

1979

Bengkayang

Month Date	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	12			15	30							
2	3			6	9							
3	2											
4	24	13		6		39						
5	9	50	22	25								
6	4		13		45	37						
7	9			3		30						
8	2					5						
9		7		1								
10		7		6	5	8						
11				7	13							
12		28		3								
13				140		5						
14		41										
15		9				5						
16						51						
17		6										
18		48				24						
19		30				24						
20				2								
21	38			4								
22	15	13	49	40		14						
23			6	40								
24			3	67	3							
25	6	2	3	14								
26				13		17						
27	5		12	26								
28	6		28		33							
29	9		3		2							
30	9			22	25							
31	17											
Total	170	254	139	440	165	259						

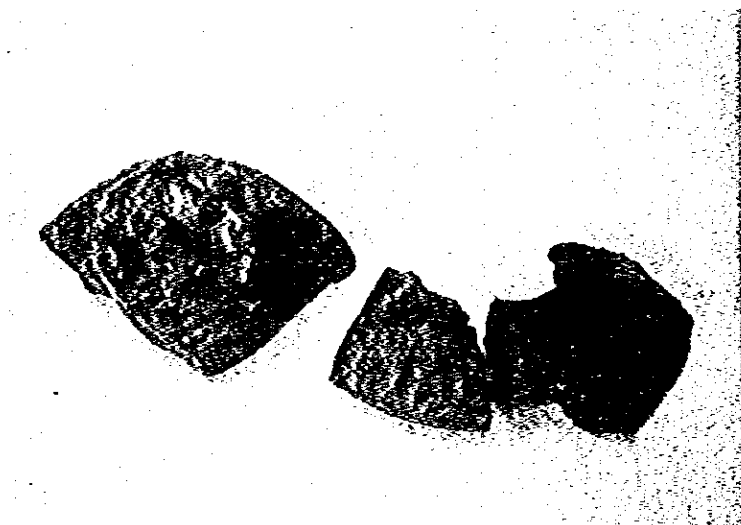
Appendix 2 List of Rock, Ore and Fossil Tested

Sample No.	Thin Section	Polished Section	Chemical Analysis	X-Ray Analysis	K-Ar Dating	Rock Chemical Analysis	Fossil Identification
RA - 4	o						
RA - 9	o						
RA - 21	o						
RA - 33	o						
RA - 42	o						
RA - 49	o						
RA - 63	o						
RA - 67	o						
RB - 1	o						
RB - 4	o						
RB - 7	o						
RB - 8	o						
RB - 10	o						
RB - 15	o						
RB - 16	o						
RB - 17	o						
RB - 18	o						
RB - 19	o						
RB - 23	o						
RB - 24	o				o	o	
RB - 26	o						
RB - 27			o				
RB - 28			o				
RB - 33	o	o					
RB - 39			o	o			
RB - 42	o						
RB - 44			o				
RB - 48		o					
RB - 52	o						
RB - 54			o				
RB - 60	o						
RB - 61	o						

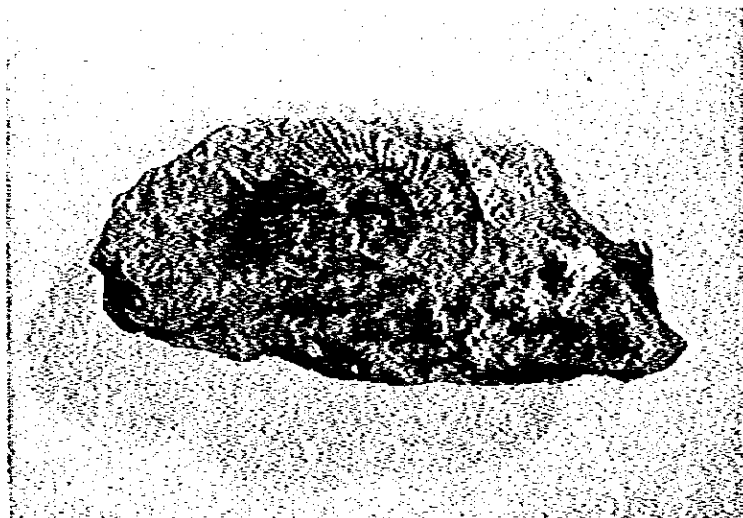
Sample No.	Thin Section	Polished Section	Chemical Analysis	X-Ray Analysis	K-Ar Dating	Rock Chemical Analysis	Fossil Identification
RB - 62	o						
RB - 68			o				
RB - 70	o						
RB - 72	o					o	
RC - 27	o						
RD - 7							o
RD - 10	o						o
RD - 11	o						
RD - 12	o						
RD - 14	o						
RD - 18	o						
RD - 23	o						
RD - 28	o					o	
RD - 29	o						
RD - 35	o						
RD - 37	o						
RD - 48	o						
RD - 52	o				o	o	
RD - 53			o				
RD - 54			o				
RD - 55			o				
RD - 56			o				
RD - 57			o				
RD - 58			o				
RD - 59			o				
RE - 2	o						
RE - 30	o					o	
RE - 40	o						
RE - 50	o				o	o	
RE - 71		o					
RE - 80	o						
RE -100	o						

Sample No.	Thin Section	Polished Section	Chemical Analysis	X-Ray Analysis	K-Ar Dating	Rock Chemical Analysis	Possible Identification
RF - 8	o						
RF - 10	o						
RF - 11	o						
RF - 15	o						
RF - 20	o					o	
RF - 25	o						
RF - 30	o						
RF - 32	o					o	
RF - 35	o						
RF - 37	o						
RF - 43	o						
RF - 45	o						
RF - 48	o						
RF - 51	o						
RF - 54	o						
RF - 55	o						
RF - 58	o						
RF - 64	o						
RK - 29		o					
RI - 2							o
RI - 54							o
RI - 61	o		o				
RI - 62		o					
Rm - 1	o						
Rm - 12	o						
Rm - 19	o						
Rm - 23	o						
Rm - 25	o	o					
Rm - 63	o						
Rn - 4	o	o					
Rn - 23	o						
Rn - 32	o					o	

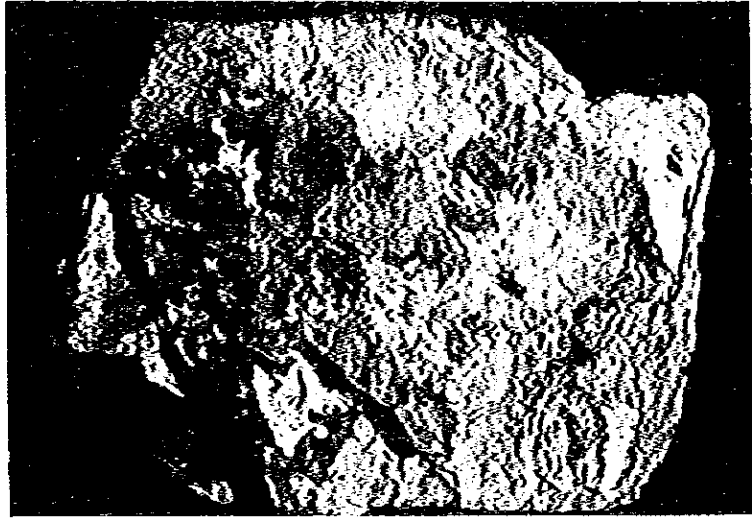
Sample No.	Thin Section	Polished Section	Chemical Analysis	X-Ray Analysis	K-Ar Dating	Rock Chemical Analysis	Fossile Identification
Rn - 38	o						
Rn - 41	o						
Rn - 58	o						
Rn - 61	o						
Rn - 66	o						
Ro - 5		o					
Ro - 21	o						
Ro - 43	o						
Rp - 19	o				o	o	
Rp - 25	o						
Rp - 32	o						
Rp - 41	o						
Rp - 42	o						
Rp - 48	o						
Rp - 53	o						
Rp - 59	o						
Rp - 69	o						
Rg - 59	o					o	
Batu Aji		o	o				
Senture Lower			o				
Senture Upper			o				
Serantac (A)		o					
Serantac (B)		o					
Total	93	11	17	1	4	11	4



Sample No.: R1-54
Location : Bengkayang
Harpoceras (Harpoceras) sp
Jurassic Lias. Toarcian



Sample No.: R1-2
Location : S. Jebane
Dactylioceras (Orthodactylites) sp
Jurassic Lias. Toarcian



0 1 2 3 4 5cm

Sample No : RD-7 (A)

Location : S. Jebane

Doctylioceras (Orthodactylites) sp

Jurassic Lias. Toarcian



0 1 2 3cm

Sample No : RD-7 (B)

Location : S. Jebane

Dactylioceras (Orthodactylites) sp

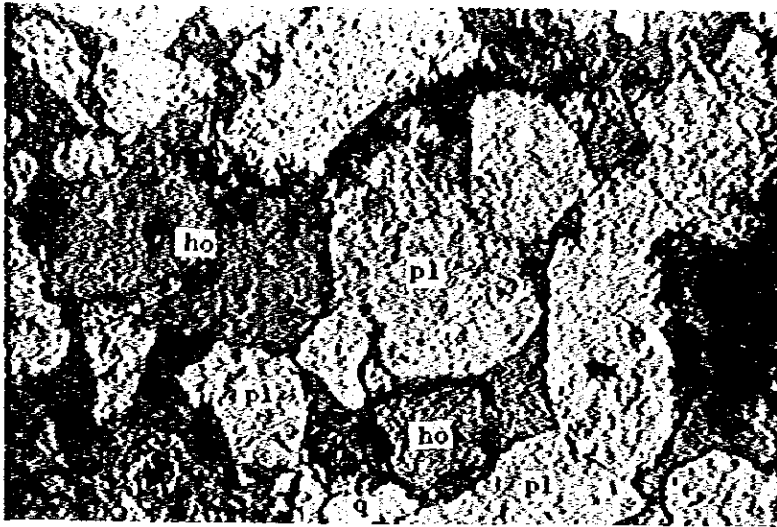
Jurassic Lias. Toarcian

Appendix 4(1) Microscopic Observation of Thin Section

Sedimentary rock		Texture	grain / Fragment										matrix								Secondary Mineral								Remarks				
Sample No	Rock name		Q	K-f	Pl	Bl	Hb	Au	Hy	Ol	Op	Lith	Q	Si	K-f	Pl	Bl	Hb	Cpx	Opx	Ol	Op	Q	Si	Cc	Ser	Chl	Koo		Bl	Act	Epi	Op
Bengkayang Group Banau Formation																																	
RB - 1	lfss	ss	○	⊙		○					dac and	○		⊙																			
" - 4	"	"	○	○								○		○																			
" - 7	"	"	○	○								○		○																			
" - 8	fss	"	⊙	○		○						⊙																					
" - 15	dac lfss	"	⊙	○		○					dac																				Hf		
" - 16	flfss	"	⊙	○								○																					
" - 19	lfss	"	⊙	○							dac	○																					
" - 70	dac lf	"	⊙	○								○		○		○																	
Kalung Formation																																	
RB - 62	blsh	ss	⊙	⊙																													
Riampelaya Formation																																	
RB - 61	ss	ss	○	⊙							and dac and dac	○																					
RA - 67	"	"	⊙	○								○																					

Abbreviation		Mineral	
Rock		Q : quartz	Si : silico
lfss	: lufaceous sandstone	K-f : kali feldspar	Cpx : clinopyroxene
fss	: fine sandstone	Pl : plagioclase	Opx : ortho pyroxene
flfss	: fine lufaceous sandstone	Bl : biotite	Cc : calcite
blsh	: balck shale	Hb : hornblende	Ser : sericite
and	: andesite	Au : augite	Chl : chlorite
dac	: dacite	Hy : hypersthene	Koo : kooline
		Ol : olivine	Act : actinolite
	Textura	Op : opaque mineral	Fpi : epidote
ss	: sodstone	Lith : lithic fragment	
			Hf : hornfels

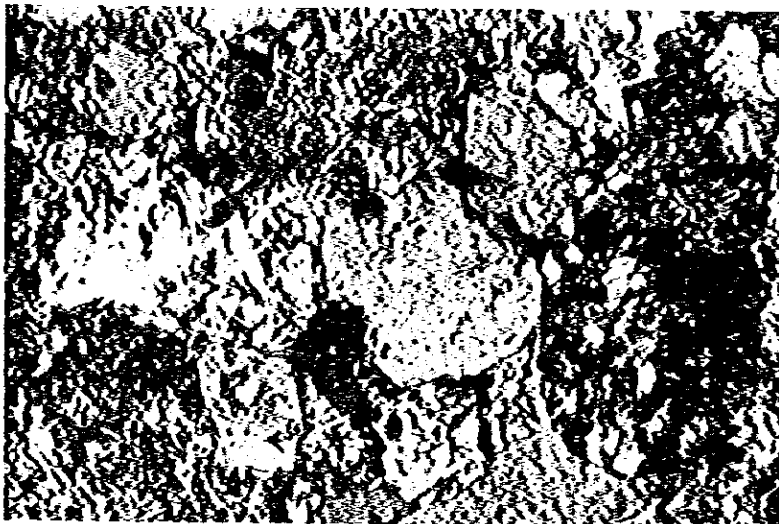
Appendix 5 Microphotographs of Thin Section



Sample No.: RB-1
Locality : S. Ledo
Rock name : Tufaceous
Sand stone (actf)

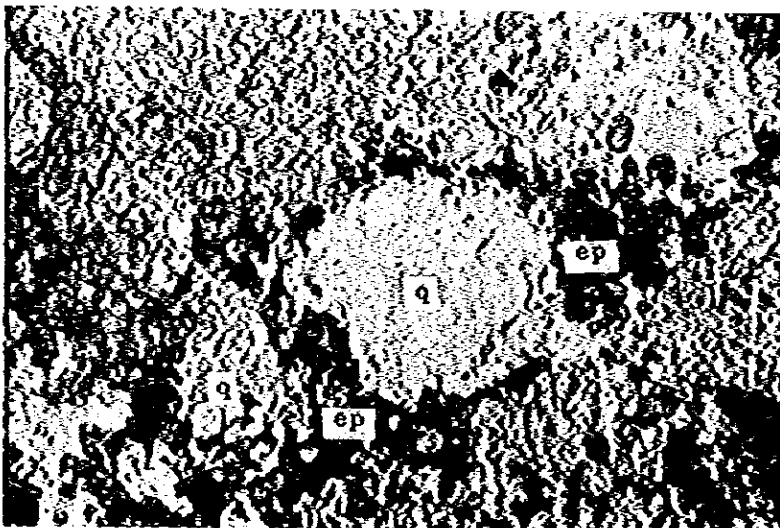
qt: quartz
pl: plagioclase
ho: hornblende

Open nicol



Sample No.: RB-1
Locality : S. Ledo
Rock name : Tufaceous
Sand stone (actf)

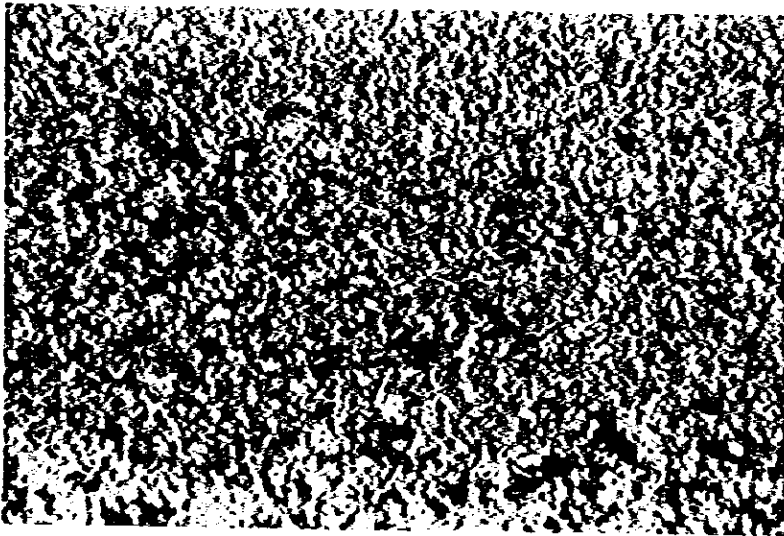
Crossed nicols



Sample No.: RB-19
Locality : S. Ledo
Rock name : Fine tufaceous
Sand stone (actf)

Open nicol



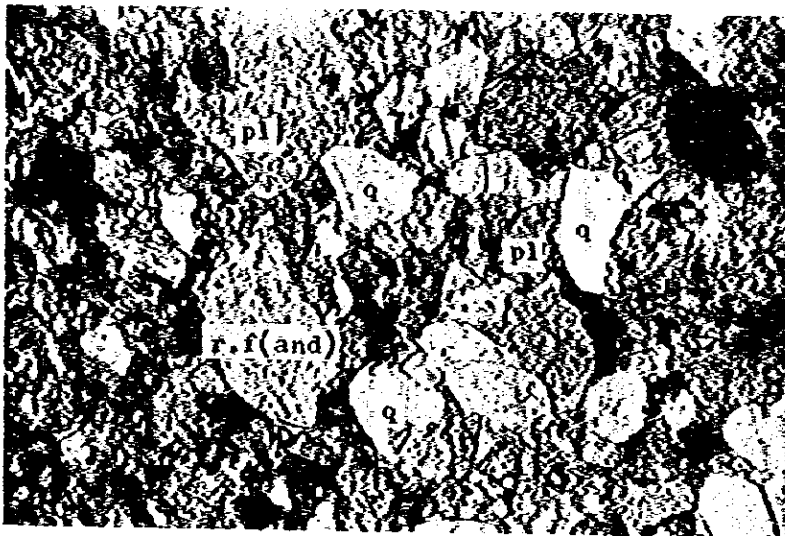


Sample No.: RB-62
 Locality : S. Raya
 Rock name : Black shale (ms)

