Appendix 7-1 Analytical Data of Heavy Mineral Samples

(ppm)																					
	Mo	<2	<2	2	\						:			-	\	2	\			•	\$
	As	<0.5	<0.5	2.5	2.5	<0.5	2.1	4.2	5.7	<0.5	<0.5			-	<05	1.6	<0.5	2.4	1.3	<0.5	3.0
.ea	Мп	4800	1500	2310	1410	2400	1960	1560	1030	170	3300	2500	1340	560	570	1300	1120	920	2800	2500	290
Sierra Madre · Polillo Area	Co	27	20	3.1	22	26	2.9	34	2.7	3	46	65	54	28	14	32	2.7	1.7	4.1	4.5	8.2
ra Madre	N i.	22	13	3.0	24	24	2.7	43	31	9	42	56	3.1	2.1	24	24	36	15	99	4.1	57
Southern Sier	Zn	1060	260	300	166	450	280	290	102	16	490	480	220	4.2	64	203	188	84	540	410	68
Sout	Cu	11	ហ	45	28	22	35	5.7	29	4	22	23	23	14	17	28	17	39	45	27	140
	GB	21	12	13	თ	16	1.2	18	1.1	4	28	24	ដ	12	4	6	12	6	30	24	11
	Au	<0.02			•	~	<0.02	<0.0.0 >	<0.02										->	<0.02	1.5
			6/1	က	4	iO.	g	2	∞	6	10	11	12	13	14	15	16	17	18	19	20
			3263 [E139 HM	3264II E115HM	3264W E103EM	3264M E105HM	3264II E119HM	3264 M M225HM	3265I F162HM	3464II C035HM	N135HM	H014HM	Q046HM	K035HM	33641 M074HM	3365W E198HM	3266II M182HM	3264]] P038HM	3264II K161HM	3364II N100HM	" P139HM

0.2 2.0 0.7 0.20.3 Mo <015 0.1 < 0.5 <0.5 **~0.5** 3.6 0.7 1.6 As 2.6 0.7 4.0 3.7 1.7 4.4 4.3 2.0 Mn 4 8 3.0 ပိ 4.4 ις H 5 5.3 z z n ~ V <u>.</u> Ÿ ∞ Ag V √ 10 V10 0.TV 8 2 2 6 $\frac{5}{2}$ რ Φ ž 9 **S** α Ο 0.064 < 0.025 < 0.02 < 0.02 < 0.0 > N.06 < 0.02 < 0.0 2 < 0.02 < 0.02 N08Ąü 1.4 დ დ 2,1 2 3 80 Q0014 HM K021HM F291HM 3344N N012HM 3264II E113HM E104HM E 16HM 3363N H145HM 3364N F037HM M037HM 3264 II HC75HM 3364 || K001HM M181HM NO 54 HM M180HM P047HM C209HM C211HM

(mdď)

~07 V 05 Мо **0.5 0.5** <0.5 1.1 <0.5 **0.5** 64.0 **0.5** 3.9 <0.5 <0.5 AS 4.4 2.0 0.9 0.5 4.4 2,5 0.5 11 2220 160 2600 3900 930 2280 2036 1240 640 2230 1500 490 1630 1100 1130 2050 1190 8800 2380 ပိ 18 8 4 36 62 8 53 80 4.7 8 33 7.1 80 39 22 40 80 82 37 21 5 **1** 6 Z. 42 43 38 92 36 58 4 9 40 26 56 54 30 29 67 23 38 72 27 27 370 500 410 410 380 2400 89 390 230 370 17.9 192 360 380 380 480 54 197 17 Ÿ Ag 9 \ \ \ 0 | | | 0 T V 0 £3 о **Д** 26 24 9 2 8 25 330 $\frac{5}{2}$ 25 26 12 30 42 23 30 38 31 29 8 24 23 ສ ບ 17 18 12 15 10 ŝ N 24 6 12 14 18 25 3.2 7.2 14 3.4 17 2.1 0.028 < 0.02 < 0.02 < 0.02 < 0.02 < 0.02 < 0.0 2 <0.02 <0.02 0.04 471.04 <0.02 0.04 щ С; 46 52 26 28 59 9 49 50 က 5.4 5 57 4 1 44 47 48 51 MH 680M H046HM C210HM Q017HM H054HM L175HM P122HM C208HM P026HM H067HM H013HM H002HM H053HM P104HM M009HM P049HM H031HM C212HM M075HM

(mdd)

(mďď)	Mo	< 2										,			>	< 2	m	< 2	<u>:</u>	>	\ \ \
	As	0.5	1.1	0.9	6.0	2.7	1.7	<0.5	<0.5	2.0	<0.5	1	<0.5	<0.5	<0.5	2.5	<0.5	2.0	<0.5	2.0	r-i
	Mn	250	1020	1270	2190	1580	1700	1690	2380	1800	1550	3706	026	640	1350	2380	1780	2480	2000	1410	2200
	ပိ	%	32	28	50	30	48	88	36	44	46	39	38	2	35	. 34	83	69	0.9	52	0 4
	ž	\ \ \	39	56	36	33	43	09	42	7.1	30	2.7	23	18	2.1	3.2	3	62	3.9	0.2	53
	Zn	19	174	166	370	210	320	380	380	270	290	068	184	99	176	370	390	210	460	270	520
	Ag	<1							,		·		-							→	\ \ !
	ч	<10											<10	16	<10	-	<10	1.8	<10		<10
	n C n	13	39	210	38	29	34	31	24	2.5	32	3.0	18	1.2	38	43	3.0	28	23	59	40
	ලී	4	6	11	1.7	0 F	31	23	25	8 1	13	26	N N	N	12	13	29	<4	24	18	30
	Αu	< 0.0 2										<0.02	NS	NN	<0.02			<0.00	64.4	<0.0 2	<0.02
l		61	62	63	64	65	99	67	89	6.9	7.0	7.1	72	7.3	74	7.5	26	7.7	7.8	62	08
. [LOOSHM	3266II E318HM	3265W E226HM	3264II E109HM	326 II E099HM	H001HW	32631 H045HM	3364H F004HM	но з енм	F128HM	Q093HM	3363N H146HM	3363W H143HM	3265N E172HM	3264N E118HM	H029HM	3264II H049HM	но 6 6нм	C207	К190НМ

V Mo ന 0 ന 4 <0.5 <0.5 $\frac{2}{2}$ **\0.5** < 0.5 4.2 28 2.0 1.7 2.6 As 2120 1350 2460 2720 520 610 2200 1370 1230 1490 Mn 8 25 ပိ 29 40 39 7.7 24 28 25 23 40 39 39 38 40 89 64 53 က 27 Z 370 280 400 450 25 140 310 164 220 188 Z n , T Ÿ V . V ∞ AB <10 0.IV 0. V 99 P D 2 C 37 3. 4. 23 25 7.0 7.0 29 31 18 22 26 S Z 10 10 13 40 <u>-</u>1 20 딛 g C 16 18 $^{\wedge}_{4}$ 14 24 11 25 2 0140 <0.013 <0.02 < 0.02 <0.02 <0.03 <0.02 26.62 <0.02 <0.02 < 0.02 < 0.02 ß 100 63 66 98 88 68 06 92 94 95 96 26 82 83 84 82 91 81 H028HM 32641 J001HM 3263] H092HM 3264 I G090HM 3264] H178HM 3264] H181HM 3265N M177HM 3363V H140HM 32631 J001HM 32641 C123HM 32631 E131HM 3364II F019HM F068HM L138HM K294HM K345HM M022HM 3245 W G155 32631 E152 L335

(bpm)

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7	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	35 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
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0 1 35 8		7.9 5.9 0.2	
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l io		0	
480		80	
490		29	
340		32	
456		26	
430		62	
390		26	
189		5.8	
7.5		29	
330	01>	36	

M o **%** Ø ? 4 \\ \\ \ **%** 60 Ø က **%** N 2 **%** Ø **%** 77 Ø C) ŝ C) **0.5** 1.7.0 ۲--2.0 3,5 2.2 1.2.0 27.0 A.S 0.7 5.5 5.1 ģ 6.7 5.1 3.4 1820 500 890 3100 210 1160 3600 550 2120 2900 1850 1210 580 3700 350 1250 2150 1020 Mn ∞ ** 52 36 ဆ 24 7 1 5 46 8 5 S 29 20 24 20 2.0 8 2.1 2.1 0.2 10 50 64 30 34 35 4.5 42 12 42 43 12 80 35 37 3.4 5.4 11 z 330 133 125 320 480 450 320 410 92 103 420 65 $\frac{5}{2}$ 16 7.4 121 Z 19 $\vec{\nabla}$ Ag ∇ $\vec{\nabla}$ $^{\circ}$ ന 0.T V V10 450 100 32 73 28 32 16 25 23 28 8 7 204 7.4 45 83 54 61 67 37 24 2.7 24 52 26 33 25 19 ဖ Ŋ 9 28 G B œ 25 53 11 ۲-4 28 27 24 2.7 24 <0.025 < 0.0 2 5 <0.0> <0.02 <0.02 < 0.02 < 0.02 Au 5.2 140 132 126 130 131 133 134 135 136 137 138 139 128 129 121 122 123 127 124 13 3263W H148HM 32641 H261HM 32631 H090HM 3363N H149HM 32641 H180HM 3264N H222HM J233HM 3264N M501HM 32641 H174HM 32651 E280HM 3265W G139HM 3364N H223HM 3266II C305HM 32631 H191HM 32641 H179HM 32651 Q136HM 3265U 2026HM H128 HM 3363N H141 3264 I H177

(mdd)

۲ ۷ Ø ۲<u>۹</u> 8 63 **%** % V % ? V Ø Ø Ķ 8 Ÿ 65 Ø **S S** \ \ 5 Ŋ . ان . ئ ر ئ 3 0 17.0 ωį 9. σ. Q, 1.7 σ, As 1,940 1,770 1,070 290 420 4,400 210 2,490 2,310 280 2,040 2,800 4,5.00 2,000 2,410 1,650 3,500 2,200 1,350 2,360 36 63 44 ပိ 36 **62** 45 22 39 28 4 3.4 21 29 23 9 23 30 36 38 36 33 4.7 30 37 80 23 35 28 38 4.7 62 7 ž 280 145 230 320 35 550 430 380 280 430 069 340 320 191 530 80 330 29 17 Zn ⊽ $\ddot{\nabla}$ Ÿ ∇ Ÿ $\vec{\nabla}$ Ą 乊 \ \ \ 50 0 V 0 7 7 PЬ 45 30 26 26 20 ဗ္ဗ 34 101 8 29 42 28 54 21 61 ວັ 1 9 23 01 15 10 20 ه دي **!~** 23 4 26 26 23 2.4 17 < 0.025 < 0.008 **<0.0** 2 < 0.02 < 0.02 <0.02 0.88 < 0.02<0.02 < 0.02 Αu 3.4 0.4 143 146 152 154 155 156 158 159 160 147 149 150 153 157 151 141 3264N H221HM 3263N H122HM 3264 I G048HM 3264 I X012HM 3264 I X013HM 3264W N501HM 32641 H178HM 3265 II W001 HM 32641 G047HM 3265 II Y007 HM 3265 N Y030HM 3265I R023HM 3266E 3265I Y008HM 3266M G228 3264N N512HM W511HM 3265II T006 E231HM Y512HM 32651

(mdd)

(mdd) $\overset{5}{\vee}$ Mo $\overset{7}{\circ}$ 0 3 , 5 ×.5 9. <.5 .5 6.9 2.7 2.7 As 590 2,000 4,500 4,400 2,110 4,500 330 4,300 Мп ပိ 45 49 80 80 2.7 39 3.4 38 24 16 43 z 39 27 30 37 33 39 206 270 590 520 176 540 590 Zn 8 A 8 $\ddot{\lor}$ $\ddot{\lor}$ 0 V V 10 **P** b 32 102 2 5 20 ი ი 114 46 30 Ç ධ ශ 19 30 40 S Z 9 ۲ 28 뜮 < 0.008 < 0.025 <0.025 < 0.02 <0.0> < 0.02 Αn S Z 1.63 162 191 164 165 166 168 167 3265W G170 3265II Y008 3265II V023 3265II 3265W G172HM 3265 U V028HM V514HM V007

Appendix 7-2 Analytical Data of Heavy Mineral Samples
Bohol · Siguijor Area

		,					-	-		ça <i>ş</i> ek 		· · · · · · · · · · · · · · · · · · ·	(ppm)	·
		Au	Ga	Cu	Рь	A	g	Zn	Νi	Со	Mn	As	Мо	Hg (ppb)
37493-B34HM	1	<.02	1,1	30	<10	<	1	133	22	29	710	210	6	140
37491-B29HM	2		17	44				280	28	64	1600	60	4	86
37491-B16HM	3		16	46	<10			270	20	50	1520	23	< 2	60
37492-B15HMD	4		40	99	<10			320	122	73	1610	290	4	<40
37492-B15HM	.5		5 2	20	12			340	146	8 0	1550	480	5	
37502-B11HM	6		12	30	<10			290	37	3 7	1950	34	3	
37491-B06HM	7		9	39				162	30	41	1110	64	3	
37492-В07НМ	. 8		10	40				137	20	30	910	270	3	
36471-B06HM	9		11	29				182	23	34	1730	52	< 2	
37491-B01HM	10		3 7	59	<10			480	41	117	1940	28	< 2	< 40
37491-B01HMD	11		4 0	58	<10	,	V	490	41	119	2030	44	3	76
37491-A57HM	12	<.02	13	3 8		<	1	240	20	4 6	1370	40	2	<40
37491-A21HM	13	.56	20	46			1	310	22	62	1850	34	2	60
37491-A21HMD	14	<.02	22	44		<	1	330	23	68	1930	42	2	<4 0
37491-A1QHM (5gm)	15	<.04	9	49				240	47	68	1280	200	2	
37491-A01HM	16	<.02	24	43				280	45	80	1550	20	2	
37491-A01HMD	17		24	44				290	46	80	1610	28	2	
37491-A01HM	18		22	5 0				330	50	86	1750	28	< 2	
37491-A01HMD	19		22	42				260	42	74	1460	22	< 2	
37493-A01HM	20	<.02	<4	2	<10			9	4	4	79	20	< 2	<40
	21	<.02	42	107	11			310	123	73	1490	390	4	4 5
37491-E71HM	22		19	22	<10			127	47	28	690	680	13	5 3
37491-E50HM	23		12	38	<10			151	18	33	800	140	3	<40
37492-E29HMD	24		35	38	1.8			350	123	77	1920	200	15	<40
37492-E29HM	25		37	39	20			350	118	78	1800	80	14	50
37491-E27HM	26		13	33	<10			124	17	28	1220	260	3	<40
37502-E07HM	27	< 02	15	29				330	41	38	2010	48	3	
37491-D63HM	28	N.S	NS	15	·			117	22	18	630	520	3	
37491-E-10HM	29	< 02	7	50	<10	١,		71	16	20	1000	130	< 2	*
37491-E05HM	30	V	13	40	<10	<	(1	149	24	39	1040	120	2	<40

		1			1	ı		1		1 -	i	1	ı	ı		1 '11	T .
		A	u l	Ga	Cu	F	b	A	g.	Zn	Ni	Co	Mn	As	Мо	4 .	Ig pb
37493-D07HM	31	<.	02	24	62	<	10	<	<1	390	31	79	1770	64		<	40
37493-D05HM	32			5	15					67	22	17	510	58	;	3	
37491-D01HM	33			33	52					430	29	79	2230	45		1	
37491-C41HM	3 4	1		20	53			:		300	20	47	1650	62		3	
37491-C23HM	35	<.	02	16	60					240	42	52	1420	110	:	3	
37491-B82HM	3 6		20	7	9					47	16	10	270	310	,	1	
37491-B63HM	37	<.	02	12	29					137	16	30	880	88	< :	2	
37491-B54HM	38			19	35	<u> </u>				240	22	49	1190	78	. ;	3	
37491-B45HM	39		,	1 2	32					250	31	27	1590	32	ž	3	,
37491-B43HM	40	<.	02	11	48		-			139	15	3 5	1080	1 20	3	<	40
	4.1		04	5	17					64	22	19	560	24	4	1	40
37492-B40HMD	4 2		02	7	44	<u> </u>				84	12	19	470	220	4	<	4 0
37492-B40HM	4 3	<.	02	7	45					103	11	20	490	240	3	<	40
37492-Q30HM	4.4	N.	S	N.S	46					188	78	56	1270	650	8		40
38493-Q15HM	4 5				169					420	147	44	890	120	< 2	5 7	7 0
38493-Q15HM	4 6				191					570	129	43	1700	100	1 5	4	50
38493-D68HM	47				47	<u> </u>				270	83	67	130	400	< 2	<	40
38484-P59HM	48				24					380	25	6 7	2030	< 5	3	<	40
38493-P58HM	49				39	_				239	45	72	1610	39	< 2		74
38493-P48HM	50				50	-	-			450	40	50	3250	110		<	40
38494-P42HM	51				31					300	48	57	1480	< 5		<4	0
38493-P38HM	5 2				88					255	50	36	1700	110		<4	10
37492-P31HM	5 3				10					5 7	16	12	340	64		<4	0
38484-P31HM	54	-			73					400	53	7 3	25 40	130		1	80
37492-P80HM	5 5				12					5 3	18	14	360	3 3		<4	0
37492-P28HM	56				27					143	50	3 6	790	270	+	<4	0
38484-P19HM	5 7				25			H		275	58	50	1500	350		<4	0
38493-P14HM	58		-i		5					71	15	12	330	71		<4	0
38493-P13HM	59.		,		26					96	26	16	450	180	< 2	<4	0
37492-P04HM	60	N.	s	N.S	27	<u>ب</u> >	10		<u> </u>	150	35	44	1050	340	7	<4	0

(ppm) .

