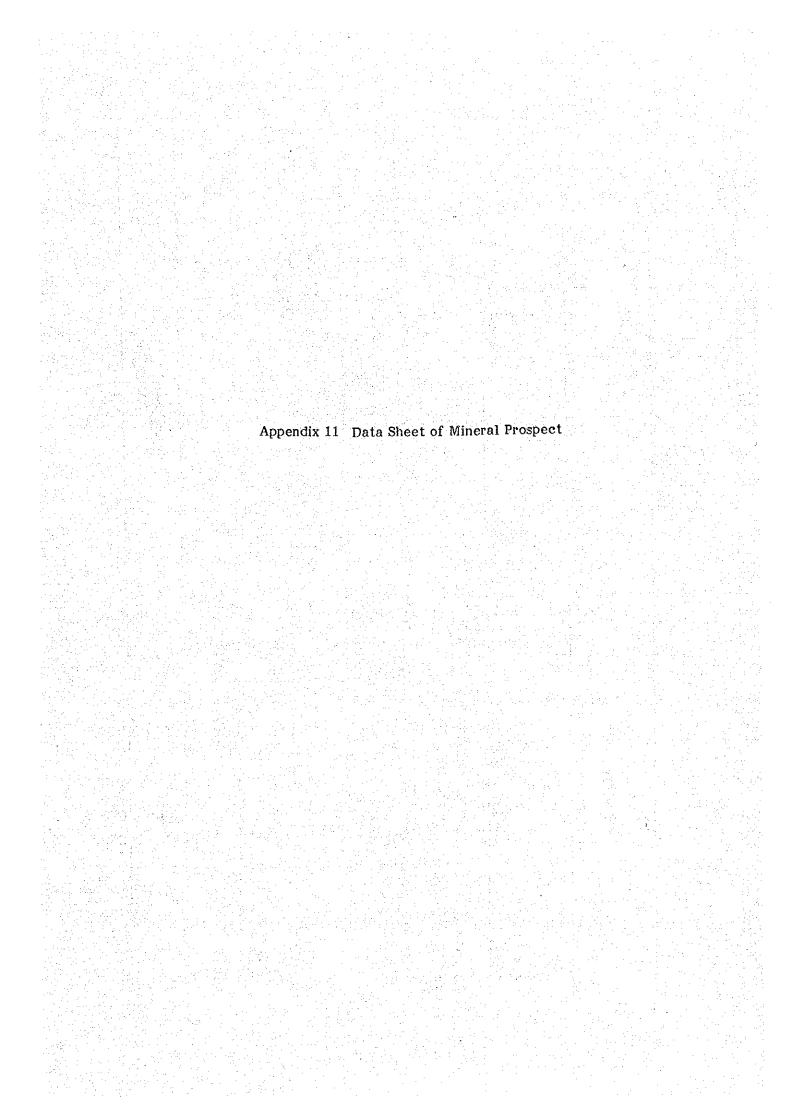


**24 区 鉄鉱地間巻ルートマップ及びスケッチ** 



Appendix

figure 3, Data sheet	t for Mineral Prospects(L)			•				-
Survey	CAS CHROME WASAYAN I	Miner	Mineral Prospects No.	l (Palanan)	u)			
Locality	1/50,000 Topografic 3469I	X * Coodinates	5,100	√ * Coodinates	9,400	Altitud	39.0	* (E)
Surve years years	May, 30, '86	* Surveier	T. FUI	FUKASAWA, A. CABANTOG	rog			
Compiling (file No.)		Owner of mining right	t CAS CHROME	HOME				
Metallogenic province		Type of Ore Deposits	Layered	7	Country rock of Dre Deposits	* J	Dunite	
One mineral	by field observootion.* Chromite Garnierite (Minor)	λ'a	micro-scope		by x-Ray	by x-Ray diffraction		
Cangue mineral	by field observootion Serpentine Calcite	À A	micro-scope		by x-Ray	by x-Ray diffraction		
Alternation mineral Assemblage	by field observootion* Serpentine	20	micro-scope		by x-Ray	diffraction		
Convination of country rocks	Fyroxene- Peridotite, Dunite	, Dunite						-

Figure 3, Data sheet for Mineral Prospects (II)

	10	ty of fo- Follow up survey is survey is E needless	E)	- G	ore from 1983 totaling omite lense is 2 m in width
	Other Fossils	Ne cessity llow up sur low	=	=	chrome
		A	А	Ú	
Other Methode		ity of p survey ble			~ ~ ~
OE		Possibility follow up sis reliable	Ξ		nine in Palanan Ahipping.  laterite zone.  n laterite zone.  ore Grade; 48 %  r thin (20 - 30
		D D	ပ	U	ine in Pe hipping. laterite oed rock a n laterit
	, ,,,,	Necessity of fo- llow up survey is high	=	=	operating m - 2,000 t/s Chromite in k hromite in k nt for ore i nc./ month, s relatively shape.
		М	щ	щ	the onlith 1,500 Granular Massive (shing plans of consequents).
K. Ar Methode	Radioraria	Necessity of follow up sur- vey is highest	Ξ	. =	This mine is the only 9 shipping with 1,300 Granular Ore type; Massive C * Washing pla Production; 400 t co The chromite lense; and shows irregular
		· 🛪	¥	. ∢	EI 0)
Age Determination	Investigation of Fossils	Spot Investiga- tion	Results of Geochemical & other analysis	Summerized Evaluation	er specially Mentions
De ţ.	Invi		tion for	Evaluat Ore Pro	Other

figure 3, Data sheet	t for Mineral Prospects(L)	Mineral Prospects	ct w	
Survey	VAS, CAROME WASAYAN 2	-	2 (Palanan)	
Locality	1,50,000 Topografic 3469I map No.	X * Chodinates 5,500	Y * Coodinates	9,800 Altitud 405 (m)
Survey *	May, 30, 1986	Surveier I	T. FUKASAWA, A. CAB	CABANTOG
Gensiling (file No.)		Cuner of mining right	CAS CHROME	
Metallogenic province		Type of Ore Deposits Layered	red	Country rock of Dunite
One mineral	by field observootion.* Chromite	by micro-scope	<b>9</b> Q.	by x-Ray diffraction
Gangue mineral	by field observootion. Serpentine	by micro-scope	<b>9</b>	by x-Ray diffraction
Alternation mineral	by field observootion* Serpentine	by micro-scope	e d	by x-Ray diffraction
* Consination of country rocks	Pyroxene-Peri	Pyroxene-Peridotite, Dunite		

Follow up survey is The rock has been weathered to laterite soil almost all the area, and saprolite zone is limited to small area in the center of the pit. E |needless Mine operation suspended due to the depretion of ore. No chromite lens was observed. ß G) llow up survey is Ne cessity of fod Other Fossils А Ω А follow up survey is reliable Methode Possibility of Other llow up survey is (c. high O O Nanno-Plankton Necessity of fo-Figure 3, Data sheet for Mineral Prospects (II) മ മ ďΩ follow up survey is highest Necessity of Radioraria Methode K- Ar ⋖ Geochemical Evaluation Results of Investiga-Summerized Other specially Investigation Determination analysis & other Spot Mentions Possils Evaluation for Ore Prospects

Appendix

figure 3, Data sheet	${\sf t}$ for Mineral Prospects(L)							·
Survey area	DIMAKAWAL	Mineral No	al Prospects No.	3 (Pe	(Palanan)	:		
* Locality	1/50,000 Topografic 3469IV map No.	X * Coodinates	21,750	Y * Coodinates	8,250	Altitud		820 (m)
Survey *	June, 8, '86 June, 10, '86	Surveier	I, FUI	FUKASAWA, S. BA	BAPTISTA		* ·	
Gamuiling Gatailing (file No.)		Owner of Mining right		Black Rock Mining Corp. Acoje Mining.	·dro,			
Metallogenic province		Type of Ore Deposits	Strata bound Vein type	nd and	Country rock Ore Deposits	rock of *	Pillow	basalt
One mineral Assemblage	by field observootion.* Mn; Frimary Manganese Ore Secondary Manganese Or Cu; Chalcopyrite, Bounite, Azurite, Malacite and	Ore e Ore ite, and Pyrite	micro-scope		by x-Ray	diffraction	ion	
Gangue mineral Assemblage	by field observootion. Quartz, Hematite, Goethite Limonite.	by prite and	micro-scope		by x-Ray	diffraction	not	
Alternation mineral Assemblage	by field observootion* Silicification, Pyritization	by	micro-scope		by x-Ray	diffraction	u o	
Consination of country rocks	Tiffucious sediment at	the top of	the deposit.					

Figure 3, Data sheet for Mineral Prospects (II)

		ty of fo- Follow up survey is survey is E needless	<b>=</b>	= El	posit, Because of its close aceous sediment and accompanied auriferous. Quartz vein has been primary manganese mineral and
	Other Fossils	Ne cessity 110w up su 10w	=	е.	opper de by tuff nem are spot of
Other Methode		Possibility of follow up survey is reliable	#	Ξ	t they are covon and some the vein cracin upper level
	no- kton	) \$i	U	U	that of t flows, b ins are cate alon observed observed is mair
	Nanno- Planktor	Necessity of f	=	=	osit resembles h pillow basal Some quartz ( which precip ein systems an dip; " " 2 dip; " 1 that lower lev secondary mane
K- Ar Methode	Radioraria	Necessity of follow up survey is highest	=	=	This type depos association with by quartz veins. mined for gold ( Three of the veil 1. NIOE, 90° d 2 N4OE 50°S 3 NIOE 90° d It is assumed thupper level is se
Age Determination	Investigation of Fossils	₹	Results of Geochemical A & other analysis	Summerized Evaluation A	Other specially Mentions
Deter	Inves			ore Pro	Other

figure 3, Data sheet	t for Mineral Prospects(I)	ts(I)				•	
Survey	DINAPIQUI RIVER Upstream	Miner	al Prospects No.	4 (Pa	(Palanan)		
Locality	1/50,000 Topografic 3469IV map No.	X * Coodinates	22,250	v * Coodinates	10,800	Altitud	(m) (m)
Survey	June, 9, '86	* Surveier	E	FUKASAWA			
Sampiling (file No.)		Owner of mining right					
Metallogenic province		Type of Ore Deposits	Vei	Vein type	Country rock Ore Deposits	*,,	Basalt
Cne mineral Assemblage	by field observootion.* Pyrite, Chalcopyrite	n* /rite	micro-scope		by x-Ray	diffraction	
Gangue mineral Assemblage	by field observootion.	λq. *u	micro-scope		by x-Ray	by x-Ray diffraction	
Alternation mineral	by field observootion*	, o o o o	micro-scope		by x-Ray	diffraction	
Contination of country rocks	Basalt						:

Figure 3, Data sheet for Mineral Prospects (II)

	-														-
Age Determination	<b></b>	K- Ar Methode						Other Methode		:		·			
Investigation of Fossils	RE	Radioraria	1		Nanno- Plankton	<u> </u>					Other Fossils				
Spot Investiga- tion	A P S	Necessity of follow up sur- vey is highest	pa T p	Necessi llow up high	ity of fo- p survey is	D 87	Pos fol	sibility of low up survey reliable	<del>(1)</del>	Ne 110	ssity up sur	of forvey is	Follow u E needless	ρ,	survey is
<u> </u>	¥	=	щ		=	,O		#	А	,	Ξ.		ല	#	:
Summerized Evaluation	⋖		M		ı.	U		Ξ	A		æ		េជ	=	
	+3	These area two of these	has pre	severa	l quartz 1 quartz v	veir	vein systems I	quartz vein systems near the junction. [uartz vein. The other one has a structu	e jun s a s	nction. Bustructure	But t	these ver	veins are ing of ore	narrow and minerals.	r and
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er specially Mentions		•		÷			·			,					
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Appendix

		490 (m)			Andesite							
-		Altitud			* J O	lay diffraction		by x-Ray diffraction		lay diffraction		
	(Palanan)	16250			Country rock Ore Deposits	by x-Ray	.:	ðy x⊸R		by x-Ray	· · · · · · · · · · · · · · · · · · ·	
	5 (Pal	Y * Coodinates	Fukasawa		Vein type		4		÷.			
	al Prospects No.	500	<u>Б</u>	ديد		micro-scope	·	micro-scope		micro-scope	:	
	Mineral No.	X * Coodinates	* Surveier	Gwner of Mining right	Type of Ore Deposits	γά		λ̈́α		by		
Prospects(I)	) Upstream	3469 I	, 186			ervootion* e	·	observootion.	Ŋ	observootion*		t Ø
sheet for Mineral	DIMATATNO Tributary	1/50,000 Topografic map No.	June 3,			by field observooti. Pyrite		by field obs	Quartz	by field obse	, i	Andesite
ilgure 3, Data sheet	Survey	Locality	Survey *	Combiling (file No.)	Metallogenic province	One mineral	Assemblage	Gangue mineral	Assemblage	Alternation mineral	Assemblage	Convination of country rocks

Figure 5, Data sheet for Mineral Prospects (II)

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		survey			•						
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		ty of survey			tuer			:			
	Other Fossils	ty sur		Ė	3 t i t						
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Other Methode		y of survey e			Quartz				,		
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		ity of up sur- highest	1	1	s q						
ω	7.10	ty up hig			This veins					•	
K- Ar Methode	ora	8 8 8	i	= .	ι α Σ						
K- Ar Metho	Radioraria	Necessity follow up vey is hig	į	!	Thi		٠				
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		<b>*</b>	. d	<b>4</b>	- ::		·	······································			
r c	E C	Spot Investiga- tion	Results of Geochemical & other analysis	Summerized Evaluation			,	>; -			
a tic	a tri	Spot	olts ohen ther	luat				T 61			
Age mina	tige of	Si	Seoc Seoc	ova va			,	pect rott			
Age Determination	Investigation of Fossils				:			otner specially Mentions			
De	H			Ore Pro				7 7 7			
	1	<u>L</u>	Tol noi:	t cu f gva				- ·			

figure 3, Data sheet	t for Mineral	1 Prospects(I)						
Survey	DISAWIT (KANAIPANG	ANG POINT)	Mineral No	al Prospects No.	6 (Pa	(Palanan)		
Locality	1/50,000 Topografic map No.	3470I	X * Coodinates	25,500	Y * Coodinates	16,700	Altitud	3 (B)
Survey Gate	June,	21, '86	* Surveier	T. F.	FUKASAWA			
Sampiling (file No.)			Owner of mining right					
Metallogenic province			Type of Ore Deposits	Layo	Layered	Country rock Ore Deposits	*,;;	Fillow basalt and chert
One mineral Assemblage	by field observoo Manganese Ore ( Massive sul	observootion* nese Ore sive sulphide )	ρλ	micro-scope		by x-Ray	diffraction	
Gangue mineral Assemblage	by field ob Silica	observootion.	Λq	Eloro-soope		by x-Ray	diffraction	
Alternation mineral Assemblage	by field	observootion*	λą	micro-scope		by x-Ray	diffraction	
Consination of country rocks	Pillow b	Pillow basalt, Manganiferous chert	iferous chert					

Figure 3, Data sheet for Mineral Prospects (II)

This showing is located in Area 1 Sulphide minerals former test sampli surface materials.  Area 2. Manganese ore int