9 + Clay + Fe etc

Fe: iron mineral

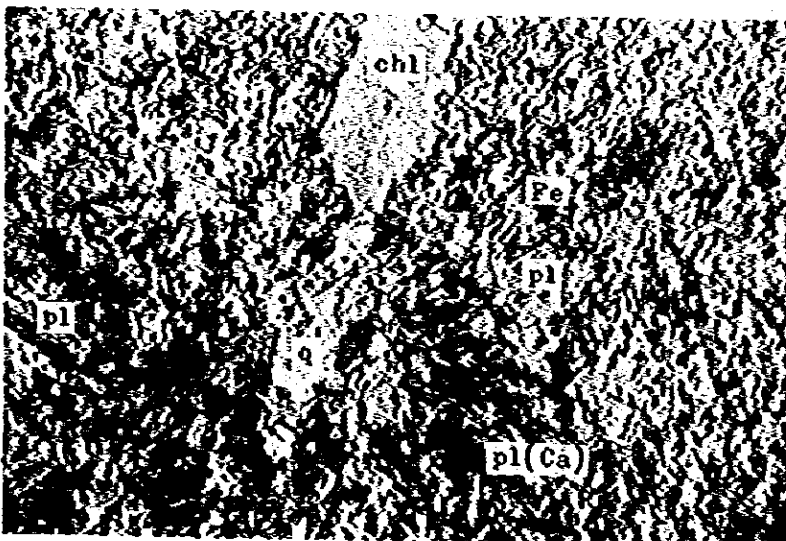
Open nicol



Sample No.: RB-60
 Locality : S. Raya
 Rock name : Sand stone (ss)

q: quartz
 pl: plagioclase
 r.f: rock fragmento
 and: andesite

Open nicol

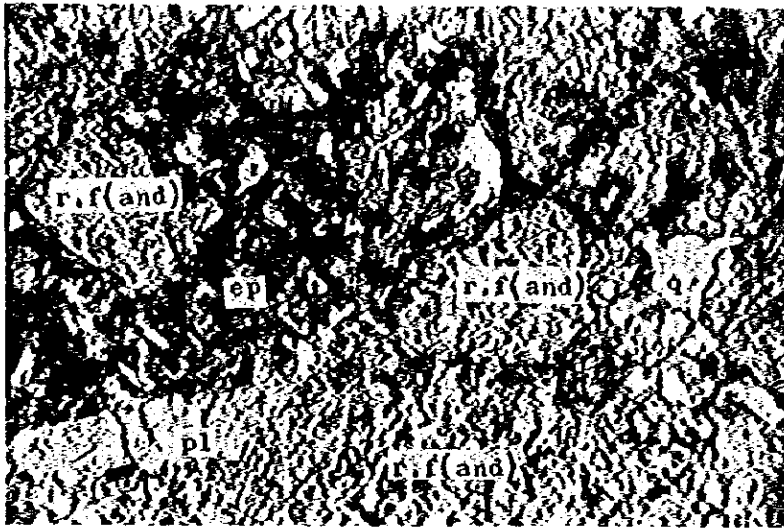


Sample No.: RD-11
 Locality : S. Moroi
 Rock name : Andesite (and₁)

q: quartz
 pl: plagioclase
 chl: chlorite
 Fe: iron mineral
 ca: calcite

Open nicol

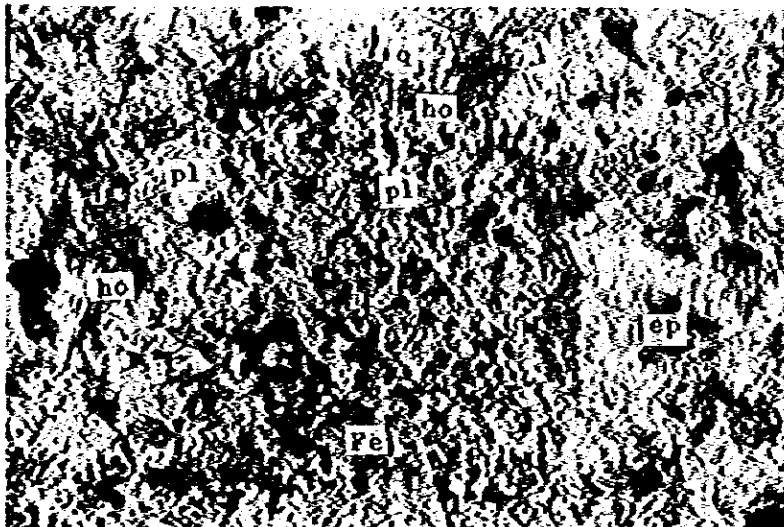




Sample No.: RD-23
 Locality : S. Sebalau
 Rock name : Andesite (and) tuff

q: quartz
 pl: plagioclase
 ep: epidote
 r.f: rock fragment
 and: andesite

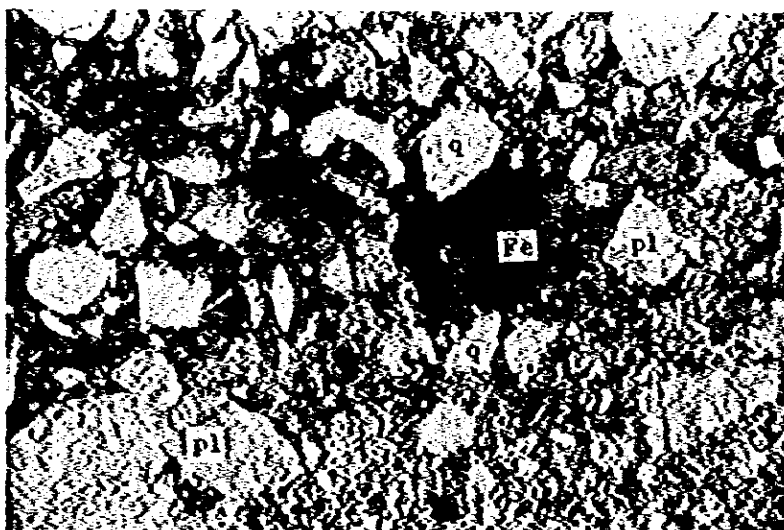
Open nicol



Sample No.: RF-15
 Locality : S. Tahuban
 Rock name : Andesite tuff (and)

q: quartz
 pl: plagioclase
 ho: hornblende
 ep: epidote
 Fe: iron mineral

Open nicol

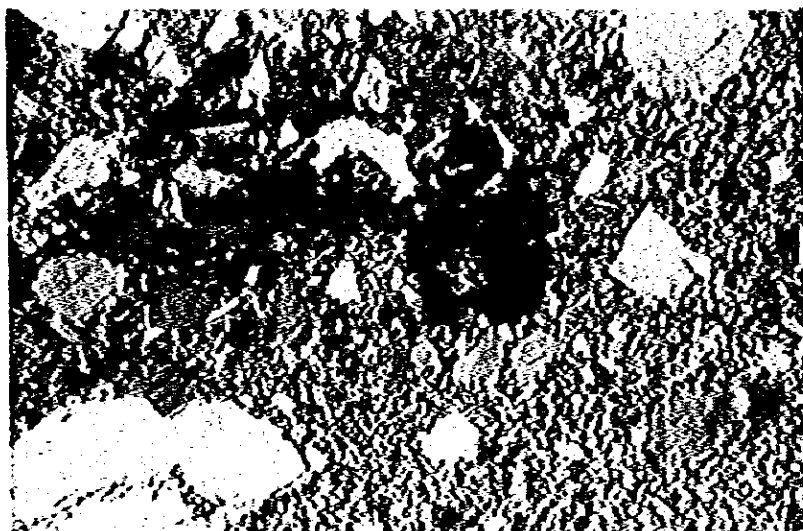


Sample No.: RF-8
 Locality : S. Kersik
 Rock name : Dacitic crystal tuff (da)

q: quartz
 pl: plagioclase
 Fe: iron mineral

Open nicol

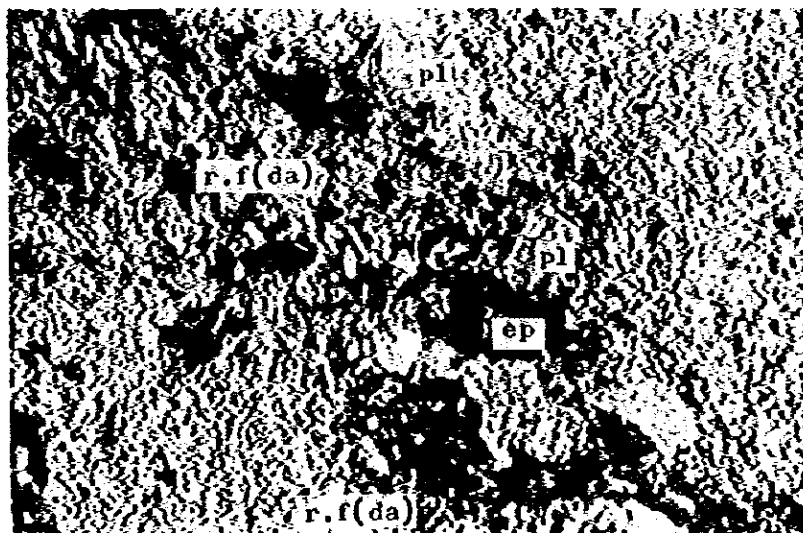




Sample No.: RF-8
 Locality : S. Kersik
 Rock name : Dacitic crystal
 tuff (da)

Crossed nicols

0 0.7mm

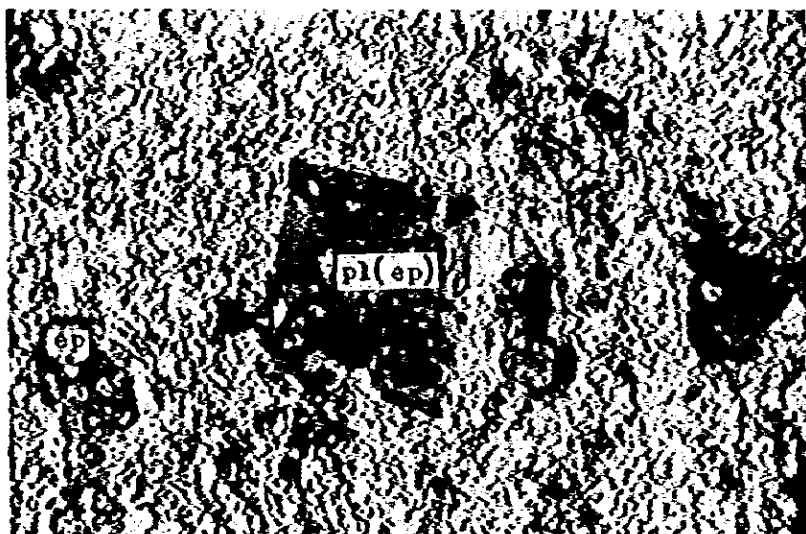


Sample No.: RF-37
 Locality : S. Sali
 Rock name : Andesite
 lapilli tuff
 (andtf)

pl: plagioclase
 ep: epidote
 nf: rock fragment
 da: dacite

Open nicol

0 0.7mm

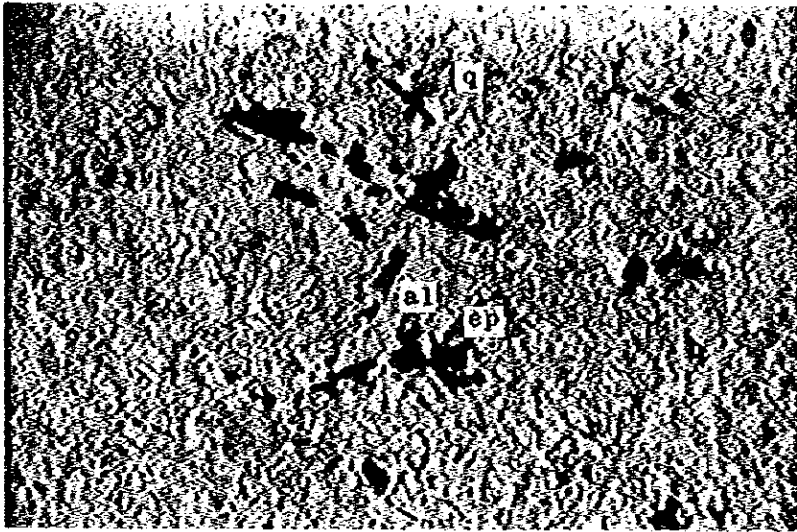


Sample No.: RF-64
 Locality : S. Setona
 Rock name : Dacite (datf)

pl: plagioclase
 ep: epidote

Open nicol

0 0.7mm

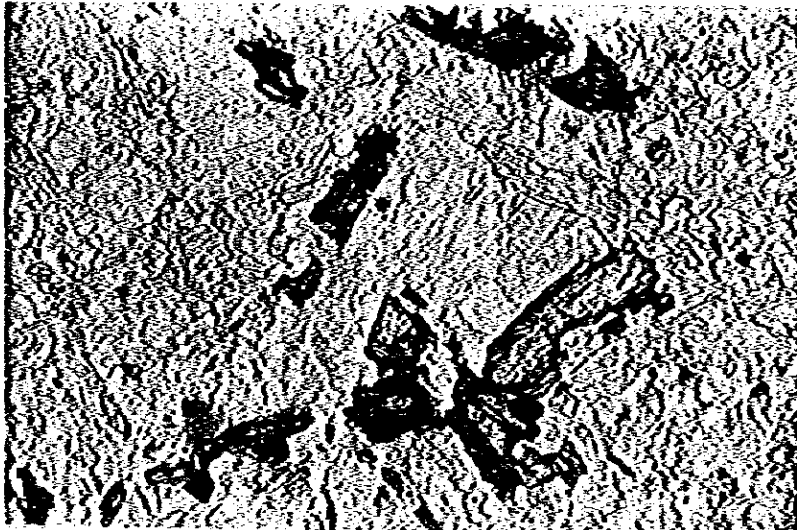


Sample No. : Rp-59
Locality : S. Pemulut
Rock name : Altered
dacite (datf)

q: quartz
ep: epidote
al: albite

Open nicol

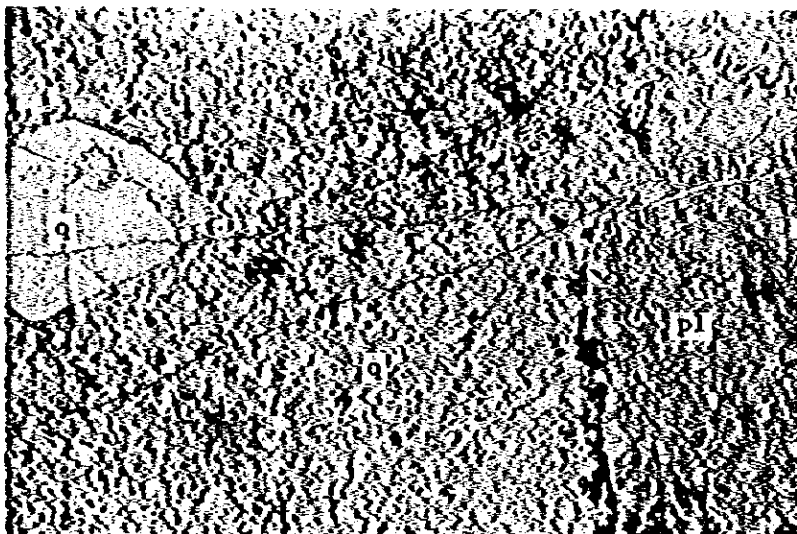
0 0.7mm



Sample No. : Rp-59
Locality : S. Pemulut
Rock name : Altered dacite
(datf)

Open nicol

0 0.3mm

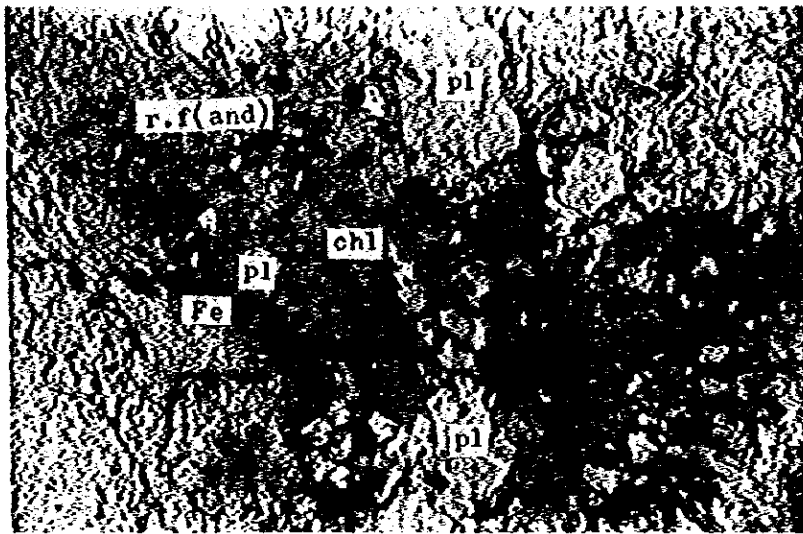


Sample No. : RF-43
Locality : Karaban
Rock name : Plagio-rhyolite
(datf)

q: quartz
pl: plagioclase

Open nicol

0 0.7mm



Sample No.: RA-33
 Locality : S. Semoa Tapang
 Rock name : Tuff breccia
 (tbr)

pl: plagioclase
 chl: chlorite
 Fe: iron mineral
 r.f: rock fragment
 and: andesite

Open nicol

0 0.7mm

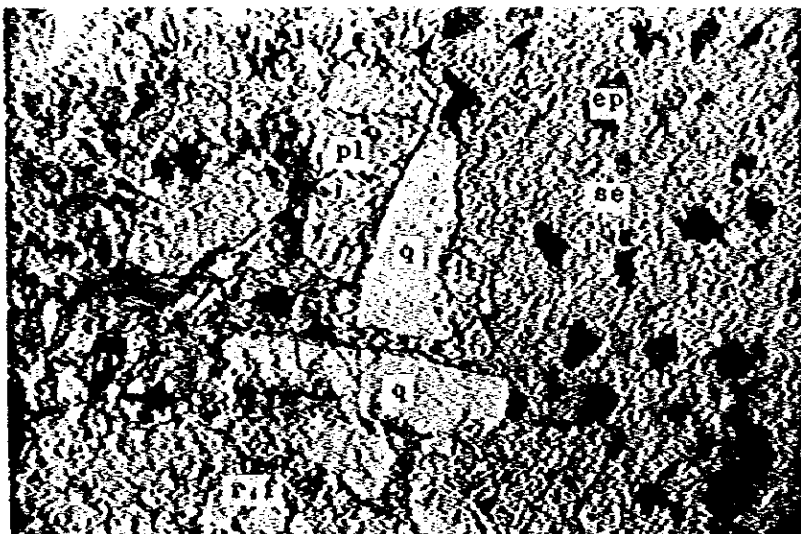


Sample No.: RA-33
 Locality : S. Semoa Tapang
 Rock name : Tuff breccia
 (tbr)

chl: chlorite
 r.f: rock fragment

Crossed nicols

0 0.7mm

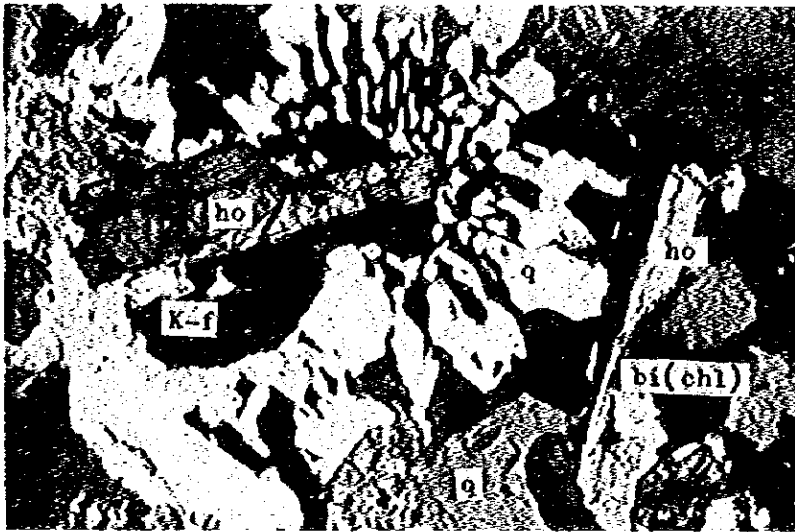


Sample No.: RB-52
 Locality : S. Lumar
 Rock name : Lapilli tuff (tf)

q: quartz
 pl: plagioclase
 ep: epidote
 se: sericite
 r.f: rock fragment

Open nicol

0 0.7mm

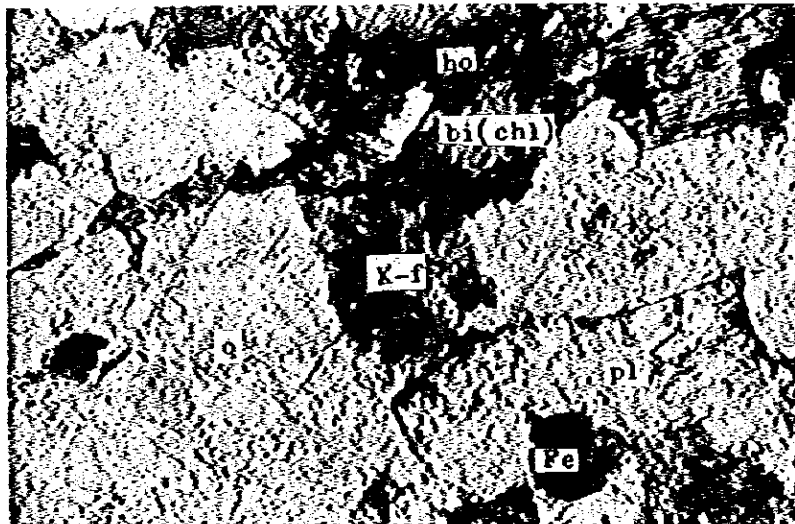


Sample No.: RP-20
 Locality : S. Sembuang
 Rock name : Granodiorite
 (gd)

q: quartz
 ho: hornblende
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite

Crossed nicol

0 0.7mm



Sample No.: Rp-19
 Locality : S. Bala
 Rock name : Granodiorite
 (gd)

q: quartz
 pl: plagioclase
 ho: hornblende
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite
 Fe: iron mineral

