

DDH No. BR-9

LOCATION { X : E 740.613  
(UTM GRID) Y : N9,979.058  
ELEVATION : 1,335.5m

BEARING :  
INCLINATION : -90°  
LENGTH : 50.40m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS															COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (m)													
									SAMPLE No.	DEPTH and WIDTH (m)	Au	Ba	Sr	Nb	Y	U	Th	La	Ce	Nd	Sm	Eu	Tb				Yb	Lu											
											(g/t)	(%)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(%)	(%)	(%)	(ppm)	(ppm)	(ppm)				(ppm)	(ppm)	(ppm)										
0		1.00	brown soil with fragments of granular to pebbly gneiss	S	-	-	-																																
			pale brown soil with fragments of pebbly gneiss	S	-	-	R																																
5		4.60 30°	pale grey, slightly veined quartz-feldspathic gneiss, 6.60-6.75 m: limonitized iron oxide vein	S	-	-	R																																
		7.00	pale grey to orange brown slightly veined gneiss	S	-	-	R																																
		8.45	strongly veined (orange brown veinlets) gneiss	S	-	-	F	BR-9-01	8.45 (1.00)	0.27	4.22	300	290	460	<1	684	0.140	0.30	0.13	194.9	50.0	15.8	23.5	4.4	0.57														
10		9.45 10.10 10.35	pale grey, partly orange brown stained gneiss, weakly veined, 10.10-10.35 m; strongly veined part	S	-	-	R																																
		13.65	grey brecciated gneiss with brown veinlets	S	-	-	C																																
15		14.50 15.25	dark brown strongly veined gneiss	S	-	-	F	BR-9-02	14.50 (0.75)	<0.07	2.81	350	335	760	7	915	0.880	1.25	0.37	340.0	70.2	21.6	39.8	7.5	2.50														
		17.60	orange brown limonitized iron-oxide, slightly siliceous?	S	-	-	V																																
		18.60	brown weakly networked gneiss	S	-	-	R																																
20		22.70	greynish brown strongly weathered earthy to argillized gneiss with moderate veinlets	S	-	-	C																																
		25.20	grey to greyish brown strongly weathered gneiss	S	-	-	C																																
25		25.20	dark brown strongly weathered gneiss, stained by ferric oxide, lower part is rich in magnetite	S	-	±	C	BR-9-03	25.20 (2.50)	<0.07	2.43	2750	3800	640	22	438	0.300	0.55	0.21	276.3	72.8	28.3	32.6	5.4	1.06														
		27.70	purple red to reddish brown carbonatite, veined by iron oxide	S	+	+	F	BR-9-04	27.70 (1.30)	<0.07	1.78	1850	2700	620	18	539	0.180	0.37	0.15	233.7	58.2	23.8	33.8	5.9	0.70														
30		29.00 45°	purplish red stained, fine-grained banded carbonatite with abundant limonitized iron-oxide veinlets	M	+	-	F	BR-9-05 -29.20m BR-9-A (WA,T.E)	29.00 (2.40)	<0.07	0.57	1750	1350	380	8	341	0.097	0.21	0.06	115.9	29.5	14.6	16.5	2.8	0.367														
		31.40	orange brown limonitized iron-oxide vein	M	-	-	V	BR-9-06	31.40 (1.30)	<0.07	3.69	1100	235	750	9	998	0.490	0.73	0.25	286.3	70.0	27.8	31.3	5.0	1.47														
		32.70	dark grey to black stained gneiss	M	-	-	C	BR-9-07	32.70 (2.10)	<0.07	6.71	1200	255	320	18	746	0.610	0.94	0.30	253.7	54.0	16.2	18.6	3.6	1.85														
35		34.80 30°	dark brown, partly brown ferro-carbonatite, massive, nonmagnetic	M	+	-	C	BR-9-08 -35.20m BR-9-B (WA)	34.80 (3.60)	<0.07	5.91	2550	485	500	16	716	1.280	1.36	0.29	259.9	58.4	20.3	30.7	5.1	2.93														
		38.40	brown carbonatite, stained by ferric oxide	M	+	-	V	BR-9-09	38.40 (0.70)	<0.07	2.55	2100	760	360	3	366	0.430	0.49	0.12	149.6	38.9	14.8	19.3	3.1	1.04														
40		39.10	pale greenish grey gneiss with network veinlets, of ferro-carbonatite	M	±	-	C	BR-9-10	39.10 (1.60)	<0.07	1.69	1450	340	220	2	239	0.500	0.49	0.10	102.8	21.6	8.1	11.6	2.0	1.09														
		40.70 50°	white fine to medium-grained banded carbonatite, magnetite rich band is remarkable, beige fine-grained veinlets of alvikite intruding,	W	+	+	C																																
45		43.85	greenish grey fine to medium grained holocrystalline rock (augite rich alkaline rock)	W	±	-	C																																
		46.40	white fine to medium-grained banded carbonatite, partly massive, intruded by beige very fine-grained alvikite veinlets	W	+	+	C	BR-9-11	46.40 (4.00)	<0.07	0.63	2600	2700	225	4	225	0.150	0.26	0.09	107.5	32.7	10.3	16.6	2.5	0.50														
50		50.40							50.40																														

