A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey



A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (1)

											,	ヘメン				
	Lithostratigraphic Unit	Rock	(mga)	(bpm) (bpm)	(ndd) (no	(a) (udd)	Tb Yb (ppm)	(pdd) (Sc (ppg)	(mdd) (mdd)	(pom)	ND Ta (ppm) (ppm)	(ppm)	(ppm) Sr	(age)	£8
The Orenge are	8 8 7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								-		-			-		
2 4 30 -400 -740 Managers H.	etamorphic Complex	- B	9	5.8	23	1.1	3. 2	9 .0	9.6	25	6	27 K	2: 38	L	-	8
3 A 50 -600 -750 Number	etamorphic Complex	500	35	111	27 0.4	0.0	2.3	9 0 8	9.4	24	33	28 ⊀	İ.	767 23	999	2.33
4 A 70 -300 -750 Namaqua Metamorphic Complex	etamorphic Complex	200		500		7.7	2	0,	8 8	40	54	91 <	2 63			2 29
o ج	etamorphic Complex	No.	3 2	2 00	3.0	2 0	5.		3	326	-	33 K	2 39	750 30	25 486	. 89
6 В 20 -1050 -060 Инпация Ис	etamorphic Complex	5	28	40	43 K	30		9 0	200	22.	16	31.	34	614 2	0 493	2.59
-	onatite dyke	Med	931	1460 3	75 39.9		 		3.6	12		X 22 8	43 14	450	0 441	5.56
7	onatite dyke	po	211	139	73 95, 6	10.01	. 4		, 0 ×	× 5.8		2000	26.7.26	000	0.00	9
	ctamorphic Complex		2	164	51 3 2.2	1.61 2	1.3	0.8	9.6	22 27	- 60	2.55	650	250 2 30 460 3 BC	0000	3 2
⊣∝	eramorphic complex	ugu	90		38 K	1.1	7.0 19.4		42.0	42	-,	38	2 116	50 : 057	V16	
sier.	of another Complex	L Su	÷	2 2	6.6		3.3	0	6.2	44	20	27 K	2 37 9	8	200	100
13 Ba 32 - 800 - 525 Namaous No	etanorohio Compiler	E SE	1	92	54 0.0		5	-	25, 1	2	2.9) 15	2 63 22	270 20	2 350	5 H 5
al 🕶	attenonogio Cosoles	I I	200	000	7 V	0	6	0.2	+ 6	14 2	3 28	2.7 K	2 194 4	713	4 243	
1-	ive femite		-	103	9 9			6	2.7	34	2	7 LV	2 127 14	450 47	385	3.47
	ive (enite	100	16	200	99 6	0 0	300		3 2		17	477 (6 33 4	124 2	0 280	. 93
	etamorphic Complex	U USA	-	5	× ×		200		400	, ,	9	498	34 7	727 36	6 370	2.62
8 Bu 51 -550 -525 Namaqua Me	etamorphic Complex	024	12	85	34 0	-			200	36		200	763	633	360	. 69
19 88 52 -510 -525 MGC- Sovit	te	l Ics	83	193	68 4.6	2.4 2	. 8	*	3 6	20	34	10201	243	150	720	
20 Ha 60 -450 -525 #QC- 50vir	te	lics .	214	430	26 22.4	, 6.5	3	9.0	, LS	65		1000	0 8 6	67 / 20	1 24	28.0
20 Ba 60 120 1255 Addaggua 84	etagorphic Complex	NRn	76	166	47 1.8	1.6	2	0.6	1 4.7	-	10	101	2 V V V	172	200	96
20 C 10 T 163 - 450 %0goons to	Proposition Contract	1000	189	432	46 23.8	6.9	4.0	0.9	9	68 268	411	1930 6	7 114 1 14	150 1 390	0 7 170	000
24 C 30 -900 -450 Managua Ke	etasorobic Cosolex	NO.	000	12	7 7 6		000	8	10.2	22	3 24 1	7 27	2 41 9	956	3 442	2.37
25 C 31 -850 -450 Namaqua Mc	etamorphic Complex	Į.		77.	9.7		70	3	3	32	27	28 (2 44 2	297 6	7 35.4	. 09
26 C 32 -800 -450 Namaqua Ke	etamorphic Complex	NGN	-	49	14 K D	1 2					-	2000	7 5 5	012	260	0,75
27 E 40 1-750 "450 MOC- An be	eforsite (1)	Mcb!	37	81	15 K 0.1 k	0.5	. 6	0	6.2	1 12	300	627	9,0	*	906	
20 - 100 - 100 - 450 MUC- An De	eforsite (!)	Hcb!	116	201	58 4.0	1.8 26	. 8	0	4.0	12	16	4 04	0 / 6	200	200	5. 32
1000 100 100 100 100 100 100 100 100 10	1ve tenste	, E	-	12	14 ¢ 0.	0.5	2.9	0.8	1.2	10 2	-	350	0111	100	36	363
31 E 52 1 -500 -450 MOC- An be	oforaite (1)	1	1	25	3			9	1	2	-	269	5 K 3 52	250 501	0 499	2.82
32 C 60 -450 -450 MOC- Sevit	16	200	3 5	3,00	0.0			0.0	3.5	2	-	Į.	2.k 3 53	360 534	019 0	2.29
88 C 61 -400 -450 MOC- SOVIE	te	3 50	1	5 6 6	7000	4.			5.1	48	2	112	3 61 28	830 424	0 1050	80
34 C 62 -350 -450 MQC- Sovit	te	KC.S	100	17.5	2 80	0	000			23 24	2	67	11 0	120 485	0 2709	0.45
35 C 70 -300 : -450 MOC- SOVIT	te	, Mes	177	339	0 12 96	2 00	2	- ·	2 0	200		*	2 2 2	374	0 3950	0.53
36 E 30 -150 -450 Namages Me	etamorphic Complex	Ngn	60	69	27 1 7.0		8		2	3.5	.7	2.0	36 9	389 43	3050	1.24
SO C SO O - 450 Nomagua Me	etamorphic Complex	NEn	36	87	34 9.2	0	.4 2.4	0	2	36		7 06	2000		077	0,40
25 Ca 20 - 200 - 201 - 2	etadorphic Complex	Ngn ,	23	99	15 2.3	0.7	8.8	6	5.8	(7	92	42	2 86 2	878	2 2 2	3 5
40 Ca 32 -800 -375 Namous No	etasorobie Complex	Nen	100	7	4.4	3.5	0		22	8	9	34 <	2 5 93	300	222	7, 68
41 Ca 40 -750 -375 MUC- Mass	ive feate	×	+		,	3		3	0.5	29	22	32 <	2 37 4	154 16	7 480	2 13
42 Da 41 -700 -375 #QC- An be	eforsite ()>	- Acb.	178	467	93 32.	8.8	2) . V	8 8		404	733 24	180	2 2730	7.05
44 Fg 60 -650 -375 MDC- An be	eforsite (1)	CD	27.3	445	9.61	3.5	2 0.5	9.5	5, 7	13	3	236	2 2 20	140 36	200	2 00
44 Co 41 - 200 - 212 MUL AR OF	elorsite (1)	CD	82	181	3.8	1.3	8 0.4	6	5.8	9 22	21	4730	2	027	200	3
46 Ca 52 1 -500 -375 WOC- An be	allegate (1)	202	200	259	7.6	3.2	2 0.5	ö	8 2	13	19	648 K	2 × 3 57	790 . 522	3	2 68
47 Ca 50 -450 -375 MOC- An be	eforsite (1)	, CP	0.0	202	0 77	2.5	,	-\\\-\\\-\\\-\\\\-\\\\\\\\\\\\\\\\\\\\	3	<u> </u>	38	7	2 4 3 63	360 606	0 98	2.75
48 Ca 82 -350 -375 MQC- Syeni	ite (undifferentiated)	n S	66	2 1 1 1 1	200	2.0	000	2 v	o in c	4.0	77	2510 2	3 75	180 : 52]	0 3290	3.57
49 Ca 70 -300 -375 #QC- Syeni	ite (undifferentiated)	Ksu	10	116	15 7.4	2 63				200	100	76	238	179 181	2030	2 05
50 Ca 71 -250 -375 #QC- Sovite	16	KCS	961	287	27.	7.4 5	ξ. -	0.6	0.8	19	2	24 X	26 10	000		3
50 D D 1159 - 200 Management	200 0000	5) (S	187	286	31 25.6	7.1.1	-	9	9.0	57 5	7	152	22 8	172 330	1360	. 66
53 D 20 F1068 300 MOC- Carbo	DOBATITE COMPLEX	120	200	9 0	2	9.0	9	6	9 7	16	<u>*</u>	24 (2 41 5	12	8	75
54 D 22 -950 -300 Magaqua Metagore	stagorobie Coaplex	100	666	70.0	36.00	77 -74	7	2	19.6	05 20	36	288	4 113 58	1330	0 5370	3.77
36- 08	ite (undifforentiated)	Nen.	3 0.	25.5	2 6 0 2	200		3	3.5	2	200	23 ×	63 3	117 8	7 221	0.61
55 P 31 -850 -300 Moc- Carbo	onstite dyke	Xcd	130	9060 320	30, 622.2	126.6 46	2.7	-	5, 4	66 28	9	317	7 69	7	328	22
50 D 40 -741 -300 FCC - An be	storsite (1)	ХСБ	92	53	17 k	0.5	. 1 0. F	0.4	5.3	9	2	¥ 9	2 2 2	307	277	900
SQ N 49 EEG 1200 MOE 1	STOTS TO	I CD	2	235	77 8.4	2, 1 13	. 8 0.9	9.2	5.8	10	1,4	881	8	100		3 10
50 -60	ufors(te (1)	2 4	+	4	100	7		5	9,0	11	1	3 i 68	5 52	00 : 383	0 218	2.79
p 51 -55	eforsite (1)	Job!	75	126	3.6		2		2 0	0 8		200	2 49	70 481	20	2.90
52 -50	10 -300 MQC- An beforsite (1)	1cb1) (0)	163	62 2.5	1,1 13	. 4 0.8	0.5	2. [9	3 46	430 <	0 0	201 478	207	43
64 D 83 -400 -300 200 45 be	blorsite (1)	6	459	551	62 4.	3, 2	9	0.8	5.0	15	8	1190 K	18 63	100	20	7 3
62 -35	reference (1)	100 A	+	100	2	5 2 -	9,0	5	5.2	×) 9	2 K 3 64	40 527	25	3.05
		1 2 2 2	1	163	4:4	31		2	4:4	*		Y Z	2 K 3 85	40 1 447	9 65	2.87

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (2)

	#3 9		63	50 2 92	32 3 70	38 23	60 . 2.35	30 6 6	3.86	00	12 9 68	78 4.24	44 5.02	65 3.70	34 5 00	43 2.85	21 2 87	200	20 0 60	00 4 29	85 0 32	10 00	76 6 97	60 4.14	93 3.61	2. 56	56 4 50	49 3.85	14 2.27	70 9 99	65 2.97	84 3, 29	27 1 1 84	20 30	10 0.38	50 3.67	31 5.06	60 8 12	53 5 77	5. 13	33 3.77	28 4.40	55 4 93	26 4 06	44 3.28	86 3 45	31 3.43	48 3 44	200	50 2 95	60 4.27	22 4 U7	31 A 03	
	Sr P (ppm)		0254	2730 1 26	277 6	262 5	671 79	861 20	33.50	2000	6 688	5010	5780	4820 2	1 0925	5340	2080	41011	221 10	273 17	18	35.00	886 48	30.80	4430	5080	7440	5986	0689	4560	4656	4560	4500 25	840	25.7	923 1 15	5020 2	2550 39	5160	4140	4810 2	5030	47.0	1 0095	7170	4800	\$7.60	5620	201	582 13	2570 5960	57.10	4960	12.12
	(add)	0.20	1390	1730	1280	122	1160	4120	(63)	0363	0785	5740	7770	7580	0368	5650	27.50	000	2170	2170	242		1860	3550	6290	5040	0063	0009	5890	2860	6280	7360	1670	100	100	1930	8170	6520	0809	9450	0669	7857	6560	0690	1380	6130	6430	6280	256	1340	1720	9580	5670	
	Ta Zr (ppm) (ppm)		2 1 54	2	4 467	5 15	26 907	11	2		2.4		, , ,	2	2 <	× ×	× .	181	202	2 164	2 / 2	7 7 6	48	21 (× 2 0	2		~ ·	7 Z	2 ×	~1	× 2	5 75	2 6	20 69	2 <	3	0.0	. 02	31	× ×	1 62	2 × 3	~	1 2	2 V	61 6 S	8 154	3 514	7 456	2 6 2 6	200	
(4)	d) (mad)		2 2	522 <	265	200	299	14/0	767	7 5	510 K	1961	202 K	284 K	20 K	381 K	×	7 2		59 <	80	951	53.0	1850	343 C	2020	302 ×	507	13 4	2000	307 K	245 K	2	302	7 25	534	48 ×	182	38 K	795 1	180 K	3 2 X	1030 K	1360 K		35 ×	312	255	359	147	800	2 2	25] <	
our vey	(ppm)			2 10 1	9 22	7		3	201	9 0	2	5 6	2	8 2	1 95	8		30	96	2 31	20 0	6.8	156	5	2 1 2		100	8	91	13	4		~	18	90	6	13		2	9	5. 26	2 2	8	6	2	0 00	σο ·	0	20	9	2	25	-	
	(ppm) (ppm)	-	07	41 4	20	11	98	2.2	30	1	E	16	į.	10	20	d) (1	101	***	15			24	00	7	2 0	. 80	85	> 2	61	9	-	14	8	7 26	24		, ,	3 55	9	<u> </u>	0	80	7	, ,	7	9	69	4	18	29	1 00 7 X	- 5	,
evenemica	Sc (ppm)	6 4	7 60	0.1	15.8	2.3) (2)	2.6	1.0	2.4	3.4	3.0	4.6	, 3	3	5.3	2.6	- G	5.7	9.9	2 0	9 9	0.0	5.2	200	200	3.2	3.5	4.5	2.0	2.2	200	3.8	9.5	2 4	K 0.5	2.5	2 2	2 9	7.3	7	7 7	3.0	27		2.4	2 2	2.5	0 8	7.2	+	3, 2	2, 0	
No.	Yb Lu (ppm) (ppm)	2 0	6	2 0.9	1.2 1.0	7 0.2	3	2 0	, a	8	.8	8 0.	. 6 0. 7	5 0 6	0		0 0	9 0	2	0 1.2		1	9.5	1 7 0 6	000	~ ~	.7 0.3	3 K	2 0	8 0.2	6 0.2	2 4	6.3	1.0	200	8	80		0	. S	60 0	0	0,1	9	736	8.	9 0	0 0	5 0.2	. 2	5 6	6.0	7 0.6	0
	(add)	9 91	2 - 9	14.1	16.0	7.0	22	97.1	39.7	32.8	17.6	26.3	32.3	25.1	33.7	×-	7 50	20.3	26 6	27 1 4	0 1	34.7	14.51	20 4 0	7.8	* 5.	25.8	25.2	,,,		15.6	× 4	12.4	6.2	7.9	18.8	28.8	5 5 6	3.6	45	2 6	30.9	27 2	22.3	202	17.5	21.0	0.0	7.5	16.2	5 6 76	32. 1	24.0	
7	(mdd)	0 7	3.6	3.8	. 0 .	-	7	20	101		9 1 6	0.6	0,	7 - 7	30 c		-	0.8	k 0.5	× 0.5		7 6	19.4	2	n c ⊃ c	9 0	0.7	66	0 0	8		0	5. 6	- 6			- 6		1.9	0 X	- i		0	9,		1			K 0.5	8.0	× 6	3.3	1.9	
7 T T T T T T T T T T T T T T T T T T T	Nd Sa (ppm) (ppm)	29 0	59 11.	7, 11.	21 K 0,	30	200	190 33	165	24 K 0	53	31 K	6 7 8	45 × 0.	0 767		48 0	84 K D.	11	28 K	20 7 62	460 57	422 92.	46	5 c	50 / 92	24 K 0.	864 103.	× 22	265 39.	ن. × څ	2 8 8	56 7.	32	65 4.	35 2.	47 × 0.	160 33	86 2.	25	× 0	67	55 K 0.) - -	47	45	47	128 27	6 2	3	44	105 10.	97 6.	- 47
7 1977	ე (∎%d)	=	180	223	98		000	20.5	1323	93	233	121	4		0000	1876	206	120	44	28	25	2080	1062	143	007	6.6	84	3230	961	821	122	45	151	46	138	82	2,67	433	348	93	205	244	215	97		155	208	384	37	982	603	333	4 4	
	Rock (ppm)	-	16 s	\$ 125	800	700	000	213	669 12	S 20	51 131	11	22	200	202	100	bi 100	48	y c	4 4	5	b1 1490	199 : 1	99 2	2 4	51	D: 77	2000	3 4	431	220	190	cb1 52	200	75	5 5	1000	2	01 167	2 5	2 6	95	6.	7 2	88	201	9	183	6		547	133	233	25
	~ ~ .	100	SOF	S.	8	8	1	COR	378	2	28	Ų,	02	W S	2 3		X	¥Χ	24	20	S	(CD)	USE	2		Mch	2	004	2	P.	2	# 34 	2	20 E	HZH.	ns#	2 2	9	N CD	≅ •	do	l lcb	Ncb	004) S	KCD	Q U	3	, Ke	2 × ×	XCDI	Хcb	*cp	-
	graphic Unit	70 -300 -300 MQC- An belocsite (1)			Complex	Complex	Tetantint	(1	(1	Ϋ́	7	\ \ \ \					(1)		Complex	Complex	forentiated)	()	ferentiated)	+	\ \ \ \	i.			1)	G		1	(1	Complex	Complex	ferentiated)	Z Z		1)		2				O.	~	\ *		ferentiated)	ferentared	()	32 -800 0 MQC- An beforsite (1)	1	_
	Lithostratigraphic Un	n beforsite (ovite	ovite	N MCTABOTON	Mercal Call	venite (undif	n beforsite (n beforsite (n beforsite (n beforsite	n delorsite	D before the	A herorotte	h before, re	-225 MQC- An beforsite (n beforsite (assive fenite	a Ketahorphic	a Koromorphic	yenite (undif	n beforsite (venite (undit	n before to	a before ite	n beforsite (n beforsite	n perorsite	a beforsite (n beforsite (a perore te	n beforsite (a beforsite (a Metagorphic	a Metamorphic	venite (undif	erbonetite dy	ovite	n beforsite (n Deroratre	n beforsite (a beforsite (n beforsite (n beforsite	n beforsite (n beforsite (n beforsite (ovite	venite (undif	venite (undif	n beforsite (n befors te	n Deforsite (n Derorsile c
	a	300 MOC- A	-300 MOC-	200 000	SOUTH SOUTH	POST NAMED OF	-225 NOC- S	205 MOC. A	-225 MOC- A	-225 MOC- A	V -30% 322	1 JOH 566	225 WOC- 4	205 MOC.	225 MOC- A	225 MOC- A	-225 MGC- A	X 201 22	225 Namacu	SO Named	150 Moc- S	150 NOC- 4	2 - 200	200	150 VOC- 1	150 AGC- A	V	150 400	150 XOC- A	150 100	SOFT	150 MOC- A	4 - 20C- V	150 Namage	-150 Namagu	-75 #0C- S	7.20 87.	-75 #0C- S	7.5 ECC- A	10 TO 1	-75 MOC- X	Y-008 52-	7 20 MOC-	-75 MOC- A	-75 MQC- A	70 MOC	70 BOC- A	-70 NOC- S	-70 10c- S	O NOC- S	Y -DOIL 0	V - 300	V	C BAC
	pla X Y	70 -300	71 -250	200 - 200	0.00	- 006- 06	31) -850	32 / -800	40 -750	-700	620	. 055-	500	057- 05	423	-300	71 -250 -	72 -200	00	911	22 -950	30 - 300	000	750	11 -700	94 = 42 -650	0092	. 500	60 -450 -	- 0050 - 00	1000	71 -250 -	72 - 196	11 -100	0	22 -950	-847	12 -783	148	1020	-598	-248	984- 20	-393	12 -342	120 Ea 70 -298	.81	154	001-10	30 - 900	11 -850	32 -800	1,000	- 251
	No. Sumple	1 :	بلم	200	۱۵	100	72 Da	73 08 3	74 DA 4	75 Da	73 00 42	200	1 EG 82	80 5a	8 54 6	82 Da 1	83 Du		00 00 00	34	3 98	50 S	200	100	93 56	94 2		27 72	11	3 2 2 2 2 2	1	102 2 7	3 2 2 7 7	105 E 8	108 E 30 i	07 En 2	109 ER 3	6 83 011	Ea 40	4 2 2 4 4	114 23 5	15 24 5	2 2	9 FA 811	119 61	120 Ea 1	122 Ea 7	123 Ea 8	24 Ea 8	126 6 3	١,	128 7 3		