Open nicol

0 0.7mm

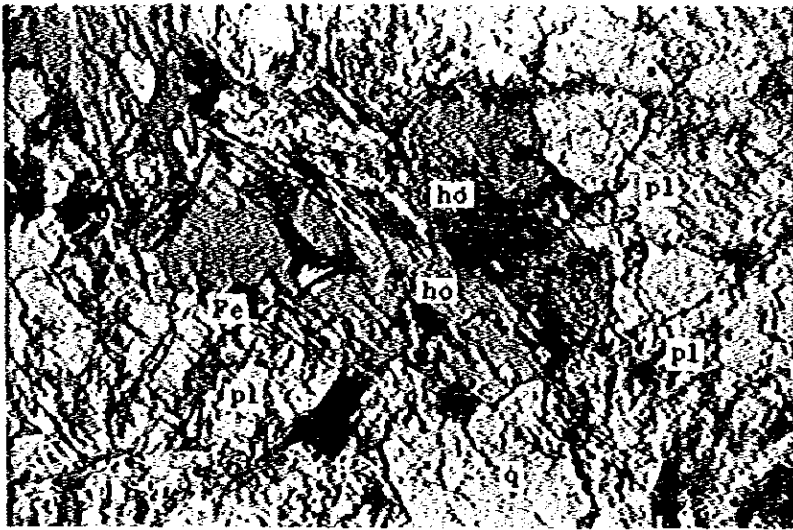


Sample No.: Rp-19
 Locality : S. Bala
 Rock name : Granodiorite
 (gd)

q: quartz
 pl: plagioclase
 ho: hornblende
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite
 Fe: iron mineral

Open nicol

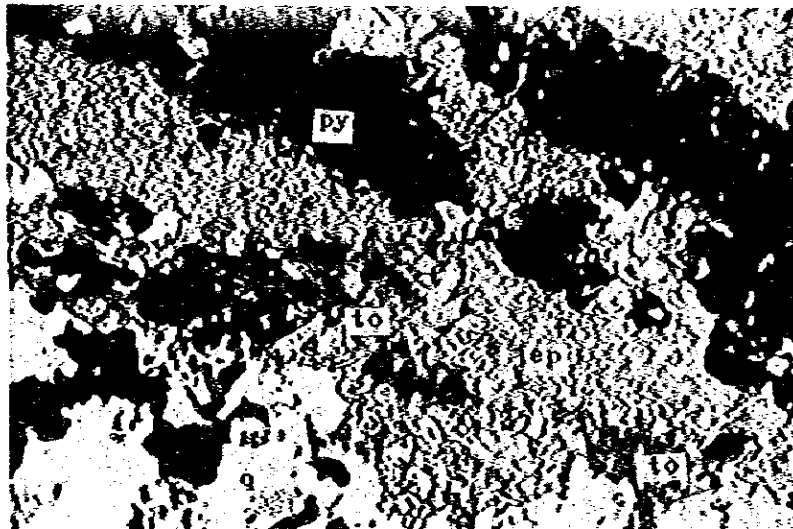
0 0.7mm



Sample No.: RE-50
 Locality : S. Pehem
 Rock name : Quartz diorite
 (qd)

q: quartz
 pl: plagioclase
 ho: hornblende
 Fe: iron mineral

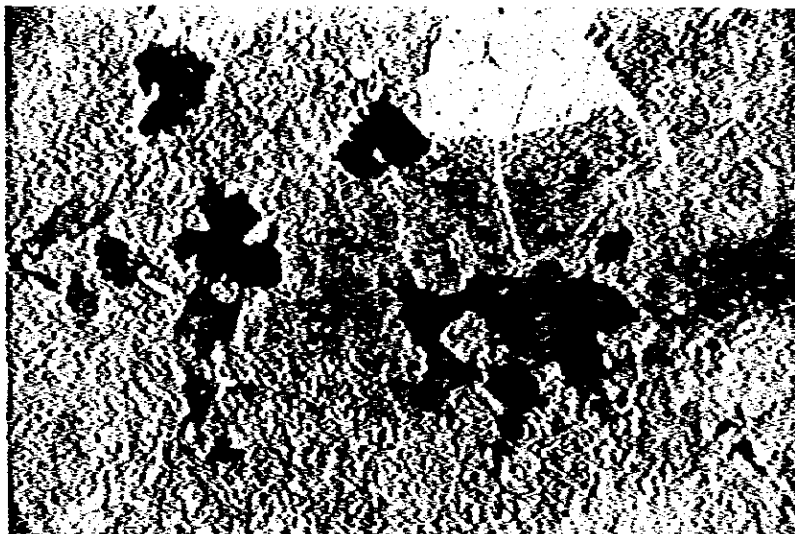
Open nicol



Sample No.: Rn-19
 Locality : S. Mempawah
 Rock name : Quartz diorite
 (qd)

q: quartz
 ep: epidote
 to: tourmaline
 py: pyrite

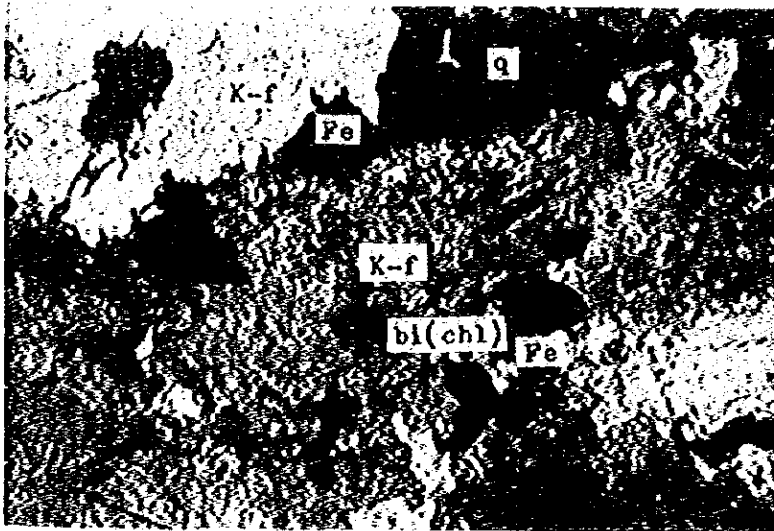
Open nicol



Sample No.: Rn-38
 Locality : S. Serade
 Rock name : Granite (grt)

Open nicol

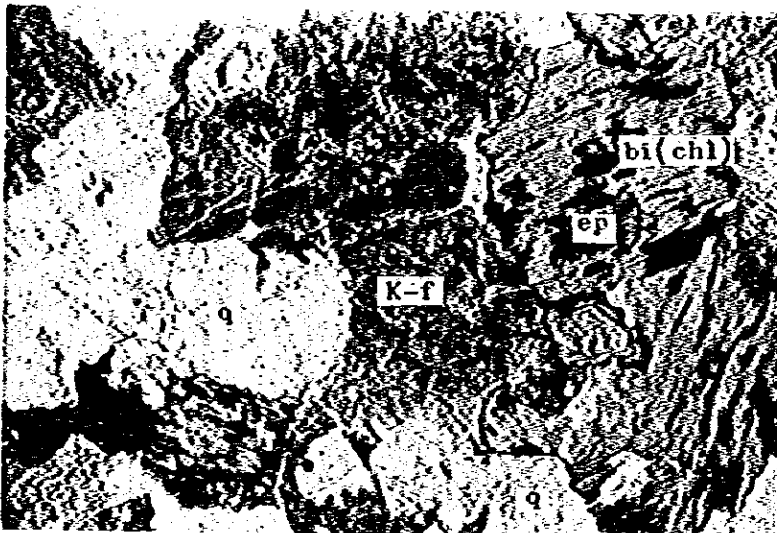




Sample No.: Rn-38
 Locality : S. Semade
 Rock name : Granit (gr1)

q: quartz
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite
 Fe: iron mineral

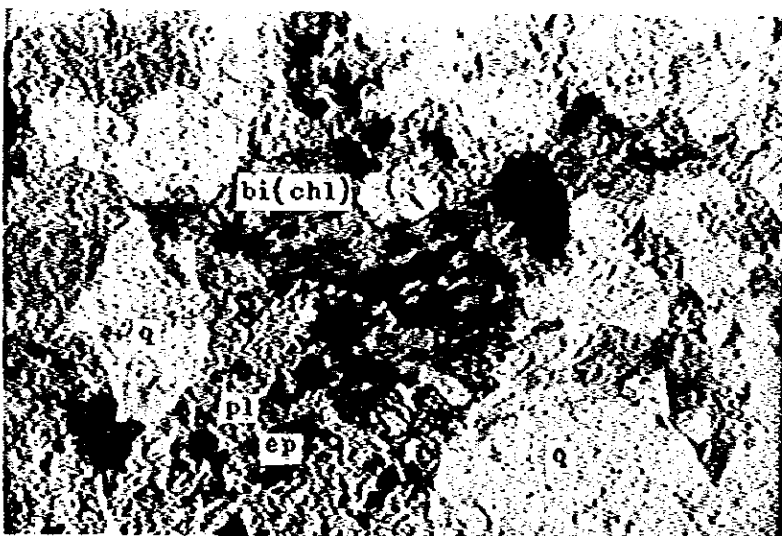
Crossed nicols



Sample No.: RF-32
 Locality : S. Sembuang
 Rock name : Granit (gr1)

q: quartz
 ep: epidote
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite

Open nicol

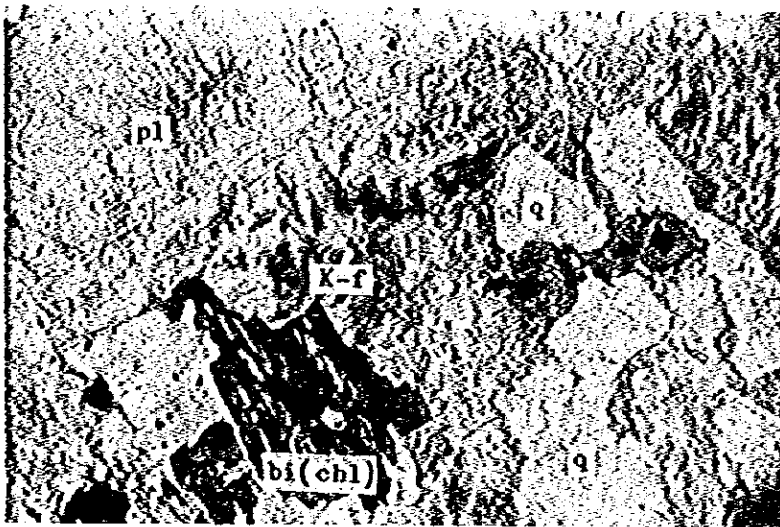


Sample No.: RE-30
 Locality : S. Sakung
 Rock name : Granit (gr2)

q: quartz
 pl: plagioclase
 ep: epidote
 bi: biotite
 chl: chlorite

Open nicol





Sample No.: RE-80

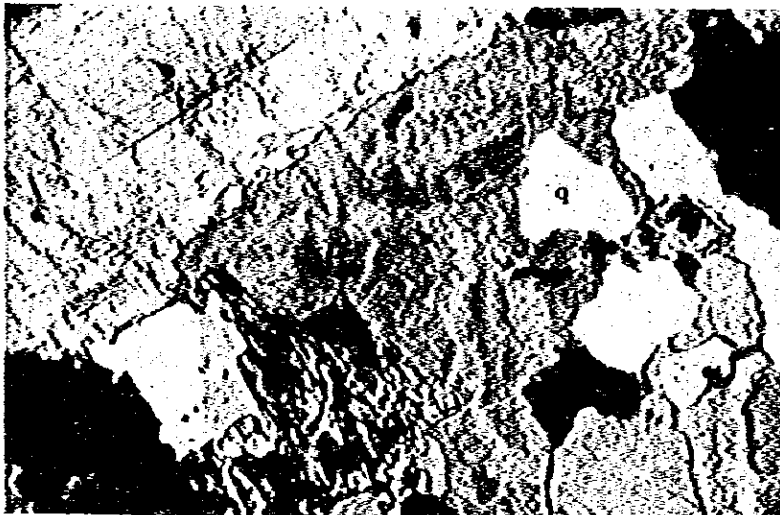
Locality : S. Setona

Rock name : Granit (gr 2)

q: quartz
 pl: plagioclase
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite

Open nicol

0 0.7mm



Sample No.: RE-80

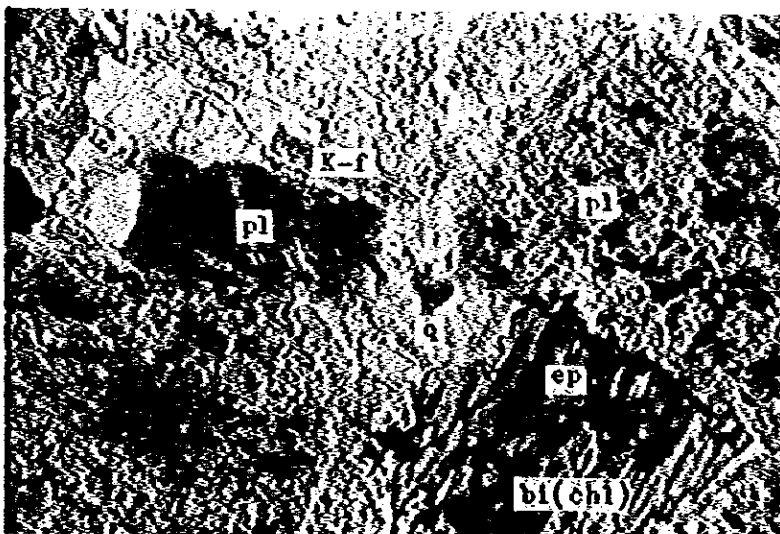
Locality : S. Setona

Rock name : Granit (gr 2)

q: quartz

Crossed nicols

0 0.7mm



Sample No.: Rn-32

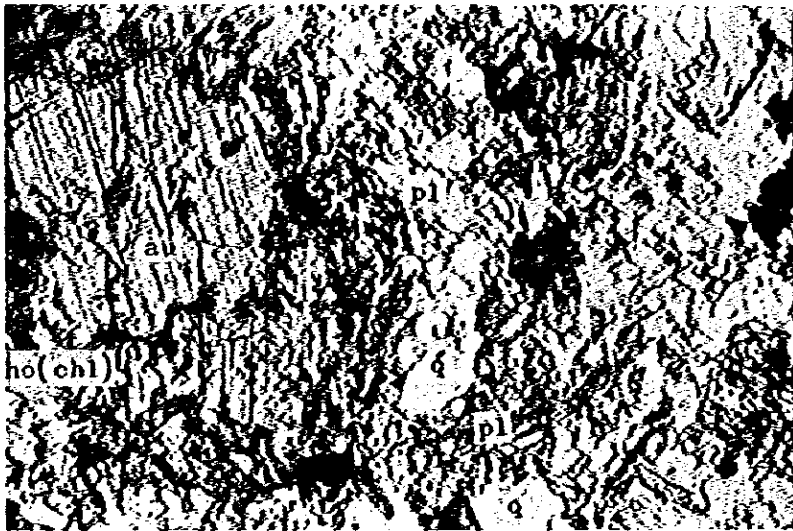
Locality : S. Semade

Rock name : Granite (gr 2)

q: quartz
 pl: plagioclase
 ep: epidote
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite

Open nicol

0 0.7mm

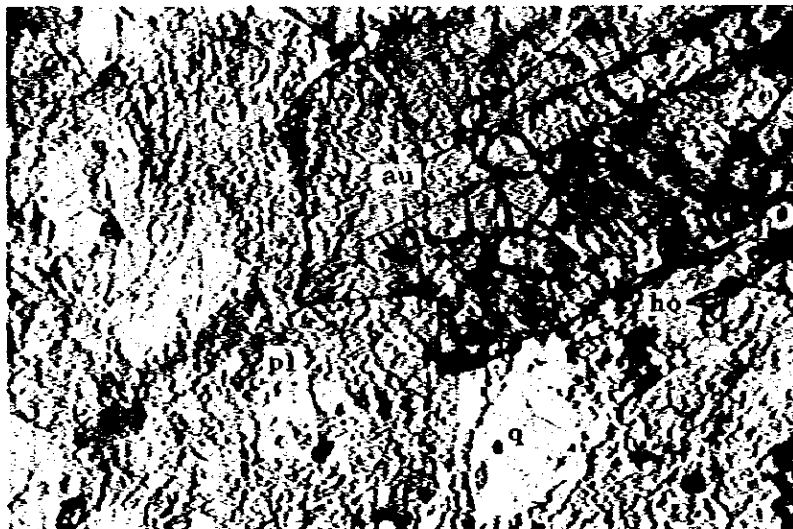


Sample No.: RD-18
 Locality : G. Kelan
 Rock name : Porphyritic
 quartz gabbro
 (qgb)

q: quartz
 pl: plagioclase
 ho: hornblende
 chl: chlorite
 au: augite

Open nicol

0 0.7mm

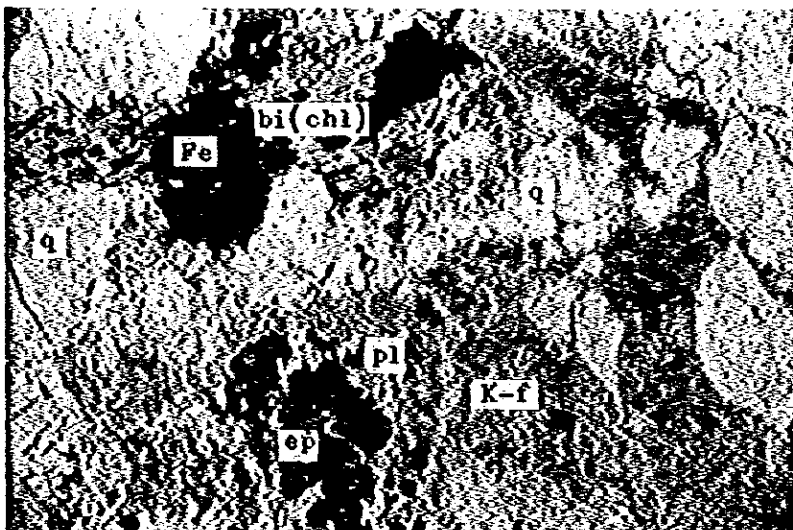


Sample No.: RD-28
 Locality : G. Pandan
 Rock name : Quartz gabbro
 (qgb)

q: quartz
 pl: plagioclase
 ho: hornblende
 au: augite

Open nicol

0 0.7mm

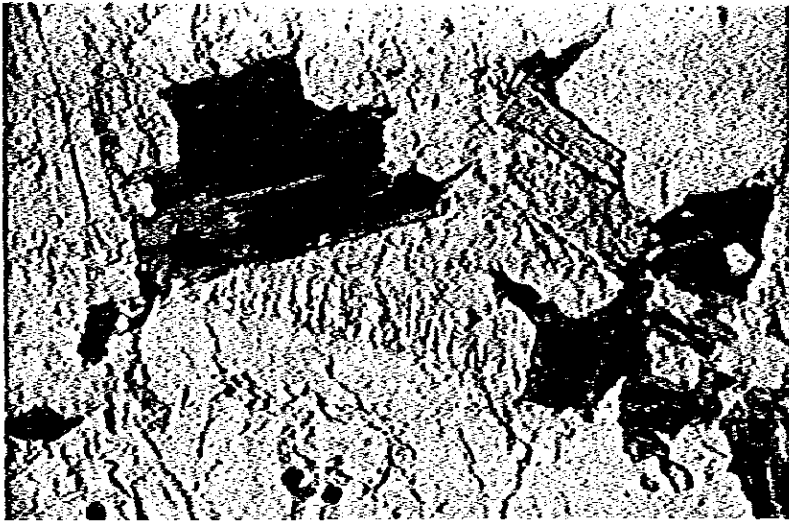


Sample No.: RD-52
 Locality : S. Bani
 Rock name : Hornblende-
 biotite tonalite
 (tn 1)

q: quartz
 pl: plagioclase
 ep: epidote
 k-f: potassium feldspar
 bi: biotite
 chl: chlorite
 Fe: iron mineral