Apx. 88 Geological Log of Diamond Drilling Hole, BR-9



DDH No. BR-10

 LOCATION (X: E 740.874  
 (UTM GRID) Y: N 9,979.159  
 ELEVATION : 1,342.0m

 BEARING :  
 INCLINATION : -90°  
 LENGTH : 50.40m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY			DEPTH (m)																						
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)		Tb (ppm)	Yb (ppm)	Lu (ppm)		0	50	100																			
0		1.00	purplish red soil	S	-	-																																											
			brownish grey strongly weathered gneiss, earthy to argillic	S	-	-	F																																										
5		4.30	pale grey gneiss with hair veinlets of iron-oxide	S	-	-	F																																										
		5.70	black porous limonitized iron-oxide vein	S	-	-	V																																										
		6.30	dark grey clay	S	-	-																																											
		7.80	black stained earthy rock,	S	-	-																																											
10		10.50	reddish brown to orange brown stained, strongly weath- ered gneiss, veined by limonitized iron-oxide veinlets, 12.50-12.70 : porous gossan like ore (vein)	S	-	-	F	BR-10-01	(4.20)	<0.07	4.18	1650	1250	990	16	1187	1870	1.82	0.39	414.8	121.5	35.8	47.6	8.5	4.08																								
15		14.90	black porous gossan like rock	S	-	-	V	BR-10-02	(4.40)	<0.07	2.54	1500	720	560	4	770	0.600	0.82	0.23	227.5	62.8	18.3	29.7	5.6	1.65																								
		15.90	greyish brown weathered gneiss	S	-	-	C	BR-10-03	(14.90 15.90)	<0.07	3.76	1250	465	550	< 5	892	0.760	0.97	0.31	301.1	78.2	18.4	28.5	5.1	2.04																								
		17.30	brownish grey to dark grey, strongly weathered earthy rock, some fragments of gneiss visible, original rock : quartz-feldspar gneiss	S	-	-	C	BR-10-04	(17.30 17.30)	<0.07	5.88	1300	940	640	30	924	1.260	1.43	0.36	273.6	72.8	19.3	35.4	6.5	3.05																								
20		22.50	dark grey and orange brown stained gneiss, limonitized iron-oxide vein : 23.40-23.60 m, 24.90-25.00 m, 25.40-25.60 m	S	-	-	F	BR-10-05	(22.50 22.50)	<0.07	3.32	1250	650	350	12	528	0.290	0.45	0.17	187.8	47.4	9.6	16.8	3.2	0.91																								
25		25.60	dark grey to dark brown massive ferro-carbonatite, pale yellow fine minerals spotted,	S	+	-	R	BR-10-06	(25.60 25.60)	<0.07	4.10	1800	700	720	21	722	1.660	1.87	0.42	276.8	66.7	21.3	35.3	6.1	3.95																								
		28.20	brown, partly reddish brown ferro-carbonatite with porous non calcareous part (less than 20 cm in width)	M	+	-	R	BR-10-07	(28.20 28.20)	<0.07	3.86	2100	550	660	21	735	1.220	1.39	0.33	288.3	69.8	16.2	36.5	5.7	2.94																								
		32.80	brown ferr-carbonatite with spots of yellow minerals	M	+	-	R	BR-10-08	(32.80 32.80)	<0.07	3.02	1750	450	530	11	553	0.970	1.15	0.23	199.9	49.7	13.8	29.5	5.3	2.35																								
35		33.60	brown massive, partly banded ferro-carbonatite, some quartzose gneiss breccia included,	M	+	-	R	BR-10-09	(33.60 33.60)	<0.07	3.02	1750	450	530	11	553	0.970	1.15	0.23	199.9	49.7	13.8	29.5	5.3	2.35																								
		36.30	brecciated gneiss intruded by network veinlets of ferro- carbonatite	M	±	-	F	BR-10-10	(36.30 36.30)	<0.07	1.84	1400	1050	420	11	420	0.310	0.47	0.13	143.9	39.3	11.6	28.2	4.7	0.91																								
		37.00	brown and white, parti-coloured carbonatite; pale grey fine-grained carbonatite brecciated and replaced by ferro-carbonatite,	M	+	-	F	BR-10-11	(37.00 37.00)	<0.07	1.84	1400	1050	420	11	420	0.310	0.47	0.13	143.9	39.3	11.6	28.2	4.7	0.91																								
40		43.40	pale greenish grey augite bearing heterogeneous fine- grained carbonatite with veinlets of ferro-carbonatite	M	+	-	F	BR-10-12	(43.40 43.40)	<0.07	1.44	1250	640	360	5	290	0.120	0.21	0.06	73.0	23.4	8.8	21.0	3.7	0.39																								
45		46.10	pale brown fine-grained carbonatite intruded by ferro- carbonatite veinlets	M	+	-	F	BR-10-13	(46.10 46.10)	<0.07	2.96	2000	2000	920	25	829	1.050	1.36	0.29	198.6	65.6	21.6	49.2	7.7	2.70																								
		48.20	dark brown medium-grained massive ferro-carbonatite	M	+	-	F	BR-10-14	(48.20 48.20)	<0.07	5.35	2300	650	960	51	903	1.560	1.70	0.37	225.4	85.6	26.6	46.8	8.1	3.63																								
50		50.40		M	+	-	F	BR-10-15	(50.40 50.40)	<0.07	5.35	2300	650	960	51	903	1.560	1.70	0.37	225.4	85.6	26.6	46.8	8.1	3.63																								