Appendix

figure 3, Data sheet	for Mineral	Prospects(I)					-,		
Survey	KANAIPANG HILL	HILL	Mineral No.	al Prospects No.	7 (Palanan)	inan)			
* Locality	1/50,000 Topografic map No.	3470I	X * Cóodinates	21,600	Y * Coodinates 1	14,300	Altitud	100	* (E)
Survey 4	June, 21,	. 98,	* Surveier	E-i	T. FUKASAWA				
Conpiling (file No.)		0 8	Owner of mining right	د					
Metallogenic province			Type of Ore Deposits	Layered		Country rock Dre Deposits	rock of *	Tuff	
One mineral	by field observootion.*	rvootion*	by	micro-scope		by x-Rej	by x-Ray diffraction	uc	
Assemblage	Manganese	9 Ore						:	
Gangue mineral	by field obser	observootion.	ργ	micro-scope		by x-Ra	by x-Ray diffraction	u.	
Assemblage		·							
Alternation mineral	by field obser	observootion*	ŔQ	micro-scope		by x-Ray	/ diffraction	u(	
Assemblage								,	
* Convination of	Silicified tuff,	}	Basalt				:		
country rocks									

Figure 3, Data sheet for Mineral Prospects (II)

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		survey is			areal				
		ا م	=	* ± * *	By the flows.				
		Follow u needless	1		seen. basalt				
		ω	山	<u>ы</u>			•		
		of fo-			ock can be overlying				
	Other Fossils	cessity of w up survey	=	=			:		
	O F4	Ne ce llow low	:			·		·	
		<u>A</u> .	A.	А	a. the ous				
Other Methode	* <u>-</u> *	sibility of low up survey reliable	=	±	m high in flat area. contact zone with the silicified tuffaceous				
	· · · · · · · · · · · · · · · · · · ·	Possibility follow up s is reliable			m high in f contact zor silicified	:			
		U U	<u></u> 0	Ö	e c t 3	•	.*		
	Nanno- Planktor	y of forsurvey is			l up to 3 no direct s expected		. *		
		Necessity llow up s high	=	Ξ	ng is a small hill the vegitation, n e country rock is				
	[ ]	h i i	i i		a si regi				
		ρο	Ω	щ	is a some the country				
,		of sur-			wing of th				. !
K- Ar Methode	Radioraria	Necessity of follow up sur- vey is highest	=	=	This showing Because of the survey, the				
		<del>«</del>	₹	₹	l ·				
Age Determination	Investigation of Fossils	Spot Investiga- tion	ļ	Summerized Evaluation			Other specially Mentions		
Deter	Inves			ore Pro			Other Men		

+	· · · · · · · · · · · · · · · · · · ·	*.	<b> </b>	<del></del>	·	7		 <del> </del>	<u> </u>	r		γ	
		, 140 (m)			Dunite								
		4,400 Altitud	KI		try rock of * Deposits	by x-Ray diffraction		/ x-Ray diffraction		/ x-Ray diffraction			
	8 (Palanan)	r * (coodinates	FUKASAWA, T. KOSEKI			િત્		λq		ÂQ			
- 1	ral Prospects No.	20,500	€-1	a W	Layered	by micro-scope		by micro-scope		by micro-scope			
	Mineral No	X * Coodinates	Surveier	Cwner of mining right	Type of Ore Deposits	0	etic	 į α̃	······································	, <u>o</u>		Pyroxene-peridotite	
Mineral Prospects(L.	DIKAPISAN	1/50,000 Topografic 34701 map No.	June, 29, '86	·		by field observootion.*	Some weakly magnetic Minerals	field observootion. Serpentine		field observootion*	Serpentine	Dunite, Pyroxene	
Data sheet for Mineral		1/50 Topo map						ρλ		λo		* Jo 8X	
11gure 3, Da	Survey	* Locality	Survey Sare	Çerpiling Safa (file No.)	Metallogenic province		assemolage	Gangue mineral	0	Alternation mineral	Assemblage	Convination o	

Figure 3, Data sheet for Mineral Prospects (II)

		p survey is	F .	42	pyroxene-					
		Follow up needless			of					
	Ŋ	ty of fo- survey is E	ಟ	EQ.	major part					
	Other Fossils	Ne cessity llow up sur low	2	=	with the	.e* .e				
		බ	А	А	compared			-	:	
Other Methode		ssibility of low up survey reliable	2	a	complex, com					
		Possibili follow up is reliab	O	O	dunite. ultramafic co			. *		-
	Nanno- Plankton	y of fo- survey is			ed in dun this ultr					
		Necessity llow up su high		Ę.	This outcrop is discovered in Dunite is minor part of this peridotite in this creek.					
		sur- hest B	æ	щ	terop is is mino ite in			-		
K- Ar Methode	Radioraria	Necessity of follow up sur- vey is highest	5	=	This outcr Dunite is					
		<	₹	₹			· · · · · · · · · · · · · · · · · · ·	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
Age Determination	Investigation of Fossils	Spot Investiga-	Results of Geochemical & other analysis	Summerized Evaluation			Other specially Mentions			
De t¢	Inve		ton for spects	Evaluat			Other			

figure 3, Data sheet	t for Mineral Prospects(I)		4			
Survey	DIKADIAOAN	Mineral No.	ral Frospects No.	9 (PALANAN)		
* Locality	1/50,000 . Topografic 347111 map No.	X * Coodinates	21,100	Y * Coodinates	100 Altitud	* (a)
Survey date	July, 3, '86.	* Surveier	E	Koseki , F. G. S	Sajona	
Gompiling (file No.)		Owner of mining right	nt			
Metallogenic province		Type of Ore Deposits		Strata Bound Manganese	Country rock of Ore Deposits	Cherty Sediment
One mineral	by field observootion.* Undifferentated Mn Mineral		by micro-scope		by x-Ray diffraction	u
Assemblage						
Gangue mineral Assemblage	by field observootion. Clay, Chert	Ď	by micro-scope		by x-Ray diffraction	g
Alternation mineral Assemblage	by field observootion* Cherty Sediment	, o	by micro-scope		by x-Ray diffraction	uc
Conbination of country rocks						

Figure 3, Data sheet for Mineral Prospects (II)

Other	Nanno- Plankton	y of fo- Possibility of Ne cessity of fo- Follow up survey is survey is (d) follow up survey by llow up survey is low is reliable low	ж Ф	а Д	highly fracture cherty sediments , chert is usually manganiferous with om trace to abundant. Fracture in chert are sometimes defines by solutions				
	Nanno Plankt	Necessity of for llow up survey high	=	Ξ	rith rt fr	nt effect.			
K- Ar Methode	Radioraria	Necessity of follow up survey is highest	<u>α</u>	<u> </u>	Mn wad alternates with hig the quantity of chert from	with no significant			
Age Determination	Investigation of Fossils	Spot A Investiga- tion	for Results of Geochemical A analysis	ore Pro			Other specially Mentions		

Appendix

figure 3, Data sheet	t for Mineral Prospects(I)			-			
Survey area	GIMED	Mineral I	Prospects	10 (Palanan)	(		
* Locality	1/50,000 . Topografic map No.	X * Coodinates	10,700 Y * Coodinates	nates	10300 Alti	Altitud 200	* (E
Survey *	July, 6, '86.	surveier	T. Koseki,	F. G. Sajona	et.		,
Gampiling (file No.)		Owner of mining right					
Metallogenic province		Type of Ore Deposits	Silicified Zone		Jountry rock Ore Deposits	of * Andesite (Chert?)	
One mineral Assemblage	by field observootion* Pyrite	by mic	micro-scope		by x-Ray diffraction	Traction	
Gangue mineral	by field observootion.	by mic	by micro-scope		by x-Ray diffraction	fraction	
Assemblage	Quartz,Chlorite						
Alternation mineral	by field observootion*	by mic	micro-scope		by x-Ray dif	diffraction	
Assemblage	Pyrite, Quartz, Chlorite	. t.	1 ×				
Consination of country rocks	Hornblende-andesite, (C	(Chert?)					

Figure 3, Data sheet for Mineral Prospects (II)

			***************************************					·					
Age Determination		K- Ar Methode				· .		Other Methode					
Investigation of Fossils		Radioraria			Nanno- Plankton			•		Other Fossils			
Spot Investiga- tion	¥.	Necessity of follow up sur- vey is highest	of sur-B hest	Necessity llow up su high	y of fo- survey is	υ	Possibili follow up is reliab	sibility of low up survey reliable	<b>e</b>	Ne cessity of llow up survey low	ក ខ ខ ទ	Follow up survey needless	si y
	4. d	= '	μ	£		O'.	:	. =	Ð	#	EQ.		
Evaluation  Evaluation	D E	Ξ	<u>m</u>	<b>#</b>		Ü		=	А	17	ы	n	
		Fine disa	semina	dissemination to cl	clasters o	f pyr	ite.ar	e within	silici,	of pyrite are within silicified zone in hormblende andesite	hormblende	andesite	
		and associated cherty mineralization fluids	iated a		ments, cut the	773	and s tents		ornblende an to bedding.	of hormblende andesite carried with lel to bedding. Silicified zone is	carried wit fied zone i	th its pyrite is about 30 m	е в В
	· · · · · · · · · · · · · · · · · · ·	long.											- <del></del>
Other specially Mentions	:												
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figure 3, Data sheet	t for Mineral	l Prospects(I)						
Survey		DIUDENAN		Mineral Prospects No.	ll (Palanan	(		
* Locality	1/50,000 Topografic map No.	3470I	X * Coodinates	10,700	Y * Coodinates	10,300 Altitud		**************************************
Survey date	Jul	July, 7, '86.	Surveier	T. Koseki,	ki, F. G. Sajona	at		
Gamailing (file No.)			Owner of mining right	43				·
Metallogenic province			Type of Ore Deposits		Vein Type	Country rock of Ore Deposits	A	Andesite
One mineral Assemblage	by field observootion Pyrite	servootion*	Λα	micro-scope		by x-Ray diffraction	tion	
Gangue mineral Assemblage	by field ob Quartz,	field observootion Quartz, Chlorite	by	by micro-scope		by x-Ray diffraction	tion	
Alternation mineral Assemblage	by field Pyrit	ield observootion* Pyrite, Quartz, Clay	λα	micro-scope		by x-Ray diffraction	tion	
* Contination of country rocks	Andesite	ø						

Pigure 3, Data sheet for Mineral Prospects (II)

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		fo- Follow up survey is E needless	ស	= (a)	the andesite is fractured	nible ore mineral associ	÷			
	Other Fossils	cessity of f w up survey	=	7	sediments,	ridth. only the discernible				
		Ne D) 11 10,	Д	А	erty	in width is only			٠	
Other Methode		sibility of low up survey reliable	: 4	Ξ	s through c	740 cm Pyrite				
		C FOR	U	U	cut	from	ed zones.			
	Nanno- Plankton	y of fo-			. ~∹	einlets ranging so confined to 1	silicified			
		Necessit 110w up high	=	=		vein	and			: ·
		of sur hest	М	m 	od ev.	l by quart: zones are	she vo	-		
X- Ar Methode	Redioraria	Necessity of follow up sur- vey is highest		2	An intrusive body of	and intruded by quartz Silicified zones are	-ated with the voinlet			
Age Determination	Investigation of Fossils	₹ .		1			Other specially Mentions			
	ļ ři		ton for	Evaluat Ore Pro		<del></del>	o th	<del> </del>	<del></del>	

Appendix figure 3, Data sheet	ppendix figure 3, Data sheet for Mineral Prospects(I)							•
Survey	DIBENELANG	Miner	al Prospects No.	12 (Palanan)	(u1			
Locality	1/50,000 Topografic 3471II map No.	X * Coodinates	9,650	Y * Coodinates	14,200 Al	Altitud	140 -200	* (E
Survey date	May, 31, '86.	* Surveier	E	Koseki, W. Diegor	до			<b>-</b>
Gatailing (file No.)		Owner of mining right	11					
Metallogenic province	Northern Sierra Madre Ultramafic Gomplex	Type of Ore Deposits		Cumulate Gr) Layered	Country rock Ore Deposits	* J o	Serpentinized Dunite	ත්
One mineral Assemblage	by field observootion.* Chromite	ζο.	micro-scope		by x-Ray d	diffraction	uc	
Gangue mineral Assemblage	by field observootion. Olivine Serpentine Pyroxene	þý.	micro-scope		by x-Ra'y di	diffraction	nc	
Alternation mineral Assemblage	by field observootion* Serpentine Talc	Ŕą	micro-scope		by x-Ray di	diffraction	g	
Conbination of country rocks	Srepentinized dunite,	e, Serpentinized	nzed peridoti	peridotite, minor pyroxenite	ri t			

Figure 3, Data sheet for Mineral Prospects (II)

					<u></u>					
Age Determination	K- Ar Methode	In 10de				Other Methode	:			
Investigation of Fossils	Radio	Radioraria		Nanno- Plankton				Other Fossils		
Spot Investiga- tion	A follow up	rty high	Necessit 110w up high	t for survey is	Possibilit follow up is reliabl	ossibility of ollow up survey s reliable	N LL Loi	Ne cessity of fo- llow up survey is low	Follow up survey a E needless	y :s
<del> </del>	Ą	=	= M		Ü	1	Q	#	£ 61	:
Summerized Evaluation	4	۶	E E		O	=	A	æ	z [x]	
	Area is land cobble in dunite settling of The intim dykes and		ally called of massive of he chromite ing formatice relationsher the float	Dibenelang. Two chromite; and tayer in site on probably in thips of the durits of layered a	the of (2) a manuite, and m		sists of a ding in the under an ar (hartzburgi	ite is ove 3 m thick top 0.5 m cient spre te), chron represent	overlain by large boulders ick layer of massive chromit. 5 m, indicating crystal spreading ridge. hromite bands, pyroxinite sent a truncated ophiolite	t t t t t t t t t t t t t t t t t t t
Other specially Mentions	secuences	nces.								<del>, , , , , , , , , , , , , , , , , , , </del>
		-						:		
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Appendix

figure 3, Data sheet	for Mineral	Prospects(I)						
	<b>M</b>	BICOBIAN	Mineral No	al Prospects	13 (Palanan)	(u1)		
Locality	1/50,000 Topografic map No.	3471I C	X * Coodinates	15,700	Y * Coodinates	11,000 Altitud	tud	* 80 (m)
Survey date	July, 4, '86		* Surveier	A. Caba	Cabantog, E. Billedo	0		
Compiling (file No.)		<u> </u>	Owner of mining right	t Island	Mining and	Industrial Corpora	Corporation (IMIC)	
Metallogenic province			Type of Ore Deposits		Massive Sulfide	Country rock Ore Deposits	of* Pillow	Pillow Basalt
One mineral Assemblage	by field observootion* Bornite, Chalcocite Chalcopyrite, Sphal		by erite	micro-scope		by x-Ray dif	difraction	
Gangue mineral Assemblage	by field observootion Quartz, Fyrite (Chert)	otion. te	ρ̂ά	v micro-scope		by x-Ray dif	difraction	
Alternation mineral Assemblage	by field observootion*  Argillization, Chloritization  minor Silicification	otion* n, Chlori fication	by tization,	y micro-scope		by x-Ray dif	difraction	
* Conbination of country rocks	Pillow basalt/	, Chert	with interbed	bed of tuff				

