20	20	15	15	clayey (C). *3 Topography: steep
	Geol.	Unit	N2Tj	N2Tj	N₂Tj	N²Tj	NaTj	N2Tj	NzTj	N2Tj	N2Tj	N2Tj	NaTj	N2Tj	N2Tj	N²Tj	N ₂ Tj	ΝzΤj	N₂Tj	I1	N2Tj	NaTj	
	Rock of	Basement	1		Sands tone	Sands tone	Sands tone	Sandstone	Sandstone	Sands tone	Sandstone	Sands tone	Sandstone	Sandstone	Sandstone	Sandstone	Mudstone	Mudstone	. Mudstone	Diorite Porphyry	Sands tone	Mudstone	*2 Grain size: sandy (S),
	1/50,000	Topo. Sheet	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	*1 Gravel: many (M), few (F), rare or none (R). *														
	nates	ध्य	1450.73	1450.47	1450.15	1450.64	1450.90	1450.45	1450.66	1450.11	1450.21	1450.93	1450.78	1450.54	1450.38	1450.16	1450.94	1450.74	1450.51	1450.70	1450.05	1450.58	(F), rare
ıli	Coordinates	N	4679.81	4679.85	4679.73	4680.25	4680.61	4680.45	4680.83	4680.38	4680.70		-	4683.63	4683.91	4683.70	4684.74	4684.48	4684.26	4684.90	4684.69	4685.42 1450.58	ıy (W), few
Area: Gunong Kuli	Sample	No.	GK021	GK022	GK023	GK024	GK025	GK026	GK027	GK028		í	GK031	GK032	GK033	GK034	GK035			CK038	39 GK039	40 GX040	avel: mar
Area: (Ser.	No	21	56	23	24	25	26	27	28	29	30	31	32	33	34	35	36		388	39	40	*1 Gr

— A 74 —

*4 Humidity: dry (D), wet (W).

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*4 Humidity: dry (D), wet (W).

Page 4	Vegitation		Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	(S), medium (M), flat (F).					
	н	*4	¥	,	2	¥	×.	¥.	J.		W.	H.	H.			iae:	a		8=.	-	2 5		
	Ţ	*3	S	S	s	S	S	s	S	S	s	s	S.	S	S	s	s	s	S	s	S	S	: ste
	s.	*2	С	c	c	C	С	C	c	С	С	С	C	С	С	С	ပ	c	С	ပ	ပ	ပ	aphy
	3	1*	R	R	ы	F	ж	F	Ж	R	R	R	Я	R	R	R	R	R	F	æ	ኴ	R	pogr
	Color		Yl.Br.	Br.	Rd. Br.	Yl.Br.	Yl. Br.	Dk. Br.	Yl.Br.	Yl.Br.	Yl.Br.	YI.Br.	YI.Br.	Yl.Br.	Y1.Br.	Yl.Br.	Yl.Br.	Yl.Br.	Yl.Br.	Br.	Br.	Y1.Br.). *3 Topography: steep
	Depth	(cm)	40	20	25	20	20	50	20	20	20	20	20	20	20	20	20	20	25	20	20	20	clayey (C).
	Geol.	Unit	N2Tj	N2Tj	N2Tj	N₂Tj	N2Tj	N ₂ Tj	N2Tj	$N_2 T_j$	N₂Tj	N2Tj	N₂Tj	NªTj	N2Tj	N₂Tj	N2Tj	N₂Tj	I	NaTj	NzTj	NzTj	
	Rock of	Basement	Sands tone	Mudstone	Sands tone	Sandstone	Sandstone	Mudstone	Nudstone	Nudstone	Mudstone	Mudstone	Nudstone	Wudstone	Sandstone		Kudstone	Sandstone	Diorite Porphyry		Mudstone	Mudstone	*2 Grain size: sandy (S),
	1/50,000	Topo. Sheet	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	*1 Gravel: many (M), few (F), rare or none (R). * *4 ministry, dry (M) wet (W)					
	Coordinates	÷	1449.50	1449.66	1449.34	1449.06	1449.10	1449.65	1449.55	1449.52	1449. 24	1449.28	1448.74	1448.72	1448.34	4679.58 1448.26	4679.92 1448.20	1448.87	4685.25 1450.93	1448.35	4680.49 1448.43	1448.70	r (F), rare
i.	Coord	N	4684.42	4684.80	4684.72	4684.43	4684.80	4685.29	4685.52	4685.92	4685.26	4685.75	4679.45	4679.83	4679.16	4679.58	4679.92	4680.22	4685.25	4680.17	4680.49	4680.56	*1 Gravel: many (M), few (F), *A thuridity: dry (D) wet (W)
Area:Gunong Kuli	Sample	No.	GK061	GK062	GK063	GK064	GK065	GK066	GK067	GK068	GK069	GK070	GK071	GK072	GK073	GK074	GK075	GK076	77 GK077	GK078	GK079	80 GK080	avel: man
Area:6	Ser.	No.	61	62	63	64	65	99	67	68	69	02	12	72	73	74	7.5	76	22	78	62	80	*1 Gr