DDH No. BR-11

LOCATION { X: E740.592  
(UTM GRID) Y: N9,978.949  
ELEVATION : 1,326.5m

BEARING :  
INCLINATION : -90°  
LENGTH : 50.30 m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS															COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (m)	
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)	Tb (ppm)				Yb (ppm)
0		0.50	brown soil	S	-	-																					
		2.90	brown, partly reddish brown earthy rock (clayish)	S	-	-		BR-11-01	(4.00)	<0.07	4.77	350	520	780	15	983	1.070	1.15	0.35	339.6	96.1	32.6	41.7	6.1	2.57		
		4.50	dark grey to black earthy rock (clayish)	S	-	-																					
5		4.50	brown to reddish brown earthy rock (clayish), original rock unidentified,	S	-	-		BR-11-02	(6.70)	<0.07	3.87	450	1100	1300	30	893	1.440	1.42	0.37	342.5	103.6	40.8	72.3	10.7	3.23		
10		11.20	greyish brown earthy rock, partly orange brown due to limonitization of iron oxide.	S	-	-	F	BR-11-03	(6.70)	<0.07	3.76	600	1250	1400	9	1547	1.400	1.26	0.28	333.4	114.6	48.5	68.9	10.6	2.94		
15		17.90	brecciated gneiss intruded by many brown iron-oxide veins	S	-	±	F																				
20		19.80	brown limonitized iron oxide vein	S	-	+	V	BR-11-04	(4.60)	<0.07	1.85	550	3250	590	8	605	0.150	0.26	0.09	131.2	42.1	18.1	38.2	5.5	0.50		
		20.30	brown porous gossan-like rock with relict of gneiss	S	-	-	V																				
		22.50	pale brown fine-grained banded carbonatite, 23.00-23.50 : relict of gneiss	M	+	-	C	BR-11-05	(1.60)	<0.07	1.49	2650	1250	430	8	243	0.220	0.36	0.12	124.0	34.9	14.2	27.1	4.2	0.70		
25		23.50	dark brown porous gossan-like rock (poor core recovery)	M	-	-	F																				
		24.10	brown porous gossan-like rock with fragments of limonitized iron-oxide vein (poor core recovery)	M	-	-	F	BR-11-06	(6.05)	<0.07	8.09	1550	1800	690	13	426	1.450	1.29	0.28	158.8	54.3	16.7	37.2	5.8	3.02		
30		30.15	white and grey, fine to medium-grained banded carbonatite, slightly stained pale brown to purplish grey	M	+	+	C	BR-11-07	(5.30)	<0.07	1.57	2850	960	380	7	327	0.330	0.42	0.11	114.5	32.6	12.3	20.7	3.4	0.86		
35		34.80	brown to purplish red, banded fine-grained ferro-carbonatite	M	+	-	R	BR-11-08	(0.35)	<0.07	1.47	1150	520	900	9	1490	0.400	0.70	0.27	305.2	94.0	30.3	27.7	3.7	1.37		
		35.45																									
		35.80	white fine to medium-grained carbonatite, stained and spotted by ferric oxide	M	+	-	C	BR-11-09	(0.20)	<0.07	5.43	1450	520	490	3	759	0.330	0.58	0.22	214.3	60.7	20.5	25.3	3.8	1.13		
		36.00																									
		38.10	dark reddish brown limonitized iron-oxide vein	M	-	-	F	BR-11-10	(0.20)	<0.07	2.94	2300	375	940	6	903	0.980	1.02	0.21	220.9	68.9	25.3	41.1	5.8	2.21		
40		38.65	brown stained, fine to medium-grained carbonatite with magnetite rich band, 39.30-39.70 m: strongly veinletted	M	+	+	F	BR-11-11	(0.55)	<0.07	1.72	1000	235	230	3	560	0.088	0.27	0.23	333.5	75.2	17.3	10.0		0.598		
		38.90m						BR-11-B																			
		39.70m						BR-11-A																			
		41.95	dark greenish grey amphibole gneiss (xenolith)	M	(+)	-	C	BR-11-12	(1.30)	<0.07	2.88	1700	600	700	6	739	0.580	0.73	0.21	273.8	80.1	26.4	34.3	4.3	1.52		
45		43.30	white, slightly stained banded fine-grained carbonatite	W	+	+	R	BR-11-13	(1.70)	<0.07	5.78	1300	400	640	16	849	1.020	1.34	0.42	339.7	83.2	22.9	29.0	4.4	2.78		
		45.10	white, partly grey (magnetite rich part) medium-grained banded carbonatite, intruded beige fine-grained alvikite veinlets (later stage)	N	+	+	R	BR-11-14	(5.30)	<0.07	2.30	2250	165	480	6	782	0.880	0.83	0.15	139.5	40.7	13.4	27.7	4.0	1.86		
		49.10	beige fine-grained alvikite dike	N	+	-	R																				
50		49.40																									
		50.30																									