Figure 3, Data sheet for Mineral Prospects (II)

		Follow up survey is needless	; (a)	53	posit. The footwall consists of altered of chert intercalated with tuffaceous pyrite, sphalerite, chacocite and the country rocks w/c are the altered the discountry rocks w/c are the discountry rocks w/c a				
	:	15 P.			intercalate sphalerite, rocks w/c	. :			
	Other Fossils	Ne cessity of llow up survey low	=,	=	pe of deposit. The foot by bed of chert interctions of pyrite, sphale and on the country rocks has produced 150,000 t		•		
		Ne Ne TI Ne	Д	A	of dep bed on ms of on the				
	•				e of by b ions d on d				
Other Methode		Possibility of follow up survey is reliable	£	=	the Cyprus type of der then overlain by bed of of disseminations of were also found on the this deposit has produ				
	·	Possibilit follow up is reliabl			the of of vere	•			
		O	O	O	and and sists cons				
	Nanno- Plankton	y of for survey is			similar sulfide sed cons salizati			·	
		Necessity llow up su high	<b>\$</b>	±	eposit is massive s ks collect nger miner former mir				
		<b>(19)</b>	ρη	μ	de depo the ma rocks Stringe		•		
	* .	of sur-			ulfi alt, The te.		•		
K- Ar Methode	Radioraria	Necessity of follow up survey is highes	ä	=	Massive sulfide deposit pillow basalt, the massi sediments. The rocks col chalcopyrite. Stringer m pillow basalt. According to the former	nese.			
		Æ	*	≪:				<u>:</u>	
Age Determination	Investigation of Fossils	Spot Investiga- tion	Results of Geochemical & other analysis	Summerized Evaluation		Other specially Mentions			
De te	Inve		ton for stores	Evaluat	: : :	Other Me			

:	ļ								<b>.</b>
		8,400 Altitud 180 (m)		and Industrial Corporation (IMIC)	Country rock of Pillow Basalt	by x-Ray diffraction	by x-Ray diffraction	by x-Ray diffraction	
	al Prospects No. 14 (Palanan)	14,500 Coodinates	A. Cabantog, E. Billedo	Island Mining	Massive Sulfide	micro-scope	by micro-scope	micro-scope	
ineral Prospects(I)	Mineral Port BICOBIAN (LACSON) No	OO X * asfic 34711 Coodinates	July, 5, '86, Surveier	Owner of mining right	Type of Ore Deposits	<pre>field observootion.* Bornite, Chalcocite, Sphalerite, Chalcopyrite</pre>	by field observootion. by Quartz, Pyrite	field observootion* Argillization, Silicification and Chloritization	Pillow basalt/ chert
figure 3, Data sheet for Mineral Prospects(I)	Survey	Locality 1/50,000 map No.	Survey date	Gombiling (file No.)	Metallogenic province	One mineral Assemblage	Gangue mineral Assemblage	Alternation mineral Assemblage	Contination of country rocks

Figure 3, Data sheet for Mineral Prospects (II)

Age K- Ar Other Methode	igation Radioraria Nanno- Plankton Fossils	Spot A follow up survey is constigned by the cessity of follow up survey by the survey is consisted by the constigned by the survey is constigned by the constitution by the const	sults of "E" "E" "E" "Alysis	Jumerized " E " E " E	The massive sulphide deposit is also similar to the Cyprus type massive sulfide deposit. The foot wall consisting of altered pillow basalt, massive sulfide and overlain by interbeds of chert and tuffaceuus sediments. Veinlets of quartz were also observed on the pillow basalt which is likewise chloritized stringer mineralizations were also found. Rock samples collected showed some chalcopyrite, pyrite, bornite and sphalerite disseminations.	ocially ons		
Age Determination	Investigation of Fossils	88 1		Ore Pro		Other specially Mentions		

figure 3, Data sheet	Data sheet for Mineral Prospects(I	~	•				
Survey	BLOS RIVER	Miner	al Prospects No.	15 (Palanan)			ļ
Locality	1/50,000 Topografic 3472III map No.	X * Coodinates	14,300	Y * Coodinates	8,800 Altitud	ASL 110 (m)	·
Survey *	June, 6, '86	Surveier	Y. Tsı	Tsuguma	**		<b>1</b>
Gompiling (file No.)		Owner of mining right					<b></b>
Metallogenic province		Type of Ore Deposits	Weak pyrite dis in granodiorite	te dissemination country lorite Depo	Country rock of Ore Deposits	* Granodiorite	· · · · · · · · · · · · · · · · · · ·
One mineral Assemblage	by field observootion.* Pyrite	ίο.	micro-scope		by x-Ray diffraction	action	-
Gangue mineral Assemblage	by field observootion. Quartz, Calcite	Veinlet	micro-scope		by x-Ray diffraction	action	***************************************
Alternation mineral Assemblage	by field observootion* Silicified, limonitized Pyrite dissemination length about 30 m in granodiorite	by length lorite	micro-scope		by x-Ray diffr	diffraction	
Convination of country rocks	Granodiorite (Acidi	(Acidic intrusive r	rock)				
							ن ا

Figure 3, Data sheet for Mineral Prospects (II)

		Follow up survey is needless	ž (a)	E S	also noted at outcrops.  s minor to moderate in d dips 80 SE.			
	Other Fossils	Ne cessity of fo- llow up survey is low	Ω.		stream of Blos to 1 cm were a hile pyrite is ds N 70 E, and			
Other Methode		Possibility of follow up survey is reliable	=		side of the cent sinlets of about minerals are existinat generally			
	Na)	Necessity of fo- llow up survey is C high	- E	B	located in the lerrize and/or calcite the field, no coppalong sheared so			
K- Ar Methode	Radioraria	Necessity of follow up sur-		A	This showing is about 110 m . Qua As observed in amount especially			
Age Determination	Investigation of Fossils	Spot A Investiga-	Results of Geochemical & other analysis	Programmerized Or Evaluation		Other specially Mentions		

Appendix

figure 3, Data shee	Data sheet for Mineral	Prospects(I)	·					·	
		DISUDO CREEK		Mineral Prospects No.	1 (Cauayan)	(1			
* Locality	1/50,000 Topografic map No.	3469IV	X * Coodinates	1550	Y * Coodinates	8100	Altitud	300 (	* (m
Survey *	June, 23,	, 186	* Surveier	T.	ISAKA, O. PINEDA				
Gampiling (file No.)			Owner of mining right	şh t			·		
Metallogenic province			Type of O. Deposits	Ore	Vein Type	Country rock Ore Deposits	*J.	Andesite (N )	
One mineral Assemblage	by field obse	field observootion.*	Pyrite	by micro-scope		by x-Ray	by x-Ray diffraction		
Gangue mineral Assemblage	by field obse	observootion.	Quartz	by micro-scope		by x-Ray	diffraction		
Alternation mineral Assemblage	by field	observootion*	Chlorite Epidote	by micro-scope		by x-Ray	diffraction		
Convination of country rocks	N Andesit	Andesite lava and	and Andesite dyke in it	yke in it.					
									1

Figure 3, Data sheet for Mineral Prospects (II)

The second secon	Other Methode	Other Fossils	ossibility of Ne cessity of fo- Follow up survey is collow up survey is greatless a reliable low	<u>د</u> ۵	Д	in $N_1$ andesite lava.			
	her thode	Other Fossils	ty of Ne cessity of fo- survey (D) llow up survey is E Le	=	=	i .			
	O¢ We	Nanno- Plankton	of fo- urvey is C fol	D	~ O	are observed in M <sub>1</sub> ande			
	K. Ar Methode	Radioraria	Necessity of Necessity follow up sur- B llow up s vey is highest b high	<b>α</b> Ω =	<u>α</u>	Two pyrite-quartz veins			
	Age Determination	Investigation of Fossils	,×		Evaluation A		Other specially	Mentions	

figure 3, Data shee	Data sheet for Mineral Prospect	(1)8:	The second secon	
Survey	DINA GR	Miner EEK I	al Prospects No. 2 (Gauayan)	(ur
Locality	1/50,000 . Topografic 3470III map No.	X * (Coodinates	23,550 Y * Coodinates	16,200 Altitud 500 (m)
Survey &	June, 10, '86.	Surveier	T.ISAKA, O. PINEDA	
Gompiling (file No.)		Owner of mining right		
Metallogenic province		Type of Ore Deposits	Vein Type	$\begin{array}{ccc} \texttt{Country rock of}^* & \\ \texttt{Dre Deposits} & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & $
One mineral Assemblage	by field observootion.* Pyrite	by	micro-scope	by x-Ray diffraction
,	Chalcopyrite	t e		
Gangue mineral	by field observootion Quartz	ńą	micro-scope	by x-Ray diffraction
Assemblage	•			
Alternation mineral	by field observootion*	Ŕq	micro-scope	by x-Ray diffraction
Assemblage	0 110 1110			
* Convination of	Andesite (N.)	and Quartzdiorit	Quartzdionite intrusive bodv.	
country rocks				

Figure 3, Data sheet for Mineral Prospects (II)

Appendix figure 3, Data sheet for Mineral Survey	Prospects	Mineral	Prospects		:			
Prea	TINA CREEK II	·		cauayan)	- u -			
Locality	1/50,000 Topografic 3470III map No.	X * Coodinates	23,450	Υ * Coodinates	15,950	Altituo	500	(m)
Survey date	June, 10, '	* 186Surveier	T. ISA	ISAKA, O. PINEDA				-
Gagailing (file No.)		Owner of mining right						
Metallogenic province		Type of Ore Deposits			Country rock Ore Deposits	rock of *		
One mineral Assemblage	by field observootion.* Chalcopyrite Magnetite Pyrhotite Pyrite	r Qq	micro-scope		by x-Ray	y diffraction		
Gangue mineral Assemblage	by field observootion.	by n	micro-scope		by x-Ra'y	y diffraction		
Alternation mineral Assemblage	by field observootion*	r Aq	by micro-scope		by x-Ray	y diffraction		
Consination of country rocks	Andesite $(\mathtt{N_1})$ and	and Quartzdiorite intrusive body.	intrusive boo	1y.				

Figure 3, Data sheet for Minerel Prospects (II)

Investigation Fossits  Fossity of for-  Fossity of for-  Fossity of for-  Fossity of for-  Fossity  Fossity  Fossits  Fossits  Fossity  Fo									
Radioraria Plankton Plankton Plankton Plankton Plankton Plankton Mecessity of follow up survey is greated by the second of the cessity of follow up survey is greated by the size of the cessity of follow up survey is collected from floated block, consist of chalcopyrite and magnetite bearing massive pyrihotite-pyrite. This floated block show different appearance to DINA CREEK II.	Age ination	K- Ar Methode		;		Other Methode	:		
tiga- A rollow up survey is follow up survey by incessity of follow up survey  tiga- A vey is highest a liow up survey is follow up survey by incedless  tison  A " B " C " D " E " E " "  Sample of ore assay is collected from floated block, consist of chalcogyrite and magnetite bearing massive pyrnhotite-pyrite. This floated block show different appearance to DINA CREEX is showing, but many ore blocks which have the size of 0.5 % o.5 m to 3% 3 m scatter along the river, then outcrops of this ore seems to locate near DINA CREEX II.	igation of ils	Radioraria		Nanno- Plankton				Other Fossils	
ts of emical A " B " C " D " E " " E " Tized ation A " B " C " D " E " " E " " E E E E E E E E E E E	ot stiga-	Necessity follow up vey is hig	Necessit 110w up	£ 5	For For	ility of up survey iable		essity of forup survey is E	ည်း
ation A " B " C " " E " " E " " E " " E " " E I " E I " E I " E I I I I					O	=	А		Ξ
Sample of ore assay is collected from floated block, consist of chalcopyrite and magnetite bearing massive pyrnhotite-pyrite. This floated block show different appearance to DINA CREEK showing, but many one blocks which have the size of 0.5 x o.5 m to 3x 3 m scatter along the river, then outcrops of this ore seems to locate near DINA CREEK II.	<del></del>				ပ	=	Ð	£Q =	=
bearing massive pyrrhotite-pyrite. This floated block show different appearance to DINA CHEEK showing, but many ore blocks which have the size of 0.5 x o.5 m to 3x 3 m scatter along the river, then outcrops ofthis ore seems to locate near DINA CREEK II.		Sample o	of ore assay is c	ollected f	from float	ed block, c	onsist	of chalcopyrite and	gnetite
ally		bearing m showing,	assive pyrrhotit but many ore blo	e-pyrite.	This floa have the	tred block s size of 0.5	frow di	fferent appearance in to 3x 3 m scatter	DINA CREEK. long the
	specially		O	is ore see			IA CREE		
	lons		•		:				
	·								

figure 3, Data shee	sheet for Mineral Prospect	ts(I)				,
Survey, area	DIWAGAO		Mineral Prospects No.	4 (Cauayan)		
* Locality	1/50,000 Topografic 3470I. map No.	II X * Coodinates	20,700	Y * Coodinates	2,500 Altitud 400	* (E
Survey date	June, 25, '86.	Surveier	T.ISAKA,	A, O, PINEDA.		
Gompiling (file No.)		Owner of mining right	h t			
Metallogenic province		Type of Ore Deposits	e Vein Type (?)	(¿) e	Country rock of Mandesite(?)	(5)
One mineral	by field.observootion.* Pyrite		by micro-scope		by x-Ray diffraction	<u> </u>
Assemblage	Chalcopyrite Pyrhotite	rite e				
Gangue mineral	by field observootion.		by micro-scope		by x-Ray diffraction	
Assemblage	Quartz					**************************************
Alternation mineral	by field observootion*		by micro-scope		by x-Ray diffraction	
Assemblage	Epidote Quartz					
* Convination of	Andesite, Quart	zdiorite and Microdiorite.	crodiorite.		A CONTRACTOR OF THE CONTRACTOR	
country rocks						

Figure 3, Data sheet for Mineral Prospects (II)

	Other Fossils	cessity of fo- Follow up survey is w up survey is E needless	E 2	E .		and and		and diorite.		
<b>9</b>		y of Ne or survey D llow e	А	Ω	side,	ing the reasons to the stin this site		in andesite a		
Other Methode		Possibility follow up su is reliable	≂	<b>5</b>	float	t the outerop seems to exist in near site according (1) Floating ore size is boulder. (2) The contact between andesite and diorite exist is	an Area.	are observed 1		
	Nanno- Plankton	y of fo- survey is C	U	O	collected from	out the outerop seems to exist in near (1) Floating ore size is boulder. (2) The contact between andesite and	observed atsuch contact in Cauayan Area.	Epidotization a		
		(B) high up st	=	E M	assay is co	seems to ex ore size is ot between a	atsuch conta	and		
		ity of up sur- highest		 	ore	cerop ting conta	rved	tizat	-	
K- Ar Methode	Radioraria	Necessity follow up vey is high	¥	=	Sample of ore assay	out the outcrop see (1) Floating ore (2) The contact t	<b>ම</b> ග්ර	(3) Pyritization		
		∢ .	*	4		·	·	:	<del></del>	
Age Determination	Investigation of Fossils	Spot Investiga-	Results of Geochemical & other analysis	Summerized Evaluation			Other specially Mentions	• •		
Dete	Inve		ton for stoadse				Other			