								·					سند سمد
		Λu	Ga	Cu	Рb	Ag	Zn	NI	Co	Mn	Аδ	Mo	Hg (ppb
	61	<.02	12	19	<10	<1	124	30	59	1030	12	<2	<40
38484-P01HM	62	N.S	N.8	22			156	78	39	830	50	<2	<40
37491-P01HM	63			25	<10		160	29	40	1060	210	5	<40
37481-P01HM	6 4			26			250	45	47	1430	23	5	
37492-N50HM	65	N.S	N.S	24			140	3 0	3 7	960	220	5	
38484-N47HM (5gm)	66	<.04	16	29			260	39	62	360	8	3	
38484-N25HM	67	N.S	N.S	28			320	39	5 5	1800	<5	2	
38491-N14HM	68			23	<10		168	17	37	1050	<5	<2	
38484-N13HM	69			73	5 6		141	38	30	670	24	3	V
37492-N01HM	70		V	21	<10		147	23	3 5	860	130	5	< 40
38493-M61HM	71	N.S	N.S	23	<10		149	25	35	970	66	3	40
38493-M51HM	72	<.02	52	50	12		260	127	70	1700	130	25	< 40
37481-M37HM	73	N.S	N.S	14	<10		59	37	19	290	: 44	7	
38484-M35HM (5gm)	7 4	< . 04	8	29	<10		250	38	60	1300	12	<2	
37481-M23HM	7 5	N.S	N.S	25			210	58	49	1100	13	4	V
37491-M22HM	76	N.S	N.S	33	<10		310	53	5 7	1720	30	2	< 40
38484-M01HM (5gm)	77	. 28	9	100	135		152	44	36	850	18	<2	370
38493-L67HM (5gm)	78	< . 04	4	15	<10		96	13	17	770	26	<2	<40
37481-L24HM	79	<.02	16	24	<10		144	31	38	920	260	6	< 40
38484-L13HM	80	N. S	N.S	139	80		142	43	33	720	28	<2	280
38493-L07HM	81	<.02	26	99	24		280	160	141	4600	130	12	46
	82	<.02	7	13	<10		67	3 3	22	520	84	< 2	<40
38484-L05HM	83	N.S	n.s	19			250	4.0	47	1470	6	2	
38491-K56HM	84	N.S	N.S	20			54	14	14	600	<5	<2	
38491-K40HM	85	.02	6	30			3 3	12	13	560			
38502-K34HM	86	N.S	N.S	4			25	5	4	280		1	
38491-K27HM	87	27	7	101			5 5	21	14	550	<5	<2	
38493-K13HM	88	<.02	4	25			5 9	24	13	370	72	3	
38491-J91HM	89	N.S	N.S	9			28	20	5	390	<5	<2	V
38491-J48HM (5gm)	90	<.04	7	22	<10	<1	51	14	13	560	7	<2	<40

			·						-	+	744			(ppm,	<i>,</i>
		Au	Ga	Cu	P	b	A	g	Zn	Ni	Co	Mn	As	Mo	Hg (ppb)
38493-J27HM	91	. 19	12	28	<1	0	<	(1	200	26	37	1240	24	2	<40
38491-J19HM (5gm)	92	<.04	10	31		Ψ			91	29	17	1080	65	2	
38491-J09HM	93	<.02	4	21					41	21	9	380	60	<2	<40
38502-J08HM	94	N.S	N.S	57					51	38	18	440	88		50
38491-J07HM	95	<.02	5	49					8 2	61	19	920	26		<4.0
38502-Ј06НМ	96	N.S	N. S	6					13	9	3	270	<5		
38492-J04HM	97	<.02	4	25		,			32	250	21	550	20		
38492-J01HM	98	<.02	6	29	<1	0			51	109	18	590	18		
38491-H66HM	99	N.S	N.S	22	2	0			72	17	16	940	32		
38493-N45HM	100	N.S	N.S	20	<1	0			96	26	21	690	34	<2	<40
	101	<. 02	17	15	<1	0			152	31	47	1060	<5	2	110
38493-H44HM	102	<.02	9	37	<1	0		-	159	3 1	34	840	120	3	100
38491-H34HM	103	N.S	N.S	12	<1	0			29	1 9	8	330	28	<2	<40
38491-H23HM	104	< . 02	10	24	<1	0		-	173	56	5 7	1020	< 5		
38492-H14HM	105	<.02	4	2 5	<1	0			29	290	22	580	18		
38491-H13HM	106	.054	6	13					79	19	23	580	< 5		
38502-H11HM	107	. 12	<4	4					15	6	4	300	< 5		
38502~H07HM (5gm)	108	1.1	<4	4					20	8	5	450	<5		
38491-H01HM (5gm)	109	< . 02	5	22					123	30	2 2	1130	56		V
38491-692HM	110	N.S	N.S	13					55	49	15	570	< 5		<40
38491-656HM (5gm)	111	<.04	5	13					33	11	10	500			46
38491-626HM	112	<.02	5	17					42	67	22	500			<40
38492-6-45 HM	113	N.S	N.S	13					50	41	15	490	<5		
38492-6-11 HM	114	<.02	4	17					43	61	16	530	52		
38502-6-11 HM (5gm)	115	< . 04	8	24					60	16	13	510	10		
38491-6-10HM	116	< . 02	6	14			-	,	67	28	2 5	510	66		
38491-F71HM	117	<.02	5	24			_<	(1	2 9	11	1 3	320	< 5		< 40
38491-F55HM	118	. 94	7	18				2	8 1	13	15	690	<5		170
38492-F42HM	119	<.02	12	20		,	<	(1	120	29	5 9	980	<5	<2	<40
38502-F29HM	120	.02	<4	11	<	10	<	(1	21	7	.10	250	54	6	<40
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	,				,				*******		_		(ppm)	
		Αu	Ga	Сц	P	b	Ag	Zn	Ni	Со	Mn	As	Mo	Hg (ppb
38502-F12HM	121	< 02	<4	11	<1	0	<1	14	13	20	570	43	<2	< 40
38491-F11HM	122	↓	6	12				6.5	18	19	540	< 5	<2	
38493-F11	123	<.02	9	26				107	30	22	640	160	3	
38502-F04HM (5gm)	124	<.04	6	17				32	13	12	410	<5	<2	
37473-SE11HM	125	<.02	20	38				290	37	76	1570	<5		<40
36471-SE01HM	126		18	29				280	3 2	59	1600			170
37473-SE01HM	127		10	17				150	36	4 4	1090		4	< 40
37473-SD01HM	128		12	20	<1	0		128	30	41	990		<2	99
37473-SC19HM	129		18	5 3	1	8		320	49	66	1810	< 5	2	<40
37474-SC01HM	130	<.02	17	44	<1	0		270	38	59	63000	110	9	
37473-SB08HM (5gm)	131	<.04	10	14				110	37	32	810	<5	<2	
37474-SB01HM	132	< 02	7	18				78	19	21	4200		<2	
37473-SA09HM	133	N.S	N S	25				67	60	28	690		2	
37474-SA04HM	134	<.02	<4	10	<1	0	<1	17	23	10	940	- V <5	5	<40
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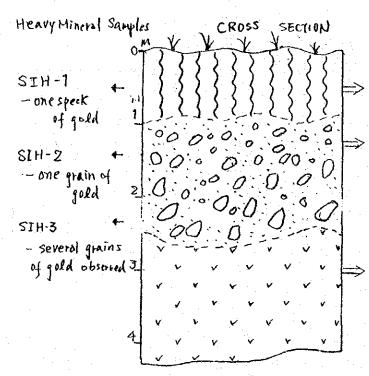
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Ē,	4	0.18	0°15	3 6	0.16	0.13	0.23	0.19	0.09	0.18	0.0	0.14	0.12	0.17	0.15	0.10	0.2	0.15	0.14	61.0	0.24	0.08	0.13	0.18	0.21	0.30	0.17	0.33	8	0.0	1.0	0.10 0.13	97.0	0.16	0.23	0.13	0.11	0.16	61.0	0.15	0.10	0.0	9.09	0.10	0.23	0.02	0.13	0.10	0.09
7205	4	(0.0)	6,0	50.0	00	0.39	0.10	0.15	0.11	0.16	0.13	6.23	90.0	0.41	6.34	0.19	0.02	0.15	Ş	9.16	0.13	0.07	(0.0)	(0.0)	0.03	0.21	0.07	0.17	0.13	0.12	0.15	\$1.0	1 6	8	4	0.29	0.28	9.03	0.00	0.11	\$0°0	0.08	90.0	0	0.13	(0.0)	0 01	69.01	6.0 1
- E	4	0.540	0.880	0.540	0.510	0.370	0.670	0.560	0.420	0.470	0.400	0.650	0.510	0.530	0.540	0.260	0.530	0.630	0.440	1,330	1.410	0,450	0.420	0.540	0.620	0.610	0.700	0.730	0.540	0.320	0.530	0.770	700	0.770	1.140	0.380	000	0.320	0.510	0.520	0.070	0.330	0.420	9 9	0.710	0.170	0.060	0.310	0.310
<u>s</u> .	4	0.42	0.97	44	0.65	0.99	0.70	0,13	1.21	0.57	2.13	1.78	0.14	2.47	2,11	1.64	0. 1	0.94	1,26	0,11	0.11	0.60	90.1	9.31	0.35	0.44	0.44	0.24	1.42	1.14	61.5	86	5 6	09-0	0.25	3.05	3.02		33	0.61	0.03	7,28	38	77.	1.73	90.0	0.07	1.4	1.54
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Z,	·ŧ	11.19	و و و	2 2	10.73	7.12	8.11	9.65	3.05	8.95	3.83	7.30	12.04	6.28	8.11	4.08	8.1	8	9.9	10.13	5.30	6.42	5,3	9,34	8,19	8.92	5.24	13.83	7.74	1.79	٧,	12.04	9 0	9.26	13.07	5.64	6.37	4,30	8,39	5,33	0.55	3.37	5.27	5,3	4.SB	0.05	96.0	5.39	2.28
ē.•	+k	3.03	7.5 ₹	2 6 6. c	2.2	8.9	2,23	8.5	0.40	6.17	1.13	5,33	6.35	2.23	3.50	1.24	4.66	3.77	3.86	4.23	4.31	1.78	2.78	4.38	3.08	3,85	50	2.46	3.07	2,59	1.66	0 0 0 0	5 5	2.66	11.87	1.70	1.98	9	6.03	3.27	32.10	1.80	2.3	2.58	2.49	0.20	32.65	1.40	0.89
£e203	4	10.07	9.66	20	10.71	7.50	9.15	8.70	જ	7.51	4.56	7.36	88	6.94	6.57	2.66	10.83	7 15	5.74	11, 23	10.45	4.70	6.19	9.62	9.20	7.84	63	5.40	7.08	3.7	6.35	8 1	, ,	8 17	11 30	5.77	6.07	7.01	8.85	7.29	7.28	30.	8.	88	10 88	08.0	7.87	33	2.69
Deg *	-1	0.018	0.046	0.00	0.032	0.028	0.026	6.00	0.047	0.013	0.038	0.031	0.003	0.068	0.054	0.027	0.00	0.016	0.030	0.0	0.012	0.017	0.021	0.012	0.017	0.018	0.013	0.017	0.052	0.025	0.077	82	4.0.0	0.012	0.006	0.092	0.079	0.011	0.013	0.017	0.019	0.042	0.013	0.026	0.035	0.006	0.00	0.031	0.027
A1203	4	18.88	15.62	2 4	17.74	12.89	17.68	15.24	17.84	12.91	12.77	13,39	17.22	17.08	16.48	13.97	16.64	17.16	15.60	13.41	13.17	16.49	14.21	16.00	15.89	15.99	15.50	16.56	15.57	15.20	17.03	14.83	10.01	13.01	13, 15	15.74	16.07	12.37	14.21	15.75	1.99	14, 33	14.91	15.92	1.00	9 0	1.67	12.42	13.11
2102	4	50.94	35 C	8	47.10	55.73	54.06	56 17	74.93	54.98	70.02	52.45	52.88	59.48	24.67	69.34	52.59	33	56.93	51.3	57.12	61.33	63,73	51.83	53.08	25.69	26.52	49 75	53.81	54.54	59.17	86	8 2	55.06	44.96	59.64	29.08	23.33	53.62	58.45	41.64	68.70	66.15	83.28	06.09	8.8	42.88	73.79	75.08
E .	4	DELAYED	DELAYED	DELAYER	DELAYED	DELAYER	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED TELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED	DELAYED																
D CORPO	description	A 0501-55	4 0506-73 0509-92	36-526-36	6231-139	8 510-01	8 517-02	B 615-05	8 517-01	8 613-04	R 619-03	8 620-02	8 624-01	0 0121785	E 117	3 242	1351	H 502-01	H 524-01	H 614-02	H 624-01	1 23-326411	I S4-3264II	J 508-16	1 509-12	3 512-26	1 514-09	198	333	N 242	4K-08	AK-17 88-09	24-V3	ER-08	R-04	R-10	1-1:	K-13	R-15	R-17	R-19	R-21	::- :-:-	R-29	R-31	R-33	BOCIOL	HAHAYAG 1	HAHAYAG 2

Southern Sierra Madre-Polillo Area and Bohol Siquijor Area Results of Whole Rock analysis. Appendix 8

SPOT INVESTIGATION NO. 7 (PAPAYA)

TRENCH 1. LOCATION: PAPAYA CORDRANGLE X: 17.250, Y.S.KOD CABU RIVER

> Trench is located at ~25m elevation above present river bed.



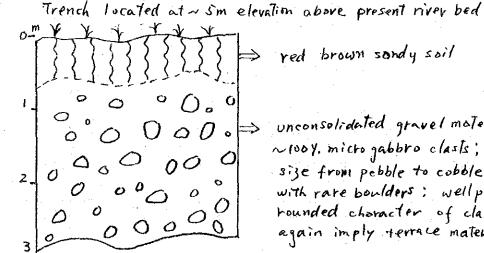
red soil; sandy quarty grains

unconsolidated gravel material; clasts compose of ~50% gabbro, ~30% basalt, ~20% basaltic clastics; imbrication of clasts is evident suggesting that that is terrare gravel.

altered basalt; epidotized and chloritized with minor prile; occassional broken pillows observed.

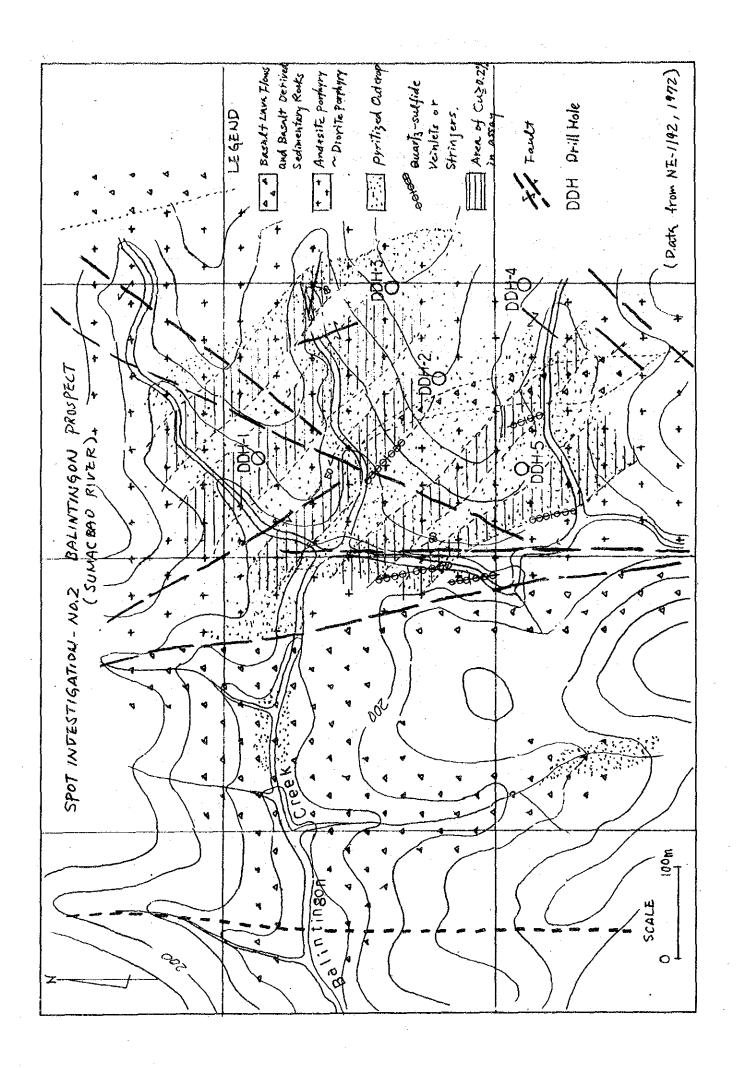
TRENCH Z

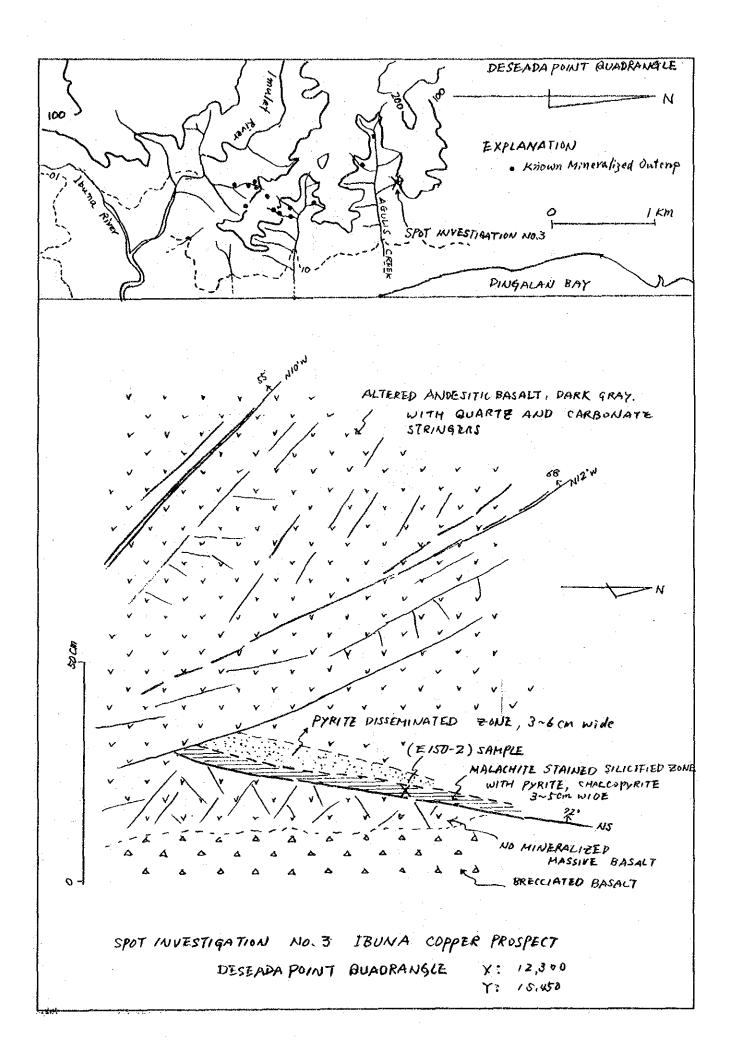
LOCATION: PAPAYA CORDRANGLE X: 19,200, Y: 15,800 CABU RIVER

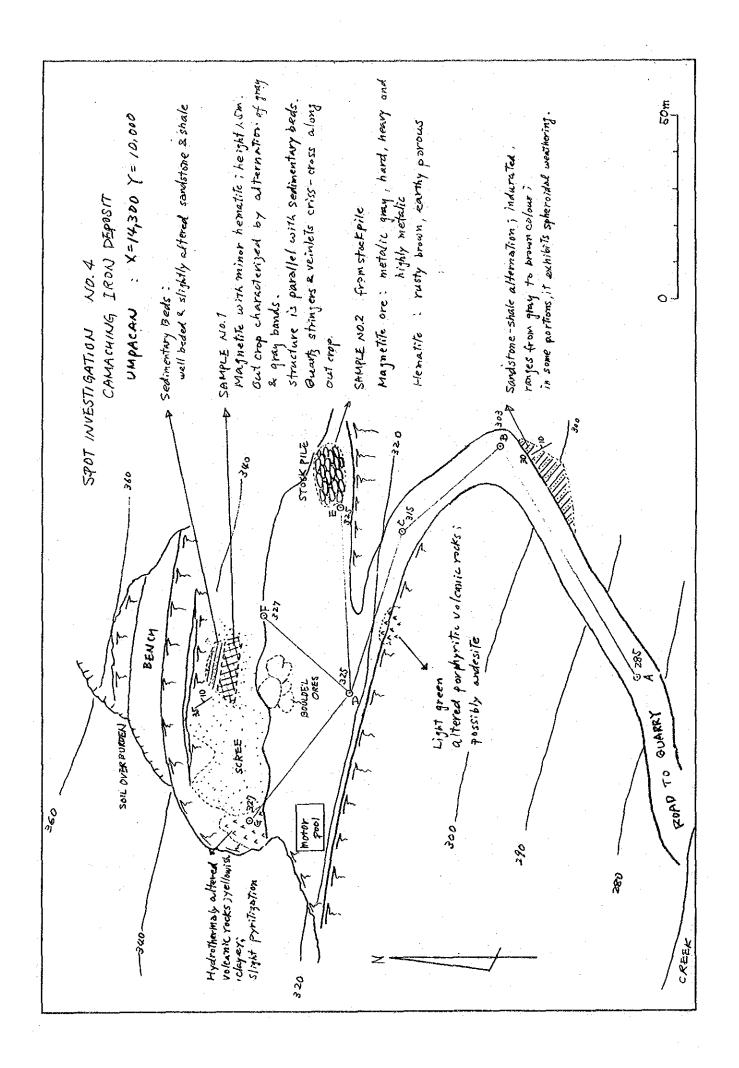


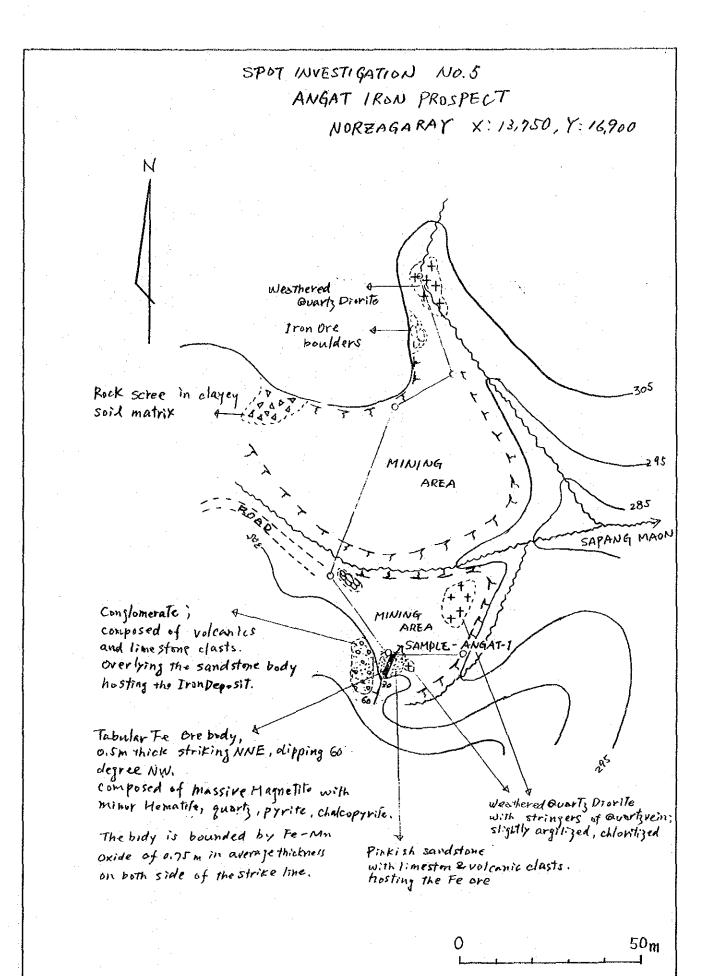
red brown sondy soil

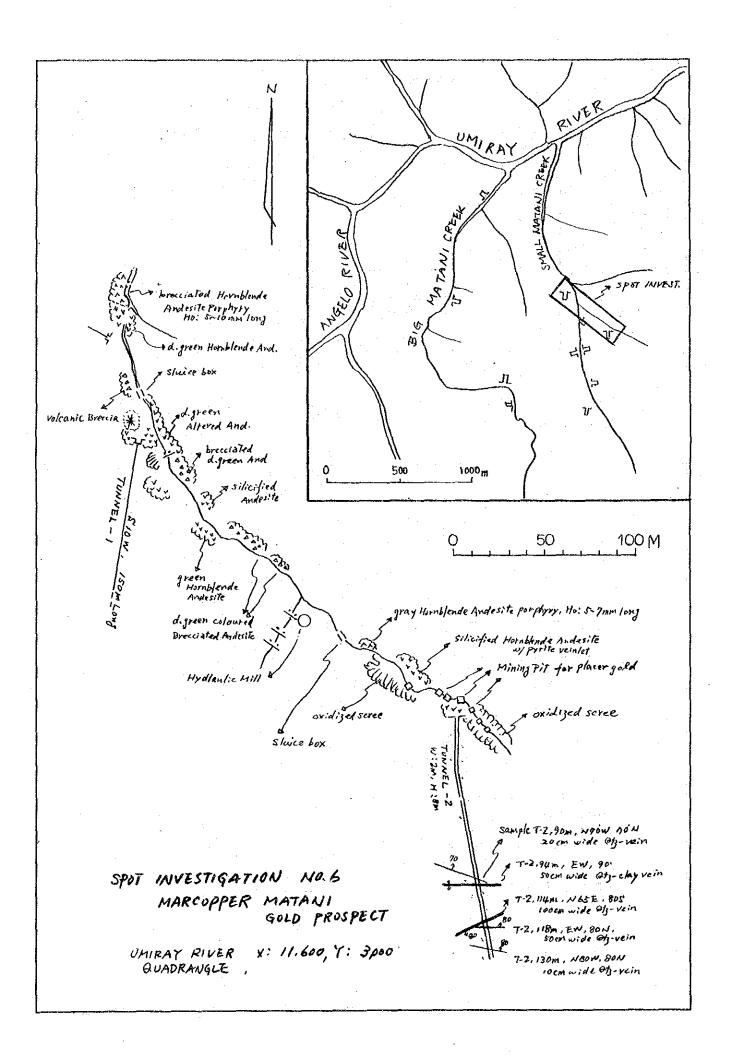
unconsolidated gravel moterial; ~1004. micro gabbro clasts; size from pebble to cobble with rare boulders : well polished rounded character of clasts again imply terrace material.