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (3)

No Some Cookdinate	Nate V I settlement of the set	ê	La	3	Nd	S.	Eu .	Tb. Yb.	, Lu	25°		Y O Th	N I N	Ta	2r	S	Sr		o
No.	(m)	Code	•	_				(edc	(e)			(bdc)	(mdd) (m	(#6d) ((mag)	(202)		(mdd)	 요
132 F 50 -600	8 MQC- An beforsite (1)	*cbl	8	80	8	- -	9.0	8.6	8	4 2.8	8	3	7 76	1 2	2	6 40	5520	139	32
000- 10- 100	0 Moc- An Deforstic (1)	g S	376	573	1.56	8.4	7	9		5,	4 17 K	-	2	2 2 3	3	5840	4830	171	65
	o more to before to	3	204	292	8	5	2	0.50	6	.5	2	C-3	18 67	4	× 3	0960	47.10	249	16
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	A MONTH AND CARDING TO THE PARTY OF THE PART	i i	7		5	\ 		200	5	2	3	~	2	2 X	~	6180	4770	<u> </u>	8
187 F 62 - 950	D MOC. An hoforesta	5 1	7	200	5	9	2	5		2.0	8	-5"	18	2	~	5780	4050	1.6	3.7
198 5 70 - 400	A DOLONG A D		7	2	201	1	1) 3	26			6	7 157	8 0	×	7860	1910	֓֟֟֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟֝֟ ֡֞֞֞֞֞֞֞֞֞֞	32
139 7 71 -950	0 800 - An hotoroite	1	200	0	2		1	000	7	7	0	,	20 72	2		7600	4200 [2 2	2
140 1 27 - 500	O WOC. An Deforeste (1)	100		38	16.	0 0	7,7		200	7.7	9 0	26	16 20	0	ı,	0619	1560	132	33
14 7 80 -150	D MDC- Sympton Conditionanting	1000		200	1	1	200	•			5	7	25.	5	3	5580	4820	2	3
F	C MOC- School to Condifferentiation		200	6070	301	0			2 6)	7	1.1	2	9 1 12	232	1220	1660	2	5
	C Managan Markshortham of Contract of Cont	2	9,4	200	25	 - - - - -	-	000		3	37	2	200	30	653	1800	2870 10	000	3
	70 MOC. 45 hetore(ts (1)	1	00		1	2		000	7			~	2	2	25	493	35	282	5
145 88 32 -743	70 KOC- An Deforeste	2 2	35	100	1,4,4	300	3	3.0	- 6	7	5 7	_	20	2	54	6190	4440	174	75
-750	70 NO. 4 Parona 4	1400		3	100			0] "}	5			46	S)	×	0.25	3780	802	=
006	00 TO TO TO TO THE OF THE OF		7	7,	707	• • • •		, ,	7	•		20	33	2	7	3570	3160	490	23
	20 MON TO DETOUR 15	00	3		33	- - -	3	6.0	-	5 3.	-2	-	8 34	4	3 :	5670	5100	128	99
Į.	A STREET WILLIAM STREET		1		5,7		1	7	7	.5 2.	9	63	7 76	2	8	5920	5200	127	23
	TO BOLD AN DETOTAL OF	CO	2	2		×.	200	24.5	9	. 4	9	ro	8 132	v O	4	6050	5250	108	0.4
002 00 TO 10	70 HUC- An Delorsite (1)	(CD	3	S	82	-	8	8.8	9	. 4	9	63	2 96	7 k 2	3	5510	5720	103 / 2	58
	(U MUC- An Delors; te (!)	HCD.	9	133	77	۲ ا	.,,	2 4 0	7	.6 2.	9	7	3 65	8 3	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5860	4960	122	26
000	70 Myc- An betorsite (1)	ХCD	2500	4270	1250	0.19	30.9	15. 7	0 8	. 9	999	31 2	33 103	0 0	3	8940	5120	121	7
	fy Byc- An Derorate (L)	KCD.			37.5	-	9	2.7.	0	.6	1 2	2	5 145	0 2	3	0979	4740	133	20
200	10 MUC- An Delorate (1)	gog	200	2	59	00	-	8 6	-	. 6	4 9		18	8	. 3	6250	4410	115	ŝ
0000	10 Acc- An Delorate Cit	ACD	3		164	9	4	5.8	6	.8	-	-	28 14	0	3	6410	5990	115 1 4	-
3	TO MICH AN DELOTEST CO.	KCD.	2		2			8	~	.5	<u>~</u> 	_	5	2 × 2	c 3	8890	5350	154	3
7	TO MAC- An Delorate (1)	ECD!		258	75	4.7	1.9	14.7	0	. 6	30		15 K	2 2	5 3	6280	6210	991	62
Ï	10 Mot. Syenite (andifferentiated)	n S n	3		52	2.2	~ ;	8 0	<u>د</u>	. 9 × 0.	5 23 1	3	13 27	7 17	062	1620	2 0091	906	34
100	10 Age Sychite (Mid) Herentlated	75 g		2	29	+	2	7.7	~	, ,	23	62	5 26	5 20	575	1450	2340	250 3	48
200	123 Manual Haramor Direct Complex	UZ.		2	gr	9	3	2.0	9	. 0	£2	10	13 21	9	303	640	517	7 6 4	2
10 2	100 MOD STRING SHOTTING CO.			200	4				9		22	8	9	_	436	1660	2460 . 4	020	13
000- 63	100 MOC. Sychite Lungillerantiated	200	72	7	200	×		0	2	5 (0,	2	S	5	36	108	914	545	290 2	ş
1	100 NO. 10 LOS CONTROL OF THE CONTRO			455	200	23.0		6 4	7	-		2	52 39	12	1.3	3570	3470	280 3	90
165 6 41 -719	190 WDC An hetorette	1	3		100				ľ	Z-	9	20	92	6 1	~	8480	- 1 - 2 - 2 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	250	3
4.9	100 MOC. 11 Nothern 00 11	100	6175	1	600	7	2,0	500	-	.2	7	2	18 63	4	3	5790	5970	729	7
13,	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2 2	1	- 0				2 2	٠,٠		2	-	3	3 K	8	5260	5840	107	5
511	190 MOC - 10 Deferre es (1)	MCDI	700	0 7	0	7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	200	\ ~\.		2. 9	7	22 23	8	80	5970	4110	155	፟
184 6 59 -519	194 MOC. in National Co.				36) 3 c	200		2	9	2	335	7	es	5380	5410	162	9
RO - ARG	190 WOC- An herbore ++	3 6	1		1 65			,	7	- 2			8 140		3	4580	48.0	167	
-	129 MDC- An Deforeste (1)	1	20 2	9/0	866	- - -	200	0 0	200	700			53 S	23	2	5780	4670	191	5
62 - 569	129 MOC- An hefore 15 (1)	1	*			 - 	1	,,,,	١	3	1		95 1 55	3	2	D8/4	0000	20	60
178 E 70 1 -819	129 BOC- An Deforesty (1)	140	986	300		1			,		,	-	200	7	, J	0000	1630		2
174 6 71 - 263	129 MOC- An Deformite (1)	9	36	107		3		2 0	- 0	. 2	000	3	28	0	7 .	2840	4210	115	63
175 G 72 -213	129 MQC- Sovite	Mcs	306	524	186				. ~			, .	12	200	- 00	08/0	3240	3	3
128 5 80 - 163	129 MQC- Syenite (undifferentiated)	Med	2.2	(3	20 <	- -	5	67	24	, ,		2	7 33	7 1 2	200	0307		700	3 5
177 5 9013	129 Mamaqua Metamorphic Complex	uBi i	78	132	41	9			9	3.5	0.		16	2	27	100	200	300	
178 Fa 31 -863	204 MQC- Syenite (undifferentiated)	. n.s.n.	13	22	01	0, 1 K	0.5	8.4	2	9 8	0.	12	200	-	507	254	308	907	2
179 52 32 1-813	204 MQC- Syenite (undifferentiated)	ns K	40	69	24	0.2	9,0	8.3	. 2	.6 × 0.5	10	**	28 167	5.7	493	978	647	00	š
180 Ga 40 (-763	204 MQC- Carbonatite dyke	RCG	2730	4920	0661	136.0	71.1	16.3	8	.8	52	*	9	8	6	7890	6210	246 7	2
181 18 4	204 MCC- Syenite (undifferentiated)	ารถ	20	2	53		7	9.1	8.	.2 K 0.	8	. 16	25 31	8 1 13	143	120	1 56	100	66
182 48 42 - 553	204 MC- An beforsite (1)	CD	2	8	92	9	-3 -3 -3	2.5	57	. 6	8	2	22	7	3	5200	2580	344 8	6,4
102 H 30 - 101	204 MC- An Detorsite (1)	XCD	2570	3920	1050	90.7	36.8	16.5	2	3.0	97	4	57	V 9	< 3	7400	2900	150 1	126
090 63 40 58	504 MOC - An Delorsite (1)	NCO.	*			9		9.6	2	. 3 2.	3	-	×	7 K 2	3	7100	4970	150 4	28
198 C	004 MOC 24 PACKAGE TO 100 AND	acon acon	2	2	200	7,1	*			20		29	35 202	0 (35	°	8420 1	4916	144 5	99
187 Ca 6 1 2 1 2	SOL MOC. In before to (1)	1000			200	0 .07		2.5	9	. 8	11	2.7	44 185	0 28	3	7970 1	1860	155	7
188 54 67 - 169	204 MOOL Courte	200	36		242	3.5	3		Transfer of the	2	7	2	61	2	Ġ	814C	4020	153 5	32
189 Ga 70 -818	204 NOC- Syenite (undifferentiated)	No.	100	906	350	3	, ,	200	2	2		01	200	8	2	-	4860		=
188- 17 at 191	204 MOC- South	2	*		200		2				5	n	7	19	949	1820	869	5 021	8
	204 MgC- Sovite	S S	179	353	365	100	1	~ ~	9	-	22	7,4	2 0	7	201	1430	0862	2	33
-1063	278 Numaqua Metamorphic Complex	Ngn	36	89	24 <	- i	9.0	-	. 5	9.0	6	200	75	1	750	340	22.0	044	0
-913	278 MQC- Sovite	S	78	309	103	3.0	2	9.0	0	0 1 9	1 47	2	5	97	242	783	3410	1	22
2	278 MCC Syenice (undifferentiated)	ns,	7	2	9 9	≃ ei	5.	6.9	8	3 K 0.	5 1 2	æ	30	5 16	455	593	341	561 2	5
F 10 10 10 10 10 10 10 10 10 10 10 10 10	210 MUL 200116			102			*	3			5 1 42	00	- T	7	365	1340	3150	800 1 2	3
197 H 70 -919	278 BDC - 204149	2 2	700	200	90	,	٠,	7 6	4	**	25	4	7	2	2	370	2730	580	2
7,7	510 PKC 0041 C	853	3	702	38	9.7	4.0	3.6	9	Э	36	9.4	18 35	20	1 261	861	2170 6	390	26

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (4)