Apx. 90 Geological Log of Diamond Drilling Hole, BR-11



DDH No. BR-12

LOCATION { X: E740.954  
(UTM GRID) Y: N9,979.268  
ELEVATION : 1,347.5m

BEARING :  
INCLINATION : -90°  
LENGTH : 50.40 m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE(°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY %	DEPTH (m)		
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)				Tb (ppm)	Yb (ppm)
0		0.70	brown soil	S	-	-																					
		2.75	greenish grey strongly weathered earthy gneiss	S	-	-	R																				
		3.15	dark grey very fine-grained siliceous iron-oxide vein	S	-	-	V																				
5			greenish grey strongly weathered earthy gneiss original rock : amphibole bearing gneiss	S	-	-	R																				
		8.00	orange brown stained gneiss	S	-	-	C																				
10		9.00	greenish grey strongly weathered earthy gneiss	S	-	-	R	BR-12-01	9.00 (4.60)	<0.07	9.17	550	2500	430	19	334	0.400	0.72	0.31	205.5	65.0	18.3	26.8	4.4	1.43		
		13.60	orange brown medium-grained magnetite rich vein	S	-	+	V	BR-12-02	13.60 (0.30)	<0.07	0.82	1050	3400	200	62	81	0.084	0.20	0.05	44.9	18.2	5.2	13.7	1.7	0.334		
15		13.90	grey, orange brown stained strongly weathered gneiss,	S	-	-	R																				
		16.50	purplish grey magnetite-hematite vein	M	-	+	V	BR-12-03	16.50 (0.60)	<0.07	1.59	800	4950	480	101	256	0.250	0.48	0.18	198.1	63.9	19.0	33.0	4.3	0.916		
		17.10	dark purplish grey limonitized iron oxide vein	S	-	-	V	BR-12-04	17.10 (0.90)	<0.07	1.53	600	185	290	4	419	0.076	0.28	0.17	201.0	55.7	12.6	9.9	1.2	0.526		
20		18.70	grey, partly orange brown stained weathered gneiss original rock : amphibole bearing gneiss	S	-	-	C																				
		21.85	light orange brown stained weathered gneiss, 25.50-26.30 m : siliceous iron-oxide vein	S	-	-	C																				
25		25.50																									
		26.30																									
		26.70	purple stained strongly weathered earthy gneiss veined by limonitized iron-oxide	S	-	-	C	BR-12-05	26.70 (4.50)	<0.07	3.42	1100	1700	1600	46	1106	0.350	0.70	0.26	399.8	151.7	65.1	49.1	5.8	1.31		
30		31.20	orange brown stained strongly weathered gneiss	S	-	-	C																				
		31.70	dark greyish brown stained, strongly weathered gneiss veinletted by limonitized iron-oxide	S	-	-	C	BR-12-06	31.70 (3.20)	<0.07	4.50	1500	1450	1850	48	1565	0.620	0.88	0.28	422.9	167.6	65.6	70.1	8.0	1.78		
35		34.90	orange brown porous gossan like rock, may be strongly veinletted part of gneiss	S	-	-	A	BR-12-07	34.90 (6.45)	0.07	4.49	1750	1100	1550	50	1493	1.610	1.50	0.31	352.4	125.6	41.7	66.2	8.1	3.42		
40		41.35	grey compact siliceous iron oxide: 35.30-35.60 m, 36.10-36.30 m																								
		44.70	dark brown to purple stained, medium-grained weath- ered carbonatite, lower part : veinletted by iron-oxide	M	+	-	C	BR-12-08	44.70 (3.35)	<0.07	3.52	1100	1450	750	14	1012	0.450	0.59	0.17	227.6	79.6	28.5	42.7	5.5	1.21		
45		44.90	green gneiss																								
		48.20	brown medium-grained carbonatite, strongly veinletted by iron-oxide	M	+	-	A	(WA BR-12-A 48.00m) BR-12-09	48.20 (1.50)	<0.07	5.45	1450	1050	1100	13	1199	0.550	0.69	0.18	326.8	111.3	36.2	55.9	7.2	1.42		
		49.70	dark brown medium-grained limonitized ferro-carbonatite	M	+	-		(WA, T, E ) BR-12-10	49.70 (10.30)	<0.07	5.78	1300	1050	960	15	1271	1.390	1.68	0.42	350.0	108.1	27.4	34.2	4.1	3.49		
50		50.10						BR-12-11	50.10 (0.30)	<0.07	4.59	1350	810	600	15	1717	1.260	1.31	0.25	362.3	101.3	22.7	18.8	3.4	2.82		
		50.40						BR-12-B	50.40																		