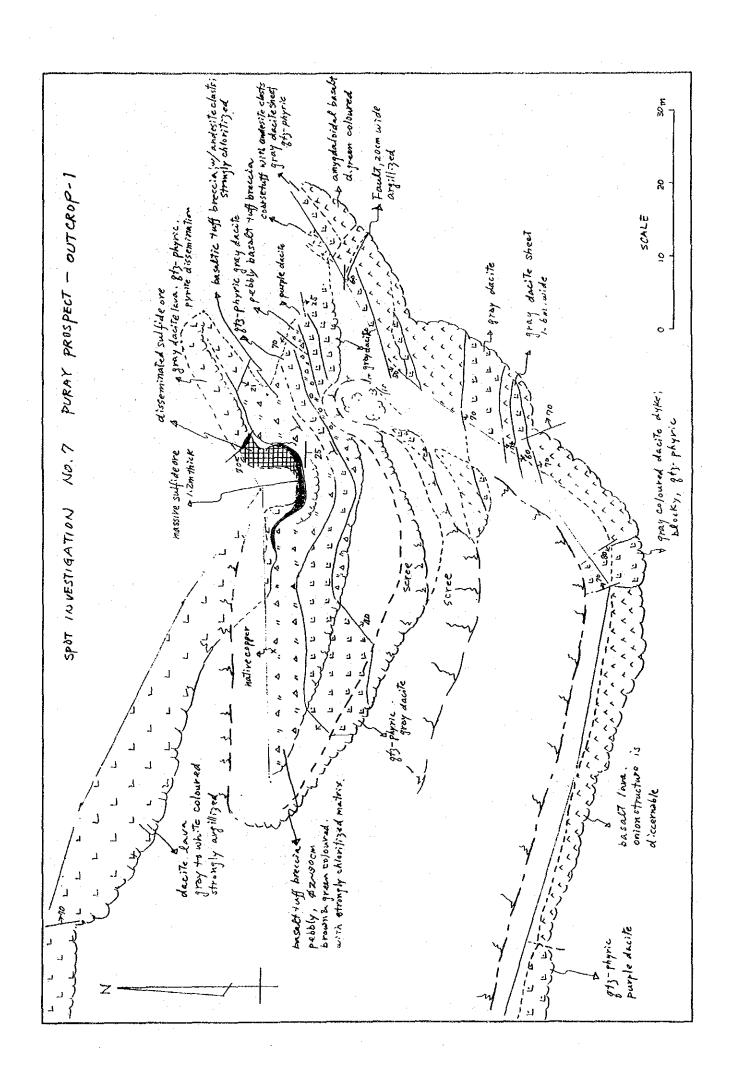


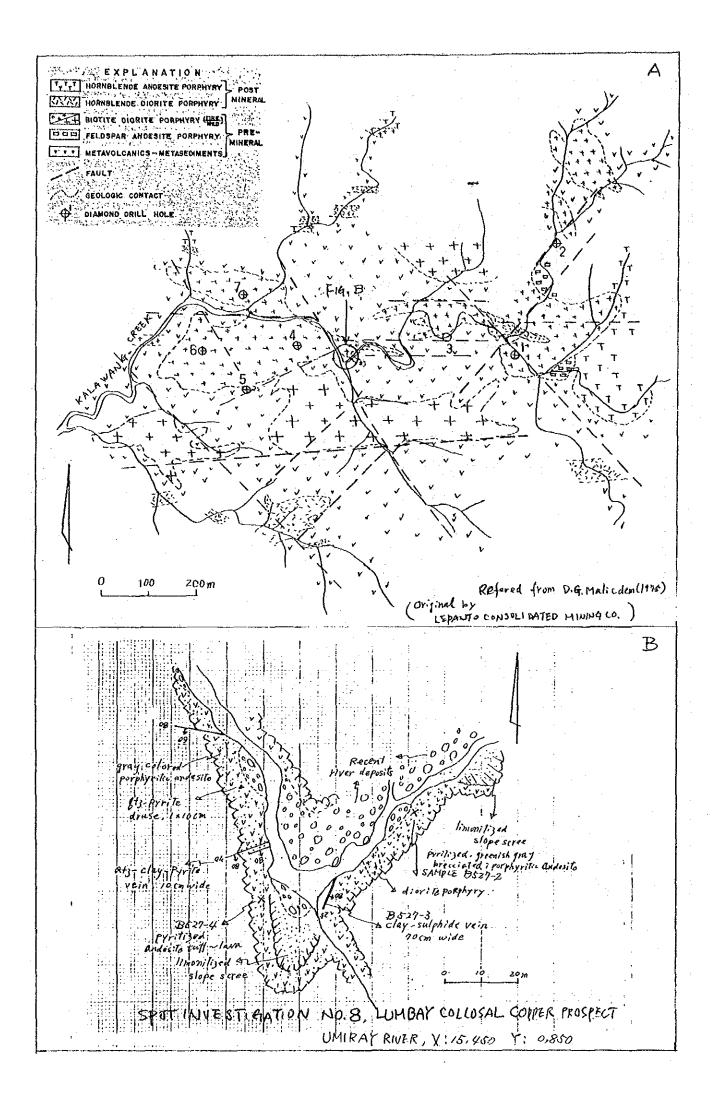


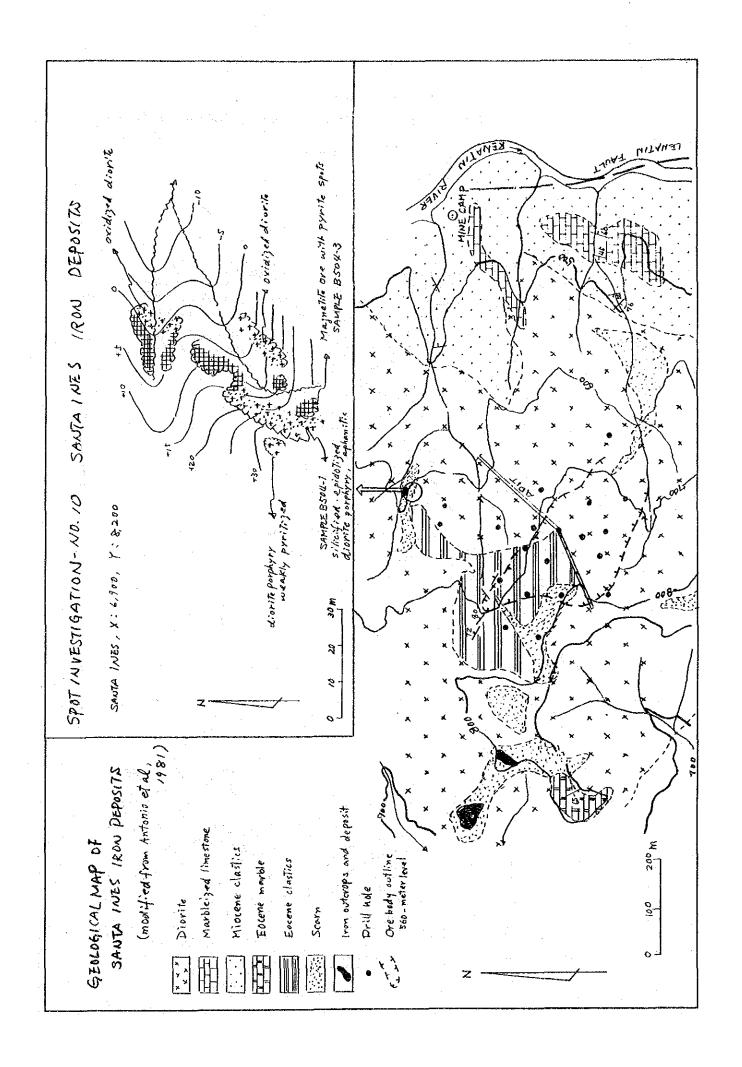


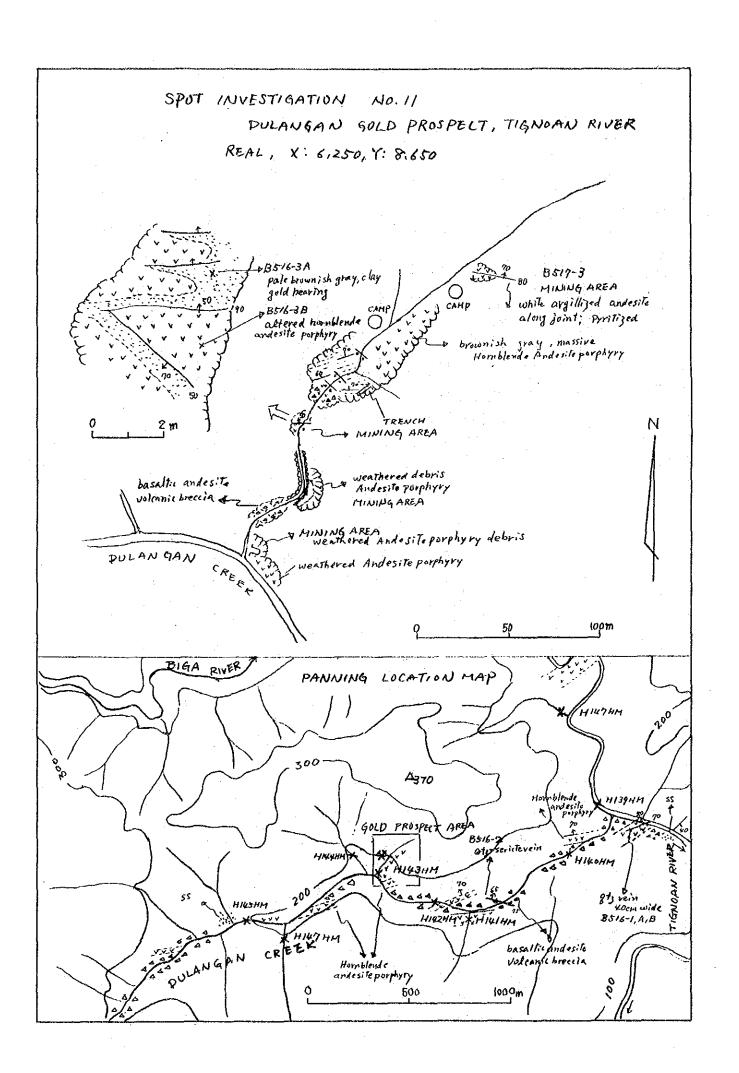


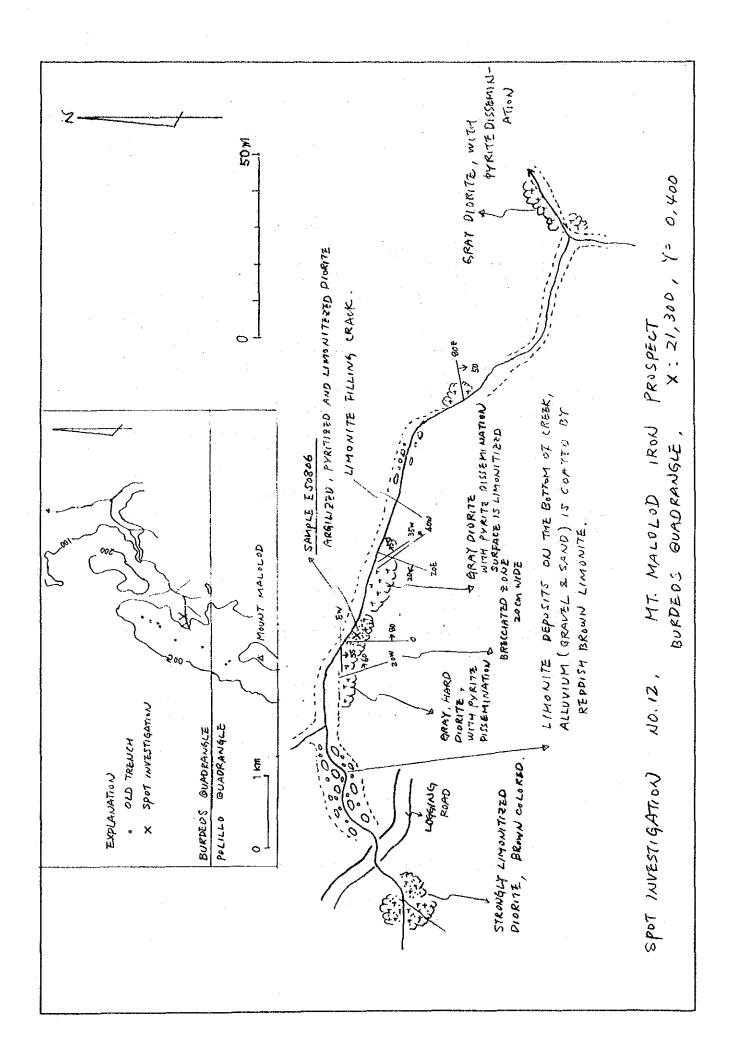


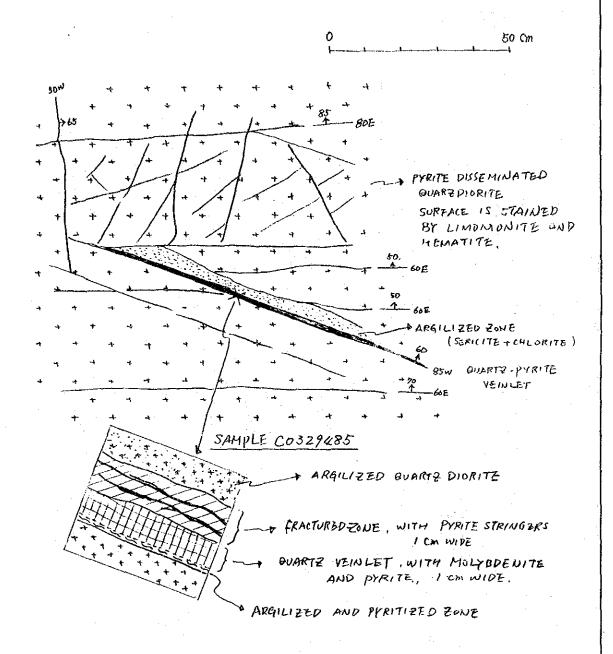






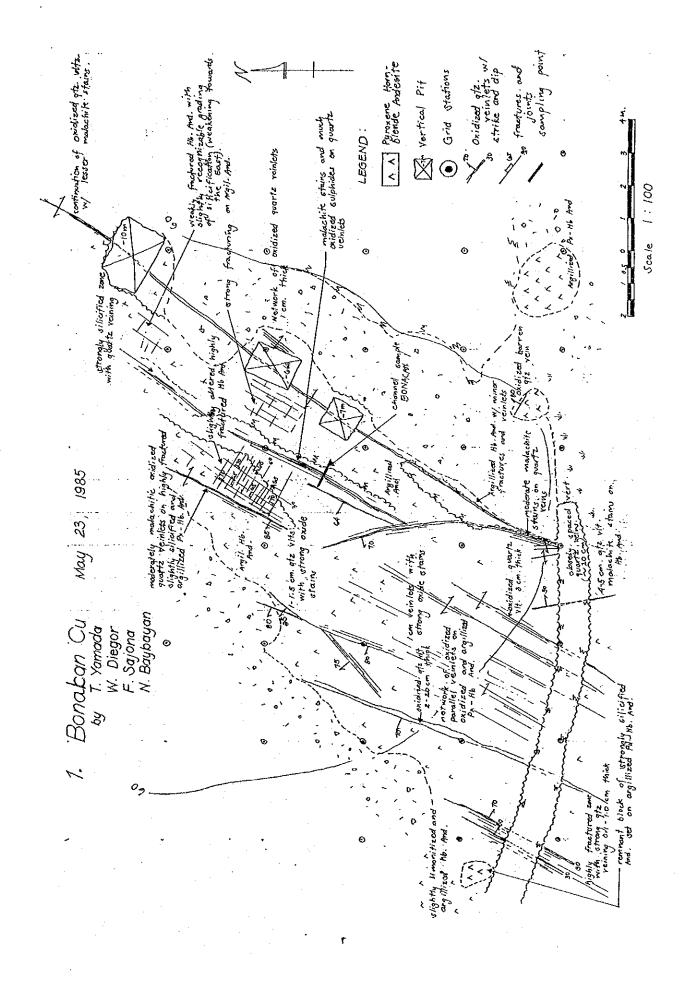


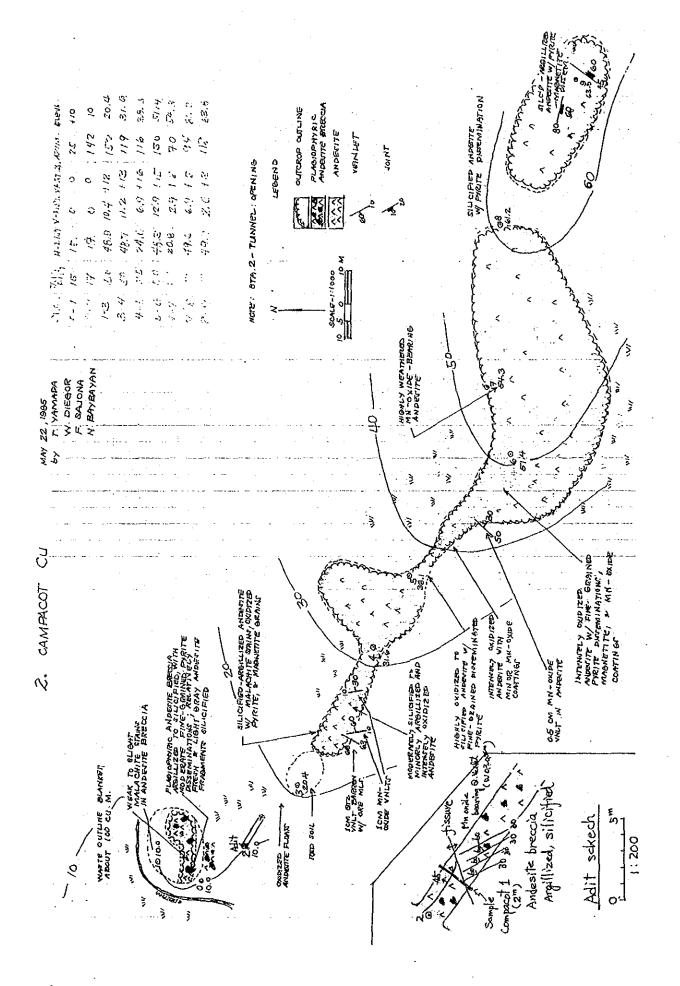




SPOT INVESTIGATION NO.13, MARCOPPER POLILLO PROSPECT

POLILLO QUADRANGLE X: 26,00, Y= 13,100





NO3. Cangmiumdo (Tuba tuba) Au Scale 1:1,000 23.