	£8	4 99	77.6	3 25	1.39	52	5	3	3	5	2	0.77	2.55	2.89	- 73	2	0.59	28	2.80	. 85	2 5	-	- 70	1.95	2 24	2. 0		7	\$:		2 2		96	1.04	20.2	2.44	3.4	2.28	2.23	3	2 67	- 65	2. 68		200		5	3, 03	3 22	2.19	3. 36	50.00	0 -	3.30	7	63 80 80 80 80 80 80 80 80 80 80 80 80 80	20.0	7 4	3
	(pgd)	1640	2.7R	1240	276	3420	120	277	1500	080	173	178	52.5	24.50	436	7800	780	790	3530	1620	2000	226	549	1900	37.10	3		2360	7870	2	200	, N	1990	170	27.8	920	22600	2490	1240	2,60	228	490	525	2	303	8.40	1390	1880	7400	1 007 7	181	8820	205	34	237	55	25	108	8400
		121	368	383	43	9160	190	1	3080	587	27.1	82	416	3730	130	137	5030	508	3700	424	0261	1	_	6210 1	3930	597	1	200	1000	177	7075	1-12-	4410	1 0199	136	289	4380	4810	2550	010	1420	582	915	1000	25.0	4250	269	340	1570	2320 12	680	790	30	224	969	518	1001	332 -	11 0017
	(add)	1580	23	1330	352	3960	0001	205	1610	1620	232	329	1230	5080	243	1980	856	1030	2600	00	48	- 87	376	4020	5140	260		100	200	3 5	07.6	283	2380	5140	953	88	898	0999	5420	1740	653	13.10	1340	77.8	210	5240	1450	7850	55.40	5900	6230	0000	585	869	430	1580	030	1861	6190
	(ppm) (788	87	133	-		0.0	1	236	140	31	81	189	7	5	767	80	Ξ	7	202	2	9	100	5	5	201	1	7	200	109	3	-	72	60	182	223	7	2	73	200	123	159	4 22	280	71		2.5	6	3	-		200	122	158	53	512	***	270	~
	(2000)	15	2	2	-	73 2	2	-	.5	2	2	_	C2	7	7	3,6	2	2	-1	200	-		7	54	7	,		7	6	70	10		. 4	2 K	2	7	9	× .	2	-	7	S	27:		3 16	2	2	2	2 <	7	200	2 -	- 64	3	2	15	3 6	-	ř
ר י	(pgg)	398	- - - - -	52	754	× 6	620	200	113	¥	24 K	2, 7	3.	37 K	, ,	382	28 K	× 99	× -	7 60	3	53 ×	¥	520	2 0	-	200	100	80	2 2	, y 08.	240	278	¥0.7	27 K	y 86	800	7 7	7 5	776	83	409	736	810	50	145 ×	×	770 ×	350 ≺	y S	2	2 7 7 V	× 65	58	> 2	955 1	73.5	× 89	280
î	(904)	01	-	4	-	-)	-	10	-	87	2	-	-	1	, c	9	7	-	20	294	9	-	48	*	3			, -	,	200	2	2	2	2	5	8	-	-	2 1		1.1	1	30	6	-	2	2	33	2	× °	36	16	25	57 6	5 2	365	 	7,
	6) (#64)	- 1.7	~	2	42	:00	40		5	7	_	m,	-,	-	+		Ca.	**	<u> </u>	200	<u>_</u>	2	-	-	-	4	+	- 0	0 "	2 4	2 72	29	2	-	۳.	4	~	<u> </u>	-	38	900	29	2	010		L	-		2	-	+	-	-	9	2,	n o		H	-
		31	6	33	2		2 12	12	37	3	у 2			× 1	600	25	52	~	896	7,0	091	9	7	50	77 60	3/2	1	90	2 6	16	205	2	19	75	0		2	-	146	œ		20	777	37	23	95	35	10 k	46	25 K	7 °	45	20 1	90	+	15	1 23	9	48
	(ppd)	02	5	0	1		o u	2	5.		7	-	-		-		-2	23	4		5		-	5	1		-	ļ.	1	-	200	-	-	-5	6	29,	,		1	<u>.</u>	1	æ		u,	-5	 -	5	9	.3	٠,		0	ı.	0	53.	40	245		25
) (# (# (#	80	3	9 7	<u>ا</u> مر	- "	Ž	-	<u>د</u>	91	_		4	7	7	2 2	¥ 0	33	, ,	- 6	, o	2 2	2		na	94	-			30	10	-	9	8 < 0	2		•	2		2 × 2	4 10	5		2	9	0	7 1.0	2 0	5 4	Š,	- (°	3 5	7	5 10	2,4	7 0	2	7	4 4
	(204)	3 0.	3	7 0	, ,	,,,	0	0	8	9	3 ×	ان ح			* *		5	6	o (8	3	9	7	- Ju	* C	,		10			9	5 0	9	9	0	30	90	9	5	9	0.		5	9	80	3 0.	9	9	2			7 0	0	9	n a		0 0.	6
,	(bga)	3.	~;	2	1	~ ~		-	2	2	0			- -	, L	22.	3.	.		- -	44	0	0	-	, i	1	1	1	*	٦		C	\$	3		•	7 0		+	0	0		• •	. 6		40	3	- -	2	2	-		2	,	•	× 6	4	j	5
	(pgd)	17.			; -	2 4	3	6	17.	2	•	7	ci e	1	o la	36.	Ţ	si.	,i,	-	35	5	-	*	å c			٥	5=	3.6	o,	22	.:	œ'	4	1	-	10	900	7,	2	σ.	 -	*	:÷	6	22.	62	9	2	- 4	9	c	17.	∞; <u>-</u>		-	6	8
	3 6	0	Ľ			 - -		1.2	5.5		Y	× .	3	,	-	4	3	٠ ٠	Ĩ	ے د د	19	ે	-			1		1				0 V	9.0	80	-	- -	2			4.2	Ž	2		×	8	=		7	9.0	3		5	ô	2,4	- -	3	è	× 0.5	- -
	886	k 0, 1	4.4	20		3	Š	5			- 1 - 1	ەرە خ د	3		3 76				7	9	12.	9			7 7	į	3		ľ) -	2	ē	20.4	29.7	7		0 4	1	15.3	22. 6	V	5	֓֞֓֓֓֓֓֓֓֓֓֓֓֟֜֓֓֓֓֓֟֓֓֓֓֟֓֓֓֓֟] _	30.1	4.16	9.2		18.6		, w	6.2	 	6	- -	- P	23.4	- -	57.0
7.7	(pdd)	93	38	87	Ì	22	52	5.2	121	88	***	200	2		-	107	\$	* 6	Ť	-	384	20			3	100	100		ľ	38	93	2	0	24	70	926	, 60		88	17.8	°°	5	262	80	159	215	25	7	120		51-	88	24	8	250	2 65	=	2	130
į	(a)	73	=	SS .		8	23	213	335	8	77	7	200		302	918	55	7 7	2 0	55	657	ż	" :		2	-	27	276	2	128	259	2	316		2	200	10.0	*	250	909	7	6/2	108	25	131	560	139		230		269	234	73	277	940	25	328	8	902
	(adq)	43	47	7	200	72	33	129	7.6		12	1	6.3	3 5	182	217	155	2,0	9	58	529	33		200	86	6	-13	142	7	66	131	6	7.8	98	3	75.0	87	5	104	294	9	3	8	23	248	279	3	3	162		64	Ξ	33	2	2 6	57	66	48	623
	Rock	nsk	ngk.	VZ.	ļ	as a	188	Ngn	M3.0	2	ממו	2 2	N. N.	700	NCS.	, som	S.	N S N	2 2	Ngn	188	LXX.	2	0 P	u D	Kc52	4co2	KCS	ž.	uz _k	ЯСS	ns x	EC.	Ncs.	200	62.7	Nc52	22	Mc52	48.4	MSW	9	2	ASU.	¥C5	Ncs.	Kc52	20.5	Mcb2	2007	KCb2	MRD	ask	S.	0 % X	NSD .	MCS	NS II	Nc b2
ŀ							9							-																										ic syenite	syenite	DCGT IN	Syenite										Syenite	enite	01116	bearing)			
İ	Unst	ated)				tod)	Sychi		(pa)					-				ŀ														ted)					ļ.				2	2	Ľ	ed)									2	210 8%	(REE S	33		(gg)	
	ruphic	E1 100 13	COMPLEX	COMPLEX	7 1 2 2	ercntin	it ic	Complex	er en ra	COMP	Comb		o de o	Country				COBDIC	Complex	Complay	66		2000		Compley				Compley	Compley		erentio		100			Ĺ		9 MQC- An beforsite (2)	отрит	orphyri	12 MOC. Pornbyritic Ne syenite	orphyri	erentia			\downarrow			ļ		Complex	orphyri	orphyri	Svenite svenite	Syenite		Cropt to	7
	Líthostratigruphic	J; pun	rphic	or on c		und; ff	orphyr	rphic	11017	orphic or	or build		0	or this				210010	robic	robic	in te	int te	7 7 7 7	0) 44	rehic	ite (2	site (2		rphic	Namegue Metamorphic Compie		undiff	ĺ	27,400		6	site (2	11 te (2	ite (2	d or u	te o	2 2	th to p	undiff			3	2	212	96	ite (2	rphic	hite p		2 E	io Ne		Tipon	211
	Lítho	enite	Metan	NO CENSO		enite (ddish	Ketam	en te	Netand Notes	TO THE		Do for		v Te	vi te	vi Ce	* C L N B	Hetam	detand	CTO-81;	cro-gr		100	Metan	befor	before	vite	Actom	Metano	NI CE	enite	2	Vite		101	before	before	befor	C/18h	eyish-	Conver	ey i sh-	enite (vi te	vite	C. An belorsite	peror	DCTOP.	1	- An beforsite	Metano	evish-	- 121	Cobyri	rphyrit	vite	cnite	Detor
		50	ลตรดูบล	S C C C		9C- Sy	OC-Re	angana	S	amadina amadina	STORES OF STREET	010000	00.0	angona	oc-so	os - 201	20	O C	20000	anaqua	8	- 20	2	200	a Bacua	10C-	IQC - An	20	unagons	amaqua	rpc- So	S-201		200	200	-50	100- 73	10C- An	10C - An		ن د د		0C- Cr	30	S -S	-20				4	OC- An	200000	ပ် ပွဲ	3		OC - Po	OC - So	<u>ه</u>	5
4 60 1	χ (g γ (g	278	4.4	-929 414 Nobaque Motamorphic Complex		4 4	4	414		200		į	505	889	593	214 J 50 -571 594 MQC- Sovite	350	200	598	602	903			753	55	654	654 1	877	7.28	7.5	8	2	٦	20	F	22	720	122		7	ŏ	ର୍ବାଦ	∞	×.	~	ង	ele P	200	2 5	264	797	12	877		877	7 877 MQC Porphyritic Ne syenite	875	8(5)	200
Coord	×3	5	2	223	1	-329	78	\$2	997	200	9	ű	28	F1025	-726	=	37.6-		188	- 22	6	77-		. B.	E	- 9	-14	-8	F1173	F1024	875	-288	32	907-	100	- 83	- 100		0		790		-939	-394	= =	152	# 5	287	÷ 5	8		-1184	1134		286-	22 -927	-424	191	250
-	23	<u>.</u> ,		-	9	1	98	96 II	8	2 0	2 2	100	13 90	12	1 40	3	2 2	1	125	5 80	23 -	S .	10 70	12 80	12 8	13 82	06 v⊓	0 X	K 10	0 K 26	ĭŢ	٦,	'n	2 2	Ţ.	7~	×	K 82	8 50	24 84 1 -1134	Ke 12	244 K3 21 -942	Ka 22	K2 61	es S	2 2	84	7 PA	0 0	100	K2 90	01		7 6	212				
L	è	86	5.	2 0	ê	203	504	202	3	906	36	15		212	213	2	2 2	1	218	5	220	77	Ĺ	29.4	225	226	227	228 K	228	230	53	737	7	250	1	237	238	239	240 K		757	1	245	348	247	248	200	50	920	5	254	55	256	300	259	2092	261	797	707

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (5)

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (6)