*4 Humidity: dry (D), wet (W).

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Coordinates 1/50,000 N E Topo. Sheet 4680.92 1448.85 Gunong Kuli 4680.91 1448.17 Gunong Kuli 4681.39 1448.69 Gunong Kuli									
E 1448.85 1448.17 1448.69 1448.69 1448.69 1	KOCK OT	Geol.	Depth	Color	ى	ŝ	Ŀ.	н	Vegitation
1448.85 Gunong Kul 1448.17 Gunong Kul 1448.69 Gunong Kul	Basement	Unit	(cm)			*2	*3	*4	
1448.17 Gunong Kul 1448.69 Gunong Kul		NzTj	20	Br.	ч	C C	Ş	Å.	Primary Forest
1448. 69 Gunong Kul		NaTj	10	Yl.Br.	F	С	S	¥	Primary Forest
1 A 4 9 70	1	N2Tj	20	Yl.Br.	R	С	S		Primary Forest
01-044T		N2Tj	20	Yl.Br.	R	С	S		Primary Forest
		N2Tj	20	Yl.Br.	R	С	S	×.	Primary Forest
4684.31 1448.41 Gunong Kuli Nud	Nudstone	NªTj	20	Br	F	С	s	.	Primary Forest
Gunong Kuli	Mudstone	NzTj	20	Yl.Br.	F	C C	S		Primary Forest
1448.69		N2Tj	20	Yl. Br.	R	С	S	¥	Primary Forest
1448.26 Gunong Kuli	Mudstone	N2Tj	20	Yl.Br.	X	c	S		Primary Forest
Gunong Kuli	Mudstone	N2Tj	20	Yl.Br.	R	S	S		Primary Forest
4685.23 1448.43 Gunong Kuli		N2Tj	20	Y1.Br.	R	S	S		Primary Forest
4685.84 1448.46 Gunong Kuli Dic	Diorite Porphyry	I I	20 5	Yl.Br.	R	ပ	S) ==	Primary Forest
4685.41 1448.14 Gunong Kuli Dic	Diorite Porphyry	I1	20	Br.	R	c	S	2=	Primary Forest
4685.64 1448.12 Gunong Kuli Dic	Diorite Porphyry	I1	20	Br.	R	c	s	3	Primary Forest
4679.29 1447.87 Gunong Kuli Muc	Mudstone	'N2Tj	20	Yl.Br.	R	c	S		Primary Forest
4679.10 1447.57 Gunong Kuli		NzTj	20	Br.	R	C	S		Primary Forest
4679.75 1447.62 Gunong Kuli Dic	Diorite Porphyry	I1	25	YL.Br.	Я	ပ	S		Primary Forest
4679.59 1447.22 Gunong Kuli Muc	Mudstone	N₂Tj	30	Yl.Br.	M	S	S) Here:	Primary Forest
4680.40 1447.71 Gunong Kuli		N₂Tj	20	Br.	R	C .	S	*	Primary Forest
4680.68 1447.93 Gunong Kuli	-	N₂Tj	20	Br.	н	С	s	×.	Primary Forest