5 N 35E-5 6,3 -0,5 98,7 L6 N8OW-6 100 -1.0 98,2 7 NSSW 0 280 - 982 -8 N70W-10 13.0 -2,3 95.9 19 S40W-25 9.0 -3,8 94.4 10 NSE + 14° 14 +34102,6 11 N70E-2 18 -06102.0 12 N35W-1 22 -04102,2 andesite Panning zone,

No5, Laka Cu

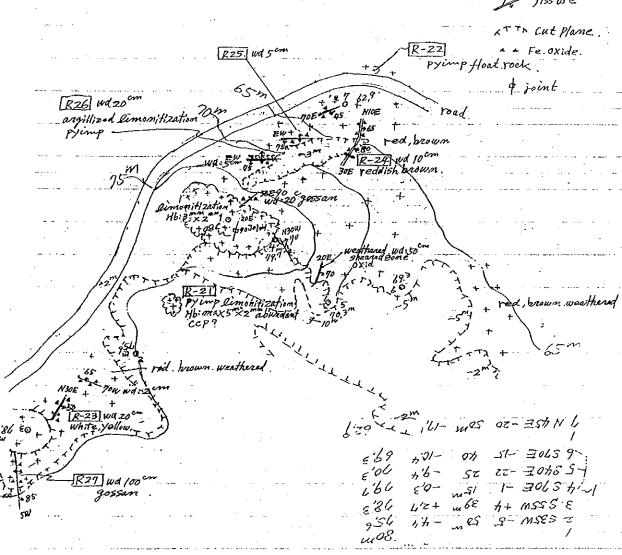
Scale 1:1,000

21. May.

R.OTSUBO. R.MIRANDA L.MORALES.

LEDEND





No 7. Talibom (San Francisco) (Silica sand)

Scale 1:500

R33.]
water washed
silica sand

R34 Silica sand

Mangrove zome

ica sand a depth:

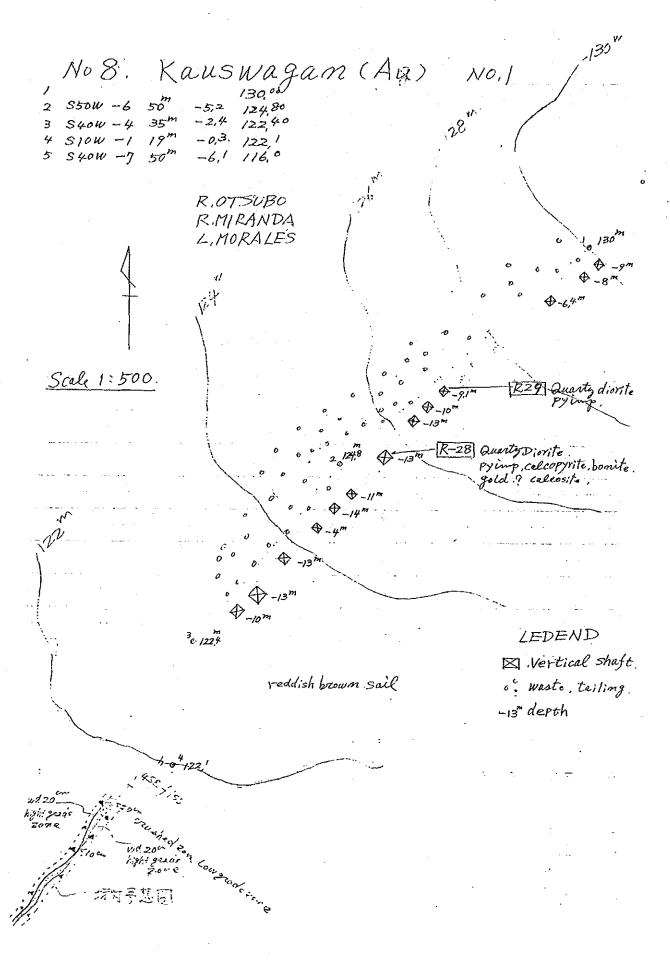
Cocomut Tress

LEDEND

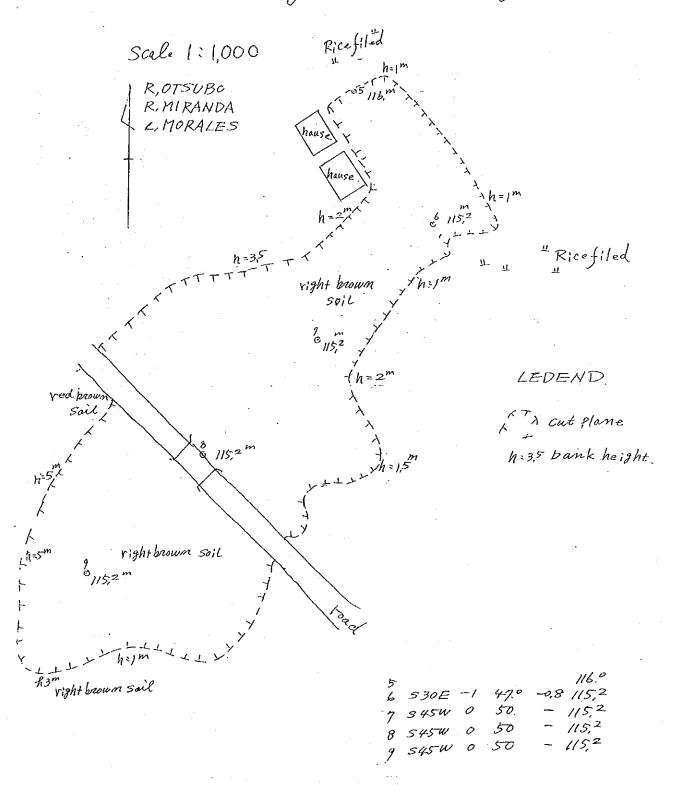
Silica Dand

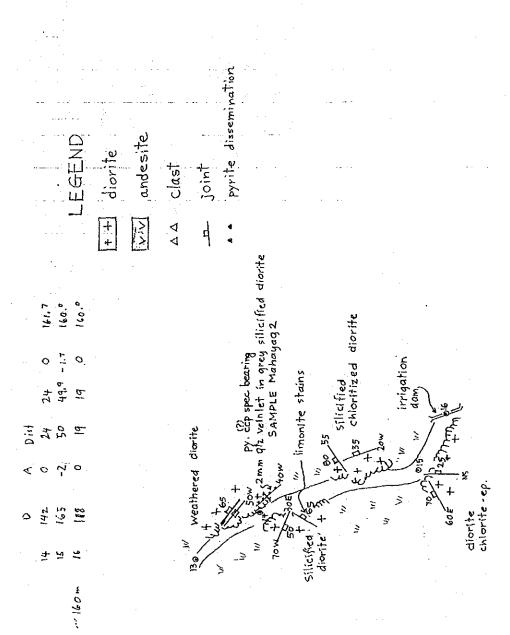
Y J development drilling.

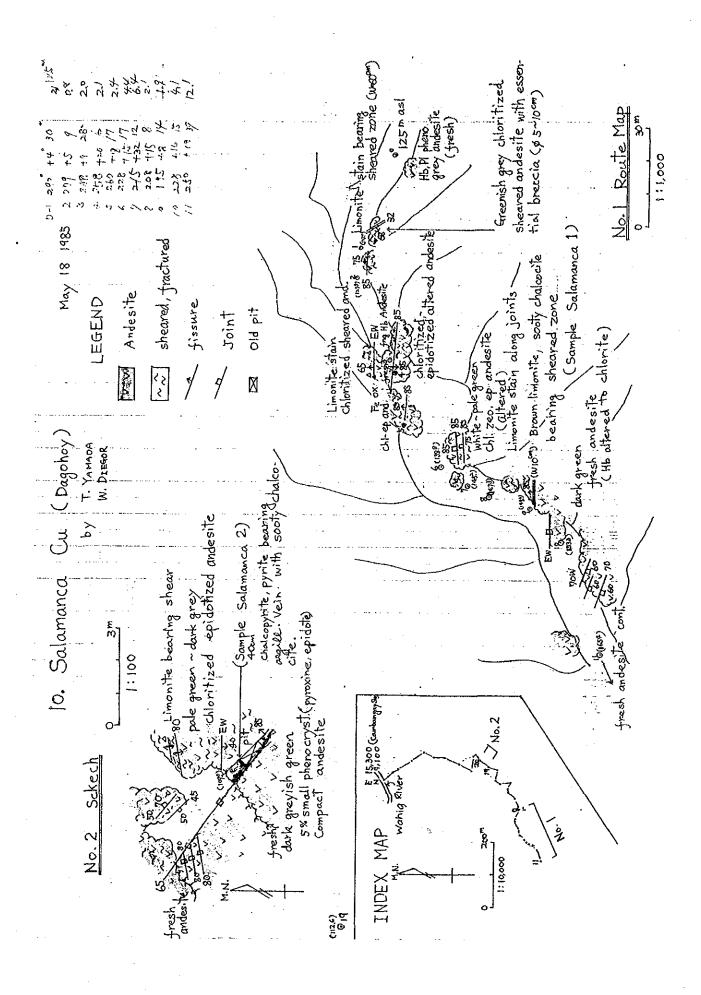
per dorth

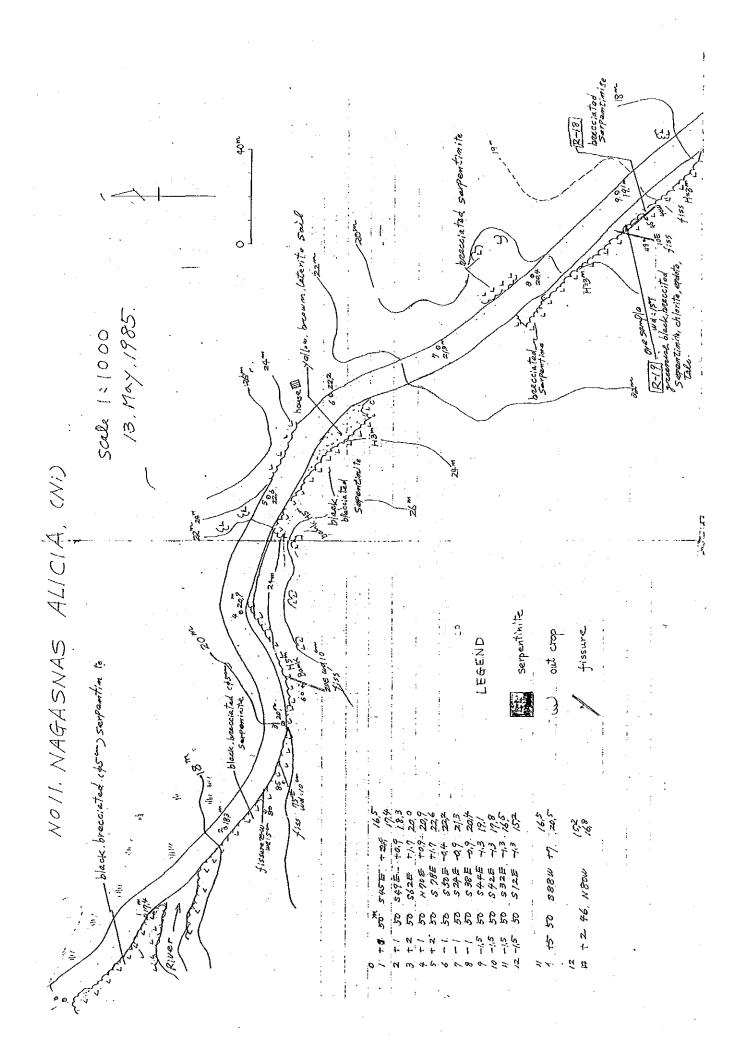


No. 8. Kauswagan (Au) Panning area (No2)



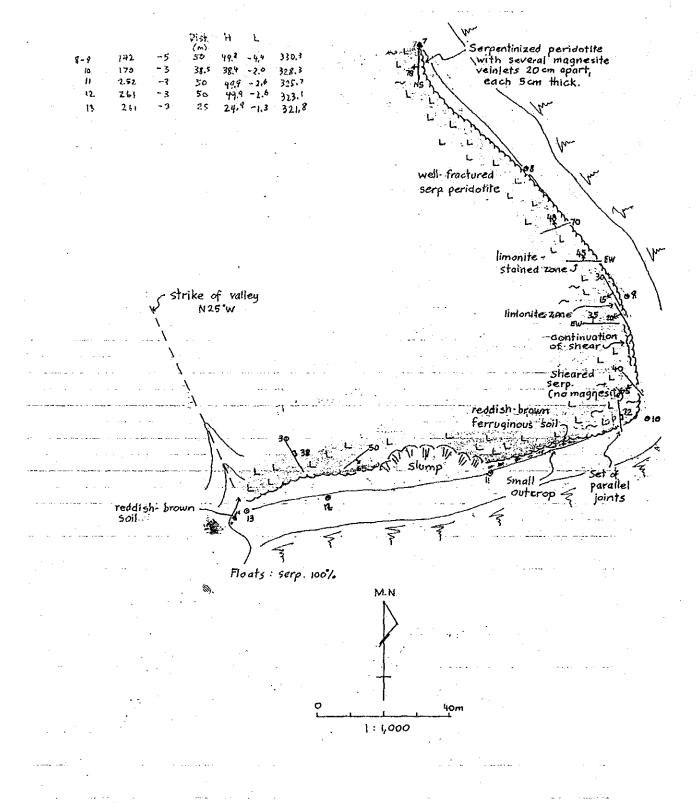






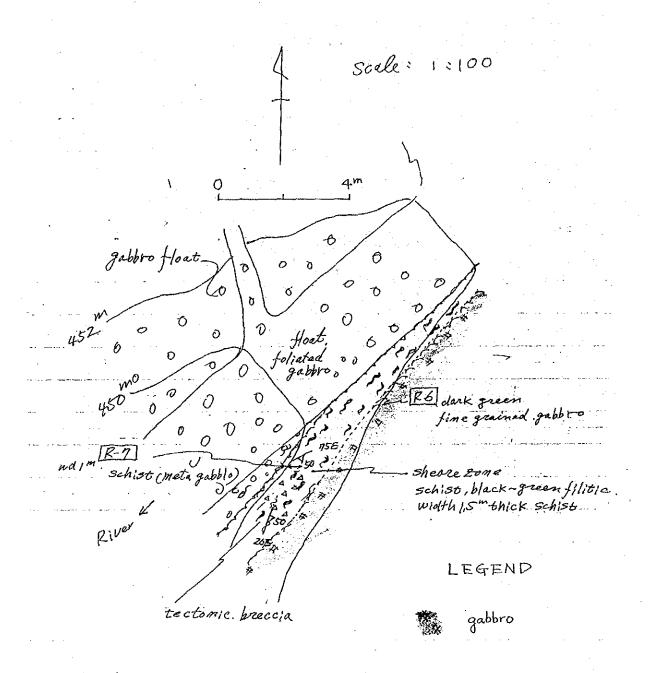
12. Buenavista Mn (Montesuerte)

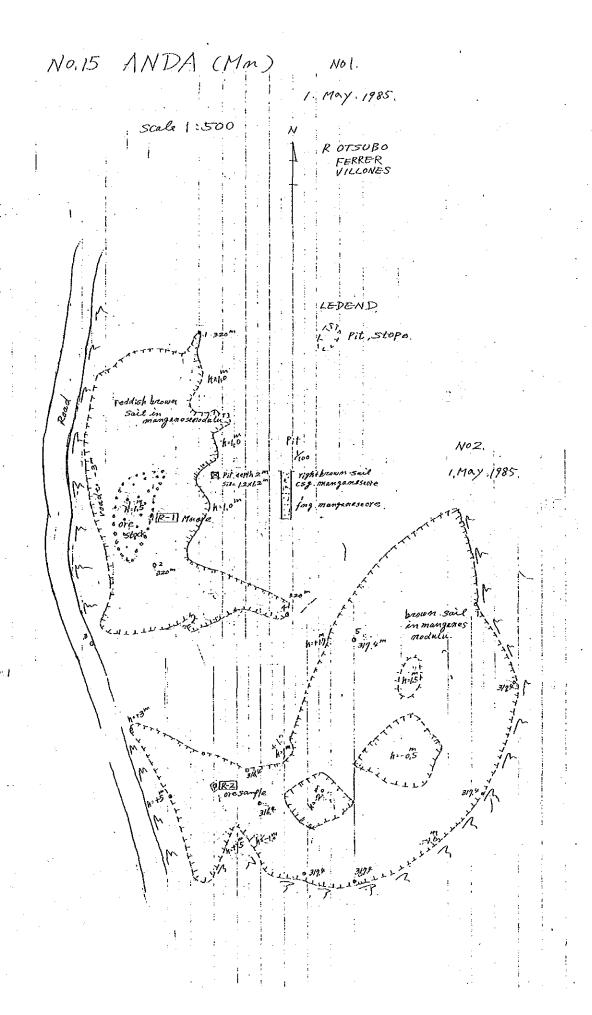
T. YAMADA LEGEND W. Diegor Manganese oxide Limonite Limestone Joint cavernous coralline limestone one small float with pyrite stringer (minor) yellow brown massive, dense limonitized block (20cm×30cm) dense, brown black Mn boulder float with thin, discon tinuous atz stringer, and minor calca-reous mat'l. massive Ls at: lower part, cavity--porous to massive,
Soofy, brownish
black to
metallic black
Manganese
Oxide, with
minor limonite filled Ls at top. minor Imonite porous massive, structure-less calca-renite stains stains. 221. buff Ls with small vugs & cavities, M.N. Some portions recrystallized 220 3172 5.2m 350° 5.90 102° 1:100