Appendix

figure 3, Data sheet	t for Mineral Prospects(I)				
Survey	THE MAYANT	Mineral Mineral	Prospects		
area		4		(Cauayan)	
Locality	1/50,000 Topografic map No. 5369I	X * Coodinates	y * 16,900 Coodinates	Altitud 1,350	(m)
Survey Sate	July, 3, '86	Surveier	T. ISAKA, O. PINEDA	БДА	
Gamailing (file No.)		Owner of mining right			
Metallogenic province		Type of Ore * Deposits	Sedimentary Origine	Country rock of *	Calcareous conglomerate
One mineral	by field observootion.*  Hematite  Goethite	, p	micro-scope	by x-Ray diffraction	no
Gangue mineral Assemblage	by field observootion. Calcite	ρά	micro-scope	by x-Ray diffraction	uo
Alternation mineral Assemblage	by field observootion*	X <sub>Q</sub>	micro-scope	by x-Ray diffraction	u c
Convination of country rocks	Calcareous Conglome	omerate			

Figure 3, Data sheet for Mineral Prospects (II)

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Age Determination	Investigation of Fossils				-	Other Men		
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figure 3, Data sheet	t for Mineral	1 Prospects(I)		·		_		
Survey	, T.G.	TT GGWTG VAMANTA		Mineral Prospects	, , , y			
area	1	4		, ov	(nearea) o	411		
Locality	1/50,000 Topografic map No.	3369 I	X * Coodinates	16,300	Y * Coodinates	1,750	Altitud	400 (B)
Survey sate	July, 3	3, '86.	Surveier	T. ISA	ISAKA, O. PINEDA			
Goggiling (file No.)		· · · · · · · · · · · · · · · · · · ·	Owner of Mining rig	of right				
Metallogenic province	Hematite		Type of On Deposits	Ore		Country rock Ore Deposits	*.jo	Calcareous Conglomerate
One mineral	by field ob	field observootion.*		by micro-scope		by x-Rey	by x-Ray diffraction	c
Assemblage	Hematite	Φ				·		
	by field ob	* AO EL CONTERAC		aroos-orota va		hy v. Rav	A : P = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 =	5
Gangue mineral	, c				#1. 			•
Assemblage	3 4 5 4 5 7	Δ.						
Alternation mineral	by field	observootion*		by micro-scope		by x-Ray	diffraction	E
Assemblage			•	÷		·		
Convination of			-					
country rocks	Calcar	Calcareous Conglomerate	а •					

Figure 3, Data sheet for Mineral Prospects (II)

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Age Determination	Investigation of Fossils			, m		Other specially Mentions	
De t	In Y	İ	spects	Ore Pro	•	e E	
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figure 3, Data shee	Data sheet for Mineral	Prospects(I)					
Survey		AGAN R	Mineral No.	Prospects	7 (Cauayan)		
Locality	1/50,000 Topografic map No.	3469IV	X * Coodinates	6,200	Y * Coodinates	15,100 Altitud	240 (m)
Survey *	June,	29, '86.	* Surveier	r. Si	ISAKA, O. PINEDA		
Compiling (file No.)			Cwner of mining right				
Metallogenic province			Type of Ore Deposits			Country rock of * Ore Deposits	
One mineral	by field ob	observootion*	n yơ	micro-scope		by x-Rey diffraction	
.ssemblage		Pyrite					<del></del>
Gangue mineral	by field obs	observootion.	n yd	by micro-scope		by x-Ray diffraction	
Assemblage			· · · · · · ·				:
Alternation mineral	6.	field observootion*	n yo	micro-scope		by x-Ray diffraction	
Assemblage		Chlorite Quartz	·				<u> </u>
Convination of		Andesite and	and Diorite int	intrusive body.			-
country rocks							

Figure 3, Data sheet for Mineral Prospects (II)

tton  Possibility of Ne cessity of for Follow up survey  (c) is reliable by (D) low up survey is E needless  (c) " D " E " E " "  (c) " D " " E " "  (d) " E " " E " " " E " " " E " " " E E " " " E E " " " E		K- Ar	K- Ar								Other	·			٠			
ttor  Possibility of Ne cessity of for Follow up survey is E needless is reliable  C is reliable " D " E " E " " C " " D " E E " " E E " " E E " " E E E E	Determination Methode	Methode	Methode	ode				į		· .	Methode							
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c " E " " E " " sout 80 m length along the river. is observed in fisser developing andesite at mineralization	Results of Geochemical A " B " analysis	т В	E E			=	<u>=</u>		Ö		=	О		=	<u></u>		z )	
is observed in fisser developing andesite at mineralization	Summerized Evaluation A B	. В В	<b>-</b>				u		ပ		:	А		2	ы		2	
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figure 3, Data shee	Data sheet for Mineral Prospects(I)	. ~			•		
	DIDEN RIVER	Miner	al Prospects	8 (Cauayan)	nn)		
Locality	1/50,000 Topografic 3469IV map No.	X * Coodinates	7,600	Y * Coodinates	13,000	Altitud	260 (m)
Survey Sate	June, 29, '86.	Surveier	T. ISAKA,	A, O. PINEDA			
Gampiling (file No.)		Owner of Mining right					
Metallogenic province		Type of Ore Deposits		Country rock Cein Type (Disseminations Deposits	Country r	*410	Andesite( $N_1$ )
One mineral Assemolage	by field observootion* Pyrite	Ŕq	micro-scope		by x-Ray	by x-Ray diffraction	
Gangue mineral	by field observootion. Quartz	λα	micro-scope		by x-Ra'y	diffraction	
Alternation mineral Assemblage	by field observootion* Quartz Chlorite	χ̂α	micro-scope		by x-Ray	diffraction	
Consination of country rocks	Andesite and Diorite intrusive body.	intrusive bo	dy.				

Figure 3, Data sheet for Mineral Prospects (II)

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	ron cton	fo- 27 18			observed in		4 - 4 		
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K- Ar Methode	dior	Necessity follow up vey is hig	1		Pyrite				
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tion	tion	Spot Investiga-	lts ( hemic her yais	eriz uati		8 71,1	, (n)	:	•
Åge mina	vestiga of Fossils	Spot Investi	Results of Geochemical & other analysis	Summerized Evaluation		s Dec.	Mentions		
Age Determination	Investigation of Fossils			Ore Pro	-	Other specially	Men		
	<u> </u>	<u>L</u>	ion for			0		· 	

Appendix figure 3,

figure 3, Data shee	sheet for Mineral Prospects(1)	(		
Survey		Mineral F	Prospects	
area.	PARIG CREEKI	KI No.	0) 6	9 (Cauayan)
Locality	1/50,000 Topografic map No. 3469IV	X * Coodinates	y * 18,800 Coodinates	8,400 Altitud 560 (m)
Survey	June, 24, '86.	Surveier	T. ISAKA, O. PINEDA	вра
Gemeiling (file No.)		Gwner of mining right		
Metallogenic province		Type of Ore Deposits	Vein Type	Country rock of Dacite $(N_1)$
One mineral	by field observootion.*	by mic	micro-scope	by x-Ray diffraction
Assemblage	Pyrite			
Cangue mineral	by field observootion. Quartz	ożm vá	micro-scope	by x-Ray diffraction
	by field observootion*	ov mic	by micro-scope	by x-Ray diffraction
Alternation mineral Assemblage	3	3		
Convination of	Dacite			

Figure 3, Data sheet for Mineral Prospects (II)

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	Other Methode	:	ty of survey le			   			
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		Nanno- Plankton	fo- ey is						
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	K- Ar Methode	Radioraria	Necessity of follow up sur- vey is highest	=	<b>=</b>				
	X- Meti	Radio	Neces follo						
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	ise nati	igati of ils	Spot Investiga- tion	Results of Geochemical & other analysis	Summerized Evaluation		specially		
	Age Determination	Investigation of Fossils	Li	ភព ភាព ភាព ជុ	တို့ မြ		Mer speci		
	De t	Y C H		ton for	Evaluat		Other Mer	:	•

Appendix figure 3, Data sheet for Mineral Prospects( $oldsymbol{I}$ )

Figure 3, Data sheet for Mineral Prospects (II)

Deter	Age Determination		K- Ar Methode				• ;	Other Methode					
Inves	Investigation of Fossils		Radioraria			Nanno- Plankton			+ 1, +	Other Fossils	S. S. S. S. S. S. S. S. S. S. S. S. S. S		
	Spot Investiga- tion	4	Necessity of follow up survey is highest		Necessity llow up st	survey is	Possibi follow is reli	ossibility of ollow up survey s reliable	9	Ne cessity llow up sur low	of fo- rvey is E	Follow up needless	survey is
·	Results of Geochemical & other analysis	∢ .	2	14	=	_	D	=	А	Ξ	Œ		= 1
Ore Pro	Summerized Evaluation	Ą	<b>a</b>	144	<del>-</del>	_	/ ;	Ξ.	ь	=	<b>[2</b> ]	<b>=</b>	
			Sample of 0	Ore as	assay is co	collected fr	om float	from float boulder at		river side, th	nereforeout	thereforecuterop of ore unknown.	unknown.
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figure 3, Data shee	sheet for Mineral Pr	Prospects(I)							
	PALIC	PALIG CREEK III	Mineral No.	ral Prospects	ll (Cauayan)	(n)			
Locality	1/50,000 Topografic map No.	3469IV C	X * Coodinates	19,100	19,100 Coodinates	8,600	Altitud	580	* (E)
Survey Sate	June, 26,	,86.	Survoier	T. ISAKA,	A, O. PINEDA				,
Generaling (file No.)		5	Owner of mining right	÷					
Metallogenic province			Type of Ore Deposits		Vein type	Country rock Dre Deposits	ock of *	Dacite(N <sub>1</sub> )	
Cne mineral	by field observ	observootion*	b)	by micro-scope		by x-Ray	diffraction	ion	
Assemolage	Pyrite							:	
Gangue mineral	by field observ	observootion.	λ'q	/ micro-scope		by x-Ray	diffraction	ion	
	Quartz								
Alternation mineral	by field Quar	observootion* tz	ργ	/ micro-scope		by x-Ray	diffraction	ion	
Assemblage	Chlorite		<u>.</u>						
Convination of	Dacite								
country rocks									<u>-</u>
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Follow up survey is needless Barren quartz vein including small amount of pyrite is observed in this site. ſΩ េ llow up survey is low Ne cessity of fo-Other Fossils 9 Α Д follow up survey is reliable Other Methode Possibility of Ö O O llow up survey is high Nanno-Planktor Necessity of fo-Figure 3, Data sheet for Mineral Prospects (II) ρŊ Ω Щ follow up survey is highest Necessity of Radioraria K- Ar Methode Geochemical Evaluation Investiga-Results of Summerized Other specially Determination Investigation analysis & other Spot tion Mentions Fossils Evaluation for Ore Prospects

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*	Isabela	Mineral Pros	- T	
1/50,00 Topogramap   map		•	Frospects 1 (Ilagan)	
y lling No.)	3461III	X * Coodinates	y * 5,450 Coodinates	16,000 Altitud 110 (m)
Gongiling (file No.)	June, 15, '86. S	Surveier	A. Shida, J. Elores	
	<u> </u>	Owner of mining right		
Metallogenic province	riĝ	Type of Ore Deposits	Dissemination	Country rock of * Ore Deposits Meta-volcanics
Ore mineral by field Py semblage CI	by field observootion.* Pyrite Chalcopyrite (small	by amount	micro-scope	by x-Ray diffraction
Gangue mineral Assemblage	ld observootion. Quartz	by micro-	ecope-	by x-Ray diffraction
Alternation mineral by field Siesemblage	field observootion* Silicification	by micro-	micro-scope	by x-Ray diffraction
Consination of * Mccountry rocks	Meta-volcanic rock			

Figure 3, Data sheet for Mineral Prospects (II)

		Other Fossils	Ne cessity of fo- Follow up survey is llow up survey is (B) needless low	្យ	£	in meta-volcanic host-rock with small amount of chalcopyrite. fracture N 20° W strike $10^{\circ}$ NE dip and N 44° E, $70^{\circ}$ SE. on develop along these fractures.		
Other	Methode		ty of survey le	А	Ω	ock with small and 10° NE dip and fractures.		
0 0	Me		Possibility follow up suis reliable	=	=	canic host-rock with 20° W strike 10° NE along these fracture		
		Nanno- Plankton	sity of fo- up survey is C	ပ	O	n meta-volcani racture N 20° develop alon		
			Necessit llow up high	<b>=</b>	E M			
K- Ar	Methode	Radioraria	Mecessity of follow up sur- vey is highest	=	=	Pyrite disseminated i The outcrop exhibit f Pyrite mineralization		
	Determination	Investigation of Fossils	<<		Programmerized Evaluation A		Other specially Mentions	

		Mineral	al Prospects					
Survey	Siagot	, r	•	2 (Ilagan)				
Locality	1/50,000 Topografic 5471III	X * Coodinates	6,600	Y * Coodinates 1	10,950 A1	Altitud	06	* (E)
Survey date	June, 15, '86.	Surveier	A. Shida,	la, J. Flores				
Gagailing (file No.)		Owner of mining right						
Metallogenic province		Type of Ore Deposits		Dissemination	Country rock of pre Deposits	ck of *	Meta sed rock	sedimentary
Ore mineral Assemblage	by field observootion.* Pyrite Chalcopyrite (small	by l amount)	micro-scope		by x-Ray o	diffraction	uc	
Gangue mineral	by field observootion.	γď	by micro-scope		by x-Ray d	diffraction	on	
Assemblage	Quartz				·			
Alternation mineral Assemblage	by field observootion*	ρ	by micro-scope		by x-Ray d	diffraction	uo	
* Consination of country rocks								:

Figure 3, Data sheet for Mineral Prospects (II)

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Survey area	Survey Ilagan No.1	Mineral No.	al Frospects No.	3 (Ilagan)			
* Locality	1/50,000 Topografic 3471111 map No.	X * X Coodinates	7,200 Good	Y * Coodinates	14,350 Al	Altitud	250 (m)
Survey date	June, 14, '86.	Surveier	A. Shida,	J. Flores			
Gompiling (file No.)	:	Owner of mining right		• 1 · · ·			
Metallogenic province		Type of Ore Deposits	Dissemination	:	Country rock Ore Deposits	of Meta	sedimentary Rock
Ore mineral	by field observootion*	fq	micro-scope		by x~Ray d	diffraction	
Assemblage	Pyrite, Chalcopyrite(small	ll amount)					
Gangue mineral	by field observootion.	Λq	micro-scope		by x-Ray d	diffraction	
Assemblage	Quartz				73 1 2 1 (4)		
Alternation mineral	by field	Кq	micro-scope		by x-Ray d	diffraction	
Assemblage	Silicification						
* Consination of country rocks							

Figure 3, Data sheet for Mineral Prospects (II)