			*****		25 65 11	VIII SIC. K	ROCK G	Ceecnemical		Variation of	•				
No. Sample X	Inate Lithostratigraphic Unit	Poot / La	<u> </u>	He	Eu	01 1 61	13	Sc / Y		}	, I-	-	1	,	
330 Na 50 -432		Code	(bdd)	(800)	(Bdd)	(pgg) (pgg)	(1000)	(mdd) (mdd)	(age)	(bbi)	(mdd) (mdd)	(B)	(PDB)	(2003)	2 E
331 Na 61 -387	1263 MQC An beforeign (a)	N S PC	138	50 4.	2 2	3.7.0.8	2 6 0	2 6	-	-					
332 Na 62 -336	1263 MQC- Greyish-white northyritic synaite	202	22	29 K 0	5.5.9	9 9 6 9	2	7.8	, a	٥٧	"		186	508 94	2.50
333 %a 70 1 - 303	1263 NGC- Greyish-white porphyritic svenige	A CA	90	34	2 1.3	2.4 2.0) * O	0.5	0	3 0	27	4 000	10500	171	5.78
634 Ma 71 -253	1269 Nama group	6 43	2 0	2.5	1, 4	3.6 2.0	1 0.3 ×	0.5 20	, 9		8	200	1 061	210	2.80
1	1254 Mank Sroup	Nsh 9	25.5	27.7		6.6	9	6.1 72	33	36	20 8	133	J.X.	306 398	95
T	1254 Mans group	Nah 25	350	119 19	0.01	2.0	0 0	1.8 202	38	611	22	3	3080	4:0	25.6
338 0 10 +1185	15. 1838 MOC. Grav. 58 - W. T.	Ngn 4/	8 560	98	2 9 2	200	200	227	7	60	34	27.9	1599	344 : 518	2
ļe	1338 MOC- Graviahaman to porphyritic	NSW.	7 59	25	0.0		1	130	5	25	56	156	3456	410 : 424	18 30
340 D 30 -908	337 MCC Grevish white porphyritio	#SE	147	13	4 1.6 1	6 .	1	200	7	5	925	354	1530	300 134	4.48
40	1320 MgC Grevish white northweite	No.	136	40 4.	8.1	1.4 2.2	9 0	76	o c	07	9 9	415	1770	210 1390	3.85
50 -57	1329 MgC- Greyish-white pornbyriting	,	20	6 2	1 k 0.5	7 0 3			+ %	70	7-17	328	1650	480 1950	4.76
343 0 60 -418	1320 ACC- Greyish-white porphyritic synnith	200		99	6.8	.0 115.0	0,3	507	-		2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		535	460 44	
0 61	1320 Managun Metamorphic Constex	100	9 4	5	9	8.0.8		1,5	196		200	,	837	338 490	0.83
- 38	1335 MQC- An beforsite (2)	0477	*	٥ ۲	1 K 0.5 49	1.5 2.0		1	1	2	200		0)	148 30	0.43
7028	1385 Wanaqua Metamorphic Complex	3 6 2	5		, 5	. 8	0,3	6 6		,	2 40	7,00	200	133	3
34 0 80 -129	1885 Managua Metamotphic Complex		27	02 00	8. 4	8.8		2	36		900	2	02(12	516 1 380	1. 29
0	1487 MQC- Greyish-white porphyritic symmit-		36			1.7	4 0	9			*	,	4 3	354 18240	9
349 7 20 -1061	1486 MQC Greyish white porphyritic svenital	200	7		9.6	3 0.7	9.2 K	9	, ,	0.1	, 00	200	5	222	- C
350 7 40 -735	1476 Namagua Metamorphic Complex	1	2 .	9	2.1	8	2	100	-	1		20,	000	225	2.42
35 P 60 -439	1477 Namagua Ketamprohic Compley	X	9	4.6	5 1.7 1.2	.4	7.0	7 7		76				540 1080	2.08
낔	1478 Namaqua Metamorphic Complex	200	42	0 > 2	9.6	7.1	0.3		1	20	2 0	3,1	500	434 330	4,4
9	-698 Manaqua Metamorphic Complex		7	2	9.6	.0.	0 3	-		200		424	672	286 688	2.30
354 T 114 - 369	311 MCC Syonite (undifferentiated)		227		9	2.9	6.4	0.	1	2	200	× 1	166	123 465	~
2	548 Namagua Betanorphic Complex	70	200	0	0.5	8 0 8	0 3	8	-		1	2	628	212 258	0.29
, i	521 MQC- Sovite	100	2		8 0	. 2	0.8	25	-	7		157	254	295 334	3
	-605 MQC Carbonatite dyke	200	1000	78 87	13.1	5.3			-	o o	-		3 (2	583	
	-458 MQC - Sovite	76	3	3230 362.	5.0	3 2 2	51 9 1	207	-	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		31.20	7770	0,72
359 ff 4A 1 -588	-180 MQC- An before te (1)	7	315	19	-	4.8	0	2 20	,		200	2	37/00 12	900 1 519	8.19
	-92 MOC- An beforeite 71	200	88	43 7.6	2.2	8	-	-		*	1	458	580	390 200	2.33
361 T 6A -786	836 Namagua Metamorphia Complex		5	5.2	0.5	 			-	3,			73.40	310 1 215	3,50
362 ff 7A -1045	964 MOC- POTDE VILLE BO PRESENTATION	VEV.	46	41: 6.9	3	,				73 (. J	~ ~	6140 5	70 156	2.78
362 T 8A - 1017 !	8A F1017 973 NOC- Carbonatite Ache	92 ds	482	230 33.4	6	,	200		7	2	2	494	1616	069 199	7.67
364 F 9A - 694	960 MCC Sovite	100	2,30	1810 186.0	29.4	2 10.0		301	- -	200	, , ,	2	1290 1	196 567	0.50
	Kf010 Sres	AC.5	274	137 20.3	'n	3 6		2		2	,	5	2800 120	000 4830	4.72
365 0 10 -398	-780 Dagara Secuences							,	1	15	4 K	708	1260 5	40 80	0.85
	757 Deport Council	7	7	8 0	Y 1 2 Y	0	,								1
	Off Design		18							0	6 K 2	61	270 3 25	190 RSA	-
1	150 Dankia Scouence	ika (1	× ×		3	7 7	0	5	25	2 K 2	13	428 90	5.0	
000	To Damaran Grant told	9	66				2	8 22	3	=	<u> </u> <u> </u>	1		96 100	
Ţ	(3! UN-Folcanic Breccis	Vb 903	100	V 00 00		5	0		3	× 82	2 14		36	027	
00 00 00 00	-746 Damara Sequence		100	100	9 0	0	0.4 × 0	52	79	870	2		200	20	0.48
_ 1	-769 Dagaran Granitord		1		9 9	5	0.3	-51	1	3 2 2	,		37.6	4090	3
- 1	751 DD-Volcanic Breccia	3		81 18.0	6.6.24	0 4.2	5 0	100		1	90	9	050	64 660	3.98
- 1	-610 Damara Sequence		4	29.0	8.2 24.	0 2.2	0 A	100		1000		,	877	72 3490	6.44
374 R 20 : -300	-607 Danara Sequence	2	2	9	3	9 -	0	200	1	603	,	32	6300	30 5450	6.28
1	-605 Dangers Scott and	2	28	1.1	0.5			9	-		2 2	7	1300 2	40 280	0.80
376 8 40 -100	-603 Dangen Granicale	20	13	5 0.3	0.5	0 0		25		?	2 2	1,1	434 24	90 710	7
ì	Co. Samaras Cram to the	Cp 21	47	17 ; 2.2		0				-	2 ×		286 14	40 440	99
[Contract Con	Sp : 61	110	35 4.3	α -		7 .			25	8 K	1 52	171 1 3	39 720	a a
379 R 76 168	See Age of Control of	30	63	23 4.0	a C		200	7	7	9	3 (53	242	187	3,40
	SO THE CONTROL OF THE	Ka 24	68	16 1				5	2	22	2 > 6	24	2.7	22 25	0
000	an purio canto arecera	182 94	501	172 07 0			7	18	-	£	4 K	12	404 96	020	200
C C C C C C C C C C C C C C C C C C C	DO PRESENTAL GRANTEDIO	Co 208	33,			+ 7 7 7 7	0.8	3 23	8	107	- 2 2 9	2		2000	
Ï	300 Panera Sequence	No.					0.4	8	~	64.1	, , , , , , , , , , , , , , , , , , ,	200	000	200	2
301 - 25 By COC	539 Pagara Sequence				200	2. 1.1	0.4	7		0			1000	02.1	4. 23
9	530 Danara Sequence		*	3	7 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0	0 0.5	0.1	5		,	1	70	27 575	133	
-50	527 DB-Volcanic Breneis	20	2	20	3.0 10.	0 2.2	7 7	27	6		7		190 31	20 1 450	0.50
0	-526 DD-Volcanic Brecein		2		2.6 24.	0.7	9	200		,		2	1816 16	70 1730	2.27
387 84 55 51	524 DD-Yolcanic Brace a	78.		112 20.0	6.0 23	2.5	9	3,	7,	7	7	83	4340 1 6	32 1350	6.29
388 Ra 60 100 -	523 DD-10 Panio Breeze	98	155	47 2.	2 8 3					9	ر د د	58 4	4430 10	30 5630	5.3
389 Rt 65 150 -	S22 Doming Connecting	, p	320	102 6.0	5. 7 99			-		52	2	101	1610 1 5,	14 1440	7 8.7
390 8 0 398	definition of the second of th	9	6		6 5 0	100	000	60	4	91	2	80	3470 11	3100	
39: 8	And has the Control of	Cb 57	101	30 4.6	150			2		×	2 2	7	424 35	0.00	,
392 S 20 -288 -	457 Oh Volumes Barrier	K.	. 5		K 0.5 7	200	7.0	7	او	27	2 2	9.0	208 20	410	
į,	456 Dansin Con	Vb 926	1200	255 37.0	100		5 0			7	2 × 2	6	115 29	0.80	
8	2000 Sept 559 661-	Ha.	21	8 2.0	8 0		* - ·			9	2	60 10	1300 408	3760	4 37
	too parata deguence	9 NA	9	7 0.1	0.5	*	10.0	1 7 7			2 1	-	690 138	210	9
						7,57	-	4	_	٠:	,	0	15.0		

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (7

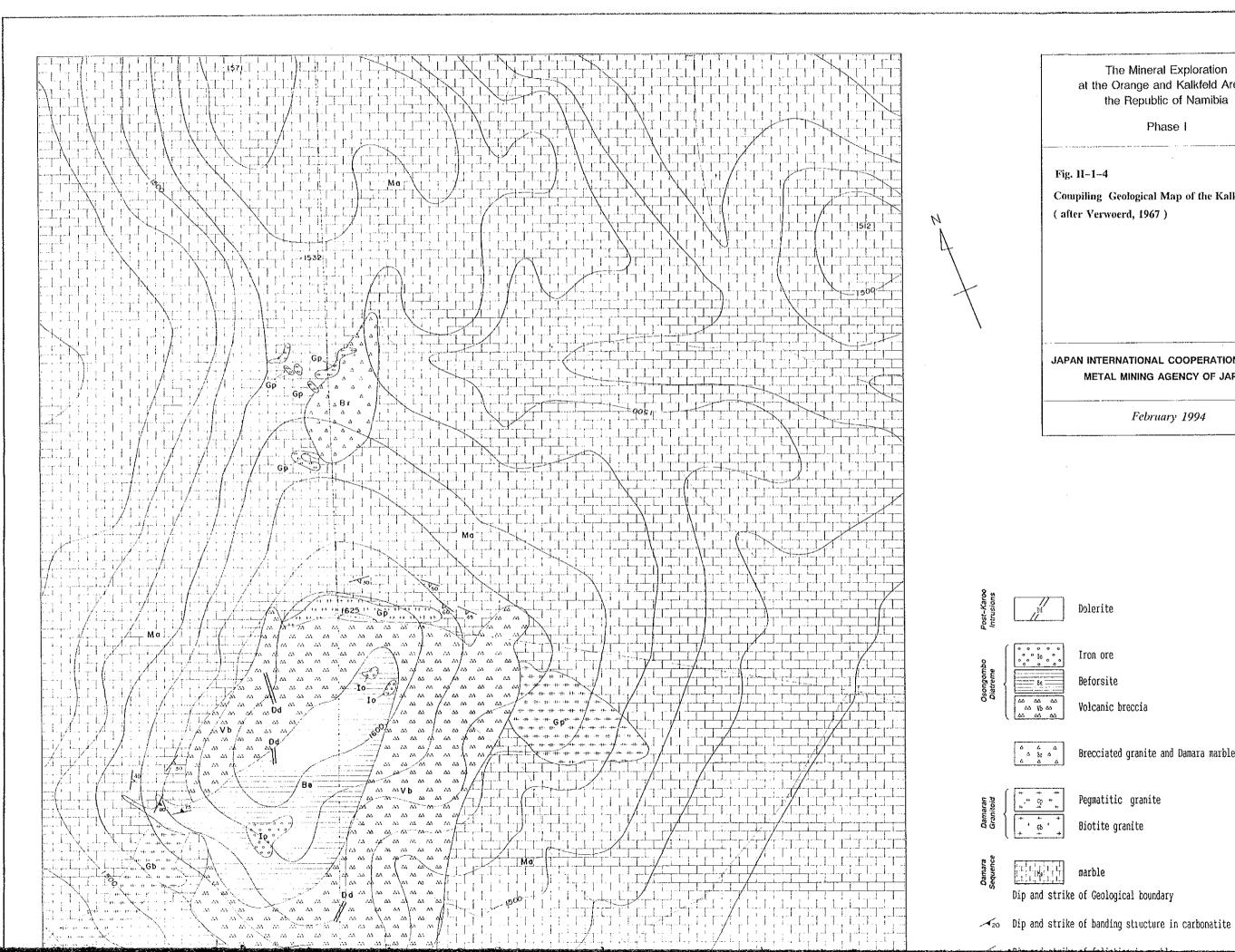
7 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	TO CETALON	֝֟֝֟֝֝֟֝֝֟֝֝֟֝֝֟֝֓֓֓֟֝֓֓֓֟֝֓֓֟֝֓֓֓֟֝֓֓	KCISSICAL.	ARAIVSIS		of Whole Rock	Č	٥	Sporthoning!	5		(t)					
No. Sample X Y Lichostratigraphic	llait	רק רק	3	Nd SE		100	, 42		NAC. INC.	20.	S A	~					
35 - 150 - 449 65 But 6		Code		(bbw)		(mod)	(ppm) (d	(ppm) (ppm)	(mod) (m	(pdd) (pdd)		(pps) (2a)	72 (600)	o g	Sr	- a,	ů,
396 S 40 -100 -438 DD-Volcapic Same	200	92	0.91	382 63	0 11 0	U 97	-0-0					•		Option () (index)	(ada)	3
7	A	67	3,89	32 K	4.0	0.00	6	200	5		390	154	0 K	19000	10801	031	9
S	2	57	8	32 ≅ €	2.2	27.0		2 2 2	000		125 X	2	22 % 3	14500	25.25	200	
2	^	1		38	8 7	35.0	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	100	1	7	22	3 64	870	97.9	6610	
450 P vol. 103 -448 OD-Volcanic Breccia				38	2 7	16.0	9.8	0.4	8		1	1	98	3920	769 1	2340	333
3 5	10		3 3	y .	3 0	21.0	1,5	0.6	9		3	6 6	200	6170	1000	17.0	
-t-	g				2	× ·	8,	0.1	2 25	-		, ,	200	0657	28.6	906	42
404 S 90 407 -44 Present Concentra	Ha	_	1	,,,,			51	0.4	2 21	2	2.	0	3,5	1	0000		20
2	2		39	20 5	2	0 r	9,0	2, 2,	6) 9	2 26	787	0.55		23
406 St. 15 -342 -383 framavn Courange	2	35	920	130 28		30		0.0	1 26	-	36	8	2	000	7000	0.0	6
407 Sa 20 - 300 - 329 hamaran Calabatic	7	Ξ	6				1	0.3	7 26	3	242	21 K	26	1000	200		2
408 Sa 25 -250 -381 hamaran Canatan	95	30	100		· ·	4 4	0	3.3	3 20	-	Ē	3.15	6 6 6	190	0.00	2	6
409 Sa 30 -200 -380 Dh-Voltanit Bross	ĕ	9	105	28	0		06	200	2	5	2	<u>_</u>	12	1300	200		8
410 Sa 35 1-150 1-379 DB-Velosio Bresses	ρΛ	318	615	124	o u	1000			8	-2	02	31.5	2	100	7		3
411 Sa 40 -100 -377 0b Referent	A.A.	22	379	142 29	0	0 00	2	1.7	27	-	5.4	-	15	10000	0000	7	
412 St 45 -50 -976 Dh-Reforest	30	24	514	217 19	, ,	200	6	4	5	2	63	24	68	0001	7007	2	2
413 Sa 50 0 -975 hh-Be-6-15	I.	797	1750	570 101	0 40	700	0	2 3 ¥	2	2	223 (2 2	2 1	20000		7	3
414 Ba 55 50 -374 DD-R-Foreita	88	626	1 955 1	26 45	0		6.3	y X	5 52	4	975	7		2002	1000	700	2
415 Ba 60 102 -373 DD-Reforeira	86	25.9	447	24 15	5		2		4	-	352	1	3	10000		が 一次 に	2
416 Sa 65 152 1-972 DD-Volcenic Bross:	Bio	923	1280	252 30	9	9	70	اخا.			91		37	6050	01.00	200	9
417 Sa 70 202 -371 Damen Sampage	Λρ	302	526	169 22	0		0	ń.	01	20	132	117	×	14200	1000		7
418 [40A - 75 - 317 DD-170n Ore	E)	25	95	35 5.	0	1		*	9	ç	97	245 K	2 36	7750 1	8		
419 T 214 220 -685 DD-Volcanic breceiu			137	91 K	3	71.0	0.6	3	2	2	28	50 k	2 23	3540	1 0651	20.7	2 8
420 F 22A - 115 - 357 DD- ron ore		200	82	478 64.	9 12.6	7.5	200	3		?	, 53 ,	2	2 K 3	36300	Ŀ		S
		888	1540	1200 300.	0 70.2	29.3	5 7	\ -		-	88	¥	176	7520	1000		e E
422 1 10 1 -400 -309 Damera Scquence		3	750	631 140.	0 17.3	6.3	4.2	-	0	7	0977	Š	5	37000	442	559 91	6
23 1 15 -550 -308 Damara Sequence			,	9	8 K 0.5	- 3	8 0	-	3	7 0	5/7	ý.	S ×	1 00001	1/00	108	E
27 20 -300 -307 Damara Sequence					2	2.	× 0	-	Ţ	*	2	×	2 K 3	405	1116	0 . 565	
Т	200	200	125	86 10.	0 0 3	 	3.4	2		1	87	*	9	377	1230	9	14
68 2 30 -304 DD-Sefersite		50	200	627 135.	0 -40.0	36.0	0	,	1	1	3,5	7	*	4880	1780 2	30	Į,
52 4 35 -150 -308 DD-Refors te		*		376 42	8.5	27.0	2.2	~	7	•	2	1,50	·~	14400 2	2950 37	300 > 8	2
26 4 40 -100 -302 DD-Beforsite	800	700	Z	2	9	12.0	2.5		200	-	= 6	123	33	22700	1240	80	19
43 - 73 - 301 OD-Volcanic Breccia	1 A	770	720	158 24	0 6.7	18.0	0.8				3		9	3220	1,460	50 2	9
SU BU 0 -300 DD-Reforsite	9	0000		27	5.2	20.0	0:	¥	-	-	2	97	-	7.080	2530	8 017	9
3 55 42 -299 OD-Beforsite	30	607	428	157 22	5.4	20.0	9 0			-	20	210	55	9009	300		F
35 1 by 100 -297 CD-Volcanic Breceis	16		100	83	3.0	. e. o	0 6 0			-	813	7	, 25	7640	430	48	28
82 1 93 150 -286 DD-Volcanic Breccia	10	900	600	26.35	7.5	14.0	0.9		0.1	-	p 0 0	1 707	5	7920	879	9 - 0	92
Secuence			2/3		5 2.7	20.0	8 0	-		-	300	7	32	5570	170	70 5	Ę
Se r 60 300 -293 Damara Sequence				94	4.4	8.	4.8 0	.7 2.1	XR		3	9	52	4460	739	42 8.	6
30	G	100	30		00°	2,5	1.0	2	-		3	× 50	6	2390	430 5	2	- -
449 h. oc 300 -288 Damara Sequence		200	200	7		5.3	0 0	2 2.7		 		1	,	906	906	2 0	23
20 rs 20 -250 Danura Sequence	C.X		•	2,0		7.4	1, 9	.3	ľ	0	21.5	2 0 0 0	47	318	167	20 2	
70.0	4,4	67.6	1	0	0.5	1.2	6.8	0	-	1	,	7 1	7	3710 4	910	90	ļ
(X)	1	200		- 27	8,	16.0	2.9	5.5	100	7	7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	, ,	418	862 8	78 0	-
	5	3 -	200			22.0	1.6	5 7 9	,	3	- 00	9/ 16	187	3260 3	50 56	80	Ţ
732 13 13 -30 -226 DD-Beforsite	2 2	- 000	86	210 27. (2 3	21.0	8	2		-	65	76	 	5986	190	70 8.	5
ľ	i.				9	46.0	2.5	2 2 2.1	100		2000	3	35	5780 2	360 10	80 8	7
7		3 5	600	219 37.	1	23.0	1.7	9	4	, .	777	52 20	- -	24800 2	770 116	90	Ę
00 4		3 4	700	124	7.0	21.0	1.5	9	100	1		200	2	7020 3	350 66	200	19
<u>ر</u> وا	4%	000	200	185	4.9	20.0	. 3	8 2 8	3 6		0	9	15	38.0 2	710 48	7.0	
202			433	165 27.0	7.0	4.0		7	2		300	37	33	8870	150 28	200	
100	35	1	3	189 5 69.0	5.9	17.0	0 0	5 4.3	-	-	600	200	69	6310	400 15	3	0.
000	9	-	10			9.	1, 7	-	1	-	4	0,0	95	5340	882 3	7	
A 93 330 -2 / Damaran Granitoid	3	-	Š	8	2.4	2.0	0	63			-	2 6	8	180 17	200 1 5	6	
o a so soo 125 Banara Sequence	E .	-				2	. 6 0.	2.5	-	6	1	*****	22	1120	435 14	3.1	· ·
	UM	632	870	37.6			0	0.5	¥		,	20		262	224 7	8 1.0	
	24			0.70	10.0	9.4	0 0	8 0.5	33	a a	-	7 7 7 9 6	27	113 18	830 2	0	<u>_</u>
	2.5	35	90	200	6 6	8	. 7 0	1 K 0.5	6			,		4540 42	210 1630	2.1	
	96	889	450	094 000	9	3 0	0	2 0.5	20	<u> </u>		7 6		790	9	5 0.5	J
ľ	Bc.	3502	6705	28.4		0 0	.9	5 5 5		12	12	9	***	1850	20 130	0 .0	
8 U 55 CO 110 DE BEIOFEITE	36	9011	20.43	741 175	0 00	200	4	0 5.2	65		85	4		91 0007	ő	ς; α	
3	Be	1762	29.19	010 010	0 00	33.0	2	8.	49	_	103	200	3	00000	70 1280	0 0	
460 3 65 50 50 50 DELOFSITE	Be	270				0.0	0	9 2 7	67	8	60	9	,	Ande	9	5 10.4	_
	9,6	6633	953	297 10 0		0.00	6	7 4.6	13	4	45 1 25	2			93		_
			\ XX 1	7.63. 1 190	17.71	70.07	2 0	6 1.7	20		200	200	62	3670	90	3 11.3	