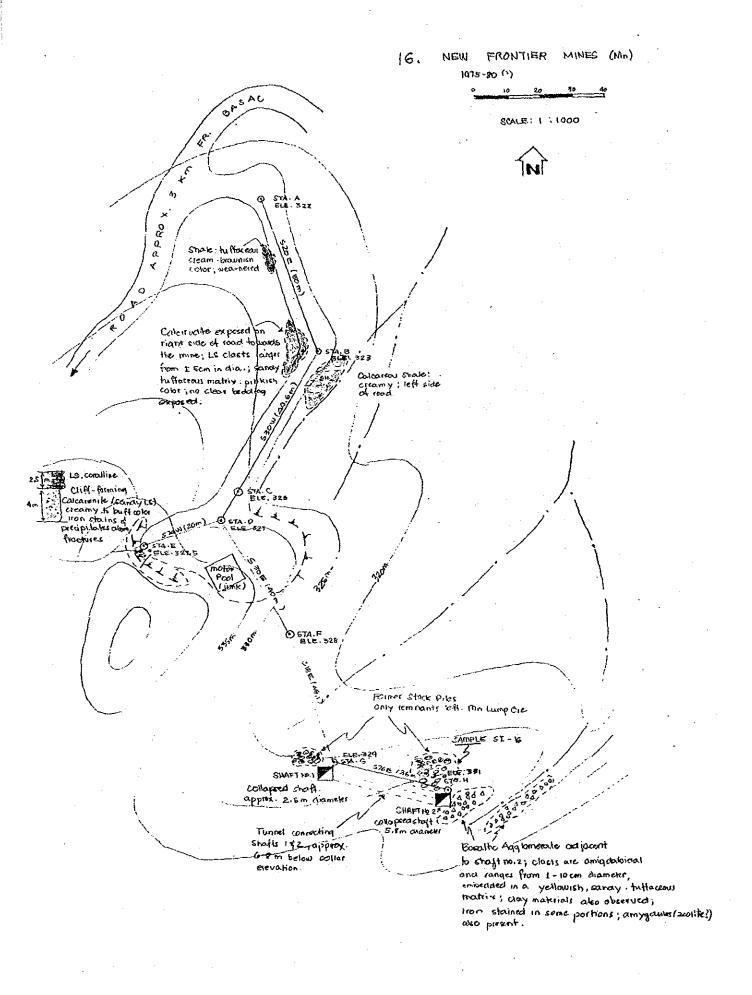


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15	242	~3	50	49.9	-2.6	316.6	
. 16	230	-3	50	49,9	-2.6		`
-				77.	-2.6	314.0	Je.
4 - 1							***************************************
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•						peridotite; (bastite, psei	20
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						bx) r	L 1 145
				÷.		L 50	13
			Strong	y Shear	ed .	1 3° 5 745	3
	••		Zone', direct	ino pre	ferred	Ped .	13
strike o	fvalley			ζ	بتر بانه	ر المراس	2
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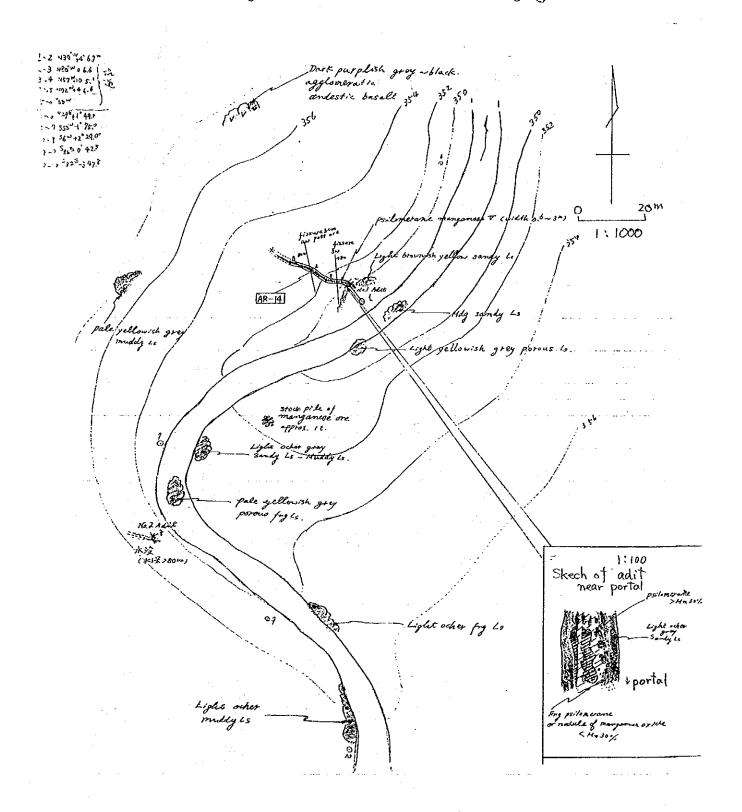
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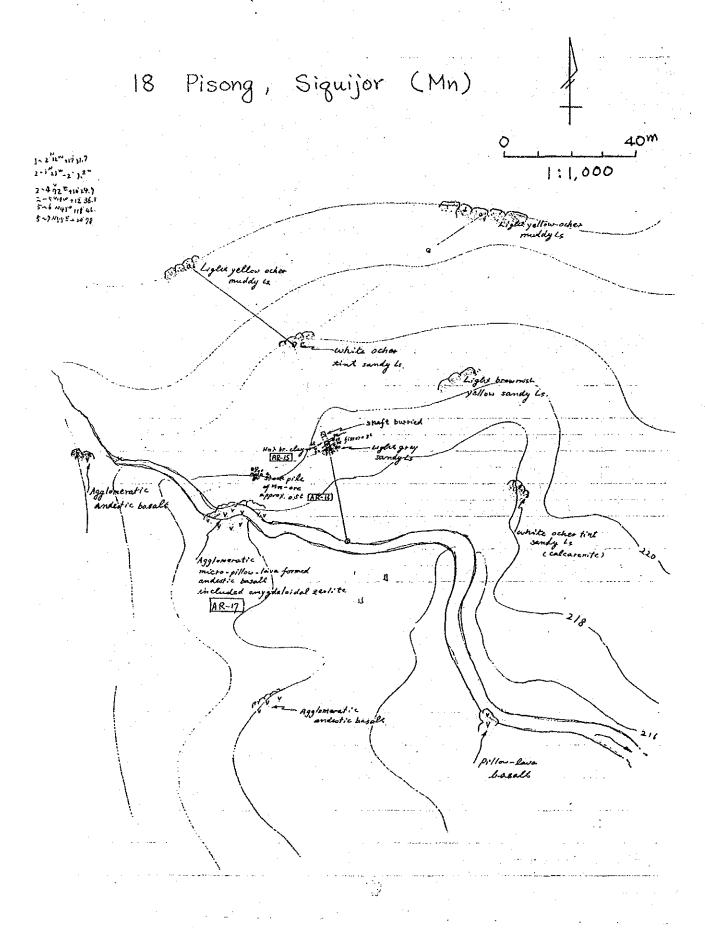


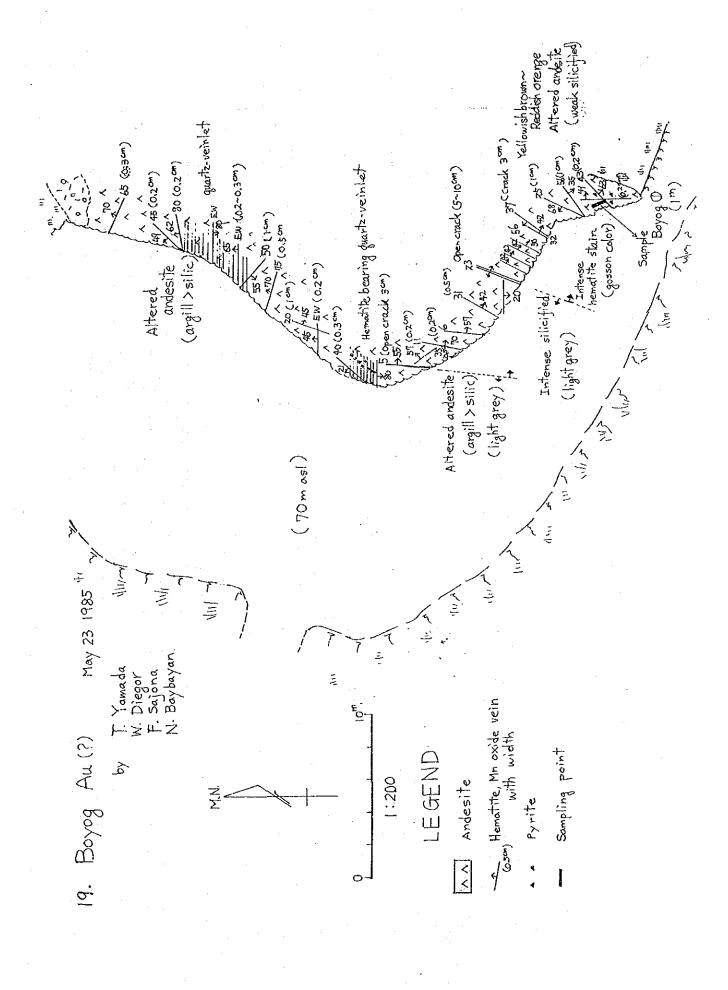




17 Nangka (Zamba) Mn, Siquijor







Appendix 10 Data Sheet for Mineral Prospects

Data Sheet for Mineral Prospects

Survey :	Southern Sierra Wadre∼Polillo		:	Mineral : No.1 PAPAYA	
Locality *	1/50,000 % PAPAYA Mapographic _{No.}		* 17,250(Trench-1) X 19,200(Trench-2)	50(Trench-1) * 08,400 00(Trench-2) \ Coordinates	* (m.)
Survey ** date			Surveyor *	K. Tonoda, A. Matos	
Compiling data (file No.)		0 1	Owner of mining right	Local, Illegal	
Metallogenic province			Type of Orek Deposits	Placer Gold	Country * Terrace Gravel
	by field observation *		by mic	nicroscope	by X-ray diffraction
Ore mineral Assemblage	Native Gold Magnetite	•	· 		
)		: : : 		
	by field observation *		by mic	microscope	by X-ray diffraction
Gangue mineral			· · · · · · · · · · · · · · · · · · ·		
Assemblage			<u>.</u>		
		-			
	by field observation *		· by mic	microscope	by X-ray diffraction
Alteration					
mineral					und bandq v ^e
чезешотаве					
Combination of					
country rocks					

Age Determination-	K-Ar Age method			Rb-Sr Age method	·			Another method		
Identification of fossils	Rodioralia			Nanno- Plankton				Another		
		Necessity of follow up survey is the highest.	B Necessity survey is	of follow up high.	0	Possibility to consider; the follow up survey.	C	Necessity of follow up survey is low.	ш	Follow up survey is needless,
de geochemical	A	n.	ω	*	U	И	۵	#	ນ	<i>*</i>
Summerized	A	ž,	В	+	Ö	11	۵	H	m	. #
Other * specially mentions	Trench pro and dug 2- higher at	Trench prospecting was done in the and dug 2~4m in depth and reached higher at the bottom of the terrace	one in the ter nd reached to the terrace gr	race gravel, dis the basement. avel, and nothi	stribi Extei ing ré	Trench prospecting was done in the terrace gravel, distributed in about 20m higher than current river level, and dug 2~4m in depth and reached to the basement. Extent of trench is about 8~16m ² . Content of placer higher at the bottom of the terrace gravel, and nothing recognized in the basement.	her t $\theta\sim 1$ ment.	han current river level, $6m^2$. Content of placer gold	rel,	મું મું
	The geolog	The geology around the upstream of hydrothermal alteration-pyritizatio	pstream of abc pyritization,	ve-mentloned tr argillization e	rench etc.	The geology around the upstream of above-mentioned trench area consists of basaring rave and production, mind hydrothermal alteration-pyritization, argillization etc are observed, but it is difficult to consider those areas	t is	difficult to consider	r thos	e erees
	as a origi	as a origin of placer gold, it is	ld, it is assu	assumed that andesite porphyry	ite pa	orphyry intruded in	to th	intruded into the basalt is rather related to the	elated	to the .
	mineralization.	ation.							•	
									:	

of boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey 34 area	Southern Sier	Southern Sierra Madre~Polillo		Mineral % Prospects_No	No.2 BALINTINGON Prospect,	pect, SUMACBAO RIVER	
Locality *	1/50,000 * Agpographic _{No.}	MONT BALINTINGON	* Coordinates 21,400		* X Coordinates 12,600	ېد Altitude '	200 (m)
Survey *	July 5, 1985		Surveyor *	A. Shibuya	Shibuya, A. Matos		
Compiling data (file No.)	NE-1192		Owner of mining right				
Metallogenic province			Type of Orethe Deposits	Porphyry Copper	opper	Country ** Andesite porphyry, rock of penosits porphyry, Basaltic	y, Diorite ic lava
Ore mineral	by field observation Pyrite, Chalcopyr	field observation * Pyrite, Chalcopyrite, (Bornite)	by micr	microscope		by X-ray diffraction	:
Assemblage			:	: : :			
Gangue mineral Assemblage	by field observation Quartz	ation *	by microscope	edosco		by X-ray diffraction	
Alteration mineral Assemblage	by field observation Quartz-Sericite	ation *	ву піск	by microscope		by X-ray diffraction	
Combination of country rocks		Basaltic volcanic rocks(lava and p	yroclastics) Ar	ndesite porphy	pyroclastics) Andesite porphyry, Diorite porphyry		

		survey is.		·	i zed
		Follow up su is needless.	t	Ħ	rocks) nrecogn nry of
		 	·		leached silicified rocks ineralizations are recognone, composed mainly of tension of mineralized z
	·	W .	W.	Ш	d sil izati compo n of
		of follow is low.			ed 24 + 10
od	F F	1	*	. "	(gossan and the paper, maineralized 400m. 600m. 0.4%, and exunknown)
Another	Another	Necessity up survey	-		the I mine I 400m.
		0	Δ	Ω	point 1.0km from the prospect and took just floats(gossan and log. were quoted from a paper NE-1192. Depend on the paper, consisting of dissemination and veinlet. Major mineralized middle of the intrusive rock and have a extent of 400m ~600m and dissemination zone along the river are 0.07% ~0.4%, and shown a direction NNW-SSE as well as veinlet. from BNG is as follows: (but, sample locality is unknown) at & & & & & & & & & & & & & & & & & &
		llow			the prospect and took just floats if from a paper NE-1192. Depend on dissemination and veinlet. Major thrusive rock and have a extent of n zone along the river are 0.07% n NNW-SSE as well as veinlet. follows: (but, sample locality is
	•	y to the follow		-	pect and took just maper NE-1192. Depe- tion and veinlet. org the river are 0 as well as veinlet. (but, sample locali
		Possibility consider tup survey.	*	*	t and r NE- r NE- r and r the 1 vell (
		Possi consi			ospect I paper mation rock along SE as w
	 	O	Ö	ن ن	the price of the p
. Age	u o	dn Mo			but to the point 1.0km from the prospect and took thing by typhoon. ption of geology were quoted from a paper NB-1192. Itusive rocks, consisting of dissemination and vein taken from main dissemination zone along the river 0.2% Cu is shown a direction NNW-SSE as well as veinlysis asked from BNG is as follows: (but, sample Cu % Au g/t Ag g/t
Rb-Sr Age method	Nanno- Plankt <i>o</i> n	of follow high.			point 1.0km from on. logy were quotee of the indiale of the indiale of the indiale of the ain dissemination hown a direction from BNG is as welt Ag g/t 5
	- H	1	r.	*	point 1.0k oson. si consisti si, consisti aniddle of main disser shown a dir shown a dir from BNG from BNG 553 53
		Necessity survey is			the point the point yphoon. Second on the point of the po
		B 8 8	<u>e</u>	ന	Surveyors could reach but to the buly because of flooding by typho Therefore, the description of geo in and around the intrusive rocks dussembles of samples taken from containing more than 0.2% Cu is sometiments of ore analysis asked CM.7 0.40 GM.7 0.35 GM.9 0.31 GM.12 0.35 GM.12 0.35 GM.12 0.35
		, up			oding soding soting soting soting soting soting o o o o o o o o o o o o o o o o o o o
		follow up highest.			ld reac of floc the floc sample sample cm_3 cm_3 cm_3 cm_12 cm_12
		持み	£ .		Surveyors could reach but to only because of flooding by Therefore, the description of the intrusive it assemination, is located at Cu grades of samples taken frontaining more than 0.2% Cu The results of ore analysis CM-5 0.36 GM-9 0.12 GM-12 0.35 GM-12 0.35
41	8 71	Necessity of survey is the			Surveyors coulonly because of the results of the re
K-Ar Age method	Rodioralia	11	· · · · · ·		Surround on 1. The con the con The The
		* # # # # # # # # # # # # # # # # # # #	A A	. ∀	*
nation	icatic	Spot ** investigat	geochemical A & other analysi	Summerized evaluation	
Age Determination-	Identification of fossils	Spot * A investigation	Seoci & ot		Other specially mentions
Ag	P Jo	roi n espects	otien rq le	Lavã Tanfm	2 % B

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey 3% area	Southern Sierra Madre ~ Polillo		Mineral % N	No.3 IBUNA Copper Prospect	rospect		
Locality *	1/50,000 * DESEADA POINT	X Coordinates	12,300 X X		sk Altitude'	40	0 (單)
Survey **	June 12, 1985	Surveyor	K. Tonoda				
Compiling data (file No.)	02-306 (514)	Owner of mining right	HERALD Mining Company	Company			
Metallogenic province		Type of Orek Deposits	Vein		Country % And rock of Ore Denosite and	Andesitic basalt and basalt	
Ore mineral	by field observation *	by mic	by microscope		143	tion	
Assemblage	Fyrite, Malachite, Vhalcopyrite	ર્ધ શ	N			,	
							Laure bra
•	by field observation *	by mic	by microscope		by X-ray diffraction	tion	
Gangue mineral	Calcite, Quartz						
Assemblage				-			
: '	by field observation *	· by mic	by microscope		by X-ray diffraction	tion	
Alteration mineral	Epidote, Calcite, Barite	· ·					andri diren—andri breni
Assemblage							
Combination of	Lavas of andestic basalt, massive	basalt and bre	cciated basalt, ac	companying general	basalt and brecciated basalt, accompanying generally networks of epidote, quartz and calcite.	dote, quartz and	calcite.

					والمراقبة والمرا
		Follow up survey is needless.	Ł	и	IS and dipping 72°W. I footwall side. surveyed area, king NS and
		w	Ш	ш	NS ar n foc n. sum
		of follow is low.		·	striking n width) i ified vein th side of length str
Another	Another	Necessity or up survey i	"		ngth, along the fissure striking MS and illicified vein(3~5cm in width) in foote observed in the silicified vein. known within 1.5km south side of surve 1 m ~several meters in length striking
		0	Δ,	Ω	long t ed vei ved ir ithin veral
		Possibility to consider; the follow up survey.	*	"	and 1 m in le and 2 m in by with s and pyrite ar prospects are in width and out.
		O	U	ပ	width cm ir yrite 2001 prese
Rb-Sr Age method	Nanno- Plankton	y of follow up shigh.		÷	ein of 6~10cm in width an mination zone(3~6cm in wamounts of chalcopyrite and than fifteen(15) of pried veins of about 20cm is and malachite are present
		Necessity survey is		}	mall vein dissemint minor amon (4), more illicified syrite and below;
		B	Ω	m	as s grite and 06(51 ing s te, F
		Necessity of follow up survey is the highest.	п		The ore deposit occurs as small vein of 6~10cm in width and 1 m in le The vein consists of pyrite dissemination zone(5~6cm in width) with s A spheroidal malachite and minor amounts of chalcopyrite and pyrite ar Depend on a paper QZ-506(514), more than fifteen(15) of prospects are these are fissure filling silicified veins of about 20cm in width and chalcopyrite, chalcocite, pyrite and malachite are present. Higher grades of ore is as below; { Cu 5.45% - Ag 524g/t } { Cu 5.48% - Ag 524g/t
K-Ar Age method	Rodioralia		A sis	5	The ort The ver The ver A spher Depend theke ver Chalco Higher
Age K. Determination.	Idențification R	Spot * investigation	So Result of Hole geothemical A	Summerized A	Other * specially mentions

ok boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey *	Southern Sierra Madre~Polillo	Mineral : No.4 CAMCHING Iron Prospect Prospects No.	Prospect
Locality *	1/50,000 ** UMPACAN Maposraphic _{No.}	X X 14,300 X 10,000 Coordinates	*
Survey **	July 2, 1985	Surveyor : A. Shibuya, P. Rovillos, L. Morales	ales
Compiling data (file No.)	BL-527	Owner of mining right	
Metallogenic province		Type of Orek Contact-Metasomatic	Country * Sandstone and shale Ore Denosits
Ore mineral Assemblage	by field observation * Magnetite > Hematite > Pyrite	by microscope Sample CAMCHING No.1	by X-ray diffraction
	by field observation *	by microscope	by X-ray diffraction
Gangue mineral	Quertz		
Assemblage			
Alteretion	by field observation *	. by microscope	by X-ray diffraction
mineral			
Assemblage			
*Combination of country rocks	Clastic rocks, volcanic rocks, str Country rocks are calcareous sands	Clastic rocks, volcanic rocks, stratified calcareors sandstone, silty shale, diorite Country rocks are calcareous sandstone and silty shale, and foot rock is altered volcanic rocks.	olcanic rocks.