Apx. 91 Geological Log of Diamond Drilling Hole, BR-12





DDH No. BR-13

LOCATION { X: E740.954  
(UTM GRID) Y: N9,979.268  
ELEVATION : 1,347.5m

BEARING :  
INCLINATION : -90°  
LENGTH : 50.40m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE(°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (m)			
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)				Tb (ppm)	Yb (ppm)	Lu (ppm)
0		0.50	greyish brown soil	S	-	-			0.50																			
		2.00	dark grey to brown limonitized fragmental rock	S	-	-			BR-13-01	(2.90)	<0.07	4.59	2350	720	1050	21	982	0.780	0.91	0.24	250.7	87.1	34.7	54.4	7.7	1.93		
		3.40	brown strongly weathered gneiss	S	-	-	C																					
5			dark grey to purplish grey strongly weathered earthy rock, including fragments of iron-oxide ore	S	-	-			BR-13-02	(4.30)	<0.07	3.73	2300	1300	970	17	965	0.670	0.80	0.11	238.0	77.1	29.3	58.8	8.2	1.58		
		7.70	pale brown weathered quartz-feldspathic gneiss	S	-	-	R																					
10		10.15	greenish grey fine-grained weathered amphibole gneiss	S	-	-	C																					
		10.75	white medium-grained quartz-feldspathic gneiss, veinletted, particularly lower half, by limonitized iron-oxide	M	-	-	C A																					
		14.20	brown gossan with relict of gneiss	M	-	-																						
15		14.75	greenish grey fenitized gneiss, network veinlets of iron-oxide and green veinlets (aegirine) remarkable	M	-	-	A																					
		18.10	dark grey siliceous iron-oxide vein	M	-	-	V																					
		18.60	greenish grey fenitized gneiss	M	-	-	C																					
20		19.70	strongly veinletted (iron-oxide), brown stained gneiss	S	-	-	A																					
		21.30	orange brown, partly greyish brown earthy rock	S	-	-	C		BR-13-03	(2.00)	<0.07	5.43	1400	520	1050	23	1051	0.210	0.39	0.12	479.0	153.9	44.8	48.1	5.4	0.72		
		23.30	heterogeneous carbonatite > iron-oxide >> relict of gneiss, brown to greenish grey	W	-	-	A		BR-13-04	(3.05)	<0.07	4.04	1050	930	690	14	802	0.130	0.32	0.11	325.5	81.7	20.3	27.6	4.0	0.56		
25		26.35	orange brown amorphous massive iron oxide with black manganese veinlets	W	-	-	V	←27.20m	BR-13-05	(1.40)	<0.07	5.69	1200	1850	710	37	1356	0.110	0.32	0.30	633.5	169.4	32.9	29.7	4.3	0.73		