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (8)

Coordinate				_	n3 -	9	19 1 51		, Y		qu		CH 2	Sr	L	ų,
No. Smaple X Y Lithostratigraphic Unit	Rock	(<u>pga</u>)	(bbd) (bba)	(bgd)	(ppg)	(apa)	(mdd) (mdd)	(100)	(ppg) (ppg)	(pou) (pu	(mdd)	(ppg) (ppg)	(000)	(000)	(200)	 8
461 1 70 200 -145 OD-Volcanic Breccia		204	11 11	18.0		15.0	2.3	5 2 9	67	- 4	46 . 1	200	77 7750	3030	9790	88
-	38	2.1	42	55.0	0 01	26.0		0 9.1	96	9	150		34 10400	015	8170	3
463 U 80 300 -143 Damaran Granitoid	d3	83	29	5.2	1.5	0.7	0	2 2 6	,	2	8 63 K	2	611 770	287	000	3.3
	ძე	-31	18	3, 5	9.1	6.2). R 0.	2 2 8	10	3	× 14 0	2	319 65	164	362	
465 U 90 400 :- 141 Damara Sequence	ž		16	9.2	0.3	5.0	.0	4 2 6	56	-3	7 15 K	2	16 918	.050	3350	7.
	ž.	5	8	-	ć 0.5	7	0	0	~		4	62	9 142	1530	126	9
ACT CA COLOR - COUNTY OF COLORS OF COLORS	2	275			,				2		× 1	2	12.23	27.30	2000	
400 04 00 -100 -10 DU-10104010 Brace:	4,2	077	0	9	3.5	7		000	200	7	100	70	0020	2330	0070	2
470 Es &S -150 D)-Volcasio Broosis		2000	30			1		3- -				46	0087	0047	1965	
471 Um 50 0 -75 00-Volcanic Brecein	r P	387	96	27.0	10 %	22.0	0.2	5.6	01	2	9 255 4	2	46 6000	1080	80	7.45
472 Ma 55 50 -74 CD-Volcanic Preceix	rb Fb	291	08	9	4.7	27.0	3.0	0 (9	60	7	1 498 K	2	0 16600	1260	1126	3.14
473 Un 60 100 -73 CD-Volcanic Breccin	λ	428	91 19	33,0	6.8	29.0	3.0	8 6.3	9	2 3	6 314 <	2	78 10400	3490	850	2
474 Un 65 150 -72 DD-Beforsite	- Re	321	96	13.0	4.6	23.0	2.0 i 0.	5 1.6	7	=	99 8	2	3 (12700	1280	470 4	5.52
1475 Da 70 / 200 i -70 DB-Volcarie Sreceiu	Q,	438	53 15	1 18.0	5.1	24.0	3.01	7 6.3	14	3 10	ו ו 190 ונ	2	72 : 6270	1400	710	7
476 Ua 75 250 -69 Damara Sequence	: Ka	213	22 10	7 21.0	6.3	11.0	6.0 0.0	6 2.2	9.8	5 11) 180 K	2	16 4200	2.70	3250	2.56
477 Ua 80 300 -68 Damara Sequence	× X	47	86 2	4, 2	or.	8. G	6.01 0.	5 3.8	2.1	-	007 0	- 2	12 1900	1300	0.09	2.64
478 W id -400 -9 Dumara Sequence	Ka	93	56 5	о В	C.	5.2	4.0	3 1 1.4	2	ده	9 41 1	2	7 1240	1540	810	3.5
479 V 20 -300 -7 Damara Sequence	, Ka	2	7	0.5	5 0 ×	9.0	\$.0 × 0.	x 0.5	0.5		2 × 2 ×	~ ~	3	2380	330	
480 7 36 -260 -5 Danara Sequence	e e	47	3	5.9	2.4	6.8	5.0 0.	4	34	~	3 63 ×	2	16 2070	2870	1570	. 53
481 V 35 : -1503 Damara Sequence	Q.	312	74 15	1 20.0	5.3	22.0	3.0	6 2.4	1.5		523	7	24 : 7170	1030	1820	. 3
- 1	- ۲۵ ۲۵	4 6	97 24	11.0	9.8	25.0 1:	2.0	7 0.3	Ξ	4 20	5 25 K	2	6 9 9070	1700	2920	7.15
45 -50	CD	-92	518	2.5	2.3	17.0 1	6.0	4 4	9	1	2 114 4	2	88 1 783	250	919	3
v 50	0.0	116	87 5	9 1 7.9	2.3	13.0 1	1.0	4 2.7	7	-	> 201 5	2	95 1 1780	325	150	2.1
55 50	9	8.9	01	7 1 2 8	9.	18.0 1	4.0.4	4 3.0	9:	1	0 151	2	24 1 453	177	260	21.5
100	- 05	259	17.4	2	4.5	28.0	0 9	7.	8	2	X 928 K	Ç.	61 12000	1846	2570	92
65 150	, Xa	265	=	7 1 16.0	6.7	0 6	0 5	7	35	-	7 75 7	2	51 5780	1680	1500	ŗ
488 V 70 200 5 Damara Sequence	l X2	978	36 52	3 87.0	18.6	30.0	0.0	8 K 0.5	28	35	2 S5 K	.¥.	3 16100	1630	240	5.55
L	128	-	ļ	2.3	5.0	-	y O Y	× -	7	_	2	, , ,	-	616	280	-
L	n m	6	50	7 . 1 1	ر ا	6 6	0 0 5	0 2	0	_	7	× 6	065	1070	350	6,9
L	T.	2	-	0.8	> 0. 5	25.0	4.0 K	1 × 0.5	9.6	-	2 2 2	2	3 167	716	U.X	
492 V 100 S00 Damara Sequence	V 1	۲.		ŀ	, v		×	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		-	<u> </u>	ļ	200	100	250	Ţ
10 .465	VII	-	34 10	2	25 0	,	4 O K	0		×	,	2 1	9	1870	486	[
494 at 20 -305 143 Damara Sequence		2	¥		2.5		0 1 0 3	5 0 7	<u> </u>		2 4	× ×	3.1	1800		
30 205	103	2	¥	9.0	, 0.5	0.7	5.0 1 0.5	2.0	9		1 2 6	7 ×	3 152	1410	620	25
40 -108	. Ka	12	1.1	0.7	× 0.5	0.6	4.0	1 0 0.5	9	_	2 · 3 ×	~	3 2 8	1740	330	
497 % 50 -5 149 Damara Sequence	e 2	186	271 8	20.0	6.3	4.00	5.0 0.0	5	55	62	10 62 K	27	3 2320	3310	3270	
26 29	E 38	10	22	8 2, 1	-1:1	4.5	7.0 ; 0.7	8.0	33	2	3 00 K	2 . 4	3 953	1 2070	130	98
70 205	77.20	2	3	1 0.2	20.5	2.0	4.0 %	. I K	ž	_	×	×.	3	065	220	0.07
500 F 80 295 156 Dumara Sequence	51 72	7	7 (. 3	S 0 >	0.4	S. 0	3.5 × 1.5	- 8	2	2 5 4	2 .	319	1610	390	0.24
150		1	Y	5 0.7	× 0.5	0.3	4.0 k 0.) K 0.5	2 K	×	1 K 2 K	2 K	3 52	1670	390	0.05
91	88	-	> 2		> 0 ×	5	4.0 K	3 0 5	<u> </u>	ž	1 K	2 K	3 45	1230	210	0.03
22	Ma K	1	3 <	5 0.4	k 0.5	9.0	4.0 K	3 × 0 5	У 2	¥) (2 K	348	1700	340	0.06
22	1 60	37	52 2	3 7.1	2.2	5.3	6.0	9.1 1.6	33	7	34 39 K	27	48.1 338	286	1750	7. 10
5	Na.	- [9]	220 1 5	1 . 1	2.3	9.1	5.0	4 2.2	2.2		10 34 K	2	20 4650	1540	380	32
ટ	u)	S	7 14	1.1	K 0.5	0.2 1 1	4.0 K 0	1 × 0.5	2	1	1 K 2 K	2 K	9 19	1620	250	60.0
Pa 60 95	N.	~	Š	.3	0, 7	1.0:1	5.0	1 0 9.5	11	- 2	3 K	2 k	3 259	1330	610	0.30
5	e d	-	× •	5 1 1.2	5 0	0.8	5.0 0	0.5	8		9 . 4	2 K	3 219	3250	350	8
509 K 30 -211 294 Danara Sequence	e z	S	<u>∽</u>	8 0 8	\$ 0 2	0.6	4.0 K	, k c 0.5	4 6		1.4 2 %	2 K	3 133	1270	280	0. 51
40 -111 297	#a	2	13	") "	.,	2.6	5.0	2 K 0.5	-	-	× 8	2 K	3 536	1200	460	0.55
45 -61 298	E N	432	546 13	7 24.0	6 9	10.0	4.0 0	4	42 1	2	23 75 €	cv.	7 2850	2700	1690	2, 27
50 -11 299	E) ,	2	36	3.1	1.4	8.4	6.0 1 0	4	24	_	7 45 K	7	9 3350	914	38	2.27
513 K 55 41 259 Danker Sequence	8	250	9 982	9	2	12.0	6.0	2.7	44	-		27	5 5040	2020	88	25
90 84 300	R.M.	7	,	5 0.8	,	0.2	4.0 % 0	. 0. 5	2 ×	-	1 K 2 K	2 ×	3 105	986	290	0.10
515 % 70 178 288 Danara Sequence	5	4			4		4.0	5.5			5	- X	3 329	957	310	0.26
	87	7	4		2		4.0 4	S .		-	- P	2	9,	1250	9	=
7) 5)	eg ,	-	¥		2	ر د .	4.0.4	\ \ \	-	_	7 7	× 62	1,45	1300	260	2.12
Vic. 5 100 476 XXV Damara Veguence	37	7	Y	- -	\ \ \	-		3	201	<u> </u>	× 2	~ .	3 269	583	200	
Old We At The State of the Stat		38	700			2	2.0			-	10 0	7 2	900	1120	200	
520 As 45 - 465 January Sequence] ;	7	3		- N		, n				7	7 7	2 250	200		0.41
200 N CC A1 270 Dames 200 CC CC		-					2 2				7 2	4	***		200	
100 fo to to 100 powers Consists	+	1000	031	5 6	0.00	2000	0	7	4	- 0	× 2	¥ 7	200	1980	9 6	86.68
COA Y 20 -010 Add Dayson Contracts	╀	1	6	ŀ	1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0 / 0	,	7	3 60	1,6	88617 89	3250	10025	7
40 -1 6		1	, a	2 0	2 0		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	,			3.6	2001	1200	+	9
-	18	707	76	,		ا م	200	3 2	- 80	-	7 7 7 7 1	4,6	831	2001	010	2 5
	Andrew Tr. Tr. Transference	-		-	,	1		X.X.	- X		1	3	24	20.1	4.13	7

A-4 Results of Chemical Analysis of Whole Rock Geochemical Survey (9)

	5.3	ì	0	9. 08	90 6	0.08
	P (pgg)	-	290	290	370	300
	15 (adg)	-	1220	1270	862	779
	ow (acq)	_	151	1.8	35	22
	22 (ppm) (4		8	6
_	Ta (ppm) (3		7	2	×	<u> </u>
_	dN (add)	-	ر دم	~	<u>.</u>	<u>با</u> .
ر د	(pps) (c		ار ا	_	-	- 6
CHIACO	(pgg)	1	_	<u>. </u> .	-	100
į		1	1			1
	(pdd)	,	1	94	1	
;	Se Capa	-	\ - -	3 - -	;; -	0
	(ppm)		ļ	 	je V	0
בייי ייייני איייני לייייני איייני	(ppm)	0		10		25.
	(3pm)	c			-	2,
;	ng (sod)	-	2	ě	J) }
•	Sag (mod)	Ĉ	9	- -	0.5	3.5
	P (Bdd)	×	×	2	2	20
	edd)		us.	7	S.F	2
	(mdd)	Y	î	2	2	
j	Rock Code	11.3	No.	E)	3	3
	Unit					
	graphic					
	Strati	5		3	2 4	200
	Lithe	200	3	Scone		0.00
				Dange	Dan	
1				744	0	
3	3×€°	70.	30	06	00	
-	No. Sag	200	V 96 P	530 K	31	
•		_	_	•	_	1



The Mineral Exploration at the Orange and Kalkfeld Areas, the Republic of Namibia