					The second secon
		Follow up survey is needless.	נו	Н	neral is gangue grain size
:		ш	<u>ш</u>	m	miner E ger
Another method	Another fossils	Necessity of follow up survey is low.	"	"	rock. The major ore mineral present. Accompanying ganguand metallic gray) and grain
		0	Ω	۵	country rock.
		Possibility to consider; the follow up survey.		"	war shape parallel to the structure of country rock. The maior amounts of pyrite and chalcopyrite are also present. Acca banded structure owing to colors(rusty brawn and metallic
		O	O,	ပ	4 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 6 4 6
Rb-Sr Age method	Nanno- Plankton	Mecessity of follow up survey is high.	3 c	"	a tab, mir, wing
		B	ш.	<u>m</u>	ed as matit
,	cj.	isity of follow up by istime highest.	u	ž.	The ore deposit is embedded as a tab magnetite with primary hematite, min mineral is quartz veinlet. Exposures of ores are found showing of magnetite.
K-Ar Age metbod	Rodioralia	A Necessity	A	4	The ore magnetitinites] Exposure
Age Determination-	Identification of fossils	He Spot *	Section of the sectio	Summerized Pri evaluation	Other % specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey ** area	Southern Sierra Madre \sim Polillo		Mineral % No.5 ANGAT Iron Prospect Prospect)ect
Locality *	1/50,000 % NORZAGARAY	* Coordinates	13,750 × 16,900	** 300 (TE) 300 (TE)
Survey **	July 3, 1985.	Surveyor	E. Mantaring, A. Shibuya	
Compiling data (file No.)	BL-527	Owner of mining right		
Metallogenic province		Type of Orek Deposits	Contact-Metasomatic	Country * Sandstone rock of Sandstone
Ore mineral	by field observation * Magnetite with hematite and pyrite	by mic	by microscope	by X-ray diffraction
Assemblage		······································		
Gangue mineral Assemblage	by field observation * Quartz	by mic	microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * Diorite have been altered to week argillization	· by mic	microscope	by X-ray diffraction
* Combination of country rocks	Volcanic rocks, conglomerates, Iron ore deposit interbedded in and conglomerates.	tone,	is underlain by wethered	diorite and capped by volcenic rocks

Anothermethod	Another fossils	Necessity of follow E Follow up survey up survey is low.	Ш	" E "	of 0.5m in thickness in the sandstone striking NNE-SSW and dipping 60°NW. I parallel to strike in both-side of hanging-wall and foot-wall of ore deposit tite with minor amounts of hematite, pyrite and chalcopyrite, and accompanying omatic deposit related to dioritic intrusion as well as CAMACHING iron deposit.	
A III	A A				sandstone striki-side of hanging-hematite, pyrite	}
		(<u>O</u>)	Ω	מ	is inticint	
		Possibility to consider; the follow up survey.	*	"	ular shape of 0.5m in thickness in the sandstone strikire observed parallel to strike in both-side of hanging-ly of magnetite with minor amounts of hematite, pyrite tact-metasomatic deposit related to dioritic intrusion	:
		O	O	ပ	in the lib min the	
Rb-Sr Age method	Nanno- Plankton	Necessity of follow up survey is high.	*	ř	observed	
	·	മ	ш	В	ass as as as as as a as a as a as a as	•
	lia	Necessity of follow up survey is the highest.	ш	И	Iron ore deposit occous as a tabula Reddish brown Fe-Mn oxide zone are with 0.75m in thickness. Ore is massive and composed mainly gangue mineral is quartz. This ore deposit seems to be contac	
K-Ar Age method	Rodioralia		S.T.S	A	Iros Redd With Ore gang	
Age K	Identification F	Spor *	Result of Ageochemical A	Summerized F	Other * specially mentions	······································
L. & A	l H &	tor	nation al pro	Eval	0 % \$	

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey :k	Southern Sierra Madre ~ Folillo		Mineral : No.6 MARCOPPER MATANI Gold Prospeect Prospects No.	I Gold Prospeect
Locality *	1/50,000 * UMIRAY RIVER	* X X Coordinates	11,600 * 03,000 Coordinates	$^{ ext{*c}}$ Altitude (m)
Survey *	May 29, 1985	Surveyor *	A. Shibuya, E. Malaca	
Compiling data (file No.)	QZ-1648	Owner of mining right	MARCOPPER, being mined by local peaple recently	peaple recently
Metallogenic province		Type of Orest Deposits		Country ** rock of Ore Denosits
Ore mineral	by field observation * Pyrite, Chalcopyrite	by micros	by microscope T2-90m	by X-ray diffraction
Assemblage		T2-114m	14m	
Gangue mineral Assemblage	by field observation * Quartz	by шiсл	microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * Sericite	· by mic	by microscope	by X-ray diffraction T2-94m B 601-3 (BIG MATANI CREEK, Clay vein)
*Combination of	Andesitic volcanic rocks, hornblende andesite porplypy mudstone and coglomerate.	de andesite po	rplypy dyke, clastic rocks omposed of sandstone,	of sandstone,

يجيد وميشورين والمراجع المسادية والمراجع والمراجع المسادية	:				يان ويون ويون المراجعة المراجعة المراجعة المراجعة المراجعة ويستوني والمراجعة المراجعة المراجعة المراجعة المراجعة والمراجعة والمراجعة والمراجعة المراجعة والمراجعة والم
		Follow up survey is needless.	•	2	til 1979. igated in detail, in deptin. ainly of quartz RAY RIVER located
	**************************************	ш	w	ш	ER untivesti
Another method	Another	Necessity of follow up survey is low.	u	И	This prospect had mined by MR. BOSTON (American) in 1956, since then it had been prospected by MARCOFPER until 1979. At present time, it has been exploiting by one hundred of local peoples illegally. More than ten(10) of old adits were recognized in the surveyed area and tunnel-2(cross-cut adit) was investigated in detail, Tunnel-2 permitted to enter upto 150m in depth and five(5) quartz veins were observed between 90m and 130m in depth. Quartz veins, striking EW dominantly and dipping vertical or steep, are of 10~150m in width and composed mainly of quartz with pyrite and chalcopyrite. Placer gold has also been exploiting about 2km in extent along river in areas of SMALL MATANI CREEK and UMIRAY RIVER located in downstream of SMALL MATANI CREEK.
		٥	a	Ò	een il-2(obse
		Possibility to consider, the follow up survey.	74.	- N	imined by MR. BOSTON (American) in 1936, since then it had been pit has been exploiting by one hundred of local peoples illegally. of old adits were recognized in the surveyed area and tunnel-2(conduct to enter upto 130m in depth and five(5) quartz veins were obsertiving EW dominantly and dipping vertical or steep, are of 10~15contains been exploiting about 2km in extent along river in areas of Symall MATANI CREEK.
		O	S	O	1936 cred c five(five)
Rb-Sr Age method	Nanno- Plankton	ssity of follow up ey is high.	2	¥	ON (American) in ting by one hundr recognized in th Om in depth and fy and dipping verg about 2km in ex
	(limestone)	B Necessity survey is	œ	ш	by MR. BOST been exploitation adits were the upto 13 W dominantl rrite. In exploitin tarani CREEK
	H 5501-1 (limestone) I 25(PL) (limestone)	Necessity of follow up survey is the highest.	L.	ħ	This prospect had mined by MR. BOSTON (American) in 1936, since then it At present time, it has been exploiting by one hundred of local peoples More than ten(10) of old adits were recognized in the surveyed area and Tunnel-2 permitted to enter upto 130m in depth and five(5) quartz veins quartz veins, striking EW dominantly and dipping vertical or steep, are with pyrite and chalcopyrite. Placer gold has also been exploiting about 2km in extent along river in in downstream of SMALL MATANI CREEK.
K-Ar Age method	Rodioralia		A	A	This pr At pres More th Tunnel- Quartz with py Placer in down
Age Determination-	Identification of fossils	Spot 400 investigation	Result of geochemical & other ana	Summerized	Other * specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey ** area	Southern Sierre Madre ~ Polillo		Mineral 's No. Prospects _{No.}	No.7 FURAY Prospect	
Locality *	1/50,000 * MCNTALBAN Mapographic _{No.}	* Coordinates	22,250 Coordinates	11,250	sk 300 (m.)
Survey *	May 20, 1985	Surveyor	K. Tonoda, A. M	Matos	
Compiling data (file No.)		Owner of mining right			
Metallogenic province		Type of Orek Deposits	Stratified Sulfide	əp	Country % Dacitic lays
Ore mineral	by field observation * Pvrite > Bornite	by micz Pol	microscope Polished section		by X-ray diffraction
Assemblage	Magnetite stain			i de la composition della comp	
		:			
Gangue mineral	by field observation * Quartz	by mic	microscope		by X-ray diffraction
Assemblage					
Alteretion mineral Assemblage	by field observation * Sericite-quartz in rhyolite (country rock) chalcocite in overlaying basalt	by mic	by microscope		by X-ray diffraction
% Combination of country rocks	Dacitic lava, basaltic lava, tuff	oreccia and da	cite dyke country r	ocks are dacitic l	breccia and dacite dyke country rocks are dacitic lava and tuff breccia.

		T		T	
		Follow up survey is needless.	b	, k	ic tuff breccia pyrite with South-West from still unknown.
		Ш	Ш	ш	f py sti
Another method	Another	Necessity of follow up survey is low.		"	va and tuff breccia, and dacitic lava has been altered widely of sation. Major deposit occurs as bedded deposit in upperpart of dacitic tuff breccia citic volcanic rocks and basaltic tuff breccia of upper member. thickness and about 10m in extent(outcrop-1). Ore consists mainly of pyrite with remite. Malachite and azurite are also present as secondary mineral. same horizon with outcrop-4 mineralized zone separated about 600m to South-West from same horizon with outcrop-4 mineralized zone separated about 600m to South-West from some floats of Pb-Zn ore in adjacent area, but localities etc. are still unknown.
			Δ	Ω	beer ccisa ccisa sent sent a, k
		Possibility to consider: the follow up survey.	*	"	lava and tuff breccia, and dacitic lava has been altered widely of tization. Major deposit occurs as bedded deposit in upperpart of dacitic volcanic rocks and basaltic tuff breccia of upper member. a thickness and about lom in extent(outcrop-1). Ore consists main bornite. Malachite and azurite are also present as secondary mine a same horizon with outcrop-4 mineralized zone separated about 600 are some floats of Pb-Zn ore in adjacent area, but localities etc.
		O	O	O	oria,
Rb-Sr Age method	Nanno- Plankton	Necessity of follow up survey is high.	*	# .	113 de
		(0)	ന	ω.	daci ion- ite it th
		Necessity of follow up (tı.		'오 선 : ' 서 컴 A
K-Ar Age method	Rodioralia		A	A	The ore der sericitizat and extends Bedded ore small amour Outcrop-1 c
Age Determination	Identification of fossils	Spot Spot **	The geochemical A	Summerized	Other * specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey :k	Southern Sierra Madre ~ Polillo	2, 144	Mineral :: No.8 LUMBAY COLOSSAL Copper Prospect	Copper Prospect
Locality *	1/50,000 ** UMIRAY RIVER	× X XX X L5,	15,450	*κ 700~900 (π.)
Survey *	May 27, 1985	Surveyor *	A. Shibuya, U. Palaganas	
Compiling data (file No.)	PG-02-1, QZ-1434	Owner of mining right	COLOSSAL Mining & Exploration Corporation	poration
Metallogenic province		Type of Ore% Deposits	Porphyry Copper	Country : Altered volcanic rock, rock of Diorite porphyry, Ore Denosite Andesite normhyry
Ore mineral	by field observation *	by microscope	scope	ffraction
Assemblage	Pyrite, Chalcopyrite	B 527-2	-5	
		B 527-4	4-	
		. –		
Gangue mineral	by field observation ** Quartz	by micro	microscope	by X-ray diffraction
assempted a				
	by field observation *	. by microscope	ecope	by X-ray diffraction
Alteration mineral	Quartz-Sericite	: :		B 527-3
Assemblage				
** Combination of country rocks	Altered volcanic rocks composed mai	nly of basalt	mainly of baselt (BAYABAS Group),	
	diorite porphyry , andesite porphyry	£I		and the same

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey :k area	Southern Sierra Madre~ Polillo		Mineral : No.9 BOSO BOSO RIVER		
Locality *	1/50,000 * MONTALBAN Agpographic _{No.} and Baras	* MONTALBAN X (Starting point) Coordinates 22,200	LBAN * ting point) Coordinates 04,200	*: Altitude '	40~2C0 (m)
Survey **	May 14, 1985	Surveyor *	K. Tonoda (Just Panning)		
Compiling data (file No.)		Owner of mining right			
Metallogenic province		Type of Cre* Deposits		Country ** rock of	
Ore mineral	by field observation *	by mic	by microscope	by X-ray diffraction	
Assemblage					
Gangue mineral	by field observation *	by mic	microscope	by X-ray diffraction	
Assemblage					
Alteration mineral Assemblage	by field observation *	by mic	by microscope	by X-ray diffraction	
*Combination of country rocks	Basaltic pillo lava, basaltic tuff rbyolitic dyke	breccia, ande	Basaltic pillo lava, basaltic tuff breccia, andesitic volcanic breccia, tuff, sandstone,	, ac.	

1						
			Follow up survey is needless.		и	ER located nd sandstone sulfide
		ļ	(m)	ш	m	SO RIVER tuff and ng for si
	Another method	Another	Necessity of follow up survey is low.	"	"	d taken by panning within about lokm in length along stream of BOSO BOSO RIVER located saltic pillow lava, basaltic tuff breccia, andesitic volcanic breccia, tuff and sandsto I rhyclitic dyke was recognized locally. Any traces of mining by panning for sulfide gold were not distinguished in surveyed area.
		_	O		٥	along sitic saces
			t to the follow			n in length socia, andes lly. Any tr
			Possibility to consider, the follow up survey.	k	"	within about lokm in le basaltic tuff breccia, recognized locally. A
			O	O	ပ	ithi assal reco guis
	Rb-Sr Age method	Nanno- Plankton	ity of follow up is high.	a.	2	d taken by panning within about lokm in saltic pillow lava, basaltic tuff breccis I rhyclitic dyke was recognized locally. gold were not distinguished in surveyed
			Necessity survey is			es had tak Basaltic r and rhyc acer gold
	;		Ω	ω	<u>m</u>	(VER. rive rive pl
<u> </u>			Necessity of follow up survey is the highest.	и	а	Ten(10) heavy mineral samples ha upperstream of WAWA RIVER. Bas were distributed along river and miniral, quartz vein and placer
	K-Ar Age method	Rodioralia	1	A	Ą	Ten(10) heav upperstream were distrib
	Age Determination	Identification of fossils	Spot * A	See Result of A geochemical A ge other analysis	Summerized	Other * specially mentions

ok boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey 🧚	Southern Sierra Madre~Polillo		Mineral : No.10 SANTA INES Iron Prospect	n Prospect	
Locality *	1/50,000 % SANTA INES	* Coordinates	06,900 × Coordinates	Altitude '	550 (111)
Survey **	May, 1985	Surveyor *	A. Shibuya, A. Cabantog		
Compiling data (file Wo.)	L.R. Antonio et al (1981)	Owner of mining right	SANTA INES AND STEEL Co., Inc.		
Metallogenic province		Type of Orek Deposits	Contact-Metasomatic	Country % Limestone rock of Limestone	
Ore mineral Assemblage	by field observation * Magnetite with pyrite and chalcopyrite	by mic.	by microscope Sample B 504-2	by X-ray diffraction	
Gangue mineral	by field observation * Calcite, Epidote, Garnet	by mic.	microscope	by X-ray diffraction	
Alteration mineral Assemblage	by field observation * Skarn(Epidote, Garnet, Calcite)	· by mic	by microscope	by K-ray diffraction	
% Country rocks	Pyroclastics, limestone(partly marble), diorite	arble),			

							COLUMNY ACTIVITIES AND COLUMN S
		Follow up survey is needless.		H	etic survey, sstimated nages		
		ш.	Ш	ш	agn ire ton		
Another	Another	Necessity of follow up survey is low.	"	"	geological survey, magnetic surves of main ore body are estimated feleven(11) million tonnages		
	·	0		۵	and sserv		
		Possibility to consider, the follow op survey.		ll l	t was started before 2nd world war, and geological survey, magnetic survey, done until now. The proved ore reserves of main ore body are estimated and furthermore probable ore reserves of eleven(11) million tonnages		
		O	O.	U	arte til herm		
Rb-Sr Age method	Nanno- Plankton	Necessity of follow up survey is high.	*		on deposit was have been done 35~38%) and fu		
		8	ω	m	NTA : tunr	•	
K-Ar Age method	Rodioralia	Necessity of follow up survey is the Maghest.		R.	The prospectings for SANTA INES in drilling, trenching and tunneling about ten(10) million tonnages(Fe	are expected.	
K-f		Α	A	⋖	. ′		
Age Determination.	Identification of fossils	Spot * /	Section A geochemical A geochemical A geochemical A	So Summerized	Other * specially mentions		

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey %	Southern Sierra Madre~Polillo		Mineral % No.11 DULANGAN Gold Prospects No.	No.11 DULANGAN Gold Prospect, TIGNOAN RIVER
Locality %	1/50,000 * REAL Agpographic_No.	× X Coordinates	06,250	*/ 200 (π)
Survey *	May 16, 1985	Surveyor >k	A. Shibuya, U. Palaganas	
Compiling data (file-No.)		Owner of mining right	Local, Illegal	
Metallogenic province		Type of Orek Deposits	Vein	Country % Hornblende andesite rock of Denosite porphyry
Ore mineral	by field observation * Pyrite, Gold	by mics	by microscope	4
Assemblage				
Gangue mineral Assemblage	by field observation *	bу шісі	by microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * Quartz-Sericite	· by mic.	microscope	by X-ray diffraction
Combination of country rocks	Volanic rocks composed of volcanic breccia and flow breccia of hornblende andesite porphyry dyke and stock. deposit occurs in fissure filling clay vein, and small amount o	c breccia and and and stock.	breccia and flow breccia of basaltic andesite and and and shock.	id andesitic basalt,

		T	T	
		Follow up survey is needless,	#	of EW. surveyed area.
		w. w	Ш	rect ure.
		y of follow y is low.	"	Clay veins have a direction of K have also a direction of EW. limited within the late surveyed be prospect in the future.
Another	Another	Necessity up survey		J M T W
		0 0	Δ	Vry. CREE
		Possibility to consider; the follow up survey.	H	filled the fissure of intruded andesite prophyry. Clay rtz veins and clay veins seen along DULANGAN CREEK have ng by local people, but extent of prospecting is limited ry are extimated around 370m PEAK, and it should be pros
		OO	O	e of iz y veins e, but around
Rb-Sr Age method	Nanno- Plankton	of follow up high.	2	filled the fissure of intrice reins and clay veins ng by local people, but ery are extimated around
		B Necessity	ω ,	Qua Qua nrphy
		Necessity of follow up survey is the haghest.	22	Deposit is auriferous clay vein fil dominautly but a few of NW. Quartz Recently, it have been prospecting The existence of andesite porphyry
K-Ar Age method	Rodioralia		¥	Deposit is dominautly Recently, The exists
Age Determination.	Identification of fossils	Spot * A A A Spot * Spot * A A A A Spot * Spot * A A A A A A A A A A A A A A A A A A	Summerized Summerized	Other * specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

,					
Survey	Southern Sierra Madre ~ Polillo		Prospects No.	No.12 Mount. MALOLOD Iron Prospect	Iron Prospect
Locality *	1/50,000 % BURDEOS Aggosraphic _{No.}	* X Coordinates	21,300 × Coordinates	00,400	% Altitude (加)
Survey **	May 8, 1985	Surveyor 36	K. Tonoda, A. Matos	atos	
Compiling data (file No.)	QZ-455	Owner of mining right			
Metallogenic province		Type of Orek Deposits			Country % Cuartzdiorite One Denosite
Ore mineral	.by field observation *	by mic	by microscope		by X-ray diffraction
Assemblage	Pyrite, Limonite				
					and the second s
Gangue mineral	by field observation *	by mic	by microscope		by X-ray diffraction
Assemblage					
Alteration	by field observation *	ру шіс	by microscope		by X-ray diffraction
mineral Assemblage	Sericite	· ·			в 50806 в 50202
Combination of country rocks	ANAWAN formation (volcanic rocks and quartzdiorite (Pollilo diorite body)	and sedimentary rocks),	y rocks),		