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Page	Vegitation		Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	S), medium (M), flat (F).
	H	*1	₽	8=		¥		3.		i=	¥) =	3=	▶=) Here:	3=	BF	₽=			*3 Topography: steep (S),
	Ŀ.	*3	S	S	S	S	X	S	F	S	S	S	S	S	S	F	۲.	s	S	ы	ы	<u>, FE-</u> ,	ŝ
	Ś	*2	С	c	С	ပ	C	S	S	С	ပ	ပ	ပ	ပ	С	ç	s	c	Ċ	s	ပ	ပ	aphy
	ى	[*]	Ľ.	Ĭ	ы	<u>г.,</u>	ы	7	É.	X	×	£±.	Ť.	Ľ.	R	R	F	R	R	R	В	Ж	igoqc
•.	Color		Br.	YL.Br.	Br.	Yl. Br.	Br.	Dk. Br.	Br.	Br.	Br.	Yl.Br.	Br.	Br.	Yl.Br.	Br.	 *3 T 						
	Depth	(cm)	20	20	15	30	20	30	20	25	20	15	20	15	25	25	20	25	20	25	25	25	clayey (C).
	Geol.	Unit	[1	N2Tj	N2Tj	N2Tj	NzTj	N2Tj	NzTj	N²Tj	I 1	I1	I 1	NzTj	N2Tj	N2Tj	N2Tj	N2Tj	N₂Tj	N2Tj	N₂Tj	N2Tj	sandy (S), c
· · ·	Rock of	Basement	Diorite Porphyry	Mudstone	Mudstone	Sands tone	Mudstone	Sands tone	Mudstone	Sands tone	Diorite Porphyry	Diorite Porphyry	Diorite Porphyry	Nudstone	Sands tone	Sands tone		Sands tone	Nudstone	· Kudstone	Sands tone	Mudstone	*2 Grain size: sand
	1/50,000	Topo. Sheet	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	1 .	Gunong Kuli	1	1	Gunong Kuli	Gunong Kuli		Gunong Kuli	(R).				
• •	nates	ш	1447.15	1447.43	1447.16	1447.80	1447.51	1447.82	1447.50	1447.44	1447.54	1447.88	1447.57	1447.63	1447.61	1447.71	1447.34	1447.18	1446.91	1446.57	1446.81	1446.14	(F), ran
į Į.	Coordinates	Z	4680.46	4680.92	4680.84	4681.42	4681.21	4681.69	4681.66	4682.06	4682.36	4682.89	4682.72	4683.13	4685.31	4685.83	4685.55	4685.78	4679.32	4679.52	4679.88	4679.27	*! Gravel: many (N), few (F), rare or none
Area: Gunono Kuli	Sample	No.	CK101	GK102	GK103	GK104		_	_	GK108	GK109	GK110	GK111	GK112	GK113				CK117	GK118	GK119		avel: man
Агея:	Ser.	NO.	101	102	103	104	105	106	107	108	109	110		112	113	114	115		117		119	120	*1 Gr

*4 Bumidity: dry (D), wet (W).