Open nicol

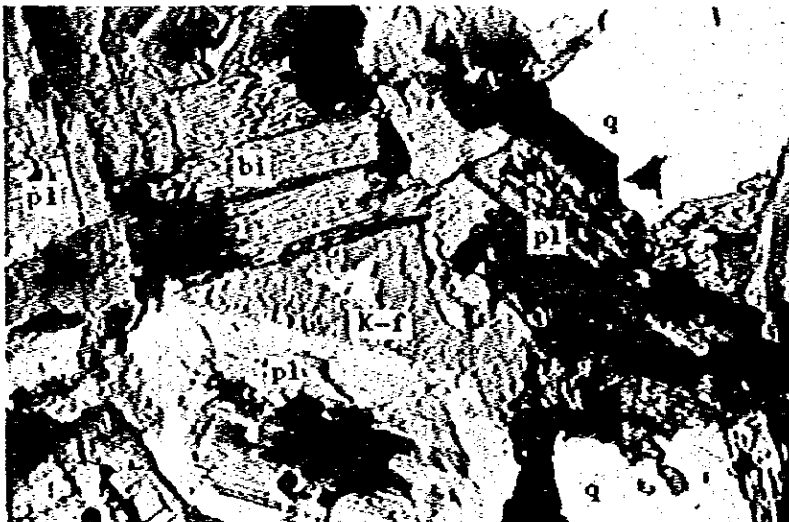
0 0.7mm



Sample No.: RB-24
 Locality : S. Bamua
 Rock name : Hornblende-
 biotite tonalite
 (tn2)

Open nicol

0 0.7mm



Sample No.: RB-24
 Locality : S. Bamua
 Rock name : Hornblend-biotite
 tonalite (tn2)

q: quartz
 pl: plagioclase
 k-f: potassium feldspar
 bi: biotite

Crossed nicols

0 0.7mm

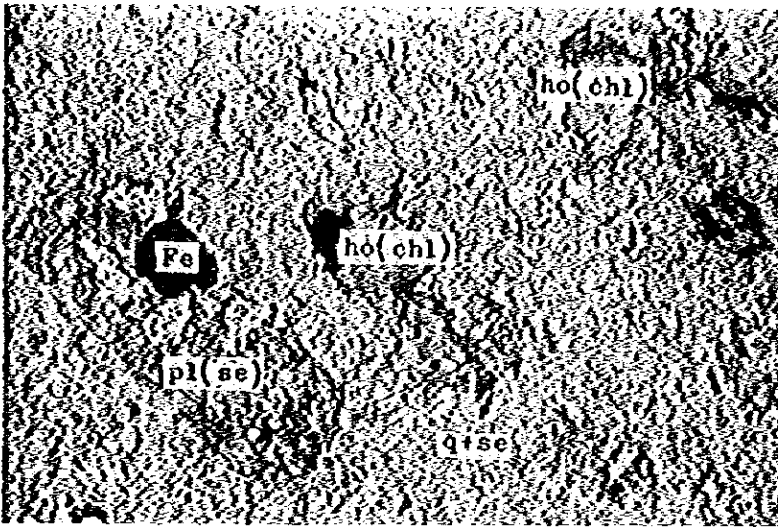


Sample No.: RB-10
 Locality : S. Bamua
 Rock name : Quartz porphyry
 (qp)

q: quartz
 pl: plagioclase
 bi: biotite

Open nicol

0 0.7mm

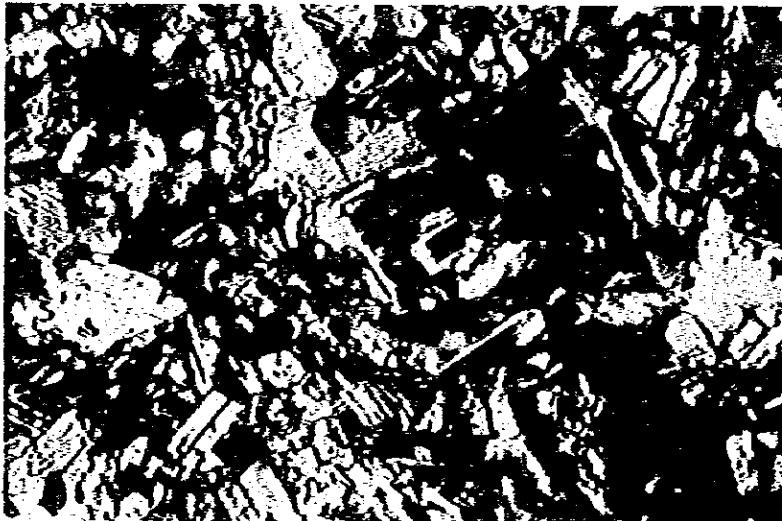


Sample No.: RB-23
 Locality : S. Ledo
 Rock name : Altered dacite
 (altn)

q: quartz
 pl: plagioclase
 ho: hornblende
 chl: chlorite
 se: sericite
 Fe: iron mineral

Open nicol

0 0.7mm

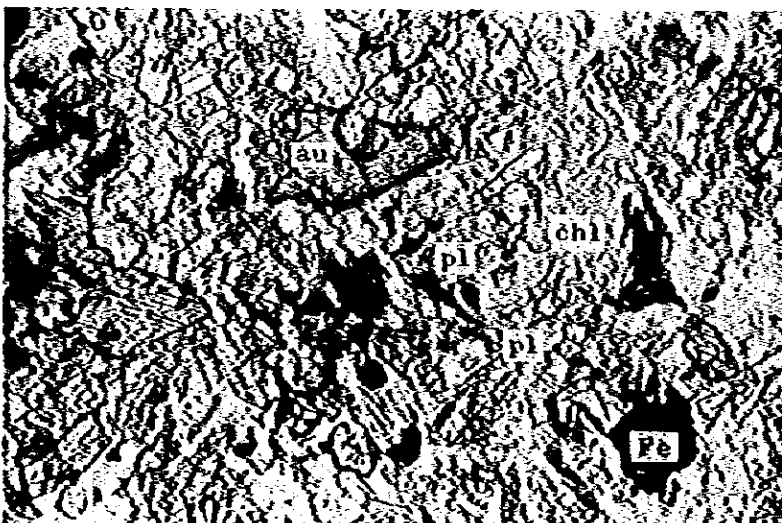


Sample No.: RC-27
 Locality : S. Cebol
 Rock name : Dolerite (dole)

pl: plagioclase
 chl: chlorite
 au: augite
 Fe: iron mineral

Open nicol

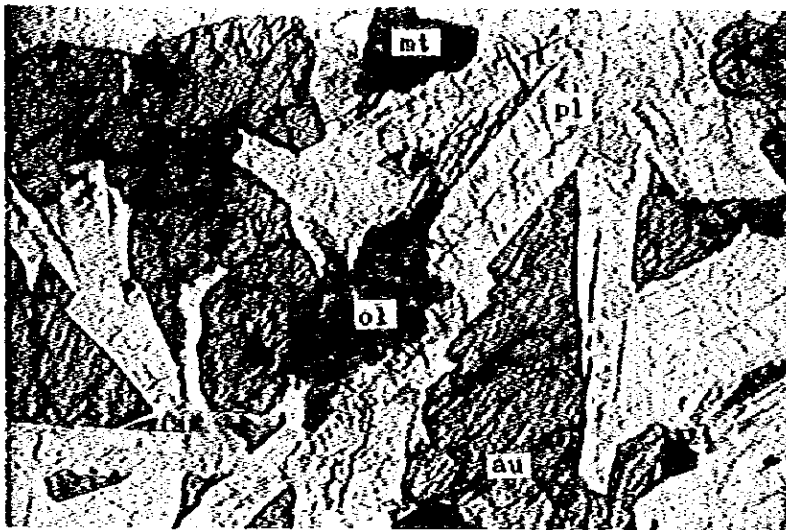
0 0.7mm



Sample No.: RC-27
 Locality : S. Cebol
 Rock name : Dolerite (dole)

Crossed nicols

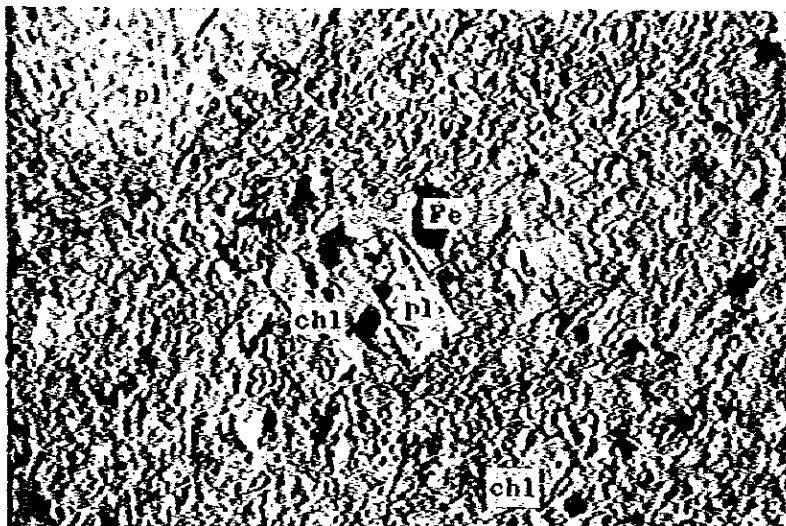
0 0.7mm



Sample No.: Rp-25
 Locality : S. Aja
 Rock name : Dolerite (dole)

pl: plagioclase
 au: augite
 ol: olivine
 mt: magnetite

Open nicol



Sample No.: RB-26
 Locality : S. Bamua
 Rock name : Altered andesite
 (and 2)

pl: plagioclase
 chl: chlorite
 Fe: iron mineral

Open nicol



Sample No.: RB-72
 Locality : G. Serantak
 Rock name : Dacite (dap)

q: quartz
 pl: plagioclase
 ep: epidote

Crossed nicol





Sample No.: Rq-59

Locality : S. Setona

Rock name : Dacite (dap)

q: quartz
pl: plagioclase
ep: epidote
ho: hornblende
chl: chlorite
Fe: iron mineral

Open nicol

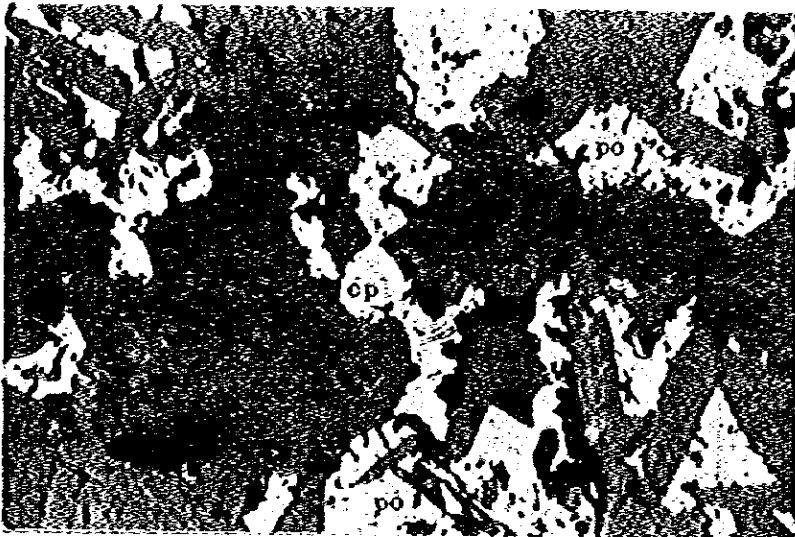
0 0.7mm

Appendix 6 Microscopic Observation of Polished Section

Area	Sample No	Location	Occurrence	Cp	Cc	Cov	Sph	Mol	Py	Pyh	Gor	Remarks
Sirih Tonalite	RB - 33	S. Sirih	Vein	○			△					Mol by megascopic observation
	RB - 48	S. Ledo	Dissemination	○			○					
Banyu Tonalite	Batu Aji	S. Bani	Network								⊙	Au 10 g/t
	RK - 29	S. Bani	Vein	⊙	△							green Cu stain
	RI - 62	S. Bani	Veinlet					○				
Southern	RE - 71	S. Loo	Vein	△					○			
	Rm - 25	S. Mempawah	Dissemination	○	△							
Granitoid rocks	Rn - 4	S. Mempawah	Dissemination						○			
	Ro - 5	S. Bumbang	Dissemination	⊙								
Serantak Dacite	Serantak (A)	G. Serantak	Massive	△						⊙		Au 0.2 g/t
	Serantak (B)	S. Serantak	Massive	△						⊙		

Cp : Chalcopyrite Sph : Sphalerite Pym : Pyrrhotite
 Cc : Chalcocite Mol : Molybdenite Gor : Goethite
 Cov : Covellite Py : Pyrite

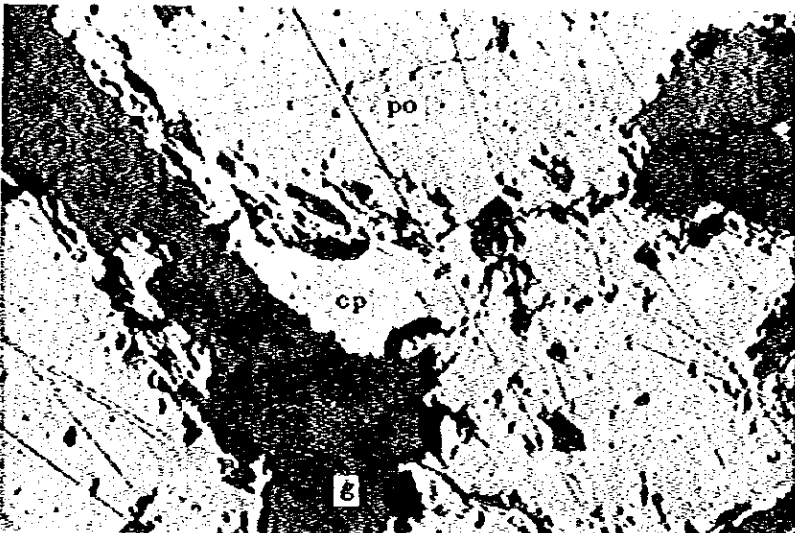
Appendix 7 Microphotographs of Polished Section



Sample No.: Serantak (A)
Locality : G. Serantak
Name of Ore : Chalcopyrite
bearing
pyrrhotite

cp: chalcopyrite
po: pyrrhotite

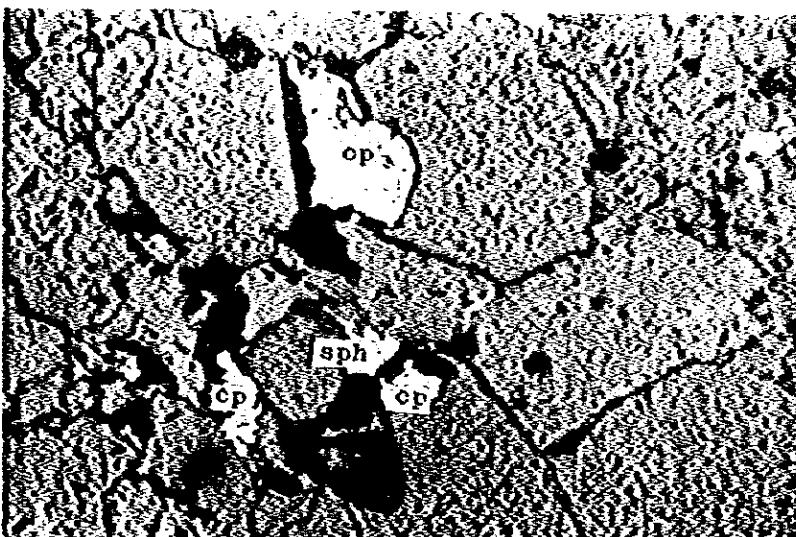
0 0.3mm



Sample No.: Serantak (B)
Locality : Chalcopyrite
Name of Ore : Chalcopyrite
bearing
pyrrhotite