Phase I

Fig. 11-1-4

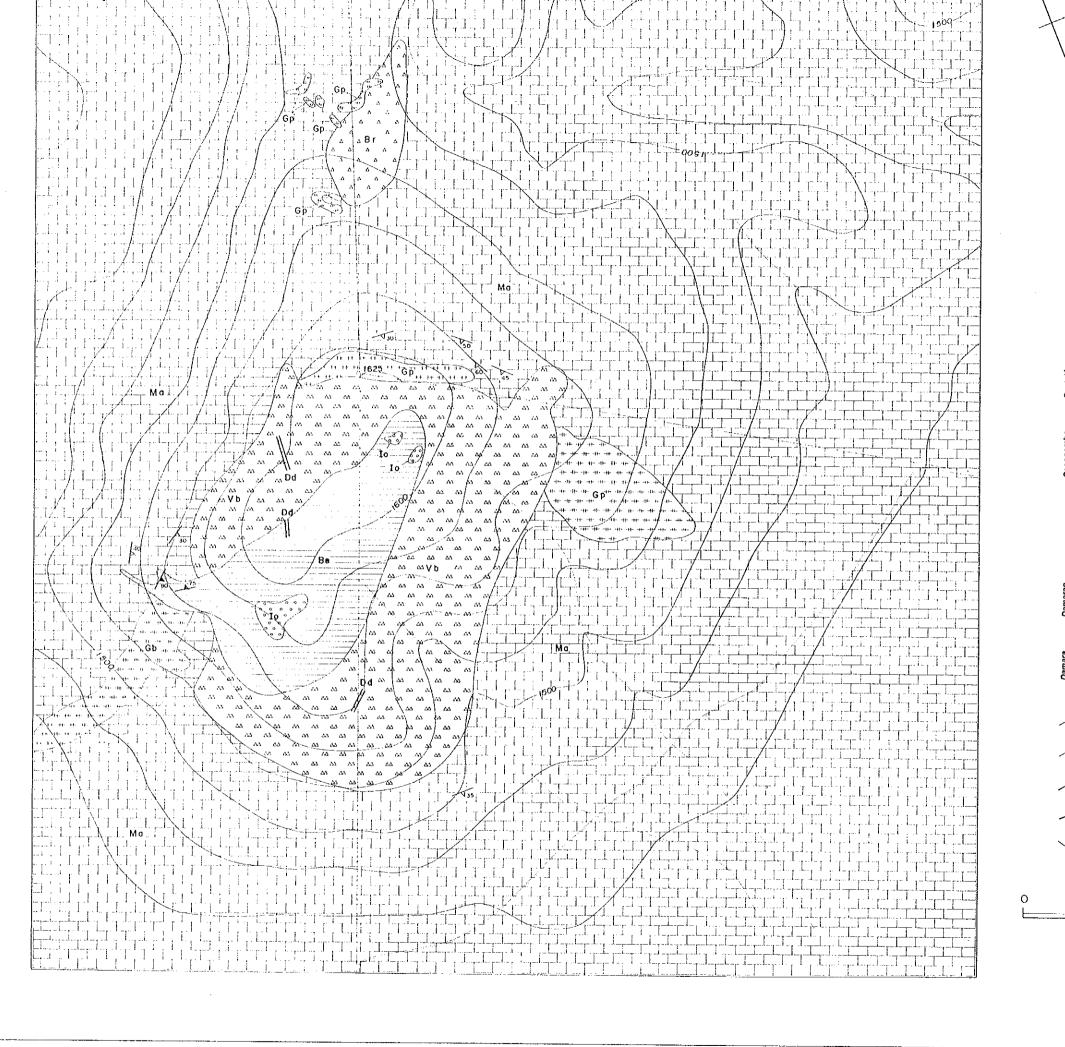
Compiling Geological Map of the Kalkfeld Area (after Verwoerd, 1967)

JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

February 1994

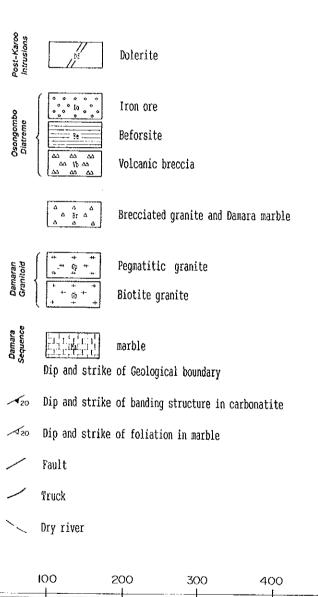
Dolerite Iron ore Beforsite Volcanic breccia Brecciated granite and Damara marble Pegmatitic granite Biotite granite

> marble Dip and strike of Geological boundary

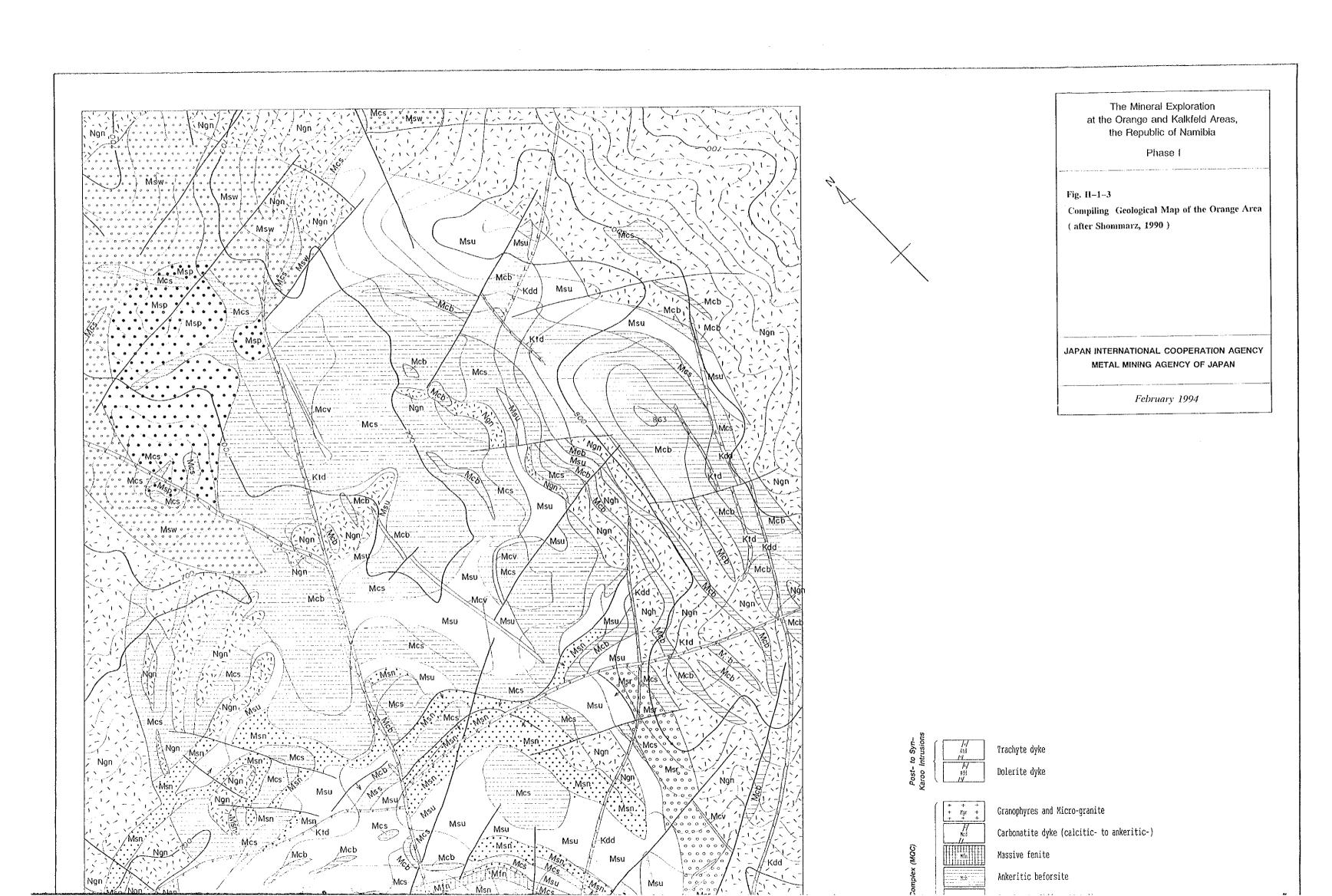


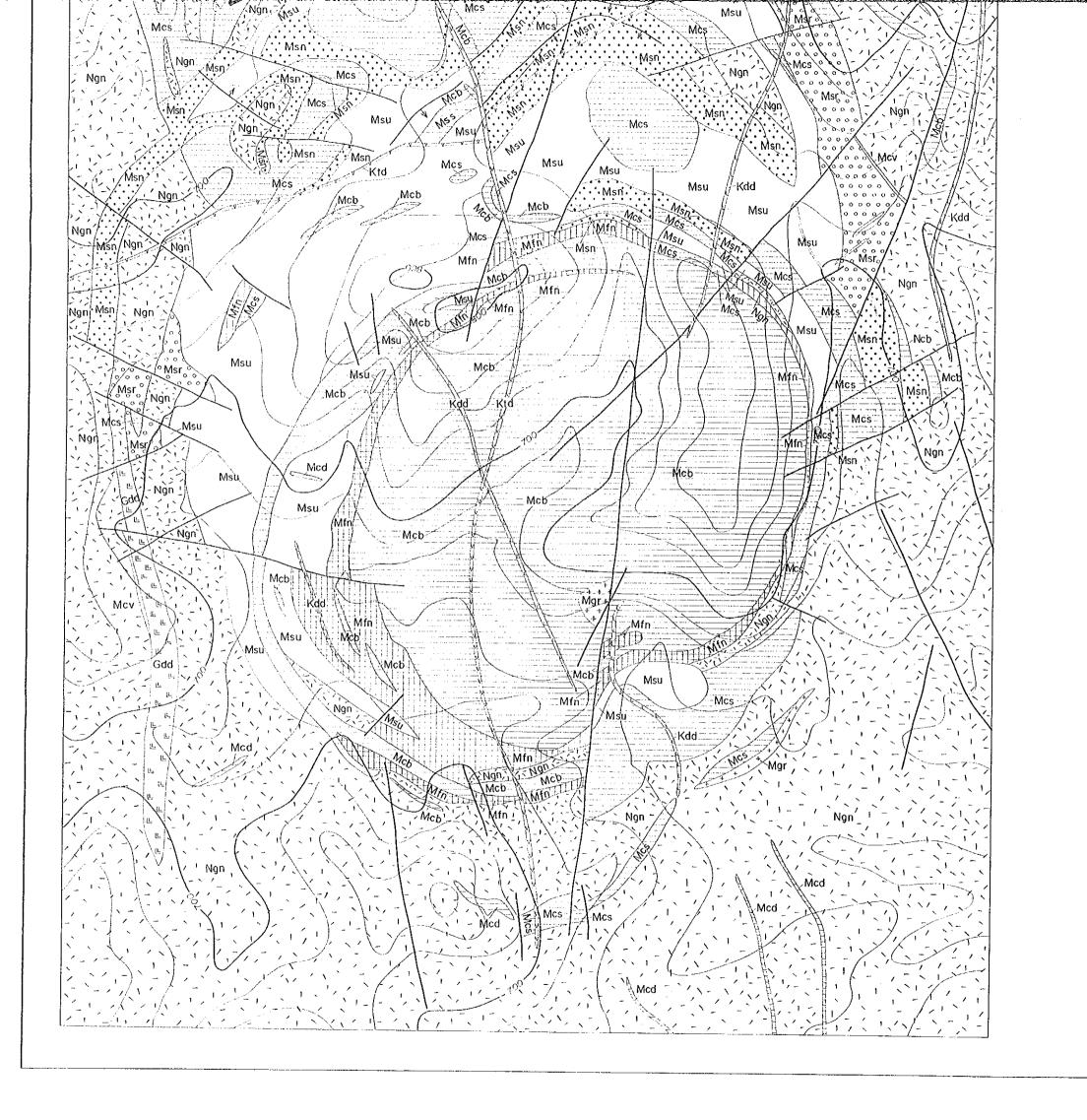
JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN

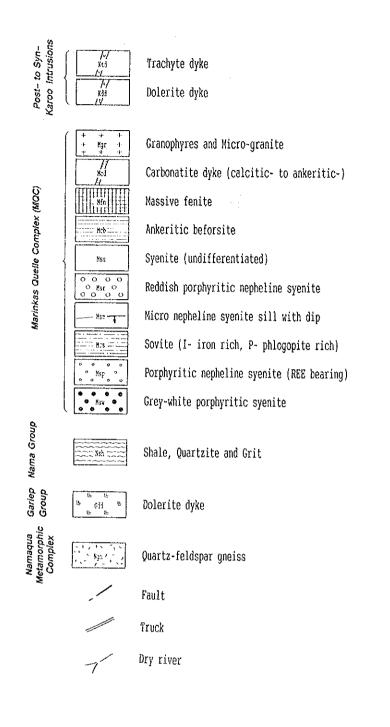
February 1994



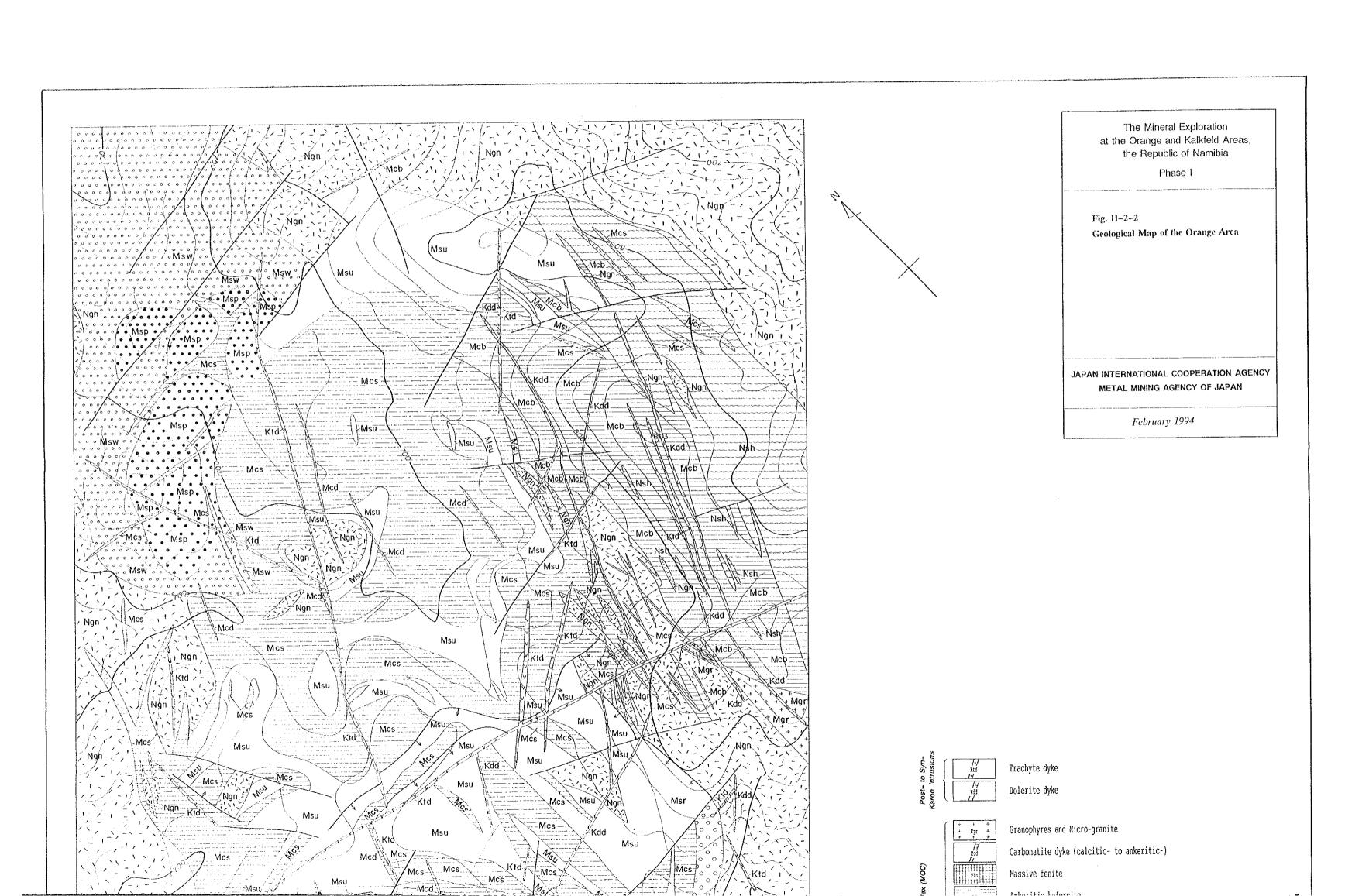
500 m

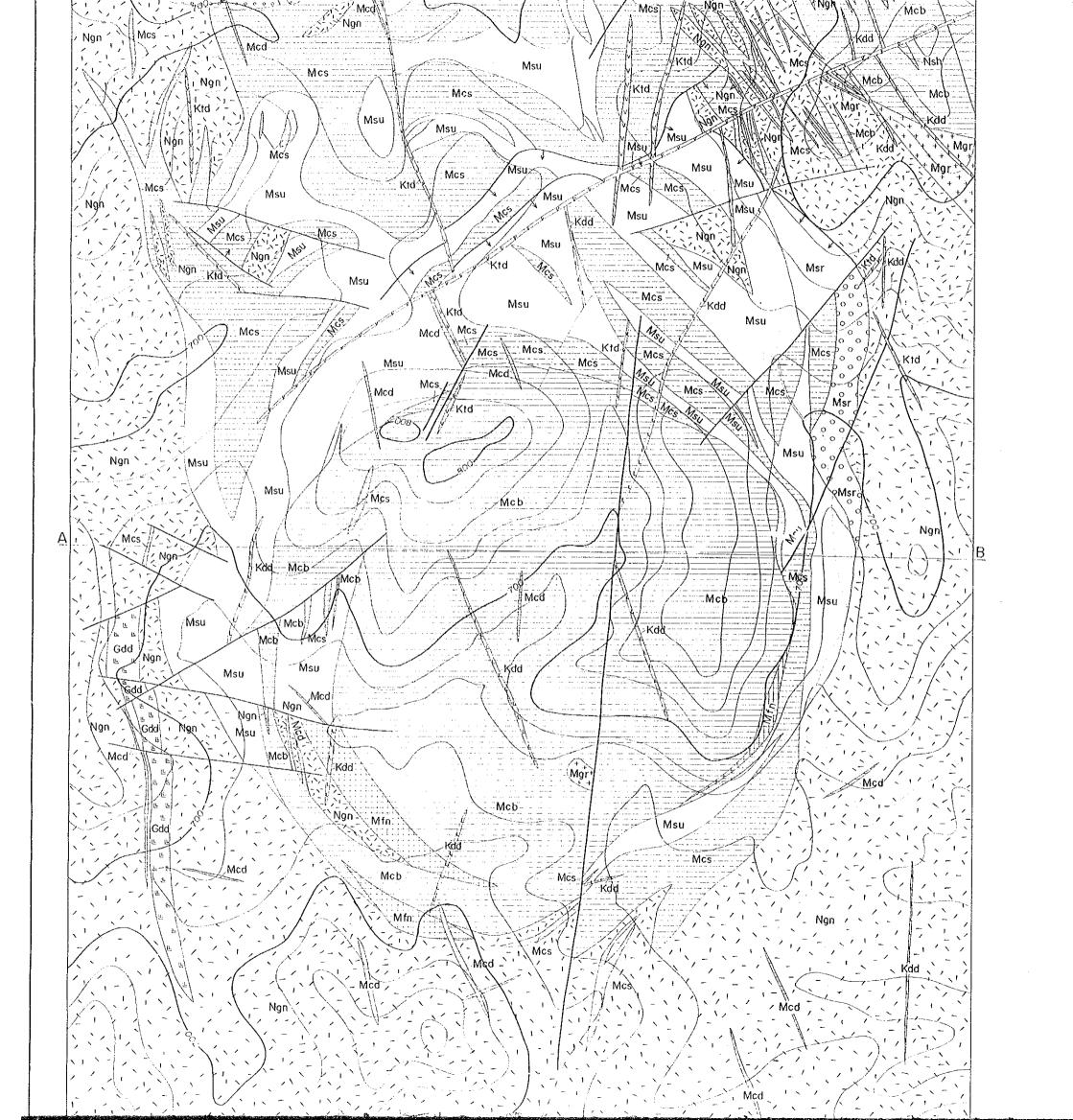


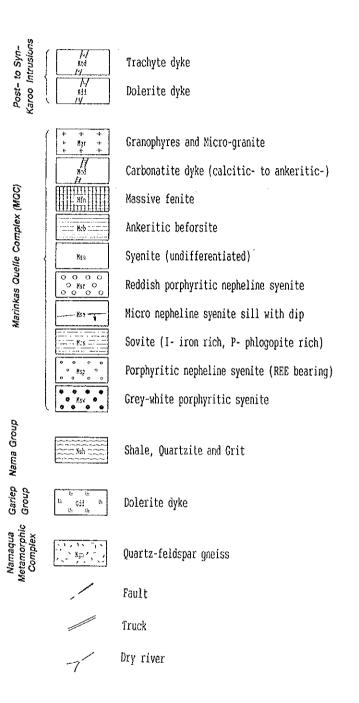




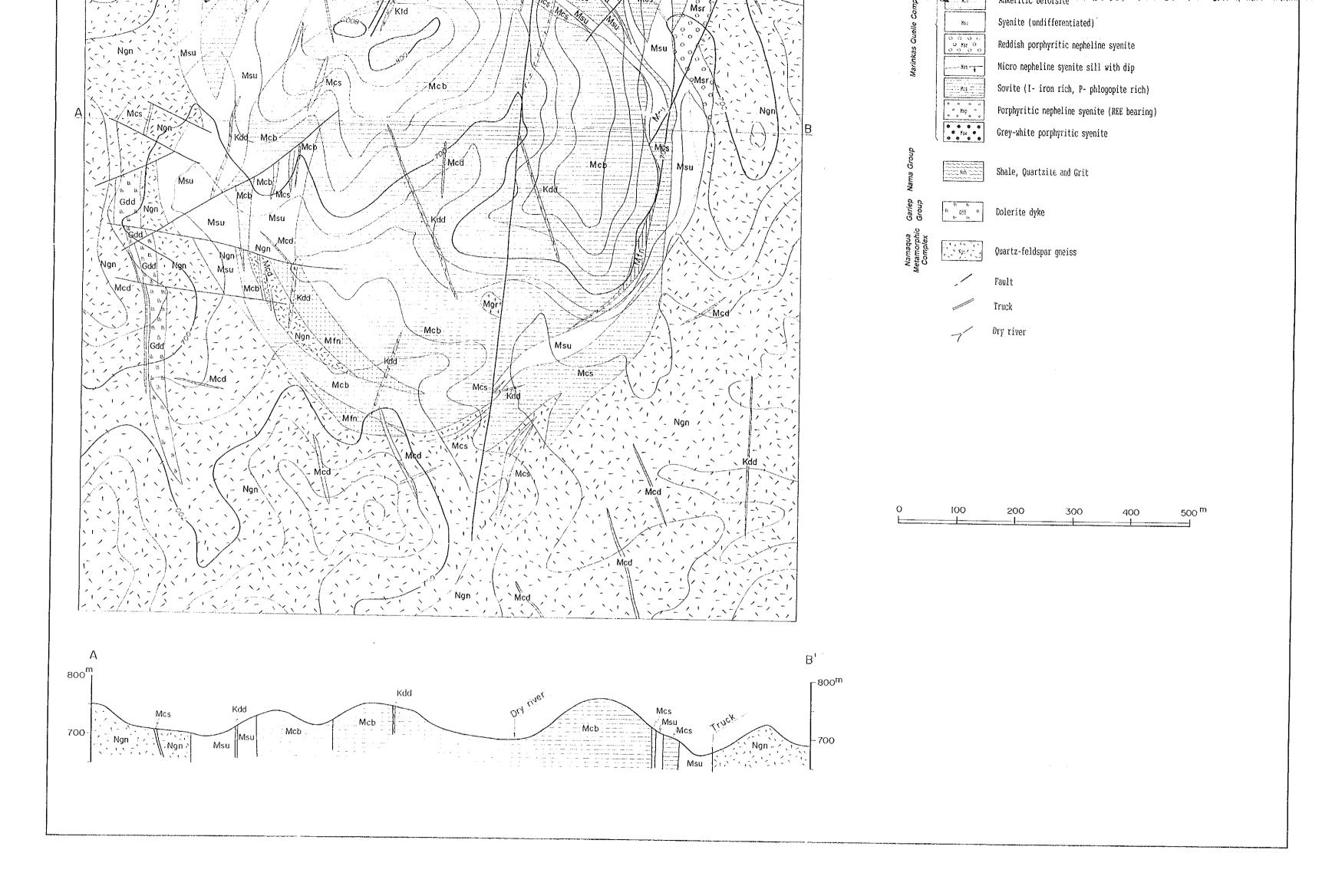


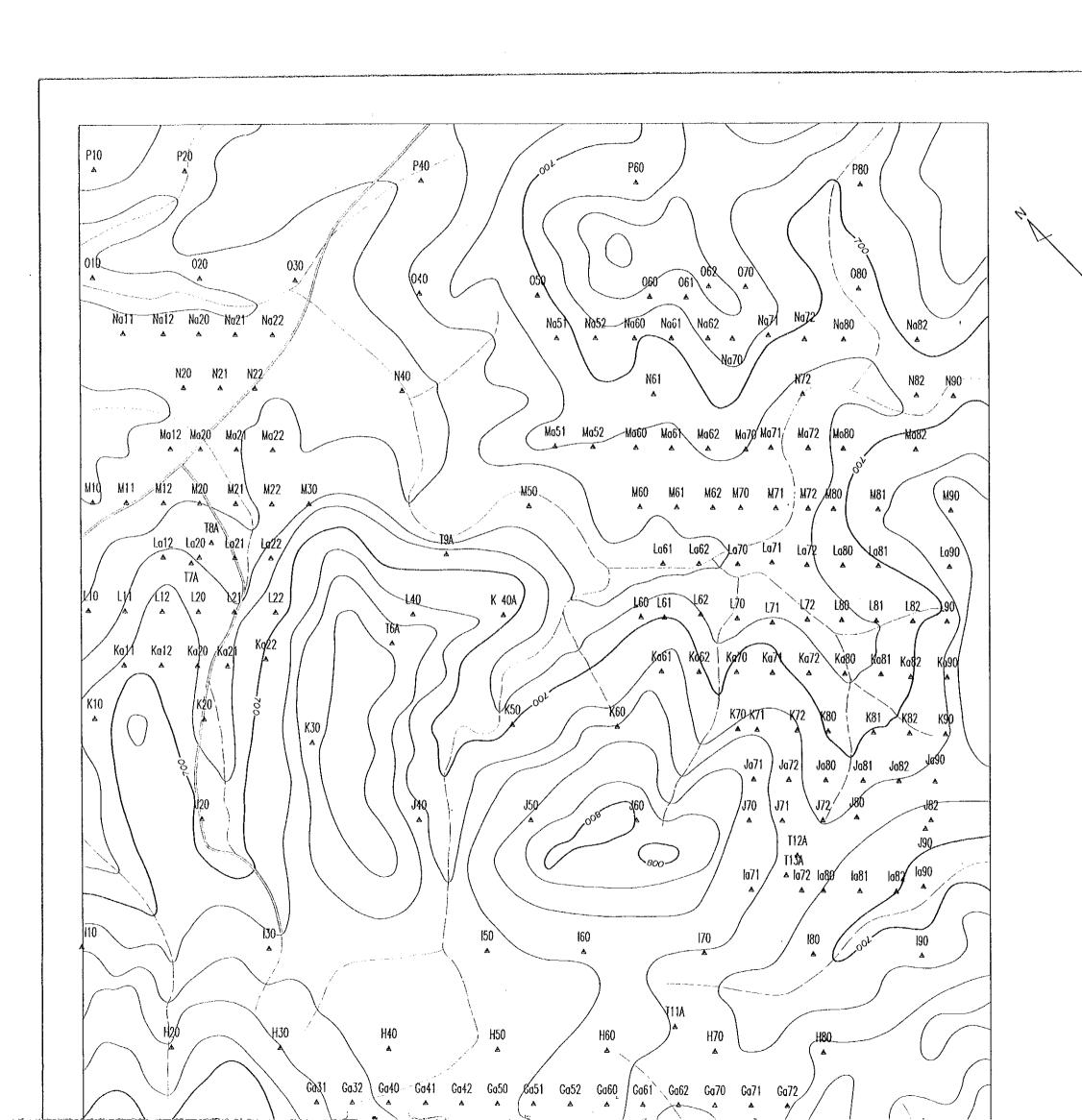






0 100 200 300 400 500 ^m





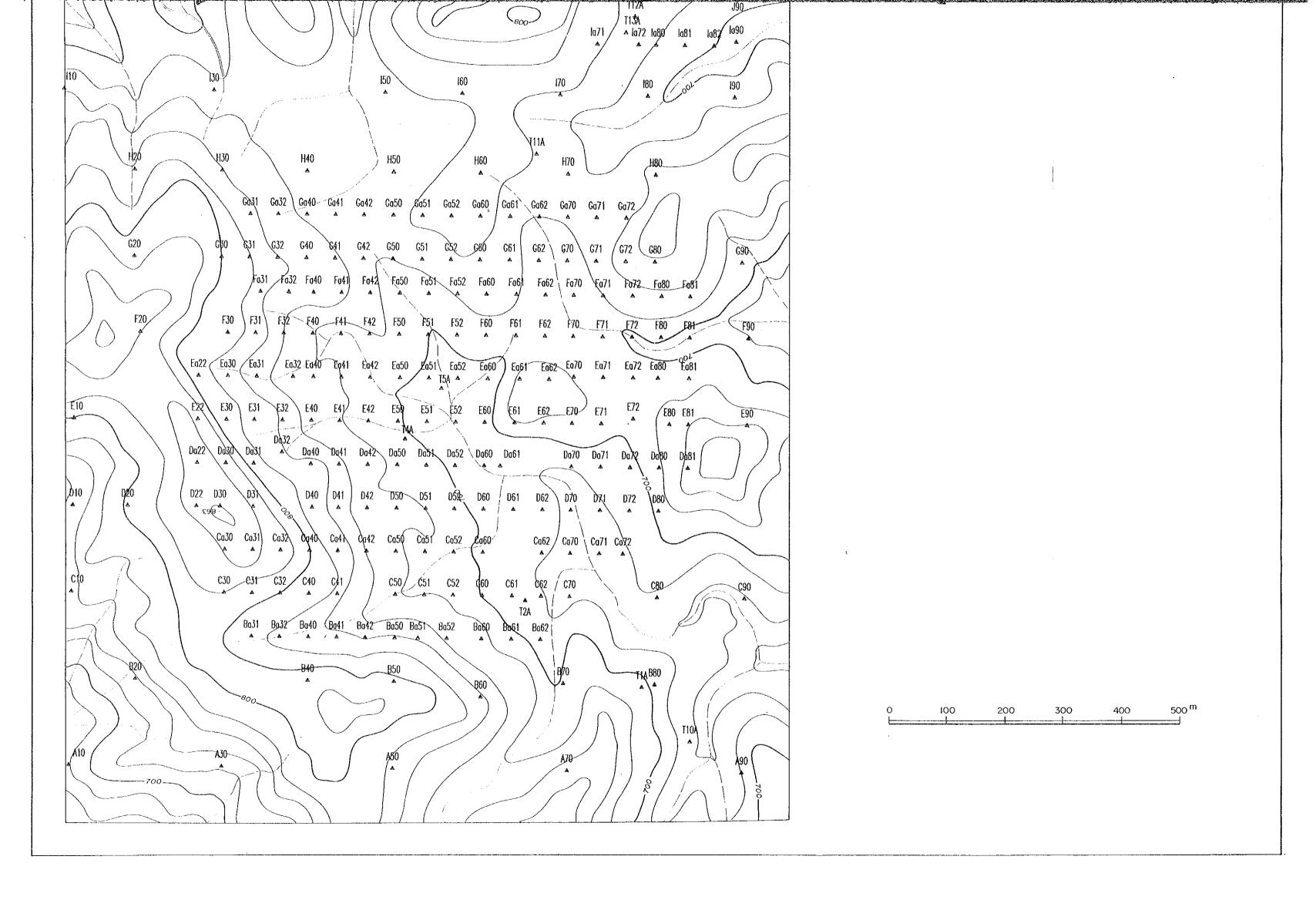
The Mineral Exploration at the Orange and Kalkfeld Areas, the Republic of Namibia