					The state of the s
		Follow up survey is needless.	ı		n were related to quartadionite ve those because of collapse te disseminated with pyrite secondary limonite bed ation of hematite-pyrite is of country rock were 65.88%.
	·	<u>(a)</u>	ш.	m	lated because hematanati limatana mema
Another	Another fossils	Necessity of follow up survey is low.	"	u	specularite) mineralization were reas very difficult to observe those of MT. MALOLOD, quarzdiorite dissendery cracks were present and secondary lat small vein and dissemination of brought from mafic minerals of courons were Fe 58.35% and Fe 65.88%.
A M	A A	Nece up	.:		miner cult D, qu pres and mafi
		О	Ω	۵	ite) alolo alolo were vein from Fe 5
		Possibility to consider, the follow up survey.	ħ	"	it with side fille fills bed the bed
		O	O	O	MALO MALO ch o cck,
Rb-Sr Age method	Nanno- Plankton	of follow up high.		*	assumed that hematite (pange on the MT. MALOLOD, but stream located in eastern ization and argillization gnized by trench observatized country rock, limonifis of ore samples from boness of ore samples from boness
		Necessity survey is		,	! H . F . B . B . W . I
		<u>m</u>	m	m	r of r of r fied kness
C 0127485		Necessity of follow up survey is the highest.	п	4	On the basis of a paper Q2-455, it is assumed that hematite (paintrusion. There were some traces of trench mining on the MT. MALOLOD, but and covering of heavy vegetation. This investigation were done along a stream located in eastern were distributed in the area, limonitization and argillization existed in the bottom of river. Depend on a paper Q2-455, it was recognized by trench observatiocourred in the silicified and argillized country rock, limonit formed 5~20cm in thickness and grades of ore samples from bons
K-Ar Age method	Rodioralia		A rsis	4	On the bas intrusion. There were and coveri This inves were distr existed in Depend on occurred i
}		* ti	ai ,		*
Age Determination.	Identification of fossils	Spot investiga	So Kesult of the geochemical A	Summerized For evaluation	Other specially mentions

ok boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey %	Southern Sierra Madre~Polillo		Mineral % No.13 MARCOPPER POLILLO Prospect	LLO Prospect
Locality *	1/50,000 * POLILLO	* Coordinates 26	26,000	*
Survey *	April 29, 1985	Surveyor	K. Tonoda, A. Matos	
Compiling data (file No.)		Owner of mining right	MARCOPPER	
Metallogenic province		Type of Orest Deposits	Porphyry Molybdenium	Country % Quartzdiorite Coa Descrite
	by field observation *	by microscope		by X-ray diffraction
Ore mineral Assemblage	Fyrite > Molybdenite	υ 0	G 0329485	
)				
	by field observation *	by microscope	edosco	by X-ray diffraction
Gangue mineral	Quartz(milky white)			
	by field observation *	· by microscope	oscope	by X-ray diffraction
Alteration	Sericite-Chlorite			
Assemblage				
* Combination of country rocks	Quartzdiorite and its facies of	Polillo diorite body	body	
an Anna and Philippe Box				

			survey		· · · · · · 	
			Follow up su is needless.	ts.		ound ations hed 5 W d d
	·	÷	E Foll		<u> </u>	extended around Some explorations s accomplished striking N85 W mdybdenite h argillized ybdenite bearing
						exter Some s acc strin ndybo n adybo
			of follow is low.			ltered to reddish brown clay. Some exploration not been known. This survey was accomplished nartz veinlet(1~2cm in width) striking N85 W Pyrite dissemination and some mdybdenite vein, and it was contacted with argillized for molybdenite, but above molybdenite bearing
-	od he	l d			*	NRCOP
	Another	Another	Necessity up survey			
			0	a	۵	ratic to re einle diss
			Possibility to consider; the follow up survey.	*	. "	traces of as been a first are of and grants of augusts ne target
			C	υ Ο	U	TREEK diori repor d min ed qu ing-w surf
-	d)	· · · · · · · · · · · · · · · · · · ·	 			TAN (artz(but : inati
	Rb-Sr Age method	Nanno Plankton	of follow up high.			treem of CANICANIAN CREEK and traff 1~2km, and quartzdiorite has e by MARCOPPER, but reports on i AN CREEK adjacent old mine site, in pyrite disseminated quartzdio quartz veinlet. n width) in the hanging-wall of de. mainly been prospected with the wand locally in the surface.
			Necessity o survey is h		-	midstream c nt of 1~2k done by MA CANIAN CREE ved in pyri in quartz cm in widtt 1 side. had mainly y few and 1
	l		හ	ω	m	lin exte been cani been seen seen seen le(1 pect
	c 0127485		ity of follow up	11	•	This prospect is located in midstream of CANICANIAN CREEK and the above prospect with extent of 1~2km, and quartzdiorite h including drillings had been done by MARCOPPER, but reports of for the outcrops in the CANICANIAN CREEK adjacent old mine si and dipping 60 NE were observed in pyrite disseminated quartz concentration were also seen in quartz veinlet. There was a fracture zone(1 cm in width) in the hanging-wall quartzdiorite of hanging-wall side. It seems that this prospect had mainly been prospected with t quartz vein are observed very few and locally in the surface.
	K-Ar Age method	Rodioralia	Necessity survey is			This prothe above includin for the and dipple concential There we quartzdial it seems
	K-A neet		۷ g	A	٧	
	Age Determination	Identification of fossils		Section of geochemical A	Summerized evaluation	Other * specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey * area	Bohol	Mineral * Prospects_No.	* 1. Bonakan	
Locality *	1/50,000 * Talibon Magosraphic _{No.} 38503 Coc	X X Coordinates 7, 200	*	% Altitude (m)
Survey *	May 23, 1985 Sun	Surveyor * T YA	T. Yamada, W. Diegor,	F. Sajona, N. Baybayan
Compiling data (file No.)	Owr	Owner of mining right		
Metallogenic province	Tyr Der	Type of Orest Porphyry	Copper (Vein)	Country of roxere-Homblende Andesite
Ore mineral Assemblage	by field observation * malachite	by microscope		by X-ray diffraction
Gangue mineral Assemblage	by field observation * quartz clay minerals	by microscope		by K-ray diffraction
Alteration mineral Assemblage	by field observation * Fe. oxide Mn- oxide	by microscope		by X-ray diffraction
Combination of country rocks	Pyroxene-hornblende andesite			

		A			me true	
		survey			The occurrence of malachite indicates existence of Cu but may be in small amount. Argillization and silicification is imprinted on the andesite; very strong for the former, eak for the latter. There is also a possibility of gold occurrence.	
		Follow up su	8		الم الم	
		Foll is n			Smc	
		ш	m	Ш	in and	
		110w	<u> </u>		of str	
		of follow is low.		•	may ery pre	
Another	Another	Necessity of foll up survey is low.			, ' Ck	
A Bet	Ano	Necessity up survey			2 = 4 = 4 = 0	
		Ω	Ω	۵	des de la	1
		volle			to a	
		y to the follow			ままで	
			24	,	ste (on	
		Possibili consider up survey			ex ntec pos	:
		 	O	O	thite indicates existence of Cu but may be ication is imprinted on the andesite; very strathere is also a possibility of gold occurrence.	
48e	uo	of follow up			icat s im als	
Rb-Sr Age method	Nanno- Plankton	of follohigh.			ind ind	
H. E	Z A		Ł	*	atio sere	:
	1	Necessity survey is			ach:	
		 			mah ilici r	
		e e	α	<u> </u>	ot a s	
		follow up highest.			The occurrence of malac Argillization and siliciti weak for the latter.	
		1	±		4 to 1	
	ia	Necessity of survey is the			occi liza for	
K-Ar Age method	Rodioralia	Nece			ar Sil	
K-Ar metl	L	A no	A	.∢	T + 3%	
tion	ation s .	* igati	sourt or sochemical A other analysi	ized	*	
Age Determination	Identification of fossils	Spot * ,	Kesult of geochemical & other ana	Summerized evaluation	Other specially mentions	
Age Dete	Iden of f		noiden orq is x ∞∞		Other specia	

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey *	Bohol	Mineral * Prospects _{No.} 2. Campacot	
Locality	1/50.000 * Talibon Repographic _{No.} 38503	* * * * * * * * * * * * * * * * * * *	Altitude ' (m)
Survey **	May 22, 1985	Surveyor * T. Yamada, W. Diegor, F.	Sajona, N. Baybayan
Compiling data (file No.)			
Metallogenic province	-	Type of Orest Porphyry Copper	Country ** rock of Andesite breccia
Ore mineral	by field observation * malachite	by microscope	by X-ray diffraction
Assemblage	pyrite magnetite		
Gangue mineral	by field observation *	by microscope	by X-ray diffraction
Assemblage			
	by field observation *	by microscope	by X-ray diffraction
Alteration	clay mineral		
Assemblage	rin-oxide Fe-oxide Silicification		
Combination of country rocks		ccia, diorite	

Rb-Sr Age Another method	Nanno- Plankton fossils	follow up B Necessity of follow up C Possibility to highest. Possibility to D Necessity of follow E Follow up survey highest. E Is needless. Is needless.	ш СО 1	ш и О « « »	A mining company owned by Mr. Aznar of Cebu prospected in the area from 1952 - 1954. About 20 m tunnel was dug probably following a vein system. Dimension of tunnel: height 2m, floor 2m wide. Waste from this excavation is dumped about 20m from portal, and consists of pyritized, silicified, slightly argillized plagioporphyric andesite. Moderate exidation is imprinted on the rocks. Malachite stains occur sparsely although no Cu-sulphide was seen sounts vein (asween) is not dense Mn-exide winters also occur.
		ecessit urvey 1			by M Wightly Mer
			ന	m	wned pro
K-Ar Age method	Rodioralia	A Necessity of follow up survey is the highest.	A "	" Y	A mining company owned by zen tunnel was dug probal 2m wide. Waste from this pyritized, silicified, sliglimprinted on the rocks. Quartz vein(as~2cm) is r
Age Kermination.	Identification of fossils	Spot *	Kesult of geochemical & other analy	Summerized evaluation	Other * specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

	Survey %	Boho *		The second secon		Mineral :	m	Cangmundo	(Tuba Tuba)	uba)		
Li	Locality	* 1/50,000 * Rapographic _{No.}	i i	Talibon 38503	X Coordinates	13,300	* Coordinates	11,450	% Altitude		001	(111)
	Survey % date	*	May 23,		Surveyor	* R. Otsubo,		L. Morales,	E. Esquuerra	4	R. Miranda	
L	Compiling data (file No.)				Owner of mining right	10						
	Metallogenic province				Type of Orest Deposits	Vein		•	Country % rock of	Volcanics	s (Andesite	ite)
	Ore mineral	by field ob	by field observation gold	*	р д	by microscope			by X-ray diffraction	fraction		
	Assemblage	Pyrite	بر الم					:				
~ r. · . <u></u>												
L	Gangue mineral Assemblage		by field observation guartz calcife	¥	by a	by microscope			by X-ray diffraction	fraction		
	Alteration mineral Assemblage	by field Clay	by field observation Clay minerals limonite	iseld observation * Clay minerals argillization limonite axidation	· ·	by microscope	•		by X-ray diff	diffraction		
	* Country rocks		volcanics (Andesite) diorite (?)	desite)				-				

	,		∆			desilk gable
	· · · · · · · · · · · · · · · · · · ·		Follow up survey is needless.	t:	"	c rocks on th pyrite. Panning not recogniz yed area.
			Ш	ш	ш	d with
	Anothermethod	Another fossils	Necessity of follow up survey is low.		u	fractured voldisseminate A and test palizations a es of the si
	Ar	An A	Nece up			hly mes nes n; t;
. !			Ω	D	۵	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Possibility to consider, the follow up survey.			lerlained by thermally altered, highly fractured volcanic rocks weathered, slightly chloritized at times disseminated with pyritestill active in the area (adit, French and test pit). Panning we slowed down. Reported Cu mineralizations are not recogned and mithin the adjacent vicinities of the surveyed area.
			0	O	O.	the and it
	Rb-Sr Age method	Nanno- Plankton	Necessity of follow up	k		0 5 W K
			മ	Ω	m	deed 18
			Necessity of follow up survey is the highest.	п	H	The surveyed area is un The wall rock is deaply Exploration works are tivity is reported to h Several test pits have
	K-Ar Age method	Rodioralia	4	A ysis	A	The s The v activity Sever
	Age Determination	Identification of fossils	Spot * Spot	Section A geochemical A ga & other analysi	지하는 Summerized 관류 evaluation	Other % specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey **	Bahal		Mineral * Prospects _{No.} 4. Baas	
Locality *	1/50,000 * Talibon Aspographic _{No.} 38503	* X Coordinates	1	Altitude (m)
Survey **	May 21, 1985	Surveyor *	T. Yamada, W. Diegor, F.	F. Sajona, N. Baybayan
Compiling data (file No.)		Owner of mining right		
Metallogenic province		Type of Orest Deposits	porphyry copper	Country * quarta-diorite rock of pyroxene-andesite
Ore mineral Assemblage	by field observation * pyrite magnetite (malachite)	by mici	by microscope	iff
Gangue mineral Assemblage	by field observation * gnartz	ру піс	by microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * silicification clay-mineral limonite Mn-oxide	by mic	by microscope	by X-ray diffraction
*Combination of country rocks	quartz diorite Pyroxene andesite	:		

		T	· · · · · · · · · · · · · · · · · · ·		2 0
		Follow up survey is needless.	E	H	almost regul
		ш	uj	ш	N J
Another	Another fossils	Necessity of follow up survey is low.	*	ll	wasts veinlet but Mn-oxide ion is weak.
			Ω	۵	of the
		Possibility to consider the follow up survey.	**		Silicification and argillization of rock is strong; and quartz veinlet is almost regular nd dence. Limonite staining overprints whole outcrop but Mn-oxide development is light. Cu mineral was not obseved and pyrite dissemination is weak.
		O	ပ	၁	A fright
Rb-Sr Age method	Nanno- Plankton	Necessity of follow up survey is high.	· 2	"	staining overpiss not obseved
		S N	8	B	1 to 1
					doni
	d	Necessity of follow up survey is the highest.	. "	, , ,	fication and ence. Lim
X-Ar Age method	Rodioralia	1 1	Aysis	A	Silicification and dence slight. Co
Age Determination	Identification of fossils	Spot * A A investigation of Result of	geochemical A	장한 Summerized 관련 evaluation	Other * specially mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey 3k area	Bohol	Mineral * Frospects _{No} 5. Laka	
Locality *	1/50,000 * Taliben Aggestaphic _{No.} 38503	* /	(H) QQ
Survey **		Surveyor * R. Otsubo, R. Miranda, L. Morales	sə
Compiling data (file No.)		Owner of mining right	
Metallogenic province		Type of Orest Deposits porphyry copper country states of the Deposit of the Denosity	diorite
Ore mineral Assemblage	by field observation * pyrite chalcopyrite magnetite (?)	by microscope by X-ray of	by X-ray diffraction
Gangue mineral Assemblage	by field observation * Clay mineral guartz (?)	by microscope	difraction
Alteration mineral Assemblage	by field observation * limonite Mn-oxide Clay mineral	by microscope	by X-ray diffraction
Combination of country rocks	diorite volcanics		

											ı
Age Determination	K-Ar Age method			Rb-Sr Age method				Anothermethod			
Identification of fossils	Rodioralia			Nanno- Plankton				Another			r
Spot * /		Necessity of follow up survey is the highest.	B Necessity of survey is h	of follow up high.	0	Possibility to consider the follow up survey.	0	Necessity of follow up survey is low.	Ш	Follow up survey is needless.	1
Section A geochemical A ga & other analysis	A .ysis	n.	В	*	O		D	"	Ш	#	
Summerized	¥	4	හ	н	Ç	"	D	n.	ш		Γ
Other * specially . mentions	Minera magneti Veinled Mangai	Mineralization occurs a magnetite (?) along the veinlets and stringers. Manganese and iron oxoxidation are the most o	trs as sparthe disorth	te body. are comm	T Z Z	Mineralization occurs as sparse disseminations of pyrite with minor chalcopyrite and magnetite (?) along the diorite body. Minor amounts of pyrite also occur along quartz veinlets and stringers. Manganese and iron oxides are common along criss-crossing fissures. Argilization and oxidation are the most common alteration with slight silicification.	essi,	with minor chrite also occu	T a co	pyrite and long quartz	

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey **	Bohol		Mineral * Prospects _{No.} 6. Balisong	
Locality *	1/50.000 * Talibon Agposraphic _{No.} 38503	* X Coordinates	3,450 cooldinates 5,200 Altitude '	*
Survey *	May 21, 1985	Surveyor 3k	T. Yamada, W. Dieger, F. Sajona,	na, N. Baybayan
Compiling data (file No.)		Owner of mining right		
Metallogenic province		Type of Orest Deposits	porphyry copper rock of	Country * guarte diorite
oro	by field observation *	by microscope		ray diffraction
Assemblage	chalcopyrite			
,	pyrite magnetite			
Gangue mineral	by field observation * quartz	by microscope	by X-ray	ray diffraction
Assemblage		·		
	by field Cheerworth *	ecosoroim vd	ver-X vd	ray diffraction
Alteration			· ,	
mineral	clay mineral			
Assemblage	limonite hematite		- <u>-</u>	
Combination of				
country rocks	volcanics (amygdaloidal	basalt)		
		1		4, 111

Age	X-Ar Age	· ·		Rb-Sr Age		Ano	Another		
Determination.	method			method		method	od.		
		, '		-		_ :	· · · · · · · · · · · · · · · · · · ·		
Tdentification	Rodioralia			Nanno-		Another	her		
of fossils				Plankton		fossila	i13		
:									
Spot * A	l	Necessity of follow up survey is the highest.	B Necessity survey is	of follow up C	Possibility to consider the follow up survey.	D Necessity up survey	Necessity of follow up survey is low.	E Follow up su	Follow up survey is needless.
Sochemical A	A ysis	п	m	O	<u> </u>	۵	2	u.i	*
Summerized	Ä		æ	O		Ω	, and the second	LLI	
Other *	Devel	opment of g	ossan is a	trong givin	Development of gassan is strong giving reddish-brown to yellowish-brow color to outcrops	1 to y	110wish - br	ow color	To outerap
ally .	Pyrite	lisseminatio	n is week	; and silic	Pyrite dissemination is week; and silicification of diorite is strong giving brittle	rite -	s strong gi	Ving brit	d T
mentions	alterat	alteration of the rock	. Chal	opyrite dissi	halcopyrite dissemination was observed within a float of fresh	served	within a f	loat of f	resh
	diorite	diorite on top of a hill.		his cobble	This cobble-sized float is estimated to contain 0.1-0.2%Cu	estima	ted to con	Tain O.1	~0.2 %Cm
					,				
									ią symtonomy tap

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey %	Bohol	Mineral * Prospects _{No} 7. Talibon (San Francisco)	
Locality *	1/50.000 * Talibor Mapographic _{No.} 38503	X	(単) 乙
Survey **	May 24, 1985	Surveyor * R. Otsubo, N. Ferrer, C. Cebrian	-
Compiling data (file No.)			
Metallogenic province		Type of Orek Deposits a uvia	
Ore mineral	by field observation * quartz	by microscope by X-ray diffraction	
Assemblage			
Gangue mineral Assemblage	by field observation * none	by microscope by X-ray diffraction	
Alteration mineral Assemblage	by field observation ** Non@	by X-ray diffraction	
Combination of country rocks	none		
		WIE	

	rvey	1	f	1			
	Follow up survey is needless.	. t	. #	its in Bohol Island were derived from the Taribon gunts been skopped from mig84.			
	្រា ភ្នៃ និង	ш	ш Ш	مطنعم			
			<u>-</u>	12			
	of follow is low.			7 + 76			
Another method Another	Necessity up survey		u	d from			
	Ģ	D	Δ	1,46		e V	
	y to the follow			re der 984.		v 2	
	Possibility consider the	*	"	and were of			
	Possi consi			slame	<u>-6</u>		
	0	O	၁	<u> </u>	W 0C-		
Rb-Sr Age method Nanno-	follow up			s in Bohol I	the fish pond		
M B N E	मृत	*	#	en en	¥		
	Necessity survey is			1.77			
	<u>m</u>	Ω	Ω)	b od	S S		
	Necessity of follow up survey is the highest.			The silica sand deposionite iorite Mining activity have	Digging site become		
	ty of	u	"	silic s s ac	> &		
K-Ar Age method Rodioralia	<u> </u>	<u> </u>		diorites Mining	Diag		
J	A n	1 A a ysi	∢ .	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		-
Age Determination Identification	Spects Sp	Seochemical A	Summerized F evaluation	Other * specially mentions			

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey *	Bohol	Mineral * Prospects _{No.} 8. Kauswagan	
Locality *	1/50,000 * Talibon Agpographic _{No.} 38503		#
Survey **		Surveyor * R. Otsubo, R. Miranda,	L. Morales
Compiling data (file No.)		Owner of mr. Tirso Nuera	
Metallogenic province		porphyry copper	country of hornblende guartz diorite
Ore mineral Assemblage	by field observation * pyrite chalcopyrite bornite magnetite	by microscope	4.73
Gangue mineral Assemblage	by field observation * guartz	by microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * limonite clay mineral	by microscope	by X-ray diffraction
% Country rocks	hornblende-quartz diorite volcanics (andesite)		

												Γ
Age Determination	K-Ar Age method				Rb-Sr Age method				Another: method	·*.		ست فرسیده و افزار از این است. است سال کارد از دار است امریق بر در ا
Identification of fossils	Rodioralia				Nanno- Plankton				Another fossils			
	4	Necessity of follow up survey is the highest.	9	Necessity of fo survey is high.	of follow up high.	O	Possibility to consider, the follow up survey.	۵	Necessity of follow up survey is low.	ш	Follow up survey is needless.	T
Sectemical A	A	и	co.	*		O	*	Ω		ш	ŧ	T
Summerized	А	И	œ	a		, CO	"	۵	<i>I</i>	Ш	t	Γ
Other * specially mentions	The surva Fold pant Vilbgers du which dug	The surveyed area is proged panning activities villagers during the time which dug three (3) dri	(3) Try (3)	es along me of t drill hol	tly being Kauswe he surve es that	Z ie Z	resently being mined (small scale) by the mining right owner. along Kauswagan River is the main source of income among the of the survey. There is also a reported Canadian firm ill holes that yielded favorable results	Le a le le	by the ministreported of calls	ao z z o z z	ight owner. ian firm	

ok boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey :k	Bohol	Mineral * Prospects _{No.} q. Mahayag	Zay
Locality *	1/50,000 * Cambangay Sur Aggographic _{No.} 38494	* V Soordinates	(1,850 Altitude" (60 (m)
Survey *		Surveyor * T. Yamada, W	W. Diegor
Compiling data (file No.)		Owner of mining right	
Metallogenic province		Type of Orek porphyry copper	Country * diorite
Ore mineral Assemblage	by field observation * chalcopyrite (very rare) pyrite	by microscope	by X-ray diffraction
Gangue mineral Assemblage	by field observation * quar tz	by microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * chlorite epidote K-feldspar	by microscope	by X-ray diffraction
Combination of country rocks	quartz dierite plagiophyric andesite		