cp: chalcopyrite
po: pyrrhotite
g: gangue

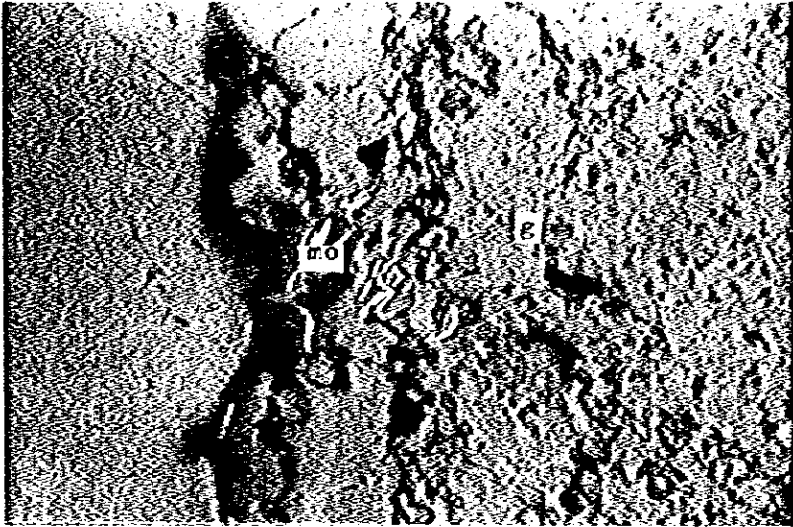
0 0.3mm



Sample No.: RB-33
Locality : G. Takap
Name of Ore : RB-33

cp: chalcopyrite
sph: sphalerite
g: gangue

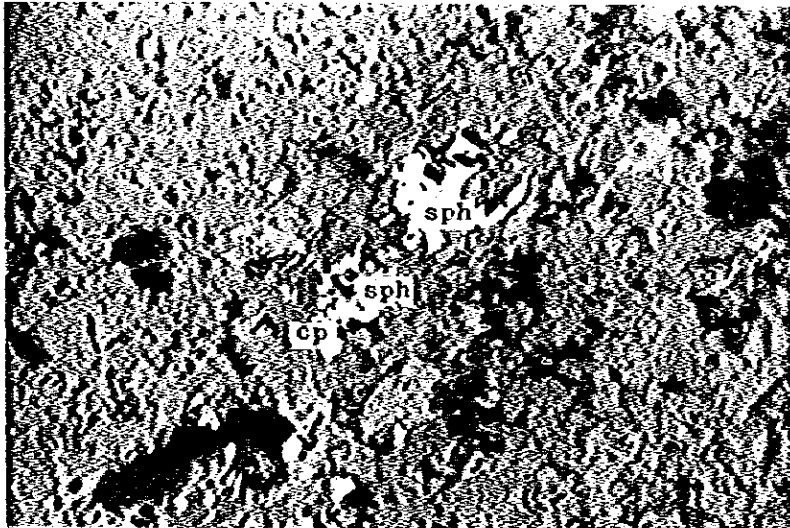
0 0.3mm



Sample No.: R1-62
 Locality : S. Temahas
 Name of Ore : Molybdenite
 in tonalite

mo: molybdenite
 g: gangue

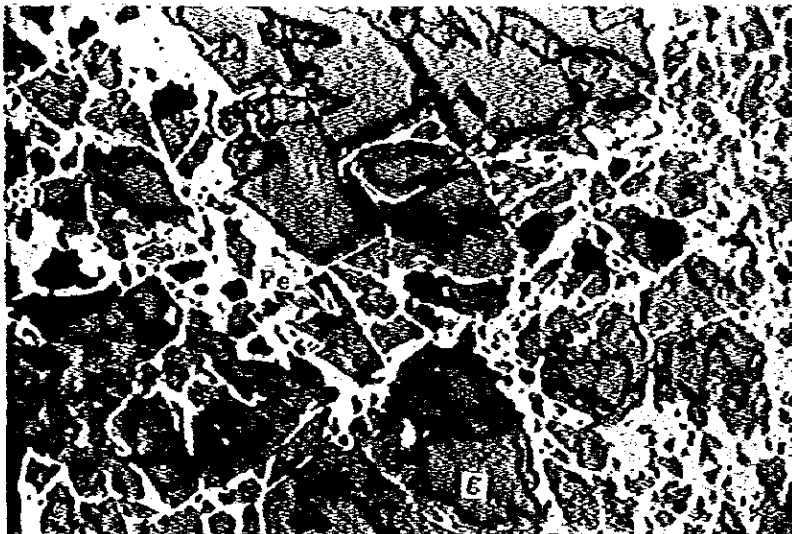
0 0.3mm



Sample No.: R1-62
 Locality : S. Temahas
 Name of Ore : Molybdenite
 in tonalite

cp: chalcopyrite
 sph: sphalerite

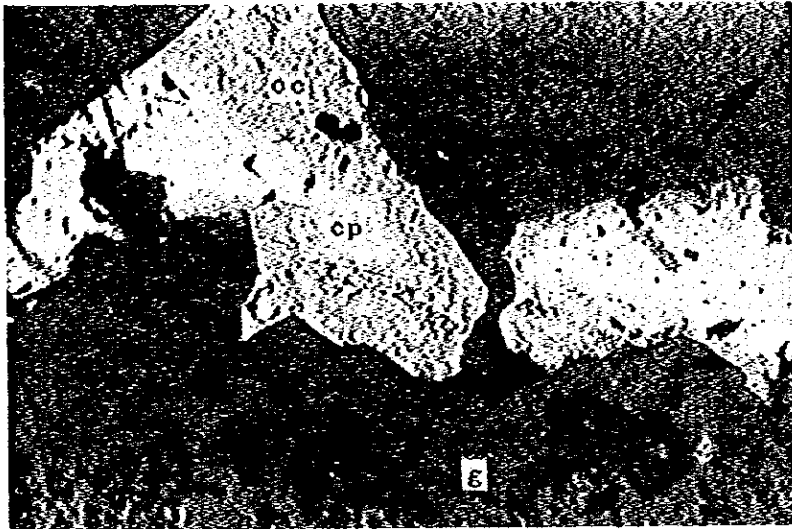
0 0.3mm



Sample No.: Batu Aji
 Locality : Batu Aji
 Name of Ore : Limonite
 network

Fe: limonite
 g: gangue

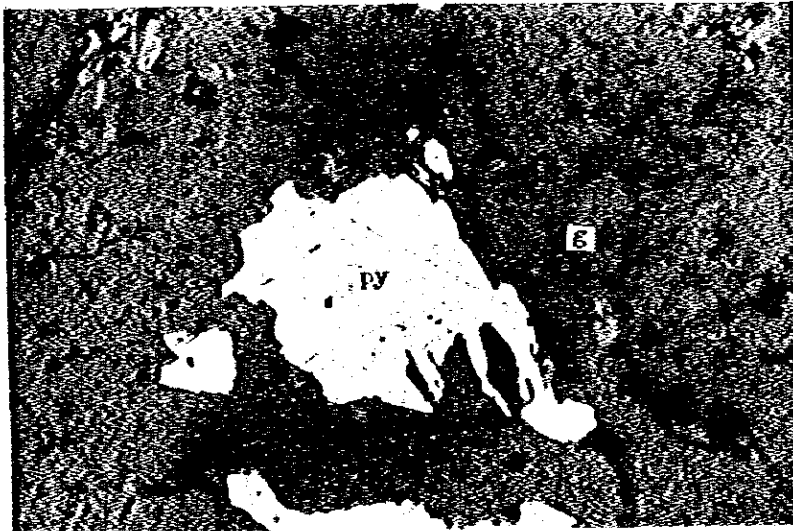
0 0.3mm



Sample No.: Rk-29
Locality : Batu Aji
Name of Ore : Chalcopyrite
 chalcocite

cp: chalcopyrite
cc: chalcocite
g: gangue

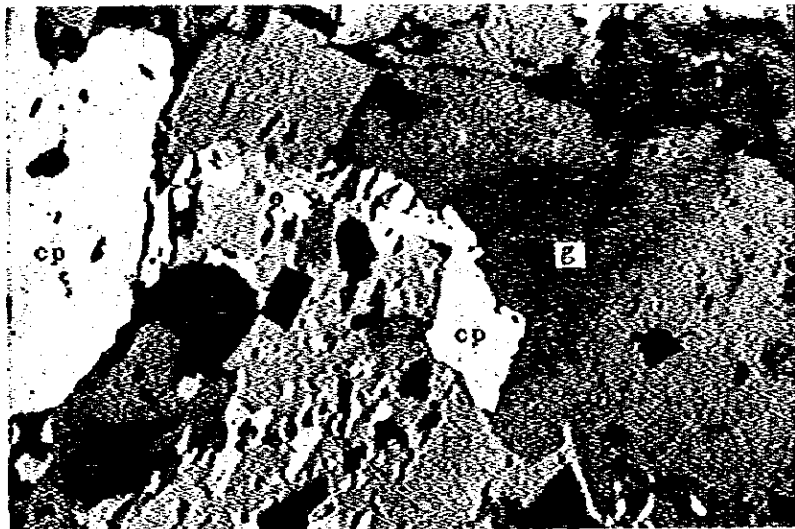
0 0.3mm



Sample No.: RE-71
Locality : S. Lao
Name of Ore : Pyrite

py: pyrite
g: gangue

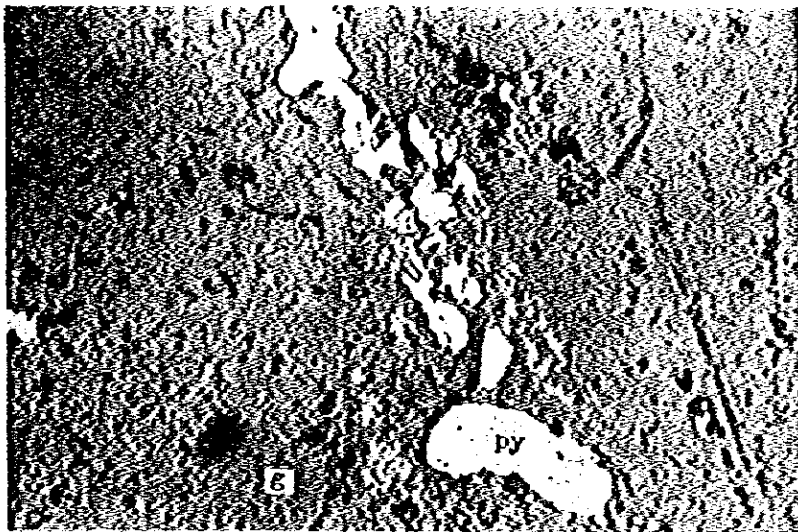
0 0.3mm



Sample No.: Rm-25
Locality : G. Sekeh
Name of Ore : Chalcopyrite

cp: chalcopyrite
g: gangue

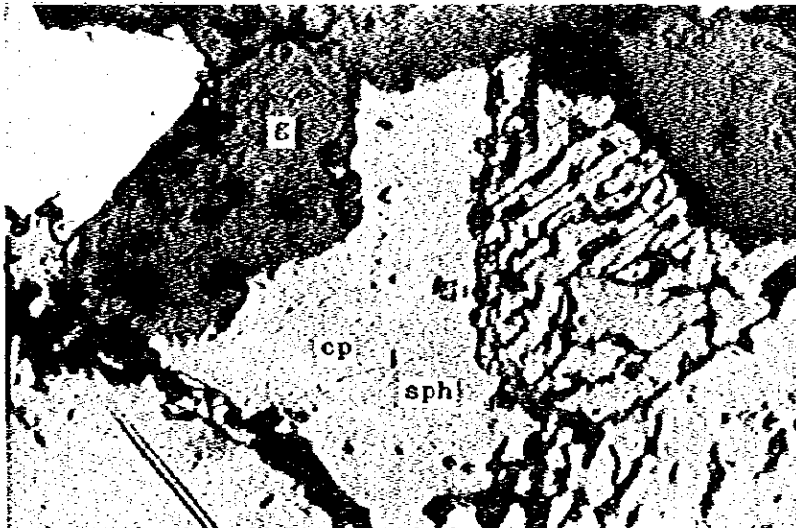
0 0.3mm



Sample No.: Rn-4
 Locality : S. Mempawah
 Name of Ore : Pyrite bearing
 quartz vein

py: pyrite
 g: gangue

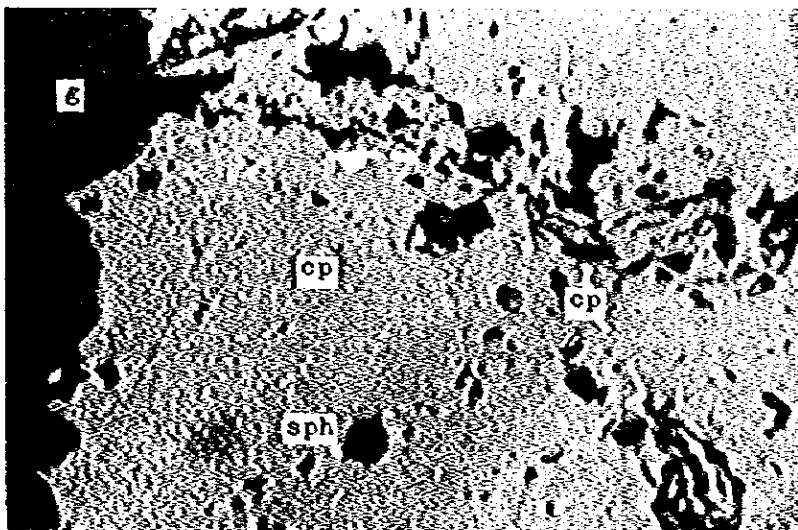
0 0.3mm



Sample No.: RB-48
 Locality : G. Mahmud
 Name of Ore : Chalcopyrite
 dot bearing
 sphalerite

cp: chalcopyrite
 sph: sphalerite
 g: gangue

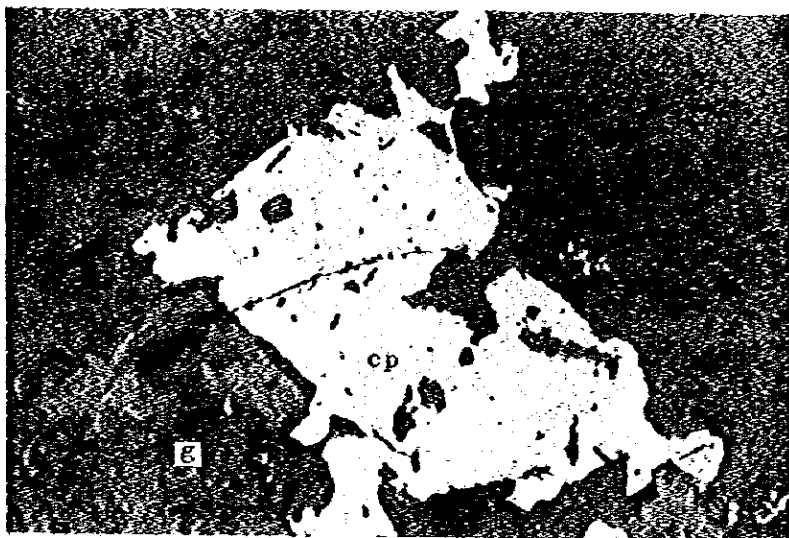
0 0.3mm



Sample No.: RB-48
 Locality : G. Mahmud
 Name of Ore : Chalcopyrite
 dot bearing
 sphalerite

cp: chalcopyrite
 sph: sphalerite

0 0.3mm



Sample No. : Ro-5

Locality : S. Bumbung

Name of Ore : Chalcopyrite

cp: chalcopyrite

g: gangue

0 0.3mm

Appendix 8 Assay Results of Geochemical Samples

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
A	1	I - 1	15 - 95	S. Rerong	369		34	1	5.6
A	2	I - 2	"	"	44		46	<1	5.8
A	3	I - 3	"	"	44		106	<1	5.8
A	4	I - 4	10 - 95	S. Mengkaman	23		69	1	6.0
A	5	I - 6	"	"	19		75	1	5.8
A	6	I - 7	15 - 95	"	29		109	1	5.8
A	7	I - 8	"	S. Yuan Ama	21		59	1	5.8
A	8	I - 9	"	S. Melabu	38		86	<1	5.6
A	9	I - 11	"	"	19		130	1	6.0
A	10	I - 12	"	"	26		86	2	6.0
A	11	I - 14	"	"	26		126	1	6.0
A	12	I - 17	"	S. Sansak	36		95	2	6.2
A	13	I - 18	"	"	56		75	1	6.0
A	14	I - 19	"	"	77		81	1	6.0
A	15	I - 20	"	"	42		69	1	6.0
A	16	I - 21	"	"	19		74	<1	6.2
A	17	I - 22	"	S. Semoa Karuh	13		57	1	5.6
A	18	I - 23	"	"	15		84	<1	6.0
A	19	I - 24	"	"	27		93	<1	5.6
A	20	I - 25	"	"	56		285	1	5.6
A	21	I - 26	20 - 95	"	21		89	<1	5.6
A	22	I - 27	15 - 95	S. Semoa Tapang	18		81	<1	5.8
A	23	I - 29	"	"	10		139	<1	5.4
A	24	I - 30	"	"	19		159	<1	5.6
A	25	I - 32	20 - 95	"	23		144	<1	5.4
A	26	I - 33	"	"	19		104	<1	5.4
A	27	I - 34	15 - 90	S. Reis	22		86	<1	5.8
A	28	I - 35	10 - 90	S. Raya	11		54	1	5.8
A	29	I - 38	15 - 90	S. Mandor	17		80	<1	5.4
A	30	I - 39	10 - 90	"	35		99	<1	5.6
A	31	I - 40	"	"	17		119	<1	5.6
A	32	I - 42	"	"	6		21	<1	5.6

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
A	33	I - 43	15 - 95	S. Raya	7		21	1	5.4
A	34	I - 44	15 - 90	S. Semoa Karuh	11		58	1	5.4
A	35	I - 45	"	S. Buluh	17		97	1	5.4
A	36	I - 46	"	S. Raya	15		65	<1	5.6
A	37	I - 47	"	S. Sepai	11		59	<1	5.6
A	38	I - 48	"	S. Raya	11		78	<1	6.0
A	39	I - 49	"	"	11		106	<1	6.2
A	40	I - 50	"	"	9		72	<1	6.2
A	41	I - 51	"	"	18		71	<1	6.0
A	42	I - 53	"	"	18		55	<1	5.8
A	43	I - 54	20 - 90	S. Sepai	23		93	<1	5.6
A	44	I - 55	15 - 90	"	21		74	<1	5.8
A	45	I - 57	20 - 90	"	63		127	<1	5.4
A	46	I - 58	"	"	405		341	2	5.6
A	47	I - 60	"	"	22		122	1	5.2
A	48	I - 61	"	"	14		71	<1	5.4
A	49	I - 62	"	"	33		120	<1	5.6
A	50	I - 63	20 - 95	"	17		89	<1	5.4
A	51	I - 64	20 - 90	"	12		75	<1	5.2
A	52	I - 65	20 - 95	"	19		82	<1	5.4
A	53	I - 66	"	"	14		92	<1	5.4
A	54	I - 67	20 - 90	S. Side	22		87	<1	5.8
A	55	I - 68	"	S. Sebowak	28		142	2	6.2
A	56	I - 70	"	S. Sepai	17		50	<1	5.8
A	57	I - 71	"	"	19		91	<1	6.0
A	58	I - 73	"	S. Sebowak	9		17	<1	5.8
A	59	I - 74	"	"	8		30	<1	5.8
A	60	I - 76	"	"	8		13	<1	6.0
A	61	I - 77	15 - 90	S. Nau	27		95	<1	5.6
A	62	I - 78	"	"	21		62	<1	5.4
A	63	I - 79	"	"	9		38	<1	5.4
A	64	I - 80	"	"	16		136	<1	5.4

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
A	65	I - 81	15 - 90	S. Mau	27		136	<1	5.6
A	66	I - 82	"	"	22		44	<1	5.6
A	67	I - 83	"	S. Semidang	13		40	<1	6.0
A	68	I - 84	"	S. Mau	10		77	<1	5.8
A	69	I - 85	"	"	13		101	<1	5.8
A	70	I - 86	"	"	29		46	<1	6.0
A	71	I - 87	"	"	11		46	<1	6.0
A	72	I - 88	20 - 90	S. Nasan	10		48	<1	6.0
A	73	II - 1	25 -100	S. Ledo	64	17	51	<1	6.2
A	74	II - 2	"	S. Bamua	69	17	55	<1	5.8
A	75	II - 3	20 -100	"	28	7	73	<1	6.0
A	76	II - 4	"	"	100	20	54	2	5.4
A	77	II - 5	"	"	54	10	53	<1	5.8
A	78	II - 6	25 -100	S. Banan	45	15	65	<1	5.8
A	79	II - 7	20 -100	"	22	7	106	<1	6.2
A	80	II - 9	"	"	21	7	121	<1	6.0
A	81	II - 11	25 - 95	S. Ledo	31	10	106	<1	6.2
A	82	II - 12	"	"	35	10	88	<1	6.0
A	83	II - 13	"	"	42		58	<1	6.2
A	84	II - 14	"	"	23		89	<1	6.0
A	85	II - 16	20 - 95	S. Sirih	155	40	74	2	6.2
A	86	II - 17	"	S. Ledo	91	37	66	<1	6.2
A	87	II - 18	25 - 95	"	48		77	<1	6.2
A	88	II - 21	20 -100	S. Bamua	278	55	70	3	6.2
A	89	II - 22	"	"	19	7	67	<1	6.4
A	90	II - 24	"	"	92	17	55	1	6.0
A	91	II - 25	"	"	151	24	52	2	6.2
A	92	II - 26	"	"	118	20	47	2	6.2
A	93	II - 28	20 - 95	"	79	17	52	3	6.2
A	94	II - 29	"	"	76	17	68	4	6.0
A	95	II - 30	25 -100	S. Ledo	71		65	1	5.8
A	96	II - 31	"	"	44		47	1	6.0

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
A	97	II - 32	25 -100	S. Lumar	25		83	1	6.2
A	98	II - 35	20 - 95	S. Sirih	178	52	87	4	6.2
A	99	II - 36	"	"	187	40	68	3	6.2
A	100	II - 40	"	"	203	43	92	4	6.0
A	101	II - 43	"	"	75	17	70	1	5.8
A	102	II - 44	"	"	96	27	92	4	5.8
A	103	II - 46	"	"	224	65	70	12	5.6
A	104	II - 47	"	S. Ledo	61	20	30	12	6.0
A	105	II - 48	"	"	157	35	86	10	6.0
A	106	II - 52	25 - 95	"	70		96	2	5.6
A	107	II - 54	"	"	77		85	<1	5.6
A	108	II - 55	20 - 95	"	36		115	<1	5.6
A	109	II - 56	25 - 95	"	58		191	<1	5.8
A	110	II - 57	20 - 95	"	70		135	<1	5.8
A	111	II - 58	"	"	110	33	104	1	6.2
A	112	II - 59	"	"	27		99	<1	6.0
A	113	II - 60	"	"	27		115	<1	6.0
A	114	II - 62	"	"	79		76	1	5.6
A	115	II - 63	"	"	28		109	<1	5.6
A	116	II - 64	25 -100	S. Lumar	12	9	60	<1	6.2
A	117	II - 66	"	"	45	20	60	<1	6.2
A	118	II - 67	"	"	23	10	126	<1	6.2
A	119	II - 68	"	"	12		127	<1	5.6
A	120	II - 69	"	"	16		72	<1	5.6
A	121	II - 70	"	"	34		71	<1	5.6
A	122	II - 72	20 -100	S. Barua	64	15	34	<1	5.8
A	123	II - 74	"	"	197	31	27	<1	5.6
A	124	II - 75	"	"	71	14	27	<1	5.8
A	125	II - 76	"	S. Banan	27	12	74	<1	6.8
A	126	II - 78	"	"	28	9	71	<1	6.2
A	127	II - 79	"	"	29	9	72	<1	6.2
A	128	II - 80	"	"	94	23	58	<1	6.2