		27.75	dark grey to black manganese porous rock	W	-	-	V	←27.75m	BR-13-A	(1.40)	<0.07	5.94	1500	375	750	18	1545	0.190	0.59	0.45	582.7	135.0	30.6	26.6	4.6	1.23		
		29.15	dark grey to black medium-grained ferro-carbonatite	W	+	-	R		BR-13-07	(1.65)	<0.07	5.60	1400	540	760	8	1030	0.370	0.70	0.37	450.6	112.9	32.6	25.3	3.9	1.44		
30		30.80	dark grey to black medium-grained ferro-carbonatite with black manganese and purple grey iron-oxide veinlets	W	-	-	V		BR-13-08	(0.75)	<0.07	5.73	1250	200	560	9	1186	0.160	0.54	0.43	454.4	96.2	20.2	29.7	3.4	1.13		
		31.55																										
		32.80	dark grey to black medium-grained ferro-carbonatite with black manganese and purple grey iron-oxide veinlets	W	+	-	C	←32.80m	BR-13-B	(3.25)	<0.07	7.08	1500	310	550	11	755	0.290	0.65	0.36	347.1	84.1	22.8	24.0	3.7	1.30		
		34.80																										
35		34.80	brown to pale brown medium-grained carbonatite with brown iron-oxide veinlets, stained dark brown particularly along veinlets	W	+	-	A		BR-13-10	(5.00)	<0.07	7.34	2300	910	610	11	919	1.200	1.56	0.44	296.5	70.0	20.8	22.4	4.2	3.20		
		39.80																										
40		39.80	brown porous gossan-like rock	W	-	-		←38.50m	BR-13-C	(1.80)	<0.07	7.44	2700	920	560	11	708	1.720	1.69	0.33	212.1	53.3	16.8	20.3	3.5	3.74		
		40.40	pale brown stained, medium-grained carbonatite	W	+	-	R		BR-13-11	(1.80)	<0.07	7.44	2700	920	560	11	708	1.720	1.69	0.33	212.1	53.3	16.8	20.3	3.5	3.74		
		42.20																										
		42.50	white fine-grained carbonatite	W	+	-																						
		42.50	white, medium to coarse-grained carbonatite with minor black (manganese) iron-oxide veinlets	W	+	-	R		BR-13-12	(3.60)	<0.07	2.13	2250	230	930	10	814	0.300	0.44	0.15	210.0	64.6	28.7	38.9	6.2	0.89		
45		46.10																										
		46.45	white medium to coarse-grained, strongly veined carbonatite	W	+	-	A		BR-13-13	(2.00)	<0.07	7.60	2400	295	910	34	1127	0.840	0.95	0.31	364.7	106.0	34.1	41.8	6.7	2.10		
		47.15																										
		48.10	pale brown medium to coarse-grained carbonatite	W	+	-	A	(WA, T)	BR-13-14	(2.30)	<0.07	4.58	1900	590	780	11	864	1.200	1.38	0.35	379.3	90.5	25.4	31.9	4.9	2.93		
		49.15																										
50		49.40	pale brown medium to coarse-grained ferro-carbonatite	N	+	+	R	←50.00m																				
		50.40																										