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Sample No. N No. N 6K121 4579.82 GK122 4680.25 6K123 4680.84 GK123 4680.84 6K125 4680.23	2	1 /50 000 1	Rock of	Geol.	Depth	Color	ය	s.	Т. Щ		vegitatin
No. N GK121 4679.82 GK122 4680.25 GK123 4680.84 GK124 4680.23 GK125 4680.23							Ŧ	- - 	14 64		
GK121 4679.82 GK122 4680.25 GK123 4680.84 GK124 4680.33 GK125 4680.23		Topo Sheet	basement	11UN	(CIII)		Ŧ	-+	-+		
GK122 4680.25 GK123 4680.25 GK123 4680.23 GK124 4680.70 GK125 4680.23	1446.26	Gunong Kuli	Mudstone	N2Tj	25	Yl.Br.	~)		Primary Forest
GK123 4680.84 GK124 4680.70 GK125 4680.23	╞	Gunong Kuli	Nudstone	N _z Tj	25	Yl.Br.	R	C F	B≡ I	<u> </u>	Primary Forest
GK124 4680.70 GK125 4680.23		Gunong Kuli	Mudstone	N ₂ Tj	20	Br.	R	s c			Primary Forest
GK125 4680.23		Gunong Kuli	Kudstone	N₂Tj	20	Br.	2	s c			Primary Forest
	<u> </u>	Gunong Kuli	Nudstone	N₂Tj	20	Yl.Br.	Ч	c c		н	Primary Forest
126 GK126 4680.68 14	1446.24	Gunong Kuli	Kudstone	N²Tj	20	Br.	~	ر د			Primary Forest
GK127 4681.27	1446. 71	Gunong Kuli	Nudstone	NzTj	20	Br.	24	- స	· · · · · · · · · · · · · · · · · · ·		Primary Forest
GK128 4681.68	1446.80	Gunong Kuli	Diorite Porphyry	[1	20	Br.	В	ິ ບ	■ S	×	Primary Forest
GK129 4681-25	1446.45	Gunong Kuli	Kudstone	N₂Tj	25	Yl.Br.	×	ທີ່ ບ	s S		Primary Forest
GK130 4681.86	1446.49	Gunong Kuli	Diorite Porphyry	I1	20	Br.	R	ت	s S		Primary Forest
GK131 4681.50	1446.09	Gunong Kuli	Diorite Porphyry	Į 1	20	Br.	R	 ບ	s S		Primary Forest
GK132 4682.01	1446. 73	Gunong Kuli	Mudstone	N2Tj	25	Br.	Ŀ	 ت	b≡ S		Primary Forest
GK133 4682.50	1446.87	Gunong Kuli	Diorite Porphyry	I,	20	Br.	æ	c	S W		Primary Forest
GK134 4682.27	1446. 39	Gunong Kuli	Mudstone	N2Tj	20	Br.	æ	c	S w		Primary Forest
GK135 4682.78	1446.42	Gunong Kuli	Mudstone	N₂Tj	20	Br.	R	່ ບ	s S		Primary Forest
GK136 4682-67	1446.69	Gunong Kuli	Diorite Porphyry	- I I	20	Br.	~	с U	S S		Primary Forest
GK137 4683.64	1446. 79	Gunong Kuli	Sandstone	N₂Tj	20	Br.	£3.4	۔ د	₩ 0		Primary Forest
CK138 4683.33	1446. 32	Gunong Kuli	t	N2Tj	20	Br.	×	် ပ	s S		Primary Forest
CK139 4683.75	1446.36	Gunong Kuli	Sandstone	N²Tj	30	Br. Th.	*	с U	≡ در		Primary Forest
GK140 4684-13	1446.28	Gunong Kuli	Diorite Porphyry	Iı	25	Yl.Br	8	- 	s S		Primary Forest