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
A	129	II - 81	20 -100	S. Banan	30	8	46	<1	6.4
A	130	II - 82	"	"	33	8	73	<1	6.2
A	131	II - 83	"	"	101	24	62	<1	6.4
A	132	II - 84	25 -100	S. Cebol	9		30	<1	5.8
A	133	II - 85	"	"	14		80	<1	5.8
A	134	II - 86	"	"	12		54	<1	5.8
A	135	II - 87	"	"	7		32	<1	5.6
A	136	II - 88	"	"	24		94	<1	5.6
A	137	II - 89	30 -100	S. Doyot	12		39	<1	6.4
A	138	II - 90	25 - 95	S. Sedate	6		19	<1	5.8
A	139	II - 91	"	"	12		39	<1	5.6
A	140	II - 92	30 - 95	"	9		54	<1	6.0
A	141	II - 93	"	"	10		42	<1	5.8
A	142	II - 97	25 - 90	S. Raya	16		50	<1	6.0
A	143	II - 98	"	"	128		112	<1	5.4
A	144	II - 99	"	"	27		110	<1	5.6
A	145	II -102	"	"	22		101	<1	5.6
A	146	II -103	25 - 95	"	28		102	2	5.6
A	147	II -104	20 - 90	S. Nasan	17		91	<1	5.6
A	148	II -105	"	"	20		64	<1	5.6
A	149	II -106	"	"	19		68	<1	5.6
A	150	II -108	25 - 90	S. Sebulu	15		95	<1	5.6
A	151	II -110	30 - 90	"	22		100	<1	5.6
A	152	II -111	"	"	19		78	<1	5.6
A	153	II -112	25 - 90	S. Sekong	14		31	<1	5.6
A	154	II -113	"	"	20		94	<1	5.2
A	155	II -114	"	S. Sebulu	12		54	<1	5.4
A	156	II -115	"	S. Sekong	17		75	<1	5.8
A	157	II -118	30 - 95	S. Turek	27		97	<1	5.6
A	158	II -119	"	"	25		122	<1	5.6
A	159	II -120	30 - 90	S. Selayu	16		46	<1	5.6
A	160	II -121	"	"	22		90	<1	5.2

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
A	161	II -122	25 - 90	S. Selayu	17		89	<1	5.6
B	162	III- 3	15 - 85	S. Liu	32		72	<1	6.0
B	163	III- 4	"	"	33		74	<1	6.0
B	164	III- 5	"	"	28		48	1	6.0
A	165	III- 6	"	S. Pesune	33		76	<1	5.0
A	166	III- 7	"	"	37		90	1	6.0
A	167	III- 8	"	"	42		86	<1	6.0
B	168	III- 9	20 - 80	S. Yoroi	64		89	1	5.8
B	169	III- 10	"	"	56		98	<1	6.0
B	170	III- 11	"	"	76		108	<1	6.0
B	171	III- 12	"	"	59		106	1	6.0
B	172	III- 13	20 - 85	S. Ketapang	39		98	<1	5.8
B	173	III- 14	"	"	57		120	<1	6.0
A	174	III- 15	"	S. Pesune	32		72	<1	6.0
A	175	III- 16	"	"	48		87	<1	6.0
A	176	III- 17	"	"	33		96	<1	6.0
A	177	III- 18	"	"	23		63	<1	5.6
B	178	III- 19	"	S. Rasau	45		86	<1	5.6
B	179	III- 20	"	S. Semahu	41		113	<1	6.0
A	180	III- 21	"	S. Kelau	29		95	<1	6.0
B	181	III- 22	20 - 80	S. Liu	64		91	1	6.0
A	182	III- 24	20 - 85	S. Raya	28		85	<1	5.8
A	183	III- 25	"	"	9		33	<1	6.0
A	184	III- 26	"	"	21		64	<1	6.0
A	185	III- 27	20 - 90	"	23		68	<1	5.8
A	186	III- 28	20 - 85	"	19		67	<1	5.8
A	187	III- 29	20 - 90	"	16		68	<1	5.6
A	188	III- 30	"	"	25		87	<1	5.8
A	189	III- 31	25 - 90	S. Sekong	18		101	<1	6.0
A	190	III- 32	"	"	24		116	<1	6.0
A	191	III- 33	"	"	23		59	<1	5.8
B	192	III- 34	25 - 85	S. Sebalau	107	54	112	1	5.8

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	193	III- 36	25 - 85	S. Sebalau	292	120	80	1	5.8
B	194	III- 37	"	"	134	48	47	1	5.8
B	195	III- 39	"	S. Tel Nam	22		71	<1	5.8
B	196	III- 40	"	"	52		81	<1	5.8
B	197	III- 41	"	S. Sebalau	40	13	71	1	5.6
B	198	III- 42	"	"	37	10	51	<1	5.8
B	199	III- 43	"	"	41	13	109	1	5.8
B	200	III- 45	"	"	46	14	58	<1	5.6
B	201	III- 47	"	S. Tel Nam	100		79	<1	5.6
B	202	III- 48	"	"	56		64	<1	5.8
B	203	III- 49	"	"	312		40	1	5.8
B	204	III- 50	"	"	105		68	<1	5.6
B	205	III- 51	"	S. Bani	46	16	54	<1	5.8
B	206	III- 52	"	"	83	14	24	<1	5.6
B	207	III- 53	"	"	109	35	30	<1	5.8
B	208	III- 54	25 - 80	"	339	48	38	<1	5.6
B	209	III- 55	"	"	87	15	80	<1	5.4
B	210	III- 56	25 - 85	S. Tel Nam	95	24	42	<1	5.8
B	211	III- 57	"	S. Melunu	13	5	40	<1	5.8
B	212	III- 58	"	"	28	9	76	<1	5.8
B	213	III- 59	"	S. Boni	135	84	183	1	6.0
B	214	III- 60	"	"	129	46	59	<1	5.6
B	215	III- 61	"	"	223	78	84	<1	5.8
B	216	III- 62	"	"	161	46	43	<1	5.8
B	217	III- 65	"	"	76	28	76	<1	5.6
B	218	III- 66	30 - 85	S. Benawan	46		70	<1	5.6
B	219	III- 67	"	"	25		102	<1	5.8
B	220	III- 68	"	"	20		89	<1	6.0
B	221	III- 69	"	"	17		81	2	5.8
B	222	III- 70	"	"	16		110	<1	5.8
B	223	III- 72	"	"	18		122	<1	5.6
B	224	III- 73	"	"	19		88	<1	5.8

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	225	III- 74	30 - 85	S. Benawan	25		90	<1	5.8
B	226	III- 76	"	"	18		79	<1	5.6
B	227	III- 77	"	"	28		75	<1	5.8
B	228	III- 80	"	"	20		61	<1	5.8
A	229	III- 81	"	S. Semuan	34		54	<1	5.6
B	230	III- 82	"	S. Benuang	71		63	<1	5.8
B	231	III- 83	"	"	63		82	<1	5.6
B	232	III- 86	"	"	19		107	<1	5.8
B	233	III- 87	"	"	20		101	<1	5.8
A	234	III- 88	"	S. Berangkai	24		50	<1	5.8
B	235	III- 91	"	"	40		96	<1	5.8
A	236	III- 92	"	S. Benawan	49		45	<1	5.8
B	237	III- 94	"	"	17		27	1	5.6
A	238	III- 95	25 - 85	S. Durian	79		64	<1	5.6
A	239	III- 96	"	"	30		56	<1	5.6
B	240	III- 98	30 - 85	S. Benuang	52		99	<1	5.8
B	241	III- 99	"	"	24		147	<1	5.8
B	242	III-100	"	"	36		118	1	5.8
B	243	III-101	"	"	28		146	<1	5.8
B	244	III-103	"	"	32		131	1	5.8
A	245	III-104	"	S. Berangkai	39		59	<1	5.8
B	246	III-108	"	"	37		217	1	5.8
B	247	III-111	35 - 85	S. Sebintik	42		75	2	5.6
A	248	III-112	15 - 85	S. Semidang	23		95	<1	5.6
A	249	III-113	"	"	15		70	<1	5.8
A	250	III-114	"	"	22		51	1	5.6
A	251	III-115	"	"	52		102	1	5.8
B	252	IV - 1	20 - 75	S. Kemarah	41	8	79	<1	6.0
B	253	IV - 2	"	"	29	8	90	<1	6.4
B	254	IV - 3	"	"	30	10	90	1	6.2
B	255	IV - 4	"	S. Pehen	139		199	1	5.8
B	256	IV - 15	15 - 80	S. Bungung	33		65	1	6.8

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	257	IV - 16	15 - 80	S. Bumbung	66		127	1	6.2
B	258	IV - 17	20 - 80	"	78		130	2	6.2
B	259	IV - 21	"	"	60		83	1	6.2
B	260	IV - 22	"	"	29		72	<1	7.2
B	261	IV - 26	"	"	84		78	<1	7.2
B	262	IV - 28	"	"	94		104	<1	6.8
B	263	IV - 29	"	"	29		61	<1	6.0
B	264	IV - 30	"	"	73		68	<1	6.8
B	265	IV - 34	"	"	73		117	<1	7.2
B	266	IV - 35	"	"	72		96	<1	7.2
B	267	IV - 36	25 - 75	S. Pehen	22		94	<1	-
B	268	IV - 37	"	"	16		91	<1	-
B	269	IV - 38	"	"	14		106	<1	-
B	270	IV - 39	"	"	32		102	<1	-
B	271	IV - 42	30 - 80	S. Alam	21	8	71	<1	5.8
B	272	IV - 46	25 - 80	S. Jelayan	58	16	108	<1	6.2
B	273	IV - 47	30 - 80	S. Semade	50	18	91	<1	6.2
B	274	IV - 52	"	"	37	12	104	<1	6.2
B	275	IV - 53	"	"	20	8	90	<1	6.4
B	276	IV - 54	"	"	14	4	58	<1	6.2
B	277	IV - 55	"	"	23	8	113	<1	6.6
B	278	IV - 56	"	"	22	8	127	<1	6.4
B	279	IV - 59	"	"	39	12	79	<1	6.2
B	280	IV - 60	"	S. Maha	33	12	90	<1	6.2
B	281	IV - 65	25 - 80	"	22	10	65	<1	6.6
B	282	IV - 66	30 - 80	S. Mala	47	18	104	<1	6.2
B	283	IV - 67	"	"	12	6	52	<1	6.4
B	284	IV - 68	"	S. Laba	38		88	<1	6.4
B	285	IV - 69	"	S. Santung	25		25	<1	6.2
B	286	IV - 70	35 - 80	S. Lolang	41		43	<1	5.8
B	287	IV - 73	"	"	41		54	<1	6.4
B	288	IV - 76	30 - 80	"	339		60	<1	6.2

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	289	IV - 78	35 - 80	S. Sebintik	54		46	<1	6.2
B	290	IV - 80	"	"	93		61	<1	6.4
B	291	IV - 81	"	"	65		121	<1	6.2
B	292	IV - 82	"	"	74		101	<1	6.4
B	293	IV - 83	30 - 80	"	90		98	<1	5.8
B	294	IV - 84	"	"	142		91	<1	6.2
B	295	IV - 87	"	S. Teriak	75		64	<1	6.2
B	296	IV - 90	"	S. Benteng	32		61	<1	6.2
B	297	IV - 92	"	"	36		80	<1	6.2
B	298	IV - 98	"	S. Teriak	47		79	<1	6.4
B	299	IV -100	"	"	79		125	<1	6.4
B	300	IV -102	"	"	104		102	<1	6.2
B	301	IV -104	"	"	64		81	<1	-
B	302	IV -107	35 - 80	S. Sebintik	38		77	<1	6.2
B	303	IV -108	35 - 85	S. Setanga	44		94	<1	6.2
B	304	IV -109	"	"	25		50	<1	6.2
B	305	IV -111	30 - 85	"	23		49	<1	6.4
B	306	IV -112	"	"	13		66	<1	6.4
B	307	IV -113	35 - 80	S. Teriak	37		185	<1	6.2
B	308	IV -114	30 - 80	"	50		52	<1	6.2
B	309	IV -117	"	"	28		57	<1	6.2
B	310	IV -119	"	"	12		55	<1	5.8
B	311	IV -120	"	"	27		47	<1	6.0
B	312	IV -121	"	"	26		48	<1	6.0
B	313	IV -122	"	"	32		63	<1	6.0
B	314	IV -123	20 - 75	S. Kempawah	33	14	41	<1	5.8
B	315	IV -125	25 - 75	"	30	10	65	<1	6.2
B	316	IV -126	25 - 80	"	44	15	74	<1	6.2
B	317	IV -128	"	"	56	22	104	<1	6.2
B	318	IV -129	"	"	45	18	128	<1	6.4
B	319	IV -130	"	"	36	12	83	<1	6.2
B	320	IV -131	"	"	44	8	70	<1	6.2

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	321	IV -133	25 - 80	S. Mempawah	57	13	99	<1	6.2
B	322	IV -134	"	"	114	26	56	<1	6.4
B	323	IV -136	20 - 80	"	42	12	78	<1	6.2
B	324	IV -137	25 - 80	"	126	19	52	<1	6.2
B	325	IV -139	20 - 80	S. Sakung	39	14	61	<1	6.2
B	326	IV -141	"	"	74	20	142	<1	6.4
B	327	IV -143	"	"	52	13	90	<1	6.2
B	328	IV -144	"	"	98	37	93	<1	5.8
B	329	IV -146	20 - 75	S. Mempawah	63	18	94	<1	6.2
B	330	IV -148	"	S. Pehen	24		102	<1	5.8
B	331	IV -150	"	"	41		48	<1	6.0
B	332	IV -151	25 - 75	"	56		78	<1	6.0
B	333	IV -153	"	"	83		86	<1	6.2
B	334	IV -154	"	"	66		80	<1	6.2
B	335	IV -155	"	"	50		76	<1	6.2
B	336	IV -157	"	"	28		73	<1	6.2
B	337	IV -158	"	"	62		90	<1	6.0
B	338	IV -161	25 - 80	S. Menyuke	44	10	87	<1	6.0
B	339	IV -164	"	"	16	4	32	<1	6.0
B	340	IV -165	"	"	16	2	48	<1	6.0
B	341	IV -166	"	"	31	6	49	<1	6.2
B	342	IV -168	"	S. Selimut	30	4	24	<1	6.0
B	343	IV -169	25 - 75	S. Pabuak	17	2	36	<1	6.0
B	344	IV -171	"	S. Selimut	23		54	<1	6.2
B	345	IV -172	25 - 80	S. Menyuke	49	12	72	<1	5.8
B	346	V - 1	25 - 65	S. Sallo	23		47	<1	6.0
B	347	V - 2	25 - 70	S. Tahuban	19		39	<1	6.2
B	348	V - 3	"	"	24		50	<1	6.5
B	349	V - 4	"	"	83		119	<1	6.5
B	350	V - 7	"	"	56		109	<1	6.2
B	351	V - 9	25 - 65	S. Kerasik	30		63	<1	6.0
B	352	V - 10	"	"	52		79	<1	6.0

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	353	V - 11	25 - 65	S. Kerasik	28		74	<1	6.2
B	354	V - 12	25 - 70	"	45		83	<1	6.0
B	355	V - 13	"	"	25		94	1	6.0
B	356	V - 14	"	"	44		55	<1	6.4
B	357	V - 16	"	S. Sailo	41		90	<1	6.8
B	358	V - 17	"	"	108		100	<1	6.8
B	359	V - 18	"	S. Tangga	46		92	<1	6.2
B	360	V - 19	"	"	33		85	<1	6.6
B	361	V - 20	"	S. Tahuban	41		91	<1	7.3
B	362	V - 21	"	"	29		76	<1	6.2
B	363	V - 22	30 - 65	S. Saur	6		11	<1	6.0
B	364	V - 23	"	"	44		97	<1	6.8
B	365	V - 24	25 - 65	"	4		9	<1	6.4
B	366	V - 25	"	"	5		9	<1	6.0
B	367	V - 26	30 - 65	S. Sembuang	15		50	<1	6.4
B	368	V - 29	25 - 65	"	19		51	<1	6.2
B	369	V - 31	30 - 65	"	2		8	<1	6.0
B	370	V - 32	"	"	13		50	<1	6.0
B	371	V - 33	"	S. Beguru	27		67	<1	6.2
B	372	V - 35	"	"	36		72	<1	6.2
B	373	V - 39	30 - 60	S. Sembuang	23		50	<1	6.0
B	374	V - 41	30 - 65	"	19		41	<1	6.0
B	375	V - 42	35 - 65	"	17		36	1	6.2
B	376	V - 43	30 - 70	"	18		31	<1	6.0
B	377	V - 44	"	"	6		27	<1	6.0
B	378	V - 45	35 - 65	"	11		25	<1	6.4
B	379	V - 46	30 - 70	S. Sari	5		12	<1	6.0
B	380	V - 47	"	"	7		10	<1	6.4
B	381	V - 48	30 - 65	"	6		40	<1	6.4
B	382	V - 49	"	"	4		27	<1	6.0
B	383	V - 50	"	"	4		46	<1	6.4
B	384	V - 51	"	"	8		31	<1	6.4

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	385	V - 52	30 - 70	S. Sembuang	19		38	<1	6.2
B	386	V - 53	"	S. Karaban	17		45	<1	6.4
B	387	V - 56	"	"	15		33	<1	6.4
B	388	V - 58	"	S. Minang	18		51	<1	6.4
B	389	V - 59	25 - 75	S. Setona	29		72	<1	6.4
B	390	V - 60	"	"	19		21	<1	6.2
B	391	V - 61	"	"	33		90	1	6.4
B	392	V - 62	30 - 75	"	25		41	1	6.4
B	393	V - 65	"	"	63		94	2	6.2
B	394	V - 66	"	"	34		82	1	6.4
B	395	V - 67	"	"	36		68	<1	6.4
B	396	V - 69	25 - 70	S. Sailo	14		45	<1	6.8
B	397	V - 71	"	"	31		78	1	7.0
B	398	V - 72	"	"	36		85	1	7.2
B	399	V - 73	"	"	37		87	1	7.2
B	400	V - 75	25 - 65	S. Anau	12		37	1	6.8
B	401	V - 76	"	"	24		57	<1	6.8
B	402	V - 79	"	S. Bala	10		27	2	6.4
B	403	V - 81	"	"	41		46	<1	7.0
B	404	V - 82	"	S. Sailo	22		48	<1	6.2
B	405	V - 83	"	"	9		37	<1	5.8
B	406	V - 86	30 - 65	S. Aja	5		20	2	6.2
B	407	V - 90	"	"	15		34	<1	5.8
B	408	V - 91	"	"	20		49	2	6.9
B	409	V - 92	"	"	13		45	<1	5.8
B	410	V - 93	"	"	18		48	<1	6.0
B	411	V - 95	"	"	10		34	<1	6.2
B	412	V - 97	30 - 60	"	31		48	3	6.2
B	413	V - 98	"	"	66		118	2	6.0
B	414	V -102	30 - 65	S. Padup	4		19	1	6.0
B	415	V -103	"	"	10		19	<1	5.8
B	416	V -104	35 - 70	S. Hinang	12		56	<1	6.0

Block	Serial No.	Sample No.	Location		Assay Results (P.P.M)				PH
			Grid on map	River or Creek	Cu		Zn	Mo	
					T-Cu	Cx-Cu			
B	417	V -106	30 - 75	S. Menyuke	2		8	<1	5.8
B	418	V -107	"	"	8		11	1	5.6
B	419	V -108	"	S. Setona	10		42	1	5.8
B	420	V -109	30 - 70	S. Janing	14		31	<1	5.8
B	421	V -113	"	"	23		54	<1	5.8
B	422	V -114	"	"	33		58	<1	5.8
B	423	V -115	"	"	26		47	<1	6.0
B	424	V -116	"	S. Karaban	24		56	<1	5.8
B	425	V -119	"	"	34		91	<1	5.8
B	426	V -120	"	S. Hinang	16		47	<1	6.0
B	427	V -121	"	"	20		56	<1	6.0
B	428	V -122	25 - 75	S. Kuyit	24		33	<1	6.0
B	429	V -123	"	"	33		59	1	6.0
B	430	V -124	"	"	15		38	<1	6.2
B	431	V -125	"	"	47		87	<1	5.4
B	432	V -126	"	S. Selmut	47	4	67	<1	6.0
B	433	V -127	"	"	47	4	73	<1	6.0
B	434	V -128	30 - 75	S. Menyuke	18		69	<1	6.0
B	435	V -130	"	S. Setona	11		69	<1	6.0