	-		į									
Age Determination	K-Ar Age method				Rb-Sr Age method	<i>i</i>			Another			
Identification of fossils	Rodioralia	o o		es IM	Nanno- Plankton				Another			
612908		Necessity of follow up survey is the highest.	n	Necessity of fo survey is high.	of follow up high.	O	Possibility to consider, the follow up survey.	0	Necessity up survey	of follow is low.	w	Follow up survey is needless.
Kesult of	A ysis	*	В	**	.—	ပ	u	Ω	*		μĵ	Ł
Summerized	¥	H	Ω	ll .		O	W.	Ω			ш	и
Other * specially mentions	Quart phyllic Mine rare	Quartz diorite is phyllic (near some Mineralization is rare chalcopyrite	guo guo	printed by weak potassic artz veinlet), propylitic (overpresented by dissemination Quartz veinlets are thin,	by weak t), prop d by dis	Po' Sc.m are	ا ک کا	mm >	(about darea) 10% of	t 8m wi rock w	de de	atteration (about 8m wide area), asgillicra scattered area). pyrite ~ 10% of rock when present and some 2mm wide, at most 2cm wide

ok boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey **	Bohol		Mineral * 10. Salamanca	ca
Locality *	1/50.000 * Cambangay Sur Agpostaphicno. 38494	* X Coordinates	No.1 15,100 * No1. 8,650 No.2 15,400 Coordinates No.2 8,830	Altitude (No. 2 110 (m)
Survey *		Surveyor	T. Yamada, W. Diegor	
Compiling data (file No.)		Owner of mining right	1956 Wentworth Mining Co.	
Metallogenic province		Type of Orek Deposits	hydrothermal, Fosure filling	Country of hornblende andesite
Ore mineral Assemblage	by field observation * Chalcopy rife Chalco cife pyrife	by mic	by microscope	by X-ray diffraction
Gangue mineral Assemblage	by field observation * guartz. calcite	by mic	by microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * clay mineral chlorite - epidote	by mic	by microscope	by X-ray diffraction
Combination of country rocks	hornblende andesite flows Big pyroxene andesite flow About 1 km east of site	, breccia is quartz diorite	diorite	

											r
Age Determination	K-Ar Age method			Rb-Sr Age method			Anc	Another method			
Identification of fossils	Rodioralia		· .	Nanņo— Plankton	1.		Ano	Another fossils			
								· .			
	A Necessity of follow up survey is the highest.		B Necessity survey is	of follow up high.	O	Possibility to consider, the follow D survey.		Necessity of follow up survey is low.	Ш	Follow up survey is needless.	
Kesult of Geochemical A	A "	111	ි ස	*	U	Н	Ω	2	ш		ı—
전한 Summerized 관금 evaluation	" A	ш	B	#	ပ	"	۵	n	Ш	II.	
Other * specially hentions	No.2 occurren secondary chalco of veins. Some	cite c	assembla n quartz v	f about 4 ge. Alter einlets do	to the	No. 2 occurrence consists of about 40cm wide zone of quarty vein with chalcopyrite-pyritesecondary chalcocite assemblage. Alteration of country rock is confired only along the width of veins. Some thin quartz veinlets do not contain a mineralization. Immediately bordering	anact vock is	confired	chalco anly ately	ppyrite - pyrite along the wide bordering	1 1. 35
	the 400m vein is fresh wider (5~6cm) oxidatio	SI OX	fresh andedation (limonite)	No.	the 400m vein is fresh andesite. No.1 occurrence is a thin (~10m) quarty veinlet with a wider (5~60m) oxidation (limonite) zone. Tiny specks of oxidized (u mineral occur.	s of ex	(~10m) 64 sidized a	450 x 1	veinleTwitha leral occur	
	scattered or silicified	<u>[]</u>	fied join	t surface	S	joint surfaces of the andesite.					
		. •							·		

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey *	Bohol		Mineral : Nagasnas Prospects _{No.} II. Nagasnas	
Locality *	1/50,000 * Batuanan Magosraphic _{No.} 38491	X X Coordinates	7,250 coordinates 9,250	* Altitude' 20 (m.)
Survey *	May 13, 1985	Surveyor *	R. Otsubo, E. Esguerra	
Compiling data (file No.)		Owner of mining right		
Metallogenic province		Type of Orek Deposits	Othomagmatic	Country * Serpentinite
Ore mineral	by field observation * pyrite	by mics	by microscope	by X-ray diffraction
Assemblage		: 		
Gangue mineral Assemblage	by field observation * Serpentine	by mic	by microscope	by X-ray diffraction
,				
Alteration mineral Assemblage	by field observation * talc chlorife epidote	by mic	by microscope	by X-ray diffraction
Combination of country rocks	peridotite serpentinite			

		vey			tal.
		Follow up survey is needless.	t	. 12	by Ariste stab. om this area
		Follow up suis needless.			Aria
		<u>(ii)</u>	Ш	Ш	\$
		of follow is low.			es of Boho
Another	Another	Necessity up survey		*	sources out
		۵		۵	- # 13
		Possibility to consider, the follow up survey.		"	We deduce from description of report (Gedogy and Mineral Resources of Bohol 2) that Ni grade is 0.60%. Field mapping shows no observable Ni mineral in host rock. Normal Ni value in ultrabasic rock is 0.2% and though analysis to a times (0.60% Ni), it is still considerably low grade.
		O	O	O	N Z Z
Rb-Sr Age method	Nanno- Plankton	of follow up high.			of report
		Necessity survey is P			o.60% ws no obs m without
		മ	ω	ω	sho sho
		Necessity of follow up survey is the highest.	п	"	We deduce from descrip 982) that Ni grade is o. Field mapping shows Normal Ni value in gave 3 times (0.60%)
K-Ar Age method	Rodioralia	٠,	A	Æ	We de 1982) the Field Norm
Age Determination	Identification of fossils	Spot **	red geochemical A	Fig. evaluation	Other * specially . , mentions

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey %	Bohol		Mineral * Prospects _{No} 2. Byenavista	sta
Locality *	1/50,000 * Cambangay Sur	* Coordinates (10, 500 coordinates 5,550	* Altitude (π)
Survey *		Surveyor *	T. Yamada, W. Diegor	
Compiling data (file No.)		Owner of mining right		
Metallogenic province		Type of Orest Deposits	Residual	Country *
Ore mineral Assemblage	by field observation * Mn-oxide Fe. Oxide pyrite	by microscope	ecope.	by X-ray diffraction
Gangue mineral Assemblage	by field observation * calcite clay mineral minor quartz	by microscope	oscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation *	by microscope	oscope	by X-ray diffraction
% Combination of country rocks	Mn-oxide in limestone	¥ 1	\$1	

i						· +8
			Follow up survey is needless.	ŧ	. #	in large file oxide file
			ш	Ш	ш	i i i
	Another	Another	Necessity of follow up survey is low.	*	"	on in cavities and sinkholes in coralline to massive limestodissolved Mn in the limestone, and reconcentrated it in large ice of a small patch of pyrite in a small manganese oxidace as to its relation with Mn deposition.
			0	, 🗅	0	My and C
			Possibility to consider the follow up survey.	×	"	cavities and sinkholes in coralline to milued Mn in the limestone, and reconcentration as mall patch of pyrite in a small nas to its relation with Mn deposition.
		:	O	U	ပ	g = N
	Rb-Sr Age method	Nanno- Plankton	Necessity of follow up survey is high.	*	,	, 2 8 8
			മ	æ	മാ	mula Spa b
	K-Ar Age method	Rodioralia	Necessity of follow up survey is the highest.	" "	±	Mn occurs as accumulation Meteoric water probably a depressions. The occurrent obses not give much eviden
	Age K- Determination m	Identification Re	Spot * A	Section of geochemical A	Summerized A	Other * specially M

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey % area	Bohol	Mineral * Prospects _{No.} 3 Bocto
Locality *	1/50,000 * Sterra Bullomes Aggosraphic _{No.} 38493	* * * * * * * * * * * * * * * * * * *
Survey **	May 11, 1985	Surveyor * T. Yamada, W. Diegor, L. Morakes
Compiling data (file No.)		Owner of mining right
Metallogenic province		Type of Orest Ni orthomognatic Country sk serpentivite Deposits Mg alteration & remobilisation Ore Deposits
Ore mineral	by field observation * magnesite	
Assemblage		
· ·		
Gangue mineral Assemblage	by field observation * Serpentine pyroxene	by M-ray diffraction
Alteration mineral Assemblage	by field observation * talc Antigorite Asbestos	by X-ray diffraction
Combination of country rocks	serpentinite	serpentinized peridotite, pyroxemite

		T	<u></u>	<u></u>	T = 3
		survey is.			tion of prospect (Geology and Mineral Resources of Bohol, by Ariate lated with the magnesite veinlets; published analysis giving 0.58% mapping verifies existence of magnesite veinlets, and abso shows no host rock. The veinlets are normally 50m thick, Some 10cm, but widely separated. Normal Ni value in serpentivite is 0.2% and area gave about 3 times as much (0.58% Ni), it is still considerable
		up su	t.		Arris Des S
		Follow up St is needless.		,	7 2000
		Follow is need			- 508 7 5 ts
		(ii)	ш	m	8 4 8 A D
		10w			1 1 8 8 7 1 T
		follow low.	·		高春井 幸
D ma	<u> </u>	Necessity of up survey is	à		hed ser in I
Another	Another fossila	Necessity up survey			2 C C C C C C C C C C C C C C C C C C C
₹ H	\(\frac{1}{4} \) \(\tilde{\psi} \)	Nec			A Signal A S
		Ω	Q	۵	orm Val
		Llow	·		Z Ta & C Z
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		Lity E th	.		S S S S S S S S S S S S S S S S S S S
		Possibility to consider the follow up survey.			Peolo Line Time
		Pos			3 . E
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98	ű.	dn 3			tra to the state of the state o
Rb-Sr Age method	Nanno- Plankton	of follow up high.			To the second of
R. Be	Naı P1.		*		to by a sing of
		Necessity survey is	: :	٠	ion of prospect (Geology and Mineral Resources of Bohol, by Ariate lated with the magnesite veinlets; published analysis giving 0.58% mapping verifies existence of magnesite veinlets, and also shows no host rock. The veinlets are normally 5 cm thick, some 10 cm, but widely separated. Normal Ni value in serpentivite is 0.2% and rea gave about 3 times as much (0.58% Ni), it is still consider
		Neces	! i.		associ Field I in the
		<u>Б</u>	ω	ω	escri melli mens
	·	<u>e</u> .		_	We deduce from descript otal 1982) that Ni association Ni mineral in these are very feur, and though analysis from this a low in gnade.
		ity of follow up is the highest.			We deduce from detal 1982) that Ni Ni and 32% Mgo. observation Ni minera these are very few though analysis from low in grade.
		of fol	. ·	•	t % x x x x
		ty o		٠,	We deduce stal 1982) Ji and 32% Sbservation sbservation hese are shough analysion in grade
ev .	alia	Necessity survey is	· :		The same of the sa
K-Ar Age method	Rodioralia	Nec		* :	We beer
K-7 n n e		- -8-	A	∢	
ion-	Identification of fossils	Spot * investigation	kesuit or geochemicai A & other analysi	ized	* ,
ninat	ifice	ot vesti	Kesuit or geochemic & other a	Summerized evaluation	ally
Age Determination	Identifica of fossils	L		ក្សា ស្ត្រា ស្ត្រា	Other specially mentions
~ A	HO	rol i	nscröi	[gva]	ONH

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey :k area	Bohol		Mineral % Prospects _{No} 14 Bangwalog		
Locality *	1/50,000 * Sierra Bullones Agpographic _{No.} 38493	>k X Cooxdinates	26,450 Coordingtes 6,850	* Altitude '	450 (m)
Survey **		Surveyor *	R. Otsubo, R. Villones,	R. Miranda	
Compiling data (file No.)		Owner of mining right			
Metallogenic province		Type of Orest Deposits	orthomografic.	Country * gobbro	
Ore mineral Assemblage	by field observation * pyrite magnetite	by mic	by microscope	by X-ray diffraction	
		·			
Gangue mineral Assemblage	by field observation * pyroxene etc.	by mic	by microscope	by X-ray diffraction	
Alteration mineral Assemblage	by field observation * chlorite folc epidote	by mic	by microscope	by X-ray diffraction	
Combination of country rocks	gabbro, dunite				

Another	Another	Possibility to Consider the follow D up survey is low. D up survey is low.	E W	" E), 0.03% Cr.Os, hostrock: serpentinite;				
	Another fossils	D Necessity of follow up survey is low.	2	Ω					
Rb-Sr Age method	Nanno- Plankton	of follow up C high.	O	O	, grade: 32.98% MgO				
		Necessity of follow up B Necessity survey is the highest.	ω	a	5 Km NW of Duero Town Source: Arco, 1957				
Age K-Ar Age Determination method	Identification Rodioralia of fossils	Spot * A	Section A Sectio	Summerized A	* 50	mentions		Page 8	ber Mangar

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

the state of the s			
Survey *	Bohol	Mineral * Prospects _{No} 5 Anda	
Locality *	1/50,000 * Anda Ngpographic _{No.} 38492	* * * * * * * * * * * * * * * * * * *	* 320 (耶)
Survey **	May 1, 1985	Surveyor * R. Otsubo, N. Ferrer,	R. Villones
Compiling data (file No.)		Owner of Simsai Tan - Alamownet mining right General Base Metals	
Metallogenic province		Type of Orest Deposits Residual	Country * Sediments
Ore mineral	by field observation * pyrolusi te	by microscope	by X-ray diffraction
Assemblage			
Gangue mineral Assemblage	by field observation *	by microscope	by X-ray diffraction
	by field observation *	by microscope	by X-ray diffraction
Alteration	non¢		
Assemblage			
* Combination of country rocks	limestone, andesite		

		<u> </u>	[]	
		Follow up survey is needless.	t _c		
		w	ш	ш.	
Another method	Another	sity of follow rvey is low.	*	"	
Ano	Anor	Necessity up survey			
		۵	Ω	۵	
		Possibility to consider, the follow up survey.	A	"	
		0	O	ပ	
Rb-Sr Age method	Nanno- Plankton	of follow up high.	×	H	
		Necessity survey is			
		മ	М	В	
		Necessity of follow up survey is the highest.	и	, 21	
K-Ar Age method	Rodioralia		r is	Ą	
		*	al /		*
Age Determination	Identification of fossils	Coc Spot *	Feb Result of Geochemical A	Summerized	Other specially . mentions

ok boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey :k area	Siquijor		Mineral : Conmasquerospects _{No.} 16. Conmasquerospects	Conmasque (New Frontier)
Locality *	1/50.000 * Maria Repostephic _{No.} 37474	× X Coordinates	450 * 7,650	* Altitude' 330 (m)
Survey *	May 24, 1985	Surveyor	P. Rovilles Jr, A. 1	A. Lucero
Compiling data (file No.)		Owner of mining right	New Frontier	
Metallogenic province		Type of Orek Deposits	Residual	Country * Calcarenite rock of shale, Basaltic agalo.
Ore mineral	by field observation * psile merane	by micr	by microscope	by X-ray diffraction
Assemblage	Mn-oxide. Pyrolucite (?)			
Gangue mineral	by field observation * quartz, calcite	by mics	by microscope	by X-ray diffraction
Assemblage				
Alteration mineral Assemblage	by field observation * clay mineral	by mici	by microscope	by X-ray diffraction
* Combination of country rocks	coralline Ls, calcarenites	shale		

ok boxe's have to describe on field survey.

Data Sheet for Mineral Prospects

Survey * area	Siguijor		Mineral * Mangka (Zamba)	, Zamba)
Locality *	1/50,000 * Maria Agpographic _{No.} 37474	* Coordingtes	Soordinat	Altitude (m)
Survey **	-	Surveyor	S. Doi	
Compiling data (file No.)		Owner of mining right	David Cruz	
Metallogenic province		Type of Orest Deposits	Residual	Country ** rock of Breccialed calcarenile
Ore mineral Assemblage	by field observation * psilomerane pyrolusife (?) Mn - oxide	by mic	by microscope	by X-ray diffraction
Gangue mineral Assemblage	by field observation * guartz calcite	by mic	by microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * agate, suartz calcite clay mineral	by mic	by microscope	by X-ray diffraction
Combination of country rocks	calcarenite.			

		T	<u> </u>	1		······································	
		Follow up survey is needless.	t		30 years ago.		
	•	ш	w	ш	a se	. ·	
p p	11.	ty of follow ey is low.		# ##			
Another	Another	Necessity up survey			abourde		
[]		0	Ω	a	. 6c		
		Possibility to consider, the follow up survey.	*		300m length (by laborer), and abandoned + 1,000*/year, MnO grade > 60%		
		<u> </u>	ļ		by labor		
		U a	O	O	٠ ٢	•	
Rb-Sr Age method	Nanno- Plankton	of follow up high.	*		300m length + 1,000 x year	•	:
		Necessity a			1		
		വ	മ	<u>m</u>	ear		
	! !	Necessity of follow up survey is the highest.	ji.		Adit continued approx. Produced 14 years,		· .
	<u> </u>	ity o	. 14	*	Z Z	••••••••••••••••••••••••••••••••••••••	
K-Ar Age method	Rodioralia		, rd		Adit		
		* A	ਪੀ A ਬਰੋਤਿਤ	Ψτ	*	· · · · · · · · · · · · · · · · · · ·	
Age Determination-	Identification of fossils	Spot *	Kesuit of A geochemical A geochemical A	बह्म Summerized स्टून evaluation	Other * specially mentions		

* boxes have to describe on field survey.

Data Sheet for Mineral Prospects

Survey **	Siguijor		Mineral % Prospects _{No} 8 Pisong	
Locality *	1/50,000 * Maria Repographic _{No.} 37474	* Coordinates	,000 Societantes 4,550	* Altitude ' 220 (m)
Survey **	May 25, 1985	Surveyor *	S. Doi	
Compiling data (file No.)		Owner of mining right	Emelio Calinmpon (Died 1983,	Emelio Calinmpon (Died 1983, 80% old). Hawaii, Planlation laboron
Metallogenic province		Type of Orek Deposits	Residual	country * brecciated calcarenite
Ore mineral Assemblage	by field observation * psilomerane pyrolusitei?) Hn - oxide	by mic.	microscope	by X-ray diffraction
Gangue mineral Assemblage	by field observation * Quartz Calcife	by mic	by microscope	by X-ray diffraction
Alteration mineral Assemblage	by field observation * clay mineral calcife	by mic	microscope	by X-ray diffraction
Combination of country rocks	Calcarenite, Agglomerati	c baselt		

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Another	Another fossils	Necessity up survey			WC CO	
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		Possibility consider t up survey.			900	
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K-Ar Age method	Rodioralia	 			AA	
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Age Determination	Identification of fossils	apects B H	orq La	တ် စိ tautili.	Other specially mentions	
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of boxes have to describe on field survey,

Data Sheet for Mineral Prospects

Survey ok	Bohol	Mineral * Prospects _{Not} 19. Boyog
Locality *	1/50,000 * Talibon Magographic _{No.} 38503	× Voordinate
Survey *	May 23, 1985	Surveyor * T. Yamada, W. Diegor, F. Sajona, N. Baybayan
Compiling data (file No.)		Owner of mining right
Metallogenic province		Type of Orest hydrothermal vein rock of plagiophyric andesite
Ore mineral Assemblage	by field observation * minor pyrite	by Microscope
Gangue mineral Assemblage	by field observation * quartz clay minerals	by Microscope by X-ray diffraction
Alteration mineral Assemblage	by field observation * Fe oxide Mn oxide	by X-ray diffraction
Combination of country rocks	Andesite porphyry	

		T	<u> </u>	1	
		Follow up survey is needless.	<i>t</i>	II .	Pyritization is very weak. Although orgillization is almost total. Mn. oxide occurrence is weak to moderate. No copper mineral was observed although there a possibility that gold minerals may occur; chemical analysis of the sample will verify obviate this possibility.
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Another	Another fossils	Necessity of follow up survey is low.		#	was observed
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Rb-Sr Age method	Nanno- Plankton	of follow up high.		1	Though a to mode rade may
		Necessity c			weak. A is weak old mine bility.
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		Necessity of follow up survey is the highest.		"	Pyritization is very we Min-oxide occurrence is is a possibility that gold or obviate this possibility
K-Ar Age method	Rodioralia	4	A sis	A	Mr. ox 18 a po or obvit
Age K	Li on	* 1	Result of geochemical A & other analysis	Summerized evaluation	suc *
Age	Identifica of fossils	apects R &		Eval Tantin O O	Other specially mentions

* boxes have to describe on field survey.