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No. 6K141 6K142 6K143	Ņ		1/ 30, 000	UUCK UL		neptu	COLOF	5	'n		4	vegiuation
GK141 GK142 GK143 GK143	•••	म्य	Topo. Sheet	Basement	Unit	(cm)		*	*2	¥	*4	
CK142 CK143 CK143	4685.60	1446.63	Gunong Kuli	Mudstone	NzTj	25	Br.	2	ပ	S	*	Primary Forest
GK143	4685.84	1446. 73	Gunong Kuli	Mudstone	N₂Tj	20	Dk. Br.	8	С	S	¥	Primary Forest
CV1.1	4685.79	1446.44	Gunong Kuli	Mudstone	N2Tj	20	Br.	لتم	ပ	s		Primary Forest
144 UN144 4	4685.61	1446.21	Gunong Kuli	Kudstone	NzTj	20	Br.	<u>Ľ</u> .	ပ	s	i 1	Primary Forest
145 GK145 4	4679.19	1445.74	Gunong Kuli	Mudstone	N2Tj	20	Br.	Я	c	F		Primary Forest
146 GK146 4	4679.86	1445.81	Gunong Kuli	Mudstone	NaTj	30	Br.	¥	С	S		Primary Forest
147 GK147 4	4679.50	1445.62	Gunong Kuli	Mudstone	N2Tj	30	YL. Br.	ä	С	F		Primary Forest
148 GK148 4	4679.28	1445-21	Gunong Kuli	Nudstone	NrTj	20	YI. Br.	<u>(</u> 24	Ċ	F	¥	Primary Forest
149 GK149 4	4679.88	1445.29	Gunong Kuli	. Mudstone	ΝzΤj	20	YL. Br.	a	c	S		Primary Forest
150 GK150 4	4680.16	1445.80	Gunong Kuli		N²Tj	30	Yl.Br.	R	C ·	s	¥ ×	Primary Forest
151 GK151 4	4680.66	1445.98	Gunong Kuli	Mudstone	NzTj	20	Br.	R	С	S		Primary Forest
152 GK152 4	4680.49	1445.59	Gunong Kuli	Mudstone	N₂Tj	25	Br.	ß	C	Ч		Primary Forest
153 GK153 4	4680.21	1445.13	Gunong Kuli	Mudstone	N2Tj	20	Br.	a a	c	F	¥	Primary Forest
154 GK154 4	4680.70	1445.33	Gunong Kuli	Mudstone	N2Tj	25	Yl.Br.	R	С	S		Primary Forest
155 GK155 4	4681.25	1445.43	Gunong Kuli		N2Tj	20	Yl.Br.	Ľ.,	c	S	¥	Primary Forest
156 GK156 4	4681.58	1445. 74	Gunong Kuli	ł	[L ^z N	20	Yl.Br.	Ľ.	c	S .	¥	Primary Forest
157 GK157 4	4681.90	1445.95	Gunong Kuli	ŧ	N2Tj	30	Yl.Br.	· Eu	c	F	¥	Primary Forest
158 GK158 4	4681.90	1445.61	Gunong Kuli	Wudstone	N₂Tj	30-	Yl.Br.	<u>د</u> .	С	S		Primary Forest
159 GK159 4	4681.71	1445.34	Gunong Kuli		N₂Tj	30	Br.	R	C	s	B∎:	Primary Forest
160 GK160 4	4682.27	1445.96	Gunong Kuli	Diorite Porphyry	. I 1	20	Yl.Br.	щ	c	s	8	Primary Forest
*1 Gravel: many (M), few (F),	(W) few		rare or none (R). *	*2 Grain size: sandy	(S),	clayey (C).). *3 Topography: steep	pogr	aphy	: ste		(S), medium (N), flat (F).
*4 Humidity: dry (D), wet (W)	v (D), wet	t (W).		-								
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°,				T	r		T		r			<u> </u>		<u>-</u> T					-	T			E
Page	Vegitation		Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	Primary Forest	medium (M), flat						
•	H.	*4	*		Δ	;s=:			Be	B=				*	⊯	*		B ==			j∎=	i	sep (S
	٤i	*3	S	S	S	s	S	S	S	S	5	S	S	s	S	s S	S	s	s	s	ĿЧ	Ч	: ste
	ŝ	*2	c	с	ပ	С	c	C	С	С	c	c	S	ပ	S	ပ	ပ	ن	С	С	C	С	aphy
	ى	*1	ß	F	×	R	R	×	۲.	8	24	R	*	В	R	×	<u>~</u>	R	R	R.	R	R	Igodo
	Color		Br.	Yl.Br.	Yl.Br.	Br.	Br.	YL.Br.	Br.	Yl.Br.	Yl. Br.	YI.Br.	Wh. Br.	Dk. Br.	Wh. Br.	Br.	Br.	Yl.Br.	Yl.Br.	Yl.Br.	Yl. Br.	Br.	C). #3 T
·	Depth	(cm)	20	15	15	20	20	20	20	30	20	30	40	30	40	20	20	-20	25	20	20	20	clayey (C). #3 Topography: steep (S),
	Geol.	Unit	NaTj	NzTj	N2TJ	N2TJ	N2Tj	N²Tj	I 1	N2Tj	. I 1	N2Tj	N2Tj	(T ₂ N	N2Tj	N2TJ	NzTj	N2Tj	N2Tj	N2Tj	N2Tj	N2Tj	
	Rock of	Basement			1		Mudstone	Sandstone	Diorite Porphyry	Sandstone	Diorite Porphyry	Wudstone	Sands tone	Sandstone	Sands tone	. Nudstone	Mudstone	Mudstone	Wudstone	Mudstone	Sandstone	Nudstone	*2 Grain size: sandy (S),
	1/50,000	Topo. Sheet	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Gunong Kuli	Cunong Kuli	Gunong Kuli	(R).											
	nates	<u></u> ец	1445.96	1445.65	1445.16	1445.49	1445.86	1445.79	1445.20	1445.34	1445.38	1445.82	1445.70	1445.48	1445.20	1445.93	1445.88	1445.62	1445.21	1445.35	1444.83	1444.72	r (F), rar
	Coordinates	N	G	4682.54	4682.74	4682.83	4683.35	4683.69	4682.94	4683.40	4683.76	4684.09	4684.53	4684.09	4684.51	4685.33	4685.89	4685.35	4685.19	4685.57	4679.27	4679.58	*1 Gravel: many (N), few (F), rare or none
Area Cunna Kuli	Samle	QN	Ū,	-+	_	GK164	GK165	_	\rightarrow				171 GK171	GK172								180 GK180	ravel: ma
brog .	Ser .	No	191	162	163	164	165	166	167	168	169	170	1.1	179	173	174	175	176	177	178	179	180	*1