Appendix 9 Number of Gold Grains by Megascopic Observation

Serial No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.P.C	F.C	M.C	C.C	V.C.C	
1	I - 1	15 - 95	S. Rerong				1		1
2	I - 2	"	"			7	6		13
3	I - 3	"	"						-
4	I - 4	10 - 95	S. Mengkaman			10	9	1	20
5	I - 5	"	"						-
6	I - 6	"	"		5				5
7	I - 7	15 - 95	"		1				1
8	I - 8	"	S. Huan Ama		1				1
9	I - 9	"	S. Melabu						-
10	I - 10	"	"						-
11	I - 11	"	"						-
12	I - 12	"	"						-
13	I - 13	"	"						-
14	I - 14	"	"						-
15	I - 15	"	S. Sansak						-
16	I - 16	"	"						-
17	I - 17	"	"						-
18	I - 18	"	"						-
19	I - 19	"	"						-
20	I - 20	"	"						-
21	I - 21	"	"						-
22	I - 22	"	S. Senoa Karuh		1	1			2
23	I - 23	"	"						-
24	I - 24	"	"						-
25	I - 25	"	"						-
26	I - 26	20 - 95	"						-
27	I - 27	15 - 95	S. Senoa Tapang						-
28	I - 28	"	"						-
29	I - 29	"	"						-
30	I - 30	"	"						-
31	I - 31	20 - 95	"						-
32	I - 32	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.F.C	F.C	M.C	C.C	V.C.C	
33	I - 33	20 - 95	S.Semoa Tapang						-
34	I - 34	15 - 90	S. Reis						-
35	I - 35	10 - 90	S. Raya						-
36	I - 36	15 - 90	S. Mandor						-
37	I - 37	"	"						-
38	I - 38	"	"						-
39	I - 39	10 - 90	"						-
40	I - 40	"	"			3			3
41	I - 41	"	"						-
42	I - 42	"	"						-
43	I - 43	15 - 95	S. Raya			1			1
44	I - 44	15 - 90	S. Semoakaruh						-
45	I - 45	"	S. Buluh		2				2
46	I - 46	"	S. Raya			2			2
47	I - 47	"	S. Sepai						-
48	I - 48	"	S. Raya						-
49	I - 49	"	"						-
50	I - 50	"	"						-
51	I - 51	"	"						-
52	I - 52	"	"						-
53	I - 53	"	"						-
54	I - 54	20 - 90	S. Sepai						-
55	I - 55	15 - 90	"					1	1
56	I - 56	20 - 90	"		10				10
57	I - 57	"	"						-
58	I - 58	"	"						-
59	I - 59	"	"			1			1
60	I - 60	"	"						-
61	I - 61	"	"						-
62	I - 62	"	"					1	1
63	I - 63	20 - 95	"						-
64	I - 64	20 - 90	"		8	3			11

Serial No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.F.C	P.C	H.C	C.C	V.C.C	
65	I - 65	20 - 95	S. Sepai			1			1
66	I - 66	"	"						-
67	I - 67	20 - 90	S. Side						-
68	I - 68	"	S. Sebowak						-
69	I - 69	"	"				1		1
70	I - 70	"	S. Sepai						-
71	I - 71	"	"						-
72	I - 72	"	"				1		1
73	I - 73	"	S. Sebowak		8	2	1		11
74	I - 74	"	"		12	5	1		18
75	I - 75	"	"		7				7
76	I - 76	"	"				1		1
77	I - 77	15 - 90	S. Mau		6	1	1	1	9
78	I - 78	"	"						-
79	I - 79	"	"						-
80	I - 80	"	"						-
81	I - 81	"	"						-
82	I - 82	"	"						-
83	I - 83	"	S. Semidang		9	1			10
84	I - 84	"	S. Mau						-
85	I - 85	"	"		6				6
86	I - 86	"	"						-
87	I - 87	"	"						-
88	I - 88	20 - 90	S. Nasan						-
89	II - 1	25 -100	S. Ledo						-
90	II - 2	"	S. Banua						-
91	II - 3	20 -100	"						-
92	II - 4	"	"		1				1
93	II - 5	"	"						-
94	II - 6	25 -100	S. Banan		8				8
95	II - 7	20 -100	"		1				1
96	II - 8	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	Total
97	II - 9	20 -100	S. Banan		3				3
98	II - 10	"	"						-
99	II - 11	25 - 95	S. Ledo						-
100	II - 12	"	"		9				9
101	II - 13	"	"		6				6
102	II - 14	"	"		1				1
103	II - 15	"	"						-
104	II - 16	20 - 95	S. Sirih		1				1
105	II - 17	"	S. Ledo		5				5
106	II - 18	25 - 95	"						-
107	II - 19	"	"						-
108	II - 20	"	"						-
109	II - 21	20 -100	S. Banua						-
110	II - 22	"	"		1				1
111	II - 23	"	"		1				1
112	II - 24	"	"						-
113	II - 25	"	"						-
114	II - 26	"	"		3				3
115	II - 27	20 - 95	"						-
116	II - 28	"	"						-
117	II - 29	"	"						-
118	II - 30	25 -100	S. Ledo		7				7
119	II - 31	"	"		28				28
120	II - 32	"	S. Luar		9				9
121	II - 33	20 - 95	S. Sirih						-
122	II - 34	"	"						-
123	II - 35	"	"						-
124	II - 36	"	"						-
125	II - 37	"	"						-
126	II - 38	"	"						-
127	II - 39	"	"						-
128	II - 40	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	M.C	C.C	V.C.C	Total
129	II - 41	20 - 95	S. Sirih						-
130	II - 42	"	"						-
131	II - 43	"	"						-
132	II - 44	"	"						-
133	II - 45	"	"						-
134	II - 46	"	"						-
135	II - 47	"	S. Ledo						-
136	II - 48	"	"						-
137	II - 49	"	"						-
138	II - 50	"	"						-
139	II - 51	"	"						-
140	II - 52	25 - 95	"		2				2
141	II - 53	20 - 95	"						-
142	II - 54	25 - 95	"		1				1
143	II - 55	20 - 95	"		4				4
144	II - 56	25 - 95	"						-
145	II - 57	20 - 95	"		4				4
146	II - 58	"	"						-
147	II - 59	"	"						-
148	II - 60	"	"						-
149	II - 61	"	"						-
150	II - 62	"	"						-
151	II - 63	"	"						-
152	II - 64	25 -100	S. Lumar		15	2			17
153	II - 65	"	"		24	2			26
154	II - 66	"	"		30				30
155	II - 67	"	"		10	4			14
156	II - 68	"	"						-
157	II - 69	"	"		81	1			82
158	II - 70	"	"		68				68
159	II - 71	20 -100	S. Bazua						-
160	II - 72	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	Total
161	II - 73	20 -100	S. Barua						-
162	II - 74	"	"						-
163	II - 75	"	"						-
164	II - 76	"	S. Banan		26	2			28
165	II - 77	"	"		1				1
166	II - 78	"	"						-
167	II - 79	"	"						-
168	II - 80	"	"						-
169	II - 81	"	"		40	2			42
170	II - 82	"	"		26				26
171	II - 83	"	"						-
172	II - 84	25 -100	S. Cebol		9				9
173	II - 85	"	"		15	16			31
174	II - 86	"	"		11	6			17
175	II - 87	"	"		10	2			12
176	II - 88	"	"		7	1			8
177	II - 89	30 -100	S. Doyot						-
178	II - 90	25 - 95	S. Sedate		1	3			4
179	II - 91	"	"		5				5
180	II - 92	30 - 95	"						-
181	II - 93	"	"		1				1
182	II - 94	"	"						-
183	II - 95	"	S. Dayak		1				1
184	II - 96	25 - 90	S. Raya						-
185	II - 97	"	"		3	1	1		5
186	II - 98	"	"						-
187	II - 99	"	"						-
188	II -100	"	"						-
189	II -101	"	"						-
190	II -102	"	"						-
191	II -103	25 - 95	"						-
192	II -104	20 - 90	S. Nasan		1				1

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.P.C	F.C	M.C	C.C	V.C.C	Total
193	II -105	20 - 90	S. Nasan						-
194	II -106	"	"						-
195	II -107	"	"						-
196	II -108	25 - 90	S. Sebulu		6	1			7
197	II -109	"	"		2				2
198	II -110	30 - 90	"						-
199	II -111	"	"						-
200	II -112	25 - 90	S. Sekong		1				1
201	II -113	"	"						-
202	II -114	"	S. Sebulu						-
203	II -115	"	S. Sekong						-
204	II -116	30 - 90	"						-
205	II -117	30 - 95	S. Tunek						-
206	II -118	"	"						-
207	II -119	"	"						-
208	II -120	30 - 90	S. Selayu		12				12
209	II -121	"	"		4	2			6
210	II -122	25 - 90	"		2				2
211	II -123	25 -100	S. Lumar		16				16
212	II -124	"	"		56	6			62
213	III- 1	15 - 85	S. Semidang	4					4
214	III- 2	"	S. Liu						-
215	III- 3	"	"						-
216	III- 4	"	"						-
217	III- 5	"	"						-
218	III- 6	"	S. Pesune		12	8	1		21
219	III- 7	"	"			2			2
220	III- 8	"	"						-
221	III- 9	20 - 80	S. Moroi		14				14
222	III- 10	"	"		4				4
223	III- 11	"	"						-
224	III- 12	"	"		8				8

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	M.C	C.C	V.C.C	Total
225	III- 13	20 - 85	S. Ketapang						-
226	III- 14	"	"		4				4
227	III- 15	"	S. Pesune		3				3
228	III- 16	"	"						-
229	III- 17	"	"		>20	8			>28
230	III- 18	"	"		8	2			10
231	III- 19	"	S. Rasau	12					12
232	III- 20	"	S. Semahu						-
233	III- 21	"	S. Kelau						-
234	III- 22	20 - 80	S. Liu						-
235	III- 23	20 - 85	S. Pesune		8	1			9
236	III- 24	"	S. Raya						-
237	III- 25	"	"						-
238	III- 26	"	"		6				6
239	III- 27	20 - 90	"		3				3
240	III- 28	20 - 85	"						-
241	III- 29	20 - 90	"						-
242	III- 30	"	"		2				2
243	III- 31	25 - 90	S. Sekong						-
244	III- 32	"	"						-
245	III- 33	"	"						-
246	III- 34	25 - 85	S. Sebalau	4					4
247	III- 35	"	"	20					20
248	III- 36	"	"		4				4
249	III- 37	"	"		15	2			17
250	III- 38	"	"		8				8
251	III- 39	"	S. Tel Nam						-
252	III- 40	"	"		2				2
253	III- 41	"	S. Sebalau		25				25
254	III- 42	"	"		6	6	1		13
255	III- 43	"	"		3				3
256	III- 44	"	"		5	2			7

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	Total
257	III- 45	25 - 85	S. Sebalau		9				9
258	III- 46	"	"		16	3			19
259	III- 47	"	S. Tel Nam						-
260	III- 48	"	"		3				3
261	III- 49	"	"		1				1
262	III- 50	"	"		5				5
263	III- 51	"	S. Boni		3	1			4
264	III- 52	"	"		2	1			3
265	III- 53	"	"		7				7
266	III- 54	25 - 80	"		10				10
267	III- 55	"	"		4				4
268	III- 56	25 - 85	S. Tel Nam	18	3				21
269	III- 57	"	S. Melunu						-
270	III- 58	"	"		13				13
271	III- 59	"	S. Boni		8				8
272	III- 60	"	"		6				6
273	III- 61	"	"		2				2
274	III- 62	"	"		1				1
275	III- 63	"	"		3				3
276	III- 64	"	"		1				1
277	III- 65	"	"						-
278	III- 66	30 - 85	S. Benawan						-
279	III- 67	"	"						-
280	III- 68	"	"						-
281	III- 69	"	"						-
282	III- 70	"	"						-
283	III- 71	"	"						-
284	III- 72	"	"						-
285	III- 73	"	"		2				2
286	III- 74	"	"						-
287	III- 75	"	"		2				2
288	III- 76	"	"		2				2

Serial No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.F.C	P.C	H.C	C.C	V.C.C	
289	III- 77	30 - 85	S. Benawan		6		1		7
290	III- 78	"	"						-
291	III- 79	"	"		2				2
292	III- 80	"	"						-
293	III- 81	"	S. Sezoun						-
294	III- 82	"	S. Benuang						-
295	III- 83	"	"						-
296	III- 84	"	"		4	2			6
297	III- 85	"	"		3	1			4
298	III- 86	"	"		2				2
299	III- 87	"	"		6				6
300	III- 88	"	S. Berangkai		15				15
301	III- 89	"	"		3				3
302	III- 90	"	"		2				2
303	III- 91	"	"		1				1
304	III- 92	"	S. Benawan		3				3
305	III- 93	"	"		1				1
306	III- 94	"	"		1				1
307	III- 95	25 - 85	S. Durian						-
308	III- 96	"	"		2				2
309	III- 97	30 - 85	S. Benuang		9	1			10
310	III- 98	"	"	11	1				12
311	III- 99	"	"						-
312	III-100	"	"		2				2
313	III-101	"	"		1				1
314	III-102	"	"		2				2
315	III-103	"	"						-
316	III-104	"	S. Berangkai		1				1
317	III-105	"	"						-
318	III-106	"	"		1				1
319	III-107	"	"						-
320	III-108	"	"		1				1

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	P.C	M.C	C.C	V.C.C	Total
321	III-109	30 - 85	S. Berangkai		6				6
322	III-110	35 - 85	S. Sebintik						-
323	III-111	"	"						-
324	III-112	15 - 85	S. Semidang		4				4
325	III-113	"	"	6					6
326	III-114	"	"		2				2
327	III-115	"	"						-
328	IV - 1	20 - 75	S. Mempawah		5				5
329	IV - 2	"	"		2				2
330	IV - 3	"	"		3				3
331	IV - 4	"	S. Pehen						-
332	IV - 5	15 - 80	S. Bumbung						-
333	IV - 6	"	"						-
334	IV - 7	"	"						-
335	IV - 8	"	"						-
336	IV - 9	"	"						-
337	IV - 10	"	"						-
338	IV - 11	"	"						-
339	IV - 12	"	"						-
340	IV - 13	"	"						-
341	IV - 14	"	"						-
342	IV - 15	"	"		2				2
343	IV - 16	"	"						-
344	IV - 17	20 - 80	"						-
345	IV - 18	15 - 80	"						-
346	IV - 19	"	"		1				1
347	IV - 20	20 - 80	"						-
348	IV - 21	"	"						-
349	IV - 22	"	"						-
350	IV - 23	"	"						-
351	IV - 24	"	"						-
352	IV - 25	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	Total
353	IV - 26	20 - 80	S. Bumbung						-
354	IV - 27	"	"						-
355	IV - 28	"	"						-
356	IV - 29	"	"						-
357	IV - 30	"	"						-
358	IV - 31	"	"						-
359	IV - 32	"	"						-
360	IV - 33	"	"						-
361	IV - 34	"	"						-
362	IV - 35	"	"						-
363	IV - 36	25 - 75	S. Pehen						-
364	IV - 37	"	"						-
365	IV - 38	"	"						-
366	IV - 39	"	"						-
367	IV - 40	30 - 80	S. Alan						-
368	IV - 41	"	"						-
369	IV - 42	"	"						-
370	IV - 43	"	S. Semade		2	1	7		10
371	IV - 44	"	S. Jelayan		4	1			5
372	IV - 45	25 - 80	"		2				2
373	IV - 46	"	"						-
374	IV - 47	30 - 80	S. Semade		5				5
375	IV - 48	"	"		1	3			4
376	IV - 49	"	"		7				7
377	IV - 50	"	S. Maha						-
378	IV - 51	"	S. Semade						-
379	IV - 52	"	"		2				2
380	IV - 53	"	"						-
381	IV - 54	"	"		9	4			13
382	IV - 55	"	"		30	2	1		33
383	IV - 56	"	"		1	1			2
384	IV - 57	"	"		40	3	1		44

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	N.C	C.C	V.C.C	Total
385	IV - 58	30 - 80	S. Semade		4				4
386	IV - 59	"	"		1				1
387	IV - 60	"	S. Maha		4				4
388	IV - 61	"	"		3				3
389	IV - 62	"	"		3	2			5
390	IV - 63	25 - 80	"		13	1			14
391	IV - 64	"	"		65				65
392	IV - 65	"	"		2				2
393	IV - 66	30 - 80	S. Hala		4	1			5
394	IV - 67	"	"		4				4
395	IV - 68	"	S. Laba		1				1
396	IV - 69	"	S. Santong		11				11
397	IV - 70	35 - 80	S. Lolang						-
398	IV - 71	"	"						-
399	IV - 72	"	"						-
400	IV - 73	"	"						-
401	IV - 74	"	"						-
402	IV - 75	30 - 80	"						-
403	IV - 76	"	"						-
404	IV - 77	"	"						-
405	IV - 78	35 - 80	S. Sebintik		1				1
406	IV - 79	"	"						-
407	IV - 80	"	"						-
408	IV - 81	"	"						-
409	IV - 82	"	"						-
410	IV - 83	30 - 80	"						-
411	IV - 84	"	"		2				2
412	IV - 85	"	"		1				1
413	IV - 86	"	S. Teriak						-
414	IV - 87	"	"						-
415	IV - 88	"	"						-
416	IV - 89	"	S. Benteng						-

Serfal No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.F.C	P.C	M.C	C.C	V.C.C	
417	IV - 90	30 - 80	S. Benteng						-
418	IV - 91	"	"						-
419	IV - 92	"	"						-
420	IV - 93	"	"						-
421	IV - 94	"	"						-
422	IV - 95	"	"						-
423	IV - 96	"	"						-
424	IV - 98	"	S. Teriak						-
425	IV - 99	"	"						-
426	IV -100	"	"						-
427	IV -101	"	"						-
428	IV -102	"	"						-
429	IV -103	"	"						-
430	IV -104	"	"						-
431	IV -105	35 - 80	S. Sebintik		3				3
432	IV -106	"	"						-
433	IV -107	"	"				1		1
434	IV -108	35 - 85	S. Setanga				1		1
435	IV -109	"	"			1			1
436	IV -110	"	"				2		2
437	IV -111	30 - 85	"						-
438	IV -112	"	"				1		1
439	IV -113	35 - 80	S. Teriak						-
440	IV -114	30 - 80	"			1			1
441	IV -115	"	"						-
442	IV -116	"	"			1			1
443	IV -117	"	"						-
444	IV -118	"	"		2				2
445	IV -119	"	"		4				4
446	IV -120	"	"						-
447	IV -121	"	"						-
448	IV -122	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.F.C	F.C	M.C	C.C	V.C.C	
449	IV -123	20 - 75	S. Mempawah						20
450	IV -124	"	"						10
451	IV -125	25 - 75	"						4
452	IV -126	25 - 80	"						1
453	IV -127	"	"						4
454	IV -128	"	"						1
455	IV -129	"	"						-
456	IV -130	"	"						6
457	IV -131	"	"						3
458	IV -132	"	"						2
459	IV -133	"	"						70
460	IV -134	"	"						-
461	IV -135	20 - 80	"						-
462	IV -136	"	"						-
463	IV -137	25 - 80	"						-
464	IV -138	20 - 75	S. Sakung						8
465	IV -139	20 - 80	"						3
466	IV -140	"	"						-
467	IV -141	"	"						1
468	IV -142	"	"						5
469	IV -143	"	"						-
470	IV -144	"	"						1
471	IV -145	20 - 75	S. Mempawah						-
472	IV -146	"	"						1
473	IV -147	"	S. Pehen						5
474	IV -148	"	"						-
475	IV -149	"	"						2
476	IV -150	"	"						1
477	IV -151	25 - 75	"						3
478	IV -152	"	"						1
479	IV -153	"	"						1
480	IV -154	"	"						3