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Age Determination	ä	K- Ar Methode						Other Methode	:				
Investigation of Possils	uc	Radioraria			Nanno- Planktor					Other Fossils			
Spot Investiga tion	. A	Necess follow vey is	ty of up sur B highest	Neces 110w high	sity of fo- up survey is	O	Possibility follow up s is reliable	ility of up survey lable	(D)	Ne cessity of llow up survey low	of fo- vey is	Follow up needless	survey is
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ore Pro	zed ion	. =	m			Ö		=	А	<b>:</b>	E		11
		The mi Pyrite	nerali with	The mineralized outcrop a Pyrite with small amount	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	roughly along chalcopyrite	50 U	the N70°W	/ and N	and NIO <sup>o</sup> E trending dissemination in the	nding two : in the meta	two shear zones. meta sedimentary	s. ry
<b>-</b>	<del></del>	host rock.	č K							•			
Other specially Mentions	13		٠.	:									
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Ilagan No.2  No. Topografic Topografic Topografic Topografic Topografic Topografic Topografic Topografic Topografic Topografic Topografic Topografic Type of Ore Deposits Dissemination Deposits Dy micro-scope Chalcopyrite(small amount) Dy field observootion.* Dy field observootion.* Dy micro-scope Thomatication. Dy micro-scope Thomatication.  Ilmonitication. Dy micro-scope Thomatication. Dy micro-scope Thomatication. Thomatication. Thomatication. Thomatication. Thomatication. Thomatication.	Appendix figure 3, Data sheet	sheet for Mineral Prospects(I)					
Ilagan No.2  * 1/50,000  X*  Topografic	Survey		Miner				-
Ty Topografic TyllII Coodinates 6,800 Coodinates Ing Map No. June, 14, '86. Surveier A. Shida, J. Flores Ing Mining right Mining right Mo.)  Expension of Market Camall amount Deposits Dy Micro-scope Chalcopyrite(small amount)  Market Dy field observootion.* Dy Micro-scope Dissemination Chalcopyrite(small amount)  Silicification.* Dy micro-scope Dy Micro-scope Chalcopyrite Camall amount Dy Mining Silicification.  Silicification.* Dy micro-scope Dy Micro-scope Channitization.	สาขอ	Ilagan No.2		No.			
ing  No.)  Surveier*  A. Shida, J. Flores  Ing  No.)  Surveier*  A. Shida, J. Flores  Senic  Senic  Senic  Senic  Shida, J. Flores  An ining right  Deposits   *	3471	X * Còodinates	6,800	Y * Coodinates	14,250 Altitud	200 (m)	
Owner of mining right mining right  Ogenic Type of Ore Deposits  Neral By field observootion.* by micro-scope  The Chalcopyrite(small amount)  Iage Chalcopyrite(small amount)  Iage Limonite  Silicification,  Limonitization.  Silicification.  Silicification.	> 0	14,		l .	<b>ا</b>		•
by field observootion.*  by field observootion.*  Chalcopyrite(small amount)  Chalcopyrite(small amount)  by field observootion.*  Limonite  by field observootion.*  by field observootion.*  Limonitization.  Limonitization.  Limonitization.	Gompiling (file No.)		Owner of mining righ				
mineral by field observootion.*  mblage Chalcopyrite(small amount)  ue mineral by field observootion.*  by field observootion.*  Inmonite  Dimonitization.  by micro-scope by stield observootion.*  Inmonitization.  by micro-scope by	Metallogenic province		Type of Ore Deposits		Dissemination	Country rock of Quartzdiorite Deposits	iorite
by field observootion  Quartz,  Limonite  by field observootion*  by field observootion,  Limonitization,  Limonitization.	mineral molage	field.	0) 11 amcunt)			by x-Ray diffraction	
by field observootion* by micro-scope by Silicification, Limonitization.	Cangue mineral Assemblage	field	Ĝ	/ micro-scope		by x-Ray diffraction	
Consination of	Alternation mineral Assemblage	by field	ρ.	nicro-scope		by x-Ray diffraction	
	Consination of country rocks						

Figure 5, Data sheet for Mineral Prospects (II)

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Age Determination		K- Ar Methode						Other Methode	:					
Investigation of Fossils		Radioraria	!		Nanno- Planktor					Ощ	Other Fossils			
Spot Investiga-	¥.	Necessity of follow up sur- vey is highest	1 to 10	Necessit 110w up high	y of fo- survey is	O	Possibility follow up sis reliable	sibility of low up survey reliable	. A	Ne ce 110w	cessity of fo-	<u>®</u>	Follow up survey needless	9 2
spects	<del> </del>	±	m m	E		O.		1	А		=	ω	=	
Evaluation Evaluation	⋖		,m			0		: · · · ·	·Q.		-	23	#	
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Other specially Mentions														
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Appendix

figure 3, Data sheet for Mineral Prospec	t for Minera	Prospects(I)						
Survey		Menuma No.1	Mine	Mineral Prospects No.	5 (Ilagan)	(		
Locality	1/50,000 Topografic map No.	3471111	X * Coodinates	9,750	Y * Coodinates	13,350 Altitud	ud 150	* (E)
Survey .	June,	16, '86.	* Surveier	A.Shida,	da, J. Flores			,
Gomening (file No.)			Owner of mining right	<u>.</u>				
Metallogenic province			Type of Ore Deposits	*	Vein Type	Country rock o bre Deposits	of Meta sedimetary Rock	tary
Ore mineral	by field obs	by field observootion.* Pyrite	by	nicro-scope		by x-Ray diff	diffraction	
Assemblage		Chalcopyrite. (small amount)	•					
Gangue mineral	by field ob	observootion. Quartz.	Λq	micro-scope		by x-Ray diffraction	raction	
Assemblage		Epidote.						
Alternation mineral	by field Si	d observootion* Silicification,	£q	micro-scope		by x-Ray diff	diffraction	
Assemòlage	Ερια	Epidotization.		·	: :			
Consination of								
country rocks								

Figure 3, Data sheet for Mineral Prospects (II)

figure 3, Data sheer	figure 3, Data sheet for Mineral Prospects(I)			
Survey	Menuma No.2	Mineral	Prospects	(Ilagan)
* Locality	1/50,000 Toyografic map No.	X * Coodinates	9,800 Y * Coodinates	12,800 Altitud 160 (m)
Survey date	June, 16, '86.	Surveier	A. Shida, J. Flores	e s
Gammaling (file No.)		Owner of mining right		
Metallogenic province		Type of Ore Deposits	Dissemination	Country rock of * Ore Deposits Granodiorite
Ore mineral Assemblage	by field observootion.* Pyrite, Chalcopyrite(small	amount)	micro∼scope	by x-Ray diffraction
Gangue mineral Assemblage	by field observootion.	φ. Αφ.	micro-scope	by x-Ray diffraction
Alternation mineral Assemblage	by field observootion* Silicification	fq .	micro-scope	by x-Ray diffraction
Convination of country rocks				

Figure 3, Data sheet for Mineral Prospects (II)

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Age Determination	K- Ar Methode		,			Other Methode				
Investigation of Possils	Radioraria	ri a		Nanno- Plankton				Other Fossils		
l g5	A follow up	ity of up sur- highest	Necessit llow up high	y of fo- survey is	Possibility of follow up s	sibility of low up survey reliable	Ne ce	cessity of fo-	Follow u s E needless	sss up survey is
Results of Geochemical & other analysis	A	pt)	=		U	Œ	А	=	<b>(24)</b>	=
Pr Summerized Fvaluation O	- Y	m	=		· · · · ·	#	А		Ŕ	s,
	Three go	gossans develop gossan contain py	in /rite	the grano	granodiorite host rock. In small amount of chalc	st rock. of chalcopyrite	rrite.			
Other specially Mentions		· · · · · · · · · · · · · · · · · · ·								
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figure 3, Data sheet	Data sheet for Mineral Prospects(L	_						t
	Menuma No.3		Mineral Prospects No.	7 (Ilagan)	(1			
Locality	1/50,000 Topografic 5471111 map No.	X * Coodinates	9,100	Y * Coodinates	12,100	Altitud	120	* (m
Survey date	June, 16, '86.	* Surveier	A. Bhi	Shida, J. Flores				
Gamaling (file No.)		Owner of mining right						<b> </b>
Metallogenic province		Type of Ore Deposits	Dissen	Dissemination	Country rock Ore Deposits	rock of * Meta	ta sedimentary Rock	ry
Ore mineral Assemblage	by field observootion.* Pyrite, Chalcopyrite(small	by smount)	micro-scope		by x-Ray	/ diffraction	C.	
Cangue mineral Assemblage	by field observootion Quartz	ıı vg	by micro-scope		by х-Ray	/ diffraction	<b>g</b>	
Alternation mineral Assemblage	by field observootion* Silicification	r ko	micro-scope		by x-Ray	/ diffraction	g	
* Convination of country rocks								

Figure 3, Data sheet for Mineral Prospects (II)

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			survey	= 1	12					*.	
			Follow up needless								
			Fol nee	£٦	(x)					. · · · · · · · · · · · · · · · · · · ·	
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			Neces 110w high	E	m			. :			
	_		up sur-								
	K- Ar Methode	Radioraria	Necessity follow up vey is hig	=	*						
			≼ .	4	∢.	-					
	Age Determination	tigation of sils	Spot Investiga- tion	Results of Geochemical & other analysis	Summerized Evaluation			ner specially Mentions			
	Determ	Investige of Fossils	<b>⊢</b> +>	apecta	Evaluat Ore Pro			Other s Ment			

Appendix

figure 3, Data sheef	figure 3, Data sheet for Mineral Prospects(I)			
Survey	Menuma No.4	Mineral No.	Prospects 8 (Ilagan)	
Locality	1/50,000 Topografic 3471III map No.	X * 8 Coodinates	8,400 Y * Coodinates	11,500 Altitud 110 (m)
Survey date	June, 16, '86.	Surverer *	A. Shida, J. Flores	
Gammiling (file No.)		Owner of mining right		
Metallogenic province		Type of Ore Deposits	Dissemination	Country rock of * Diorite Ore Deposits
Ore mineral Assemblage	by field observootion.* Pyrite, Chalcopyrite(small	by amount)	micro-scope	by x-Ray diffraction
Gangue mineral Assemblage	by field observootion	by micro-scope	adoos s	by x-Ray diffraction
Alternation mineral Assemblage	by field observootion* Silicification.	by micro-scope	edoos-	by x-Ray diffraction
* Consination of country rocks				

Figure 3, Data sheet for Mineral Prospects (II)

Ar thode	14	essity of Necessity of fo- Possibility of Ne cessity of fo- Follow up survey is low up survey is follow up survey is follow up survey is preedless is higher high	EQ	т С — — — — — — — — — — — — — — — — — —	Diorite dyke width 20 m occures in the metasedimentary rock. Along the crushed zone trending N5 $^{\circ}$ W dipping $60^{\circ}$ E, Pyrite develop with small amount of chalco-	yrite.			
K. Ar Methode	Radioraria	(m)	ρ <b>η</b>		Diorite dyke width Along the crushed z	pyrite.			
Age Determination	Investigation of Possils	Spot Investiga-		Ore Pro			Other specially Mentions		-

Survey   I(Ve)   Caeablangan   No.   I(Ve)   Survey   I(Ve)	figure 3, Data sheet	Data sheet for Mineral Prospects(I)					:,	•
1/50,000   1/50,000   2472IV   X *   200-350   Y *   11,200-11,26041titur   420 (n map pko, 7, '86.   Sureter   K. Mesubuchi, P. Revillos Jr   June, 7, '86.   Sureter   K. Mesubuchi, P. Revillos Jr   June, 7, '86.   Sureter   Fight   Minng right   Deposits   Dep			Mine					-
Toyografic Toyoffacts Surveier K. Mesubuchi, P. Revillos Jr.  June, 7, '86. Surveier K. Mesubuchi, P. Revillos Jr.  June, 7, '86. Surveier K. Mesubuchi, P. Revillos Jr.  June Day Held Observootion.  by field observootion.  by micro-scope  by x-Ray diffraction  by micro-scope  by x-Ray diffraction  cee Remarks.  June in mineral Limmanise(),  Acutive(),   area	Casablanga	ri .	No.	1(Tuguegara	(0,			
linge  No.)  Logenic mineral by field observootion.*  molage mineral by field observootion.*  molage mineral by field observootion.*  Deposits by micro-scope by x-Ray diffraction mineral by field observootion.*  molage mineral by field observootion.*  molage mineral by field observootion.*  Deposits by micro-scope by x-Ray diffraction by x-Ray diffraction mineral by field observootion.*  Ination mineral by field observootion.*  Decite intruded in micro-diorite.  Trype of Over of mineral by micro-scope by x-Ray diffraction by a micro-scope by x-Ray diffraction by field observootion.*  The matter by micro-scope by x-Ray diffraction by x-Ray diffraction by a micro-scope by x-Ray diffraction by field observootion.*	*	÷.	X * Cóodinates	300-350	<b>_</b>	00-11,260Altitud		* <u></u>
nic    Pype of Ore   Peposits   Paring right	* > 0	June, 7, '86.		K. Masub	Δ,			<u> </u>
Ilogenic   Pype of Ore   Deposits   Deposi	Gomening Gate (file No.)		Owner of mining rie	th:				
mineral by field observootion.*  molage Pyrite, Chalcopyrite, Bornite(?).  The mineral by field observootion. by micro-scope by field observootion. by micro-scope by field observootion. by micro-scope by field observootion. by micro-scope limonite(?), Azurite(?), Hematite.  The mation of Bacite intruded in micro-diorite.	Metallogenic province	4	Type of Or Deposits	Veinlet	Dissemination	*	Cacite	<u> </u>
by field observootion. by micro-scope by x-Ray neral Limonite(?),  Azurite(?),  Hematite.  Dacite intruded in micro-diorite.	Cre mineral Assemolage	by field observootion.* Pyrite, Chalcopyrite, Bornite(?), Pyrrhotite(?).		I .		by x-Ray diffraction		1
by field observootion* by micro-scope Limonite(?), Azurite(?), Hematite.  Dacite intruded in micro-diorite.	Gangue mineral	1		i		x-Ray		1
by field observootion*  Limonite(?),  Azurite(?),  Hematite.  Dacite intruded in micro-diorite.	Assemblage							
* Dacite intruded in	Alternation mineral			1	1	×-Ray		<u> </u>
	-	1	ro-diorite					T

Follow up survey is E needless (c) ω llow up survey is low Ne cessity of for Other Fossils A Ω Ω follow up survey is reliable Other Methode Possibility of llow up survey is (c) high O ပ Nanno-Plankton Necessity of fo-Data sheet for Mineral Prospects (II) സ മ മ്പ Necessity of follow up sur-vey is highest Radioraria K- Ar Methode ⋖ .⊄; Spot Investigaanalysis Summerized Evaluation tion Results of Geochemical Other specially Mentions Determination Investigation of & other Fossils Figure 3, Evaluation for Ore Prospects

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Appendix

figure 3, Data sheet for Mineral Prospects(I)