Apx. 92 Geological Log of Diamond Drilling Hole, BR-13



DDH No. BR-14

LOCATION { X : E 740.868  
(UTM GRID) Y : N 9,979.637  
ELEVATION : 1,307.0 m

BEARING :  
INCLINATION : -90°  
LENGTH : 50.30 m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH (m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	SAMPLE No.	DEPTH and WIDTH (m)	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY			DEPTH (m)					
											Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)		Lu (ppm)	0	50		100				
0		1.40	brown weathered earthy rock; upper 0.3 m, reddish brown	S	-	-			BR-14-01	0.00 (1.40)	<0.07	3.13	1200	620	540	7	848	0.320	0.52	0.22	259.3	63.1	21.0	31.0	4.2	1.06				0				
			pale brown to dark grey earthy gneiss, original rock : amphibole bearing gneiss	S			R		BR-14-02	(2.75)	<0.07	1.93	950	1250	560	11	526	0.430	0.48	0.12	144.5	41.9	17.0	32.3	4.7	1.03								
5		4.15	dark grey, limonitized iron-oxide vein	S			V		BR-14-03	4.15 (4.75)	<0.07	0.96	2000	46	240	3	855	0.039	0.23	0.21	300.8	61.8	14.6	7.3	1.8	0.479								
		4.90	pale grey weathered quartz-feldspathic gneiss with very minor amount of amphibole	S			R		BR-14-04	(0.35)																								
		7.80	pale grey to pale brown medium to coarse-grained magnetite rich carbonatite, 8.05-8.65 : porous iron-oxide vein	C	+	+	C	9.30 m BR-14-A (W, T, E)	BR-14-05	8.05 (8.25)	0.07	1.48	2900	890	850	4	1393	0.420	1.05	0.41	394.1	91.3	31.3	24.2	3.9	1.88								
10		8.60							BR-14-06	8.60 (10.65)	<0.07	4.17	4250	450	260	43	450	1.030	1.02	0.19	150.8	37.0	11.8	7.3	1.1	2.24								
		11.50	pale brown porous iron-oxide rich rock	C	-	+	A		BR-14-07	11.50 (12.15)	<0.07	4.16	3250	460	320	12	1580	0.790	1.80	0.73	494.3	94.7	19.8	6.8	1.1	3.32								
		12.15	strongly weathered green amphibole gneiss	C	-	-	R																											
15		14.20	weakly weathered greyish green amphibole gneiss, minor sporadic iron-oxide veinlets developed	C	-	-	R																											
		17.00	fresh greenish grey amphibole gneiss, amphibole : altered to chlorite, minor hair veinlets : slightly observed, intercalation : calcareous schist 2 cm in width,	W	-	-	R																											
20		21.10	white fine-grained calcareous schist with green film seams and bands	W	+	-	R																											
		24.30	greenish grey, fresh, fine to medium-grained compact amphibole gneiss Hair calcite veinlets occur moderately throughout the core.																															
30				W	-	-	C																											
35																																		
		37.50	brown stained amphibole gneiss	M	-	-	R																											
40		38.00	strongly sheared, silicified amphibole gneiss, vein quartz strongly developed, minor iron-oxide veinlets	M	-	-	A		BR-14-08	38.00 (42.90)	<0.07	0.69	750	2700	1100	11	986	0.430	0.60	0.18	307.1	105.1	44.1	40.3	5.5	1.21								
		40.90	pale grey very fine-grained calcareous schist	W	+	-	R																											
		41.90	weakly sheared, greenish grey amphibole gneiss	M	-	-	R																											
45		43.10	brown stained, amphibole gneiss with moderate development of iron-oxide veinlets	M	-	-	C																											
		46.20	pale grey to white, meta-acidic intrusive rock, quartz : granulated, feldspar : relict crystal, amphibole gneiss : xenolith-like occurrence,	W	-	-	R																											
50		49.50																																
		50.00																																
		50.30																																