Serial No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	
481	IV -155	25 - 75	S. Pehen						1
482	IV -156	"	"						-
483	IV -157	"	"						-
484	IV -158	"	"						-
485	IV -159	"	"						-
486	IV -160	30 - 80	S. Menyuke						-
487	IV -161	25 - 80	"						1
488	IV -162	"	"						-
489	IV -163	"	"						-
490	IV -164	"	"						-
491	IV -165	"	"						-
492	IV -166	"	"						-
493	IV -167	"	"						-
494	IV -168	"	S. Selimut						-
495	IV -169	25 - 75	"						-
496	IV -170	"	"						1
497	IV -171	"	"						-
498	IV -172	25 - 80	S. Menyuke						-
499	V - 1	25 - 65	S. Sailo						-
500	V - 2	25 - 70	S. Tahuban		7				??
501	V - 3	"	"						-
502	V - 4	"	"						-
503	V - 5	"	"						-
504	V - 6	"	"						-
505	V - 7	"	"						-
506	V - 8	"	"						-
507	V - 9	25 - 65	S. Kerasik						-
508	V - 10	"	"						-
509	V - 11	25 - 70	"						-
510	V - 12	"	"						-
511	V - 13	"	"						-
512	V - 14	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	Total
513	V - 15	25 - 70	S. Sallo						-
514	V - 16	"	"						-
515	V - 17	"	"						-
516	V - 18	"	"						-
517	V - 19	"	"						-
518	V - 20	"	S. Tahuban						-
519	V - 21	"	"						-
520	V - 22	30 - 65	S. Saur						-
521	V - 23	"	"						-
522	V - 24	25 - 65	"						-
523	V - 25	"	"						-
524	V - 26	30 - 65	S. Sembuang						-
525	V - 27	"	"						-
526	V - 28	"	"						-
527	V - 29	25 - 65	"						-
528	V - 30	30 - 65	"						-
529	V - 31	"	"						-
530	V - 32	"	"						-
531	V - 33	"	S. Beguru						-
532	V - 34	"	"						-
533	V - 35	"	"						-
534	V - 36	30 - 60	"						-
535	V - 37	"	"						-
336	V - 38	30 - 65	S. Sembuang						-
337	V - 39	30 - 60	"						-
338	V - 40	30 - 65	"						-
339	V - 41	"	"						-
540	V - 42	"	"						-
541	V - 43	30 - 70	"						-
542	V - 44	"	"						-
543	V - 45	30 - 65	"						-
544	V - 46	30 - 70	S. Sari						-

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	Total
545	V - 47	30 - 70	S. Sari		1				1
546	V - 48	30 - 65	"						-
547	V - 49	"	"		4				4
548	V - 50	"	"		2				2
549	V - 51	"	"						-
550	V - 52	30 - 70	S. Sembuang						-
551	V - 53	"	S. Karaban						-
552	V - 54	"	"						-
553	V - 55	"	"						-
554	V - 56	"	"						-
555	V - 57	"	S. Minang						-
556	V - 58	"	"		2		1		3
557	V - 59	25 - 75	S. Setona		6	3	1		10
558	V - 60	"	"		4				4
559	V - 61	"	"		2				2
560	V - 62	30 - 75	"		1				1
561	V - 63	"	"		1				1
562	V - 64	"	"						-
563	V - 65	"	"						-
564	V - 66	"	"						-
565	V - 67	"	"						-
566	V - 68	25 - 70	S. Sailo		1	1			2
567	V - 69	"	"		1				1
568	V - 70	"	"						-
569	V - 71	"	"						-
570	V - 72	"	"						-
571	V - 73	"	"						-
572	V - 74	25 - 65	S. Anau		1				1
573	V - 75	"	"						-
574	V - 76	"	"			1			1
575	V - 77	"	"		8				8
576	V - 78	"	S. Sailo		1				1

Serial No.	Sample No.	Location		Number of gold grain					Total
		Grid on map	River or Creek	V.F.C	F.C	H.C	C.C	V.C.C	
577	V - 79	25 - 65	S. Bala						-
578	V - 80	"	"	3					3
579	V - 81	"	"						-
580	V - 82	"	S. Sallo		3				3
581	V - 83	"	"						-
582	V - 84	"	"						-
583	V - 85	30 - 65	S. Aja						-
584	V - 86	"	"						-
585	V - 87	"	"						-
586	V - 88	"	"						-
587	V - 89	"	"						-
588	V - 90	"	"						-
589	V - 91	"	"						-
590	V - 92	"	"						-
591	V - 93	"	"						-
592	V - 94	"	"						-
593	V - 95	"	"						-
594	V - 96	"	"	3					3
595	V - 97	30 - 60	"						-
596	V - 98	"	"						-
597	V - 99	"	"						-
598	V -100	"	"						-
599	V -101	"	"						-
600	V -102	30 - 65	S. Padup	1					1
601	V -103	"	"						-
602	V -104	40 - 70	S. Hinang	9					9
603	V -105	40 - 75	S. Menyuke						-
604	V -106	30 - 75	"			1			1
605	V -107	"	"	3					3
606	V -108	"	S. Setona						-
607	V -109	30 - 70	S. Janing						-
608	V -110	"	"						-

Serial No.	Sample No.	Location		Number of gold grain					
		Grid on map	River or Creek	V.F.C	F.C	M.C	C.C	V.C.C	Total
609	V -111	30 - 70	S. Janing						-
610	V -112	"	"		1	1			2
611	V -113	"	"						-
612	V -114	"	"						-
613	V -115	"	"						-
614	V -116	"	S. Karaban		2				2
615	V -117	"	"						-
616	V -118	"	"						-
617	V -119	"	"						-
618	V -120	"	S. Hinang					2	2
619	V -121	"	"						-
620	V -122	25 - 75	S. Kunyit		4	1			5
621	V -123	"	"						-
622	V -124	"	"						-
623	V -125	"	"		1	1			2
624	V -126	"	S. Selmat			8			8
625	V -127	"	"		11				11
626	V -128	30 - 75	S. Menyuke	9					9
627	V -129	"	S. Setona						-
628	V -130	"	"						-
629	II-120/2	30 - 90	S. Selayu			101	11		112

Appendix 10 Radioactive Readings

Serial No.	Sample No.	Location		Measurement Value (µR/h)	Background Value (µR/h)	Remarks
		Grid on map	River or Creek			
1	I - 1	15 - 95	S. Melabu	3	1	
2	I - 2	"	"	5	4	
3	I - 3	15 -100	"	7	6	
4	I - 4	"	"	6	5	
5	I - 5	15 - 95	S. Sansak	6	5	
6	I - 6	"	"	6	5	
7	I - 7	"	S. Semoa Karuh	8	5	
8	I - 8	"	S. Semoa Tapang	2	1	
9	I - 9	"	S. Sansak	3	2	
10	I - 10	"	S. Semoa Karuh	1	1	
11	I - 11	20 - 95	"	1	1	
12	I - 12	15 - 95	S. Semoa Tapang	4	3	
13	I - 13	"	"	4	3	
14	I - 14	15 - 90	S. Buluh	3	3	
15	I - 15	"	S. Sepai	3	3	
16	I - 16	"	"	5	3	
17	I - 17	20 - 90	"	4	3	
18	I - 18	20 - 95	"	6	4	
19	I - 19	"	"	4	4	
20	I - 20	20 - 90	S. Side	4	3	
21	I - 21	"	"	6	4	
22	I - 22	"	"	6	5	
23	I - 23	15 - 90	S. Mau	5	3	
24	I - 24	"	"	6	5	
25	I - 25	"	"	6	5	
26	I - 26	"	"	7	6	
27	II - 1	25 -100	S. Ledo	6	5	
28	II - 2	"	S. Bamua	6	5	
29	II - 3	"	"	6	5	
30	II - 4	20 -100	"	8	6	
31	II - 5	"	"	6	5	
32	II - 6	"	"	6	5	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
33	II - 7	20 -100	S. Bamua	5	4	
34	II - 8	"	"	7	5	
35	II - 9	"	"	7	5	
36	II - 10	"	"	10	5	
37	II - 11	25 -100	S. Banan	6	4	
38	II - 12	"	"	5	4	
39	II - 13	20 -100	"	6	4	
40	II - 14	"	"	4	4	
41	II - 15	"	"	4	3	
42	II - 16	"	"	2	2	
43	II - 17	"	"	4	2	
44	II - 18	25 - 95	S. Ledo	15	5	
45	II - 19	"	"	7	6	
46	II - 20	"	"	7	5	
47	II - 21	"	"	7	5	
48	II - 22	"	"	10	7	
49	II - 23	"	"	10	7	
50	II - 24	20 -100	S. Bamua	12	5	
51	II - 25	"	"	10	5	
52	II - 26	"	"	6	6	
53	II - 27	"	"	10	5	
54	II - 28	"	"	12	7	
55	II - 29	"	"	12	7	
56	II - 30	"	"	9	5	
57	II - 31	"	"	10	7	
58	II - 32	20 - 95	"	7	6	
59	II - 33	"	"	11	5	
60	II - 34	"	"	12	7	
61	II - 35	20 -100	"	11	7	
62	II - 36	"	"	39	11	
63	II - 37	20 - 95	"	8	7	
64	II - 38	"	"	13	9	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
65	II - 39	20 - 95	S. Banua	12	9	
66	II - 40	"	"	14	9	
67	II - 41	25 -100	S. Ledo	6	5	
68	II - 42	"	"	10	4	
69	II - 43	"	S. Lumar	5	5	
70	II - 44	30 - 90	S. Sebalau	12	7	
71	II - 45	20 - 95	S. Sirih	10	5	
72	II - 46	"	"	12	5	
73	II - 47	"	"	10	6	
74	II - 48	"	"	11	5	
75	II - 49	"	"	11	5	
76	II - 50	"	"	7	5	
77	II - 51	"	"	14	6	
78	II - 52	"	"	12	5	
79	II - 53	"	"	10	6	
80	II - 54	"	"	12	5	
81	II - 55	"	"	12	6	
82	II - 56	"	"	10	7	
83	II - 57	"	"	6	5	
84	II - 58	20 - 95	S. Ledo	5	2	
85	II - 59	"	"	6	5	
86	II - 60	25 -100	S. Lumar	5	2	
87	II - 61	20 -100	S. Banan	4	4	
88	II - 62	"	"	4	2	
89	II - 63	"	"	4	2	
90	II - 64	"	"	4	2	
91	II - 65	"	"	5	2	
92	II - 66	25 -100	S. Cebol	7	2	
93	II - 67	"	"	7	2	
94	II - 68	25 - 95	S. Sedate	5	3	
95	II - 69	"	"	7	5	
96	II - 70	"	"	7	5	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
97	III- 1	15 - 85	S. Mau	20	10	
98	III- 2	"	S. Liu	10	10	
99	III- 3	"	S. Pesune	10	10	
100	III- 4	"	S. Liu	5	5	
101	III- 5	20 - 85	S. Rasau	1	1	
102	III- 6	"	S. Moroi	2	2	
103	III- 7	"	S. Ketapang	20	20	
104	III- 8	"	S. Kelau	5	5	
105	III- 9	25 - 90	Seburuk	10	10	
106	III- 10	"	S. Sekong	5	5	
107	III- 11	30 - 90	S. Sebalau	9	6	
108	III- 12	25 - 85	"	3	2	
109	III- 13	30 - 85	"	4	4	
110	III- 14	25 - 85	"	6	6	
111	III- 15	"	"	6	6	
112	III- 16	"	"	6	6	
113	III- 17	"	S. Tel Nam	5	3	
114	III- 18	"	"	3	3	
115	III- 19	"	"	3	3	
116	III- 20	"	"	4	3	
117	III- 21	"	S. Boni	8	5	
118	III- 22	"	"	8	6	
119	III- 23	"	"	8	6	
120	III- 24	"	"	8	5	
121	III- 25	25 - 80	"	8	6	
122	III- 26	25 - 85	"	10	8	
123	III- 27	"	S. Melunu	8	6	
124	III- 28	30 - 85	S. Benawan	10	6	
125	III- 29	"	"	6	5	
126	III- 30	30 - 80	"	9	5	
127	III- 31	30 - 85	"	10	8	
128	III- 32	"	"	9	7	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
129	III- 33	35 - 85	Pelahi	10	8	
130	III- 34	25 - 90	S. Sekong	11	10	
131	III- 35	25 - 85	S. Durian	5	4	
132	III- 36	"	S. Boni	7	6	
133	IV - 1	20 - 75	S. Mempawah	3	1	
134	IV - 2	"	"	8	4	
135	IV - 3	"	"	5	3	
136	IV - 4	15 - 80	S. Bumbang	5	3	
137	IV - 5	"	"	2	3	
138	IV - 6	"	"	4	3	
139	IV - 7	"	"	2	1	
140	IV - 8	"	"	5	3	
141	IV - 9	30 - 80	S. Senade	5	4	
142	IV - 10	25 - 80	"	4	2	
143	IV - 11	30 - 80	"	7	5	
144	IV - 12	"	"	4	2	
145	IV - 13	"	"	5	4	
146	IV - 14	"	"	4	3	
147	IV - 15	"	"	6	4	
148	IV - 16	"	S. Benteng	5	4	
149	IV - 17	"	S. Senade	4	3	
150	IV - 18	"	"	5	4	
151	IV - 19	"	"	5	3	
152	IV - 20	"	S. Maha	7	5	
153	IV - 21	"	"	5	4	
154	IV - 22	"	"	4	3	
155	IV - 23	25 - 80	"	4	3	
156	IV - 24	"	"	3	2	
157	IV - 25	35 - 80	S. Lolang	5	3	
158	IV - 26	30 - 80	"	6	5	
159	IV - 27	"	"	6	4	
160	IV - 28	"	S. Sebintik	4	3	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
161	IV - 29	30 - 80	S. Sebintik	5	4	
162	IV - 30	35 - 80	S. Teriak	2	2	
163	IV - 31	30 - 80	"	1	1	
164	IV - 39	"	"	3	3	
165	IV - 40	"	"	4	3	
166	IV - 41	"	S. Benteng	4	3	
167	IV - 42	"	"	4	4	
168	IV - 43	"	"	3	2	
169	IV - 44	"	"	3	2	
170	IV - 45	"	"	3	2	
171	IV - 46	"	"	6	5	
172	IV - 47	"	"	5	4	
173	IV - 48	"	"	4	3	
174	IV - 49	"	S. Teriak	3	2	
175	IV - 50	"	"	4	3	
176	IV - 51	"	"	3	3	
177	IV - 52	"	"	4	3	
178	IV - 53	"	"	4	3	
179	IV - 54	"	"	4	4	
180	IV - 55	"	"	3	2	
181	IV - 56	"	"	3	2	
182	IV - 57	"	"	3	2	
183	IV - 58	"	"	3	2	
184	IV - 59	35 - 80	S. Sebintik	2	1	
185	IV - 60	35 - 85	"	2	1	
186	IV - 61	"	S. Setanga	2	1	
187	IV - 62	"	"	2	2	
188	IV - 63	"	"	2	2	
189	IV - 64	"	"	2	2	
190	IV - 65	30 - 85	"	2	2	
191	IV - 66	35 - 85	"	3	2	
192	IV - 67	"	"	3	2	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
193	IV - 68	35 - 85	S. Setanga	3	2	
194	IV - 69	"	"	3	2	
195	IV - 70	"	"	2	2	
196	IV - 71	20 - 75	S. Mempawah	4	2	
197	IV - 72	"	"	3	2	
198	IV - 73	"	"	7	5	
199	IV - 74	25 - 75	"	5	3	
200	IV - 75	"	"	4	4	
201	IV - 76	"	"	8	6	
202	IV - 77	"	"	8	5	
203	IV - 78	"	"	6	5	
204	IV - 79	25 - 80	"	5	4	
205	IV - 80	"	"	7	5	
206	IV - 81	"	"	7	7	
207	IV - 82	"	"	6	5	
208	IV - 83	"	"	6	5	
209	IV - 84	"	"	8	5	
210	IV - 85	"	"	8	6	
211	IV - 86	"	"	7	5	
212	IV - 87	"	"	6	5	
213	IV - 88	"	"	6	5	
214	IV - 89	"	"	4	3	
215	IV - 90	"	"	6	5	
216	IV - 91	"	"	4	2	
217	IV - 92	"	"	4	3	
218	IV - 93	"	"	5	4	
219	IV - 94	"	"	4	3	
220	IV - 95	"	"	5	4	
221	IV - 96	"	"	2	2	
222	IV - 97	"	"	3	3	
223	IV - 98	20 - 80	"	3	2	
224	IV - 99	20 - 75	S. Sakung	7	4	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
225	IV -100	20 - 75	S. Sakung	7	5	
226	IV -101	20 - 80	"	6	5	
227	IV -102	"	"	4	3	
228	IV -103	"	"	5	4	
229	IV -104	"	"	6	5	
230	IV -105	"	"	6	5	
231	IV -106	20 - 75	S. Pehen	9	6	
232	IV -107	"	"	2	2	
233	IV -108	"	"	9	7	
234	IV -109	"	"	3	2	
235	IV -110	25 - 75	"	2	2	
236	IV -111	"	"	2	1	
237	IV -112	"	"	2	2	
238	IV -113	"	"	4	3	
239	IV -114	"	"	3	2	
240	IV -115	"	"	4	3	
241	IV -116	"	"	4	4	
242	IV -117	20 - 75	"	2	2	
243	V - 1	25 - 65	S. Sailo	5	4	
244	V - 2	"	"	3	3	
245	V - 3	"	S. Tahuban	7	5	
246	V - 4	25 - 70	"	4	3	
247	V - 5	"	"	8	7	
248	V - 6	"	"	7	5	
249	V - 7	25 - 65	S. Kerasik	8	6	
250	V - 8	"	"	1	1	
251	V - 9	"	"	1	1	
252	V - 10	"	"	1	1	
253	V - 11	25 - 70	S. Sailo	5	3	
254	V - 12	"	"	6	5	
255	V - 13	"	"	8	6	
256	V - 14	"	"	8	5	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
257	V - 15	25 - 70	S. Sailo	7	5	
258	V - 16	"	S. Tahuban	7	11	
259	V - 17	"	"	9	8	
260	V - 18	"	"	8	7	
261	V - 19	"	"	9	5	
262	V - 20	"	"	6	5	
263	V - 21	30 - 65	S. Saur	5	3	
264	V - 22	"	"	4	3	
265	V - 23	"	S. Sembuang	3	3	
266	V - 24	"	"	7	5	
267	V - 25	"	"	9	5	
268	V - 26	25 - 65	"	9	5	
269	V - 27	30 - 65	"	5	4	
270	V - 28	"	"	6	5	
271	V - 29	"	"	8	5	
272	V - 30	"	"	3	3	
273	V - 31	"	S. Beguru	9	5	
274	V - 32	30 - 60	"	8	5	
275	V - 33	30 - 65	S. Sembuang	8	5	
276	V - 34	"	"	5	4	
277	V - 35	"	"	8	5	
278	V - 36	30 - 60	"	7	7	
279	V - 37	30 - 65	"	5	3	
280	V - 38	30 - 70	"	6	4	
281	V - 39	"	"	4	3	
282	V - 40	"	"	5	4	
283	V - 41	35 - 70	"	7	4	
284	V - 42	"	S. Sari	3	3	
285	V - 43	30 - 65	"	3	3	
286	V - 44	"	"	6	3	
287	V - 45	"	"	6	4	
288	V - 46	30 - 70	S. Karaban	3	2	

Serial No.	Sample No.	Location		Measurement Value(μ R/h)	Background Value(μ R/h)	Remarks
		Grid on map	River or Creek			
289	V - 47	30 - 70	S. Karaban	3	2	
290	V - 48	"	"	5	3	
291	V - 49	"	"	6	4	
292	V - 50	"	"	5	3	
293	V - 51	"	S. Minang	6	3	
294	V - 52	"	"	5	3	
295	V - 53	"	"	3	3	
296	V - 54	"	"	3	3	
297	V - 55	25 - 75	S. Setona	3	3	
298	V - 56	"	"	5	4	
299	V - 57	"	"	4	3	
300	V - 58	"	"	8	5	
301	V - 59	30 - 75	"	5	4	
302	V - 60	"	S. Selikut	3	2	
303	V - 61	25 - 75	"	5	3	
304	V - 62	"	"	7	5	
305	V - 63	"	"	4	3	
306	V - 64	"	"	5	3	
307	V - 65	"	"	10	5	
308	V - 66	"	"	8	5	
309	V - 67	"	"	8	5	
310	V - 68	30 - 75	S. Menyuke	5	4	
311	V - 69	"	S. Setona	3	3	
312	V - 70	"	"	8	5	
313	V - 71	"	"	3	3	
314	V - 72	"	"	6	3	
315	V - 73	"	"	6	3	
316	V - 74	"	"	4	3	
317	V - 75	"	"	3	3	
318	V - 76	"	"	6	2	
319	V - 77	"	"	5	2	