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	tud 550			of* Dacite	by x-Ray diffraction	diffraction	diffraction	
: :	Altitud				y dif	l .	1	
ırao)	9,225-9,240	Revillos Jr		Cour	by x-Ra	by x-Ray	by x-Ray	
2 (Tuguegarao)		P. Rev.		einlet				
. 2 (T	Y * Coodinates	K. Masubuchi,		Dissemination & Veinlet				
al Prospects No.	2,650-2,690	K. Ma		Dissemin	micro-scope	micro-scope	micro-scope	
Mineral No		* H:	right	ore s	f f o	λq	λο	
М	X * Còodinates	Surveier	Cwner of mining right	Type of O Deposits				in Diorite.
Dinacdacan	3472IV	s, 8, ¹86.			by field observootion.* Chalcopyrite (?), Fyrite.	observootion.	field observootion* Sercite, Chlorite.	Dacite intruded ir
Û	1/50,000 Topografic map No.	June,		·	by field obs Chalcop Pyrite.	by field obs	by field observations.  Sercite, Chlorite	Daci
						d	ineral	*
Survey	Locality *	Survey date	Gampiling (file No.)	Metallogenic province	Ore mineral Assemblage	Gangue mineral Assemblage	Alternation mineral Assemblage	Contination of country rocks

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination Investigation of Fossils		1							:					
Investigation of Fossils		K- Ar Methode						Other Methode		:				
	Ra	Radioraria			Nanno- Plankton		·		!	- P C	Other Fossils			
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Results of Geochemical & other analysis	¥	Ξ	<u> </u>	<u>~</u>		ڻ -		=	Ð		=	(E)		
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Appendix

figure 3, Data sheet for Mineral	t for Mineral Prospects(E	ots(I)				•
Survey. area	Capisayan	(M)	Mineral Prospects No.	3 (Tuguegarao)	10)	
Locality	1/50,000 Topografic 3374II map No.	II X *	16,550-17,000	y * Coodinates 4,9	4,950-5,300 Altitud	120 (m)
Survey date		Surveier	* 54 00			
Gammiling (file No.)		Owner of mining right	of right			
Metallogenic province		Type of O Deposits	* 0	Sedimentary deposit	Country rock of *   Sandstone-Shale	a 1e
Ore mineral Assemblage	by field observootion*  Pyrite(?),  Hematite,  Magnetite(?),  Goethite.	on.*	by micro-scope		by x-Ray diffraction	
Gangue mineral Assemblage	by field observootion.*	**************************************	by micro-scope		by x-Ray diffraction	
Alternation mineral Assemblage	by field observootion* Sericite(?).	*uo	by micro-scope		by x-Ray diffraction	
Consination of country rocks						

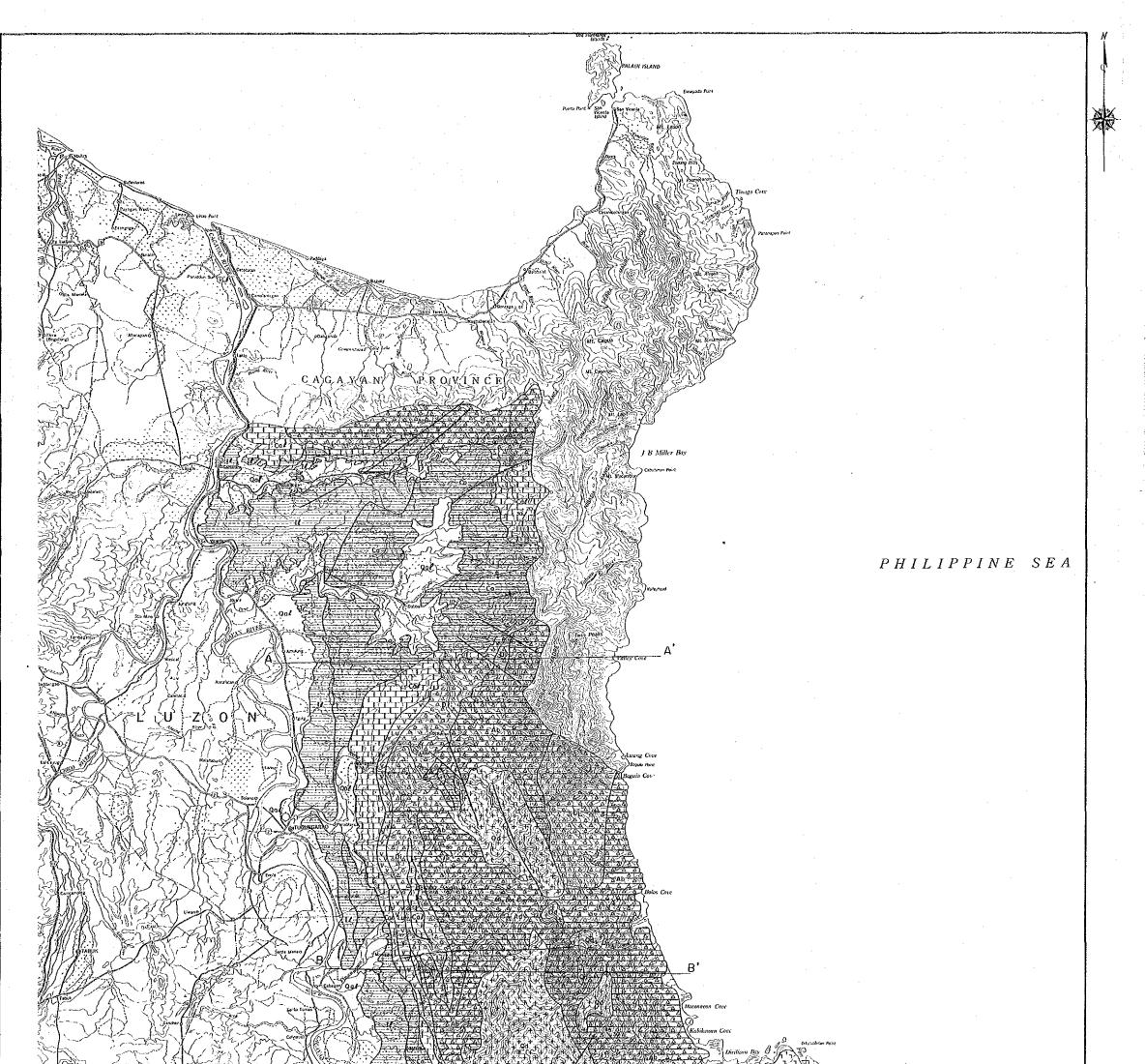
Figure 3, Data sheet for Mineral Prospects (II)

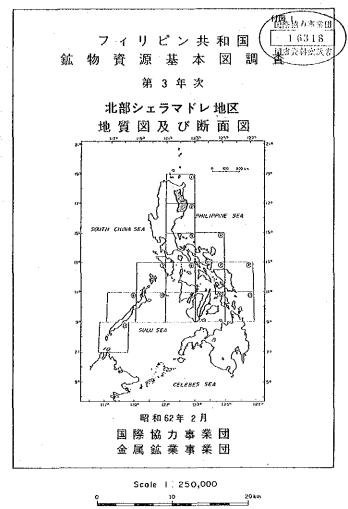
Age Determination				-					.						
	*** ***	K- Ar Methode			٠			Other Methode							
Investigation of Fossils	쫎	Radioraria	-	Naı Plaı	Nanno- Plankton				:		Other Fossils				
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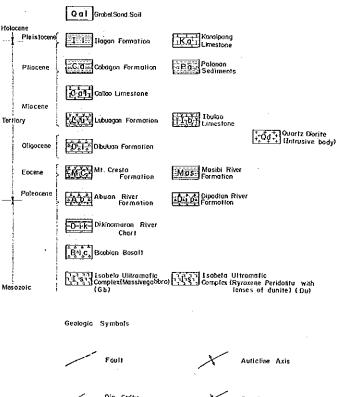
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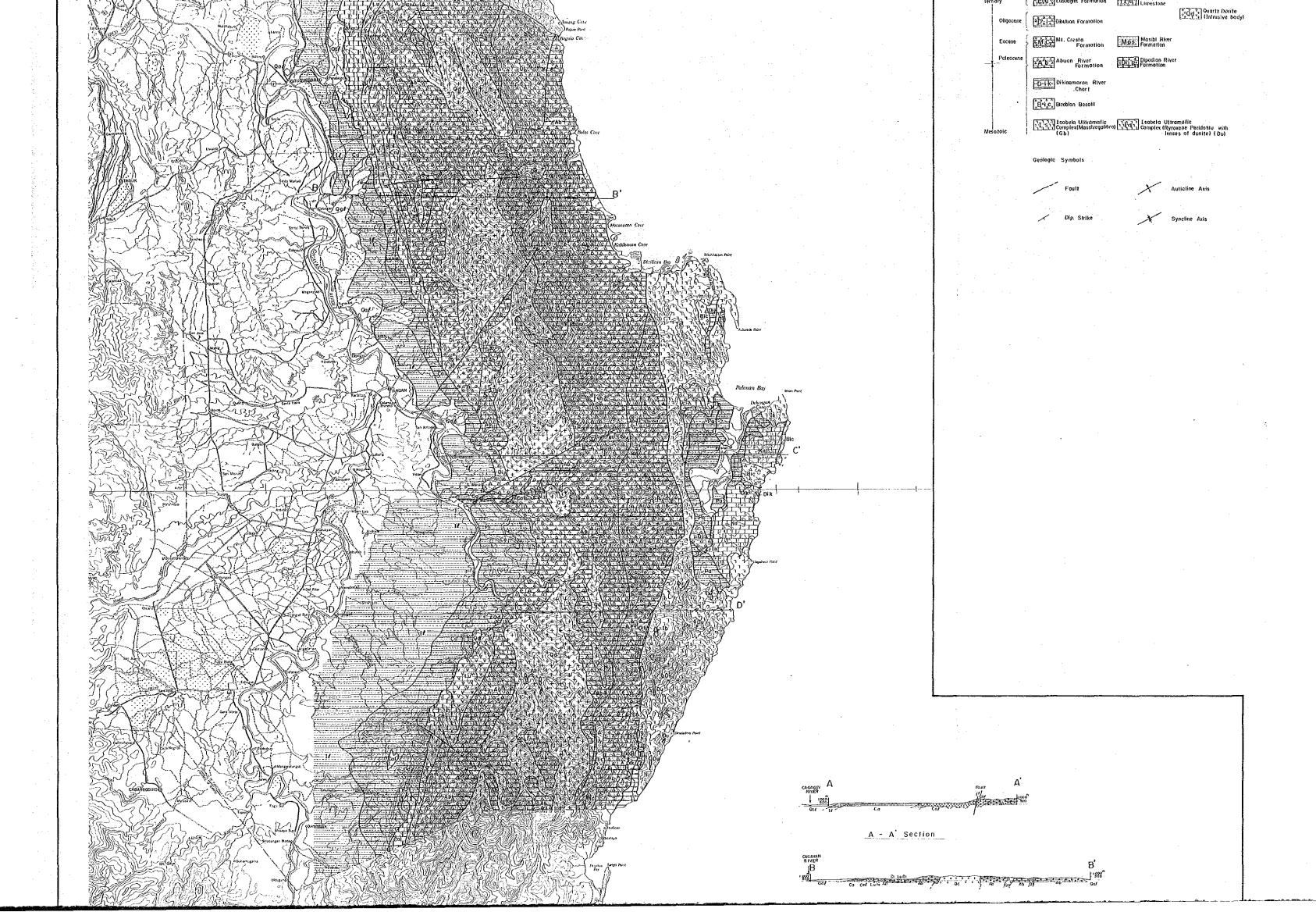
figure 3, Data shee	sheet for Mineral Prospects(I)			
Survey	Capisayan (E)	Miner	al Prospects No. 4 (Tuguegarao)	arao)
Locality	1/50,000 Topografic map No. 3374II	X * Coodinates	X * Y * Coodinates	* Altitud 5,130-5,350 200
Survey *	June, 27, '86.	* Surveier	K. Masubuchi, P.	Revillos Jr
Sagailing (file No.)		Owner of mining right	44	
Metallogenic province		Type of Ore Deposits	Sedimentary deposit	Country rock of * Sandstone-Shale
Ore mineral Assemblage	by field observootion.*  Pyrite(?),  Hematite,  Magnetite(?), Goethite.	Ŕα	micro-scope	by x-Ray diffraction
Gangue mineral	by field observootion.	Λq	micro-scope	by x-Ray diffraction
Assemblage		<u> </u>		
Alternation mineral Assemblage	by field observootion* Sericite(?).	ρλ	micro-scope	by x-Ray diffraction
Consination of country rocks				

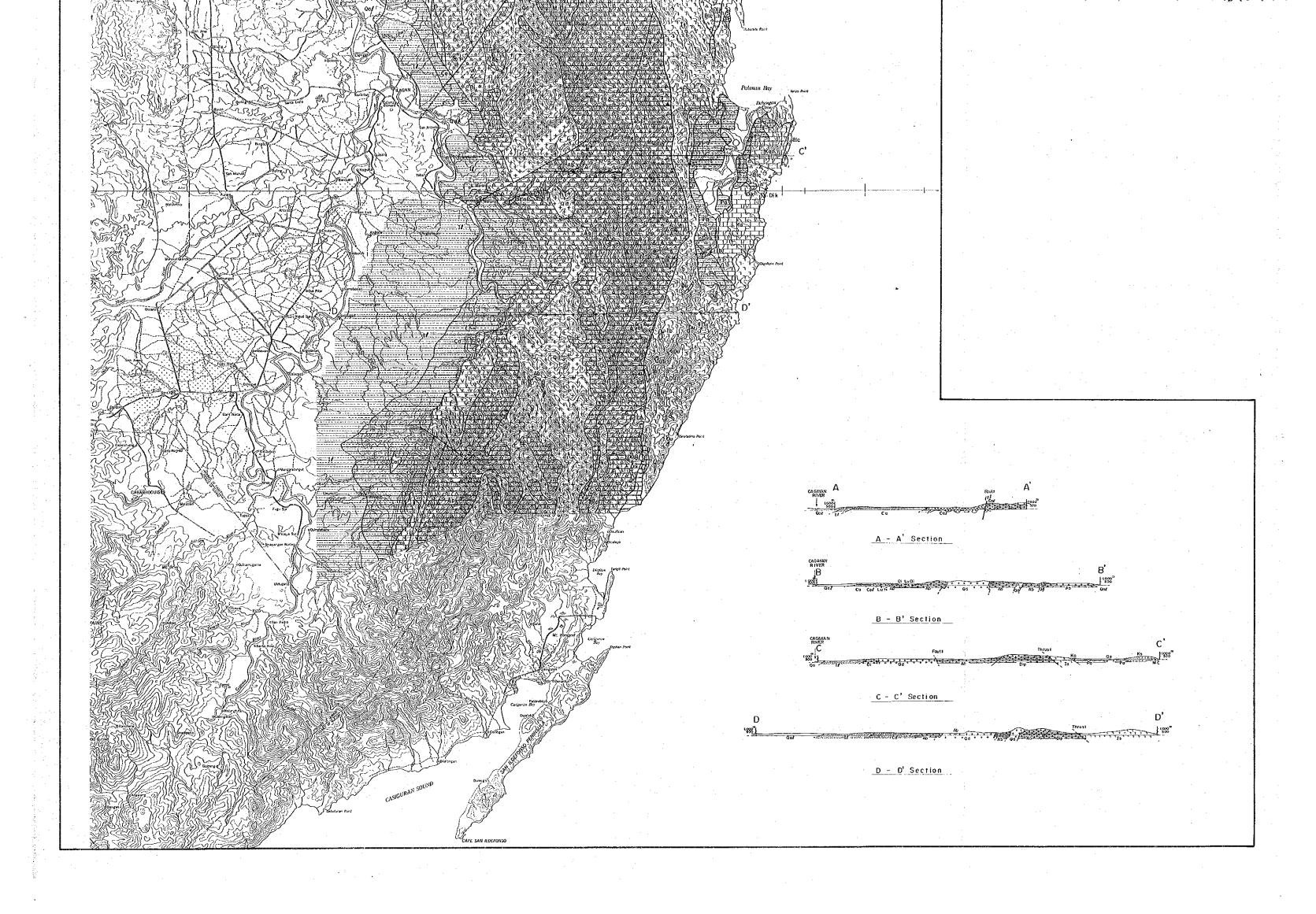
Figure 3, Data sheet for Mineral Prospects (II)