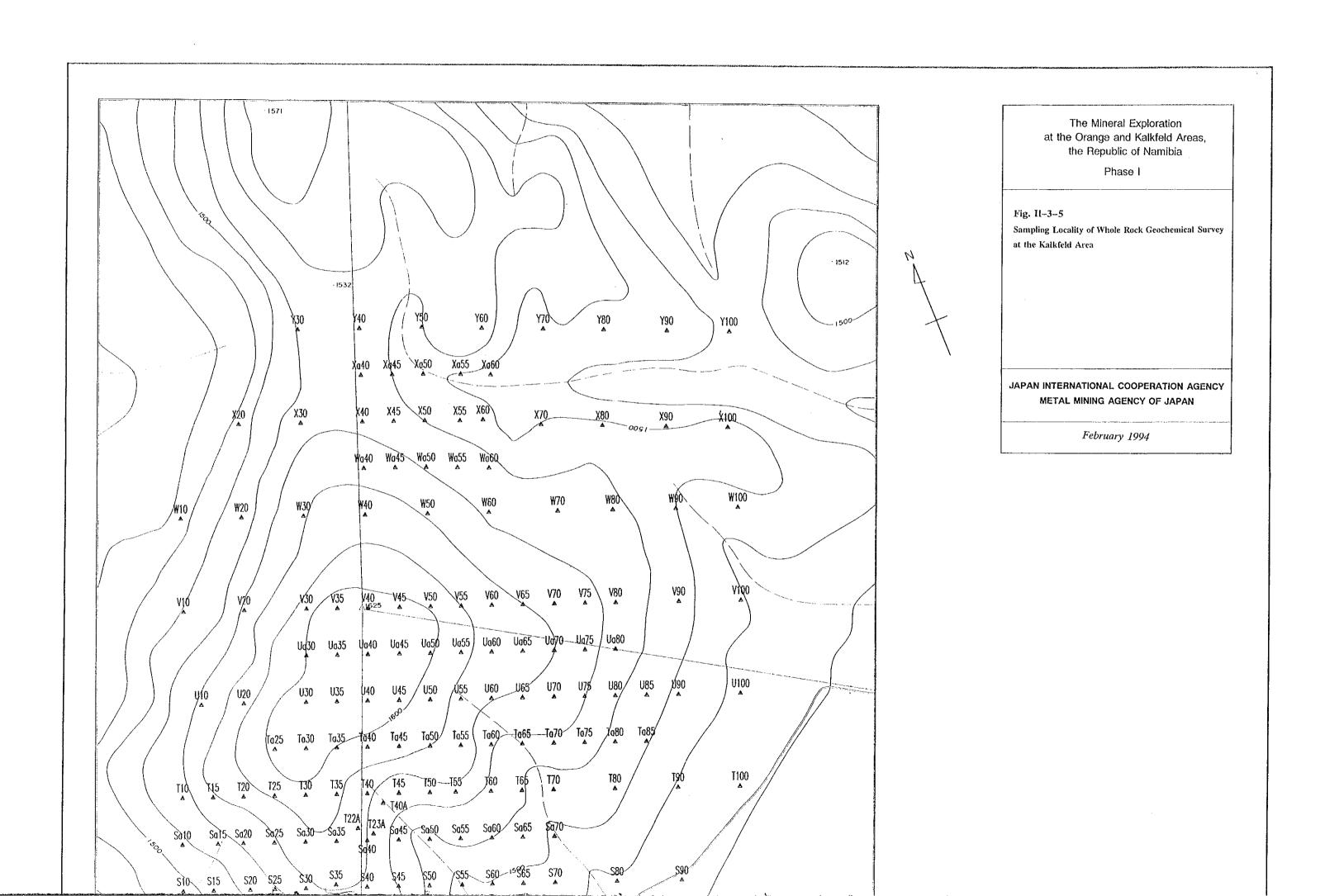
Phase I

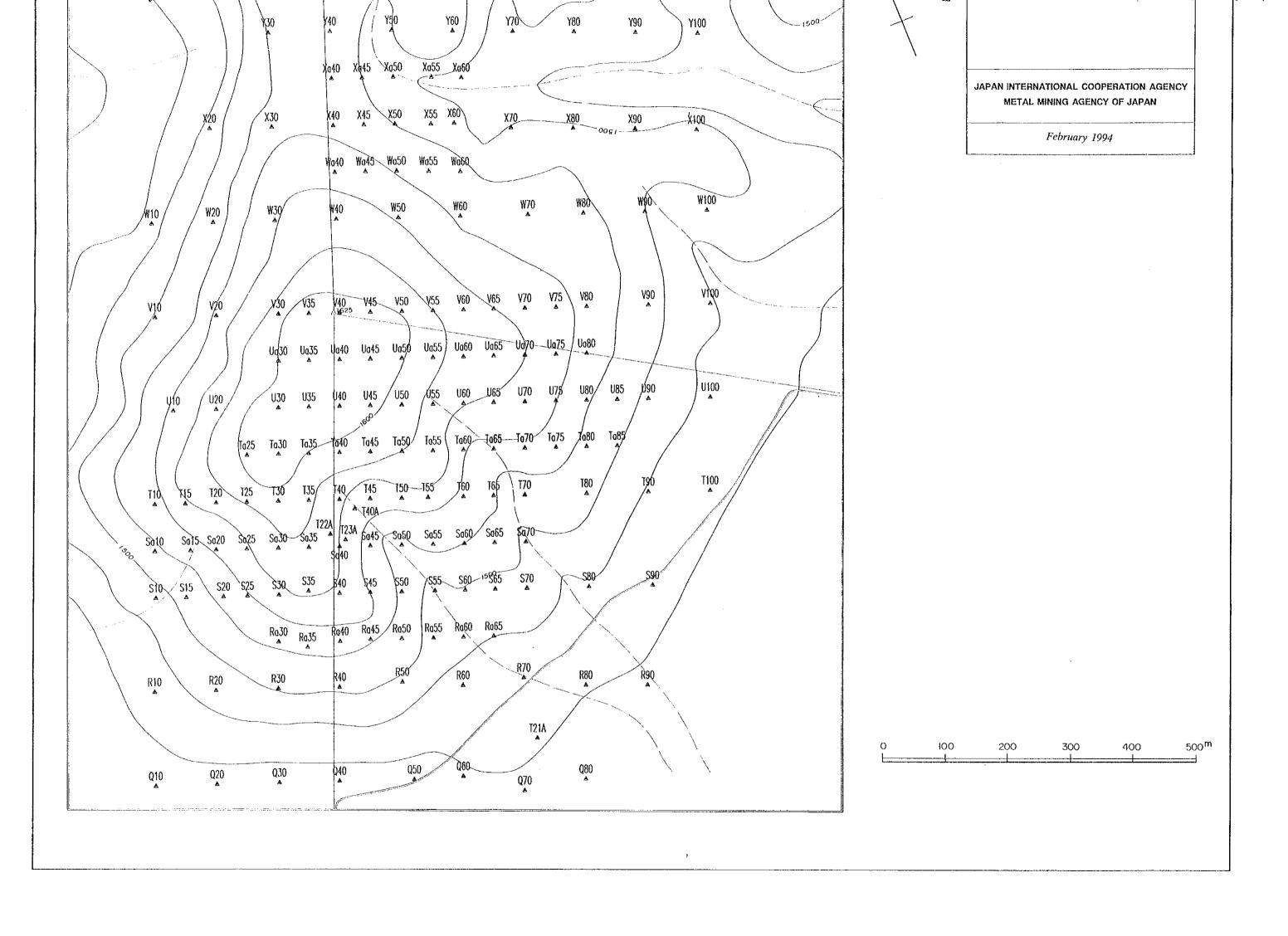
Fig. II-2-5
Sampling Locality of Whole Rock Geochemical Survey at the Orange Area

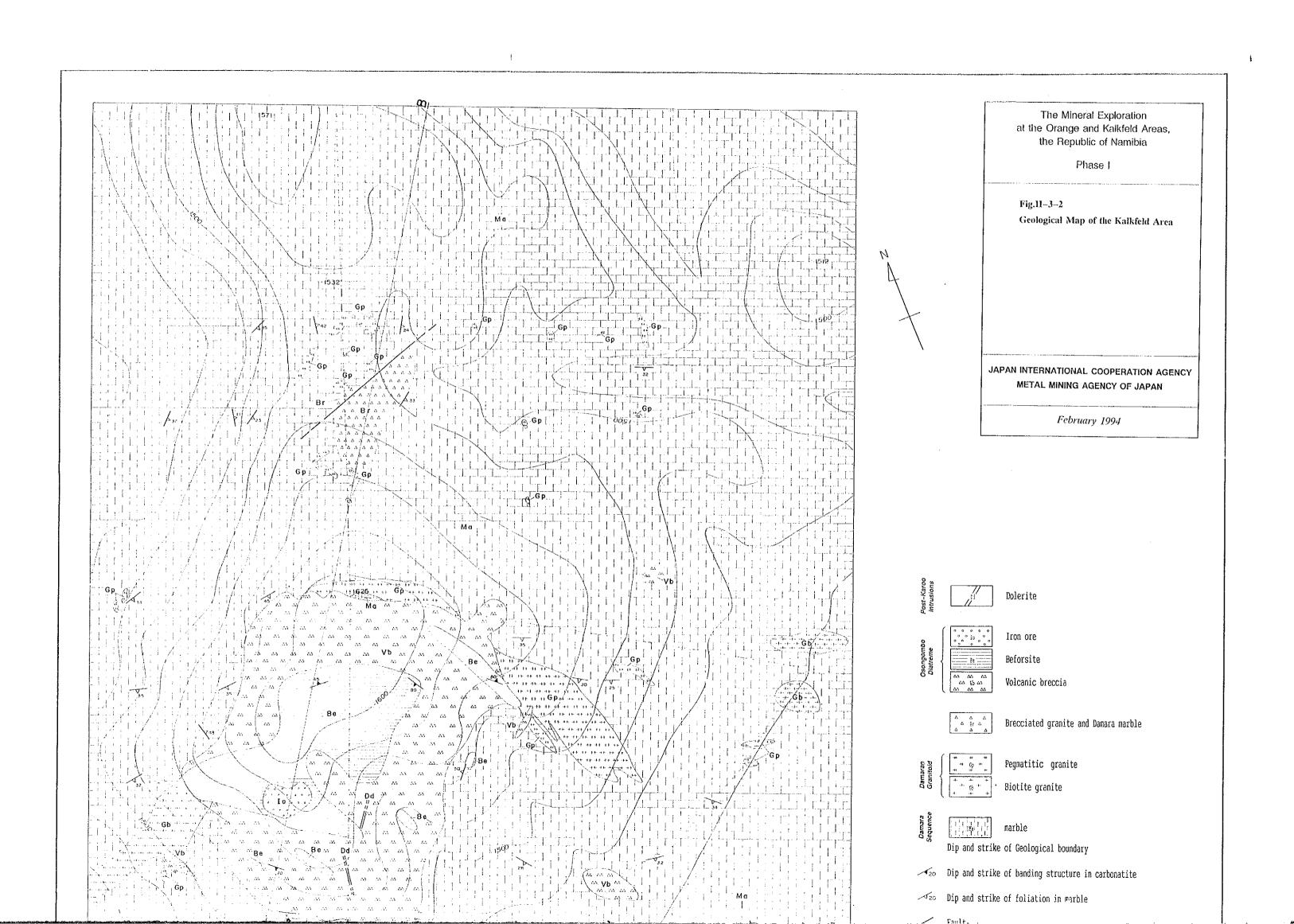
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

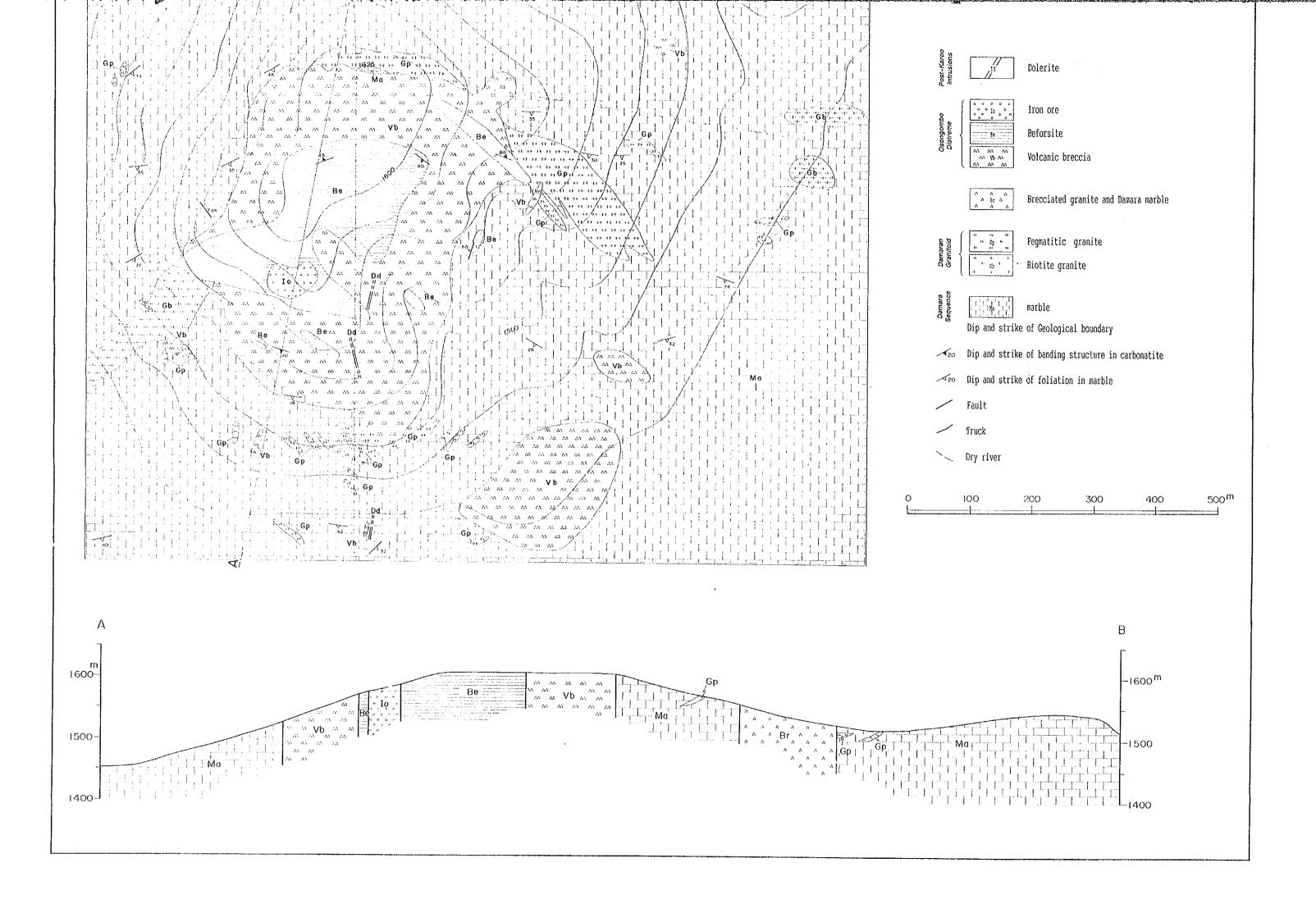
February 1994











JIGA