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*4 Humidity: dry (D), wet (W).

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Зг		т-	r			₁		· · r	F	T	'ſ	· · · ·	ا		r	T	T		T				Ē
	Vegitation		Primary Forest	Primary Forest	*2 Grain size: sandy (S), clayey (C). *3 Topography: steep (S), medium (M), flat (F).																		
- -	Ħ	*	-	¥	¥			2=	J a r	Bec	-	-		¥	¥			ا	*	2	*	B#	eep (
	Ŀ.	* 3	ы	н	F	S	<u>۲۰</u>	S	Г.	F	£.	s	s	S	S	S	S	S	S	S	s	S	: ste
	ŝ	*2	c	ပ	J	Ċ	с U	ن	ပ	c	с С	ပ	S	с С	С	s	ပ	C	С	C	c	ပ	aphy
F	ۍ ت	Į*	R	2	R	R	~	2	Ч,	R	F	R	ß	¥	ч	£14	<u>(</u> تبر	Ĭ		R	н	R	pogr
	Color		Br.	Yl.Br.	Yl.Br.	Br.	Br.	Br.	Br.	Br.	Yl.Br.	Br.	Yl.Br.	Yl.Br.	Yl.Br.	Yl. Br.	Yl.Br.	Br.	Dk. Br.	Br.	Br.	Br.). *3 To
	Depth	(cn)	20	20	25	20	20	20	30	40	20	30	30	30	20	15	15	20	20	20	20	20	clayey (C
	Geol.	Unit	N2Tj	N2Tj	N²Tj	N2Tj	N₂Tj	N2Tj	NzTj	NzTj	NzTj	N _z Tj	N2Tj	iy (S), o									
	Rock of	Basement	Mudstone		Sandstone	Sands tone	Sands tone	Mudstone	1	Mudstone	Mudstone	Mudstone	Mudstone	Nudstone	. Mudstone	1		Mudstone	Mudstone	Nudstone	Nudstone	Sands tone	2 Grain size: san
	1/50,000	Topo. Sheet	Gunong Kuli	Gunong Kuli	(R).																		
	nates	ш	1444.90	1444.32	1444.26	1444.29	1444.68	1444.91	1444. 33	1444.44	1444.06	1444.80	1444.97	1444.56	1444. 13	1444.23	1444.38	1444.71	1444.21	1444. 15	1444.17	1444 44	r (F), rar
uli	Coordinates	N	4679.90	4679.20	4679.54	4679.86	4680.15	4680.64	4680.46	4680.81	4680.31	4681.23	4681.80	4681.56	4681.29	4681.85	4682.19	4682.55			4683.14	4683.40	*1 Gravel: many (M), few (F), rare or none
Area: Gunong Kuli	Sample	No.	GK181	GK182	-+	+-	-	GK186			_		GK191			_	GK195	GK196	197 GK197	GK198	199 GK199	200 CK200	ravel: ma
Area:	Ser.	Ň	Ĩ	189	183	184	185	186	187		189			199	193	194	195	961	197	198	661	200	*1

*4 Humidity: dry (D), wet (W).

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