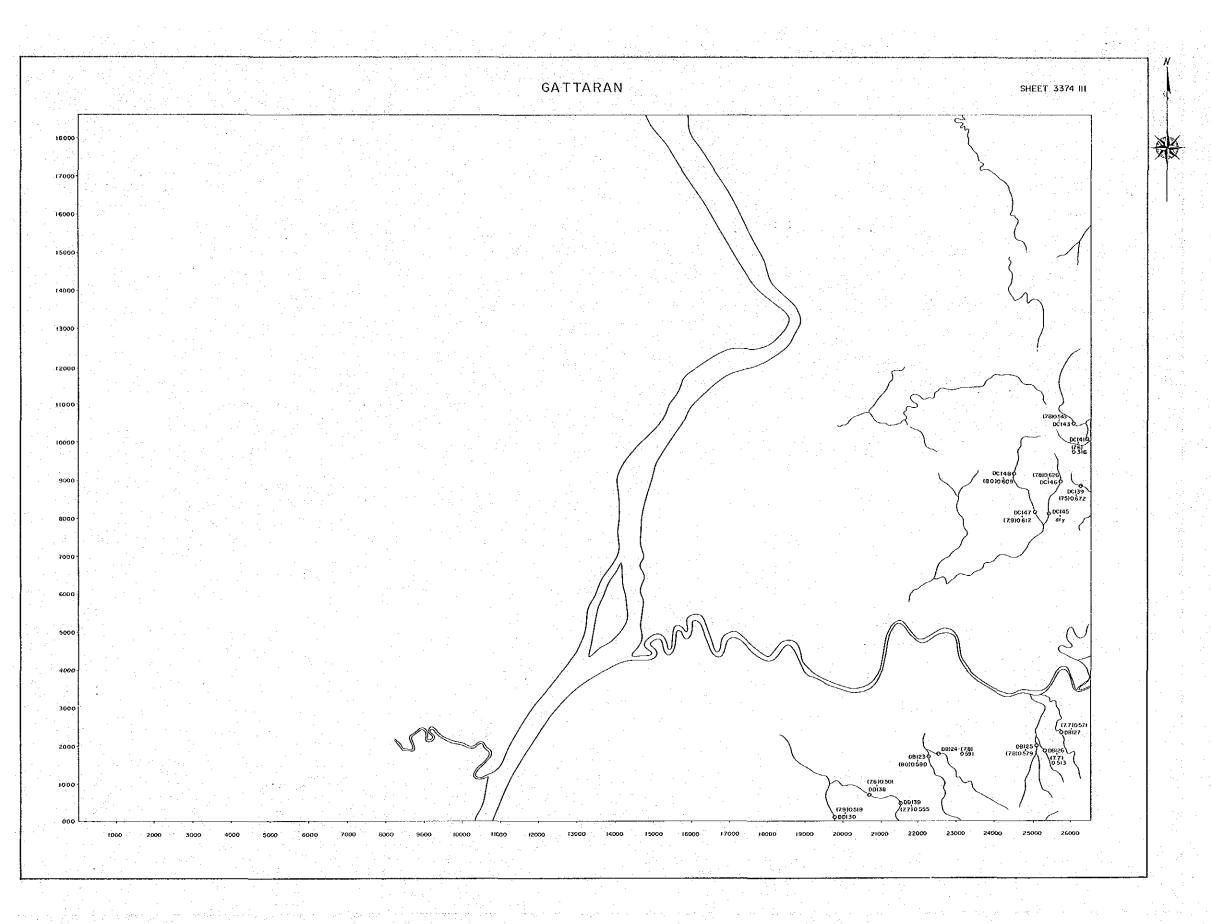


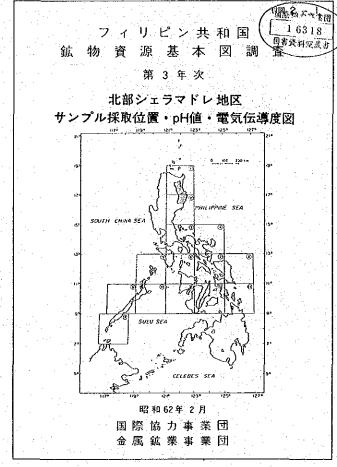


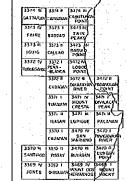








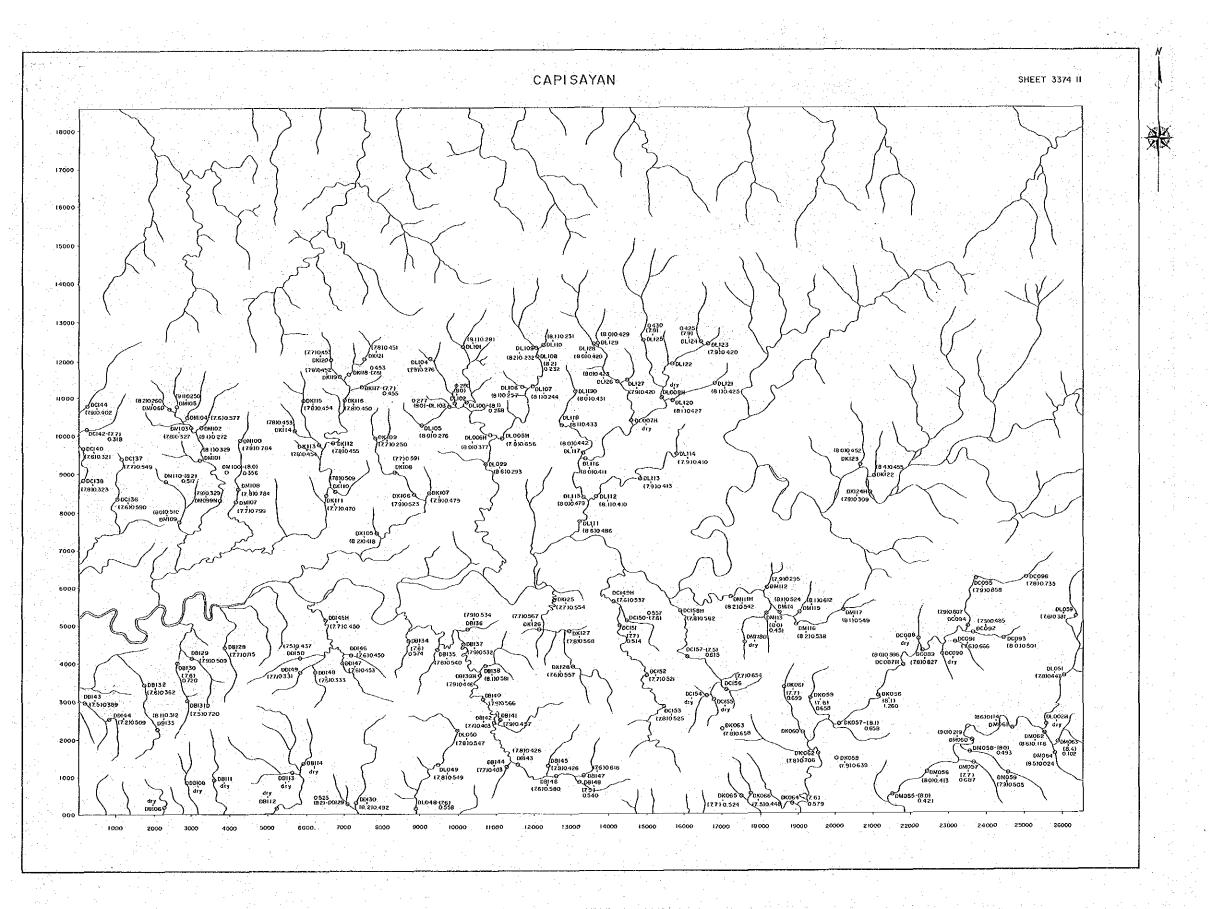


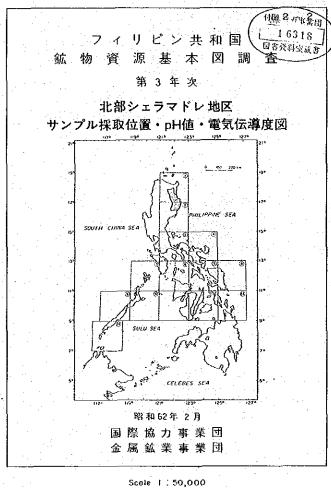


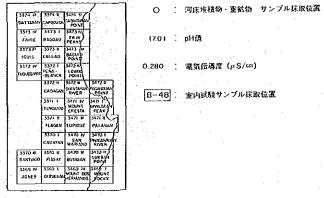
O 河床堆積物・重鉱物 サンプル採取位置

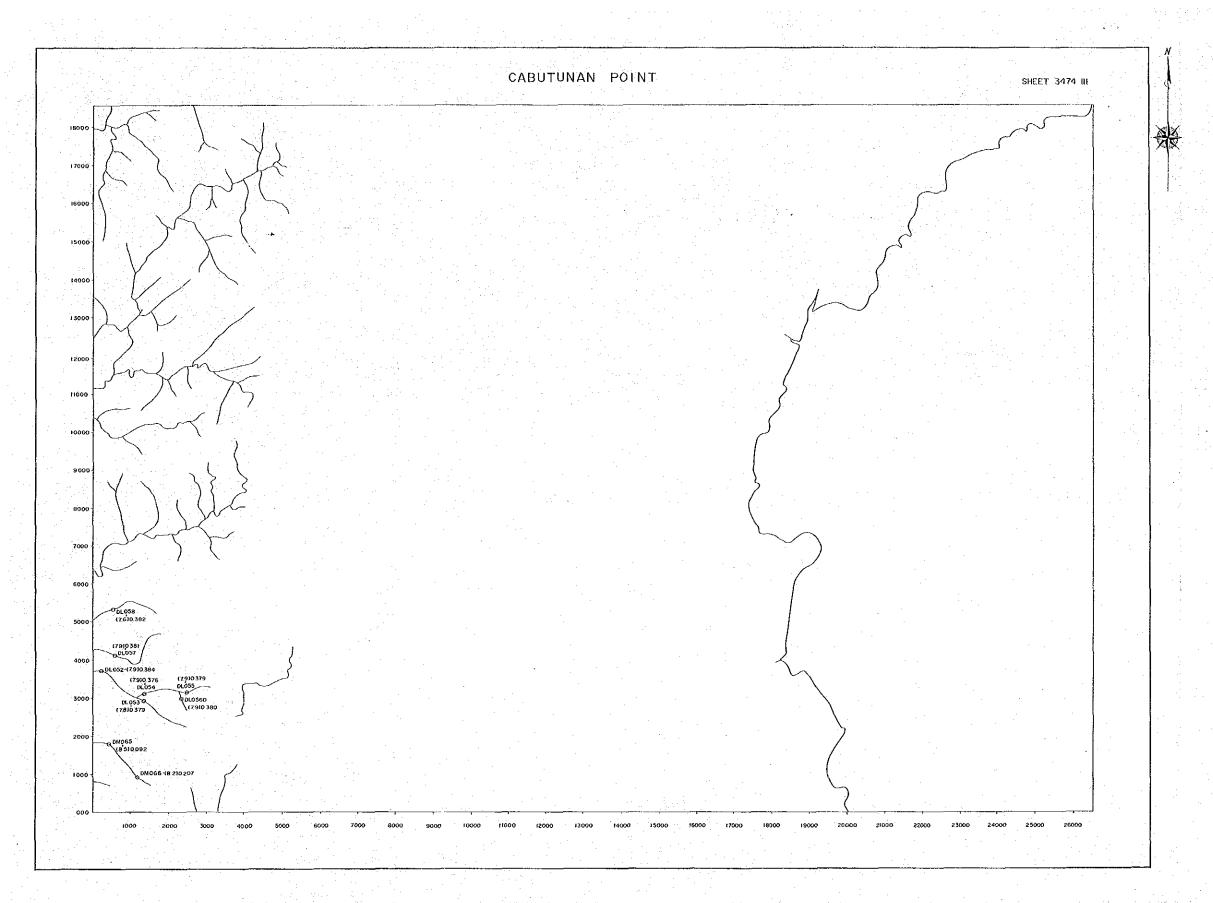
(7.01 pH(

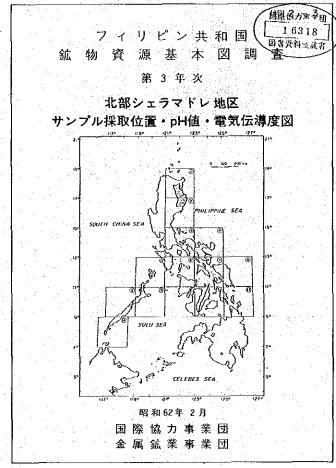
0.280 電気伝導度 (μS/cm)









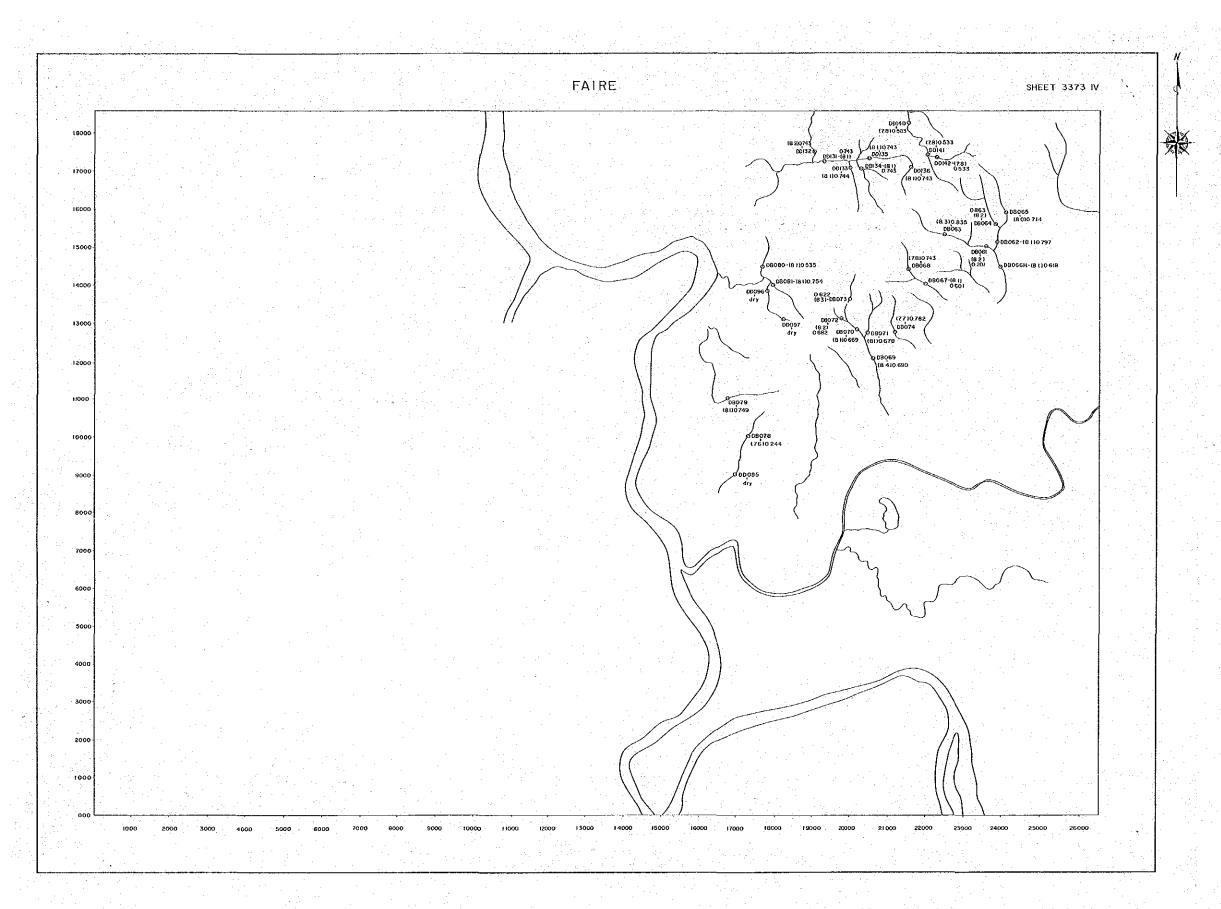


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(7.0) : pH信

.280 : 電気伝導度(μS/cm)

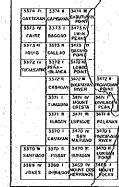
B-48 室内試験サンプル採取位置



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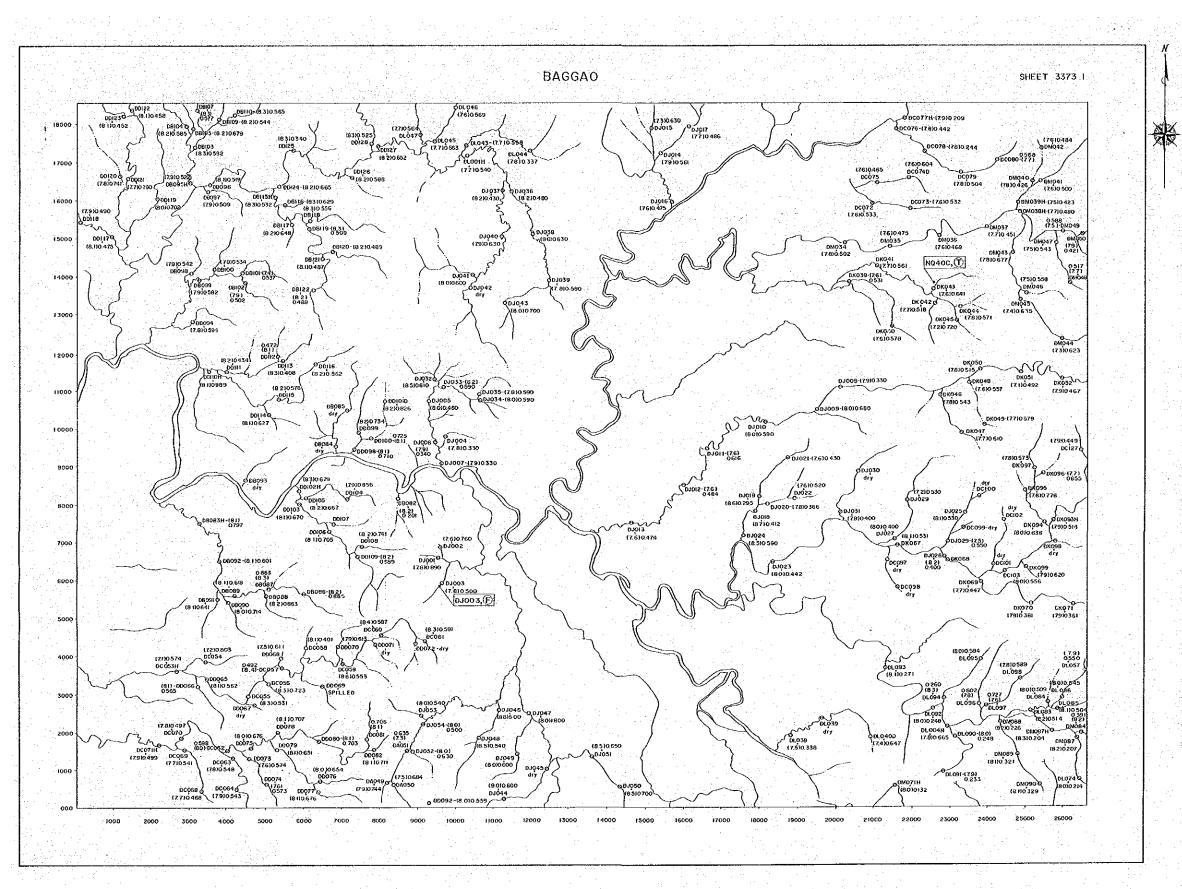


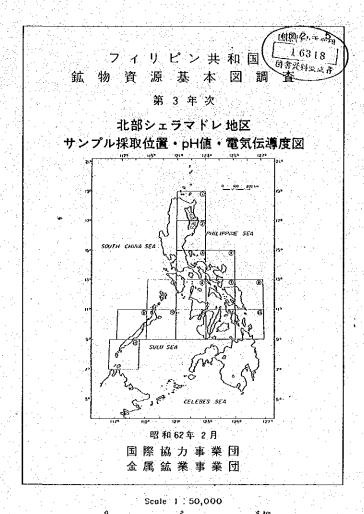
〇 : 河床堆積物・重鉱物 サンブル採取位置

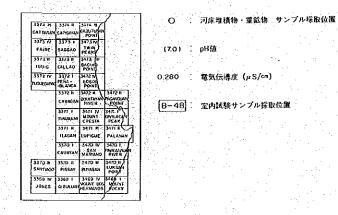
(7.0) pH值

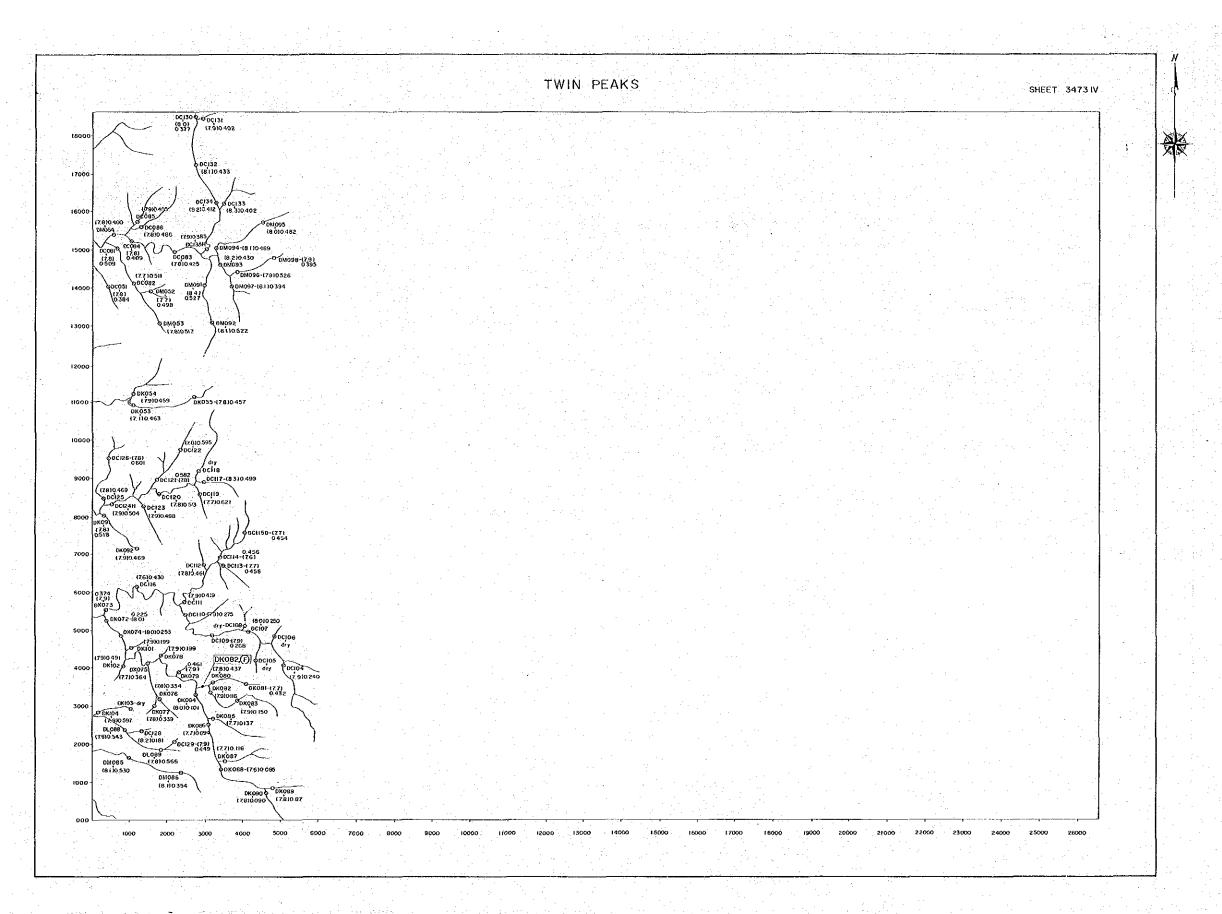
0.280 : 電気伝導度 (µS/cm)

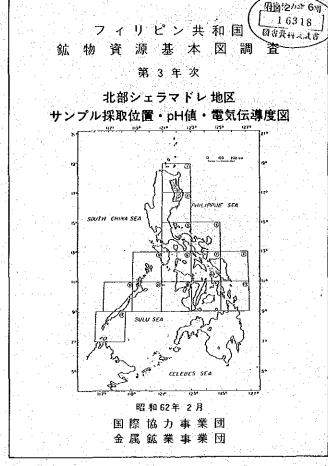
B-48 : 室内試験サンプル採取位置

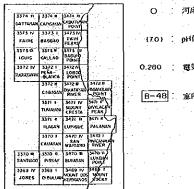






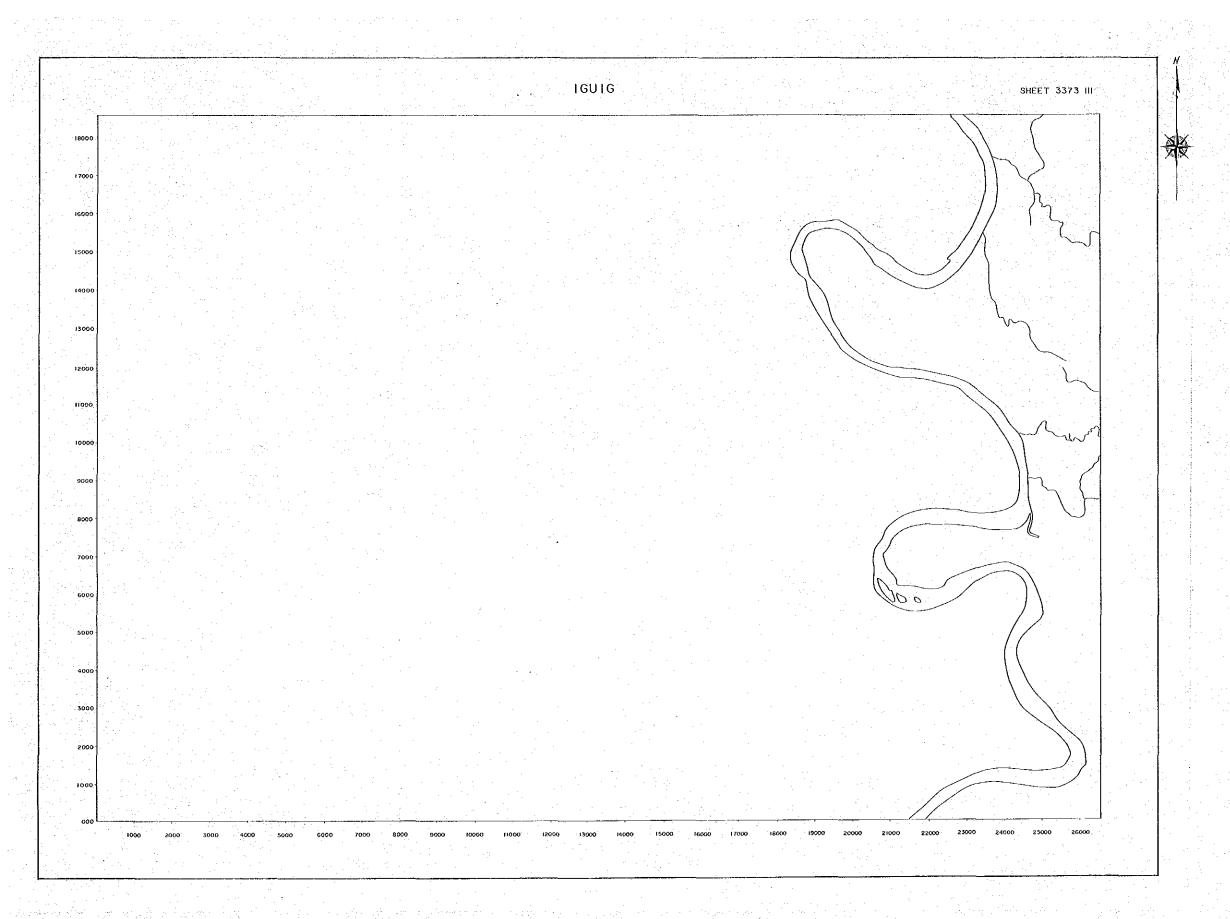


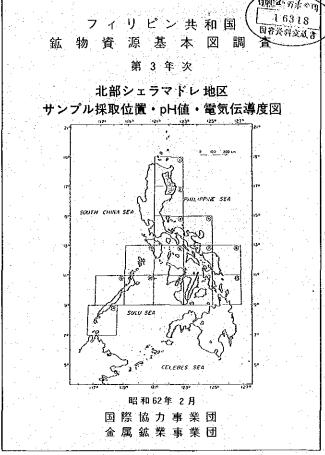




0.280 : 西気伝導度 (#S/cm)

B-48 室内試験サンプル採取位置





Scale | 1.50,000

〇 河床堆積物・重鉱物 サンブル採取位置

(7.0) ; pH

0.280 : 電気伝導度 (µS/cm)

B-48 室内試験サンプル採取位置