Apx. 93 Geological Log of Diamond Drilling Hole, BR-14



DDH No. BR-15

LOCATION { X: E740.968  
(UTM GRID) Y: N9.979.510  
ELEVATION : 1.318.0m

BEARING :  
INCLINATION : -90°  
LENGTH : 50.30 m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS																COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (m)
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)			
0			light brown, partly brown strongly weathered earthy rock with fragments of siliceous iron-oxide vein	S	-	-	C																				
5		5.80	dark grey to brown strongly weathered earthy rock,	S	-	-	C																				
8.10		8.10	grey strongly weathered earthy quartz-feldspathic gneiss	S	-	-	C																				
11.70		11.70	brown massive limonitized iron-oxide ore (vein)	S	-	-	V	BR-15-01	11.70	<0.07	3.83	650	175	185	<7	895	0.061	0.30	0.28	330.5	70.8	9.6	9.6	1.8	0.641		
12.10		12.10	brown stained gneiss, strongly veined by iron-oxide	S	-	-	A																				
13.50		13.50	pale grey to white, strongly weathered quartz-feldspathic gneiss with green amphibole patches	S	-	-	R																				
15		15.70	porous to massive limonitized iron-oxide vein	S	-	-	V	BR-15-02	15.70	<0.07	4.57	700	300	360	7	833	0.300	0.67	0.27	216.0	49.2	13.7	15.3	2.7	1.24		
16.45		16.45	gneiss	S	-	-	R																				
17.00		17.00	brown to black limonitized, massive to porous iron-oxide	S	-	-	V	BR-15-03	17.00	<0.07	7.57	750	450	195	7	703	0.190	0.44	0.24	226.3	45.4	7.8	7.7	1.0	0.87		
18.35		18.35	pale grey strongly weathered gneiss with minor argillized green minerals	S	-	-	R																				
20		20.80	pale grey strongly weathered quartz-feldspathic gneiss, bearing chlorite after amphibole	S	-	-	R																				
23.40		23.40	brown porous strongly limonitized gossan-like rock	S	-	-	A	BR-15-04	23.40	<0.07	7.97	1150	600	740	32	1079	1.440	1.65	0.38	196.1	73.2	25.8	29.4	5.1	3.47		
25		25.00	pale brown medium-grained massive carbonatite	M	+	-	R	BR-15-05	25.00	0.07	6.04	2000	79	450	69	910	0.840	1.21	0.30	219.0	57.5	16.2	13.4	2.8	2.35		
25.70		25.70	dark brown limonitized iron-oxide vein	M	-	-	V	BR-15-06	25.70	<0.07	8.26	1250	175	420	12	638	0.390	0.88	0.36	131.0	37.5	9.5	9.9	1.5	1.63		
25.90		25.90	pale grey weakly weathered gneiss,	M	-	-	R																				
28.00		28.00	pale greyish green strongly weathered amphibole gneiss, amphibole : chloritized	S	-	-	R																				
30		33.60	greenish grey fresh amphibole gneiss (chloritized)	W	-	-	R																				
35		34.10	pale grey to white quartz-feldspathic gneiss	W	-	-	R																				
37.40		37.40	greenish grey amphibole gneiss, veined by iron-oxide	M	-	-	A																				
37.70		37.70	brown to dark brown iron-oxide, massive (lower) and porous	M	-	-	V	BR-15-07	37.70	<0.07	5.86	550	63	270	34	1039	0.160	0.46	0.26	237.1	72.2	15.9	14.3	2.1	0.88		
39.25		39.25	pale grey to white quartz-feldspathic gneiss, brown iron oxide vein : 39.45-39.60 m, 40.60-40.70 m, 41.05-41.15 m	W	-	-	A	BR-15-A (WA)																			
42.00		42.00	dark brown massive iron-oxide vein with yellow mineral dissemination	M	-	-	V	BR-15-08	42.00	<0.07	5.02	600	110	260	15	755	0.150	0.55	0.28	170.0	44.1	9.1	10.9	1.5	0.98		
43.20		43.20	brown medium-grained carbonatite with iron-oxide vein	W	+	-	C	BR-15-B	43.20	<0.07	6.59	700	245	500	16	860	0.610	1.10	0.35	225.0	58.6	14.7	23.0	3.1	2.06		
43.90		43.90	pale grey to pale greenish grey strongly fractured gneiss, i.e., amphibole bearing quartz-feldspers gneiss, miner carbonatite vein less than 5 cm in width developed in upper part,	W	-	-	C	BR-15-09 (WA, P)	43.90																		
50		50.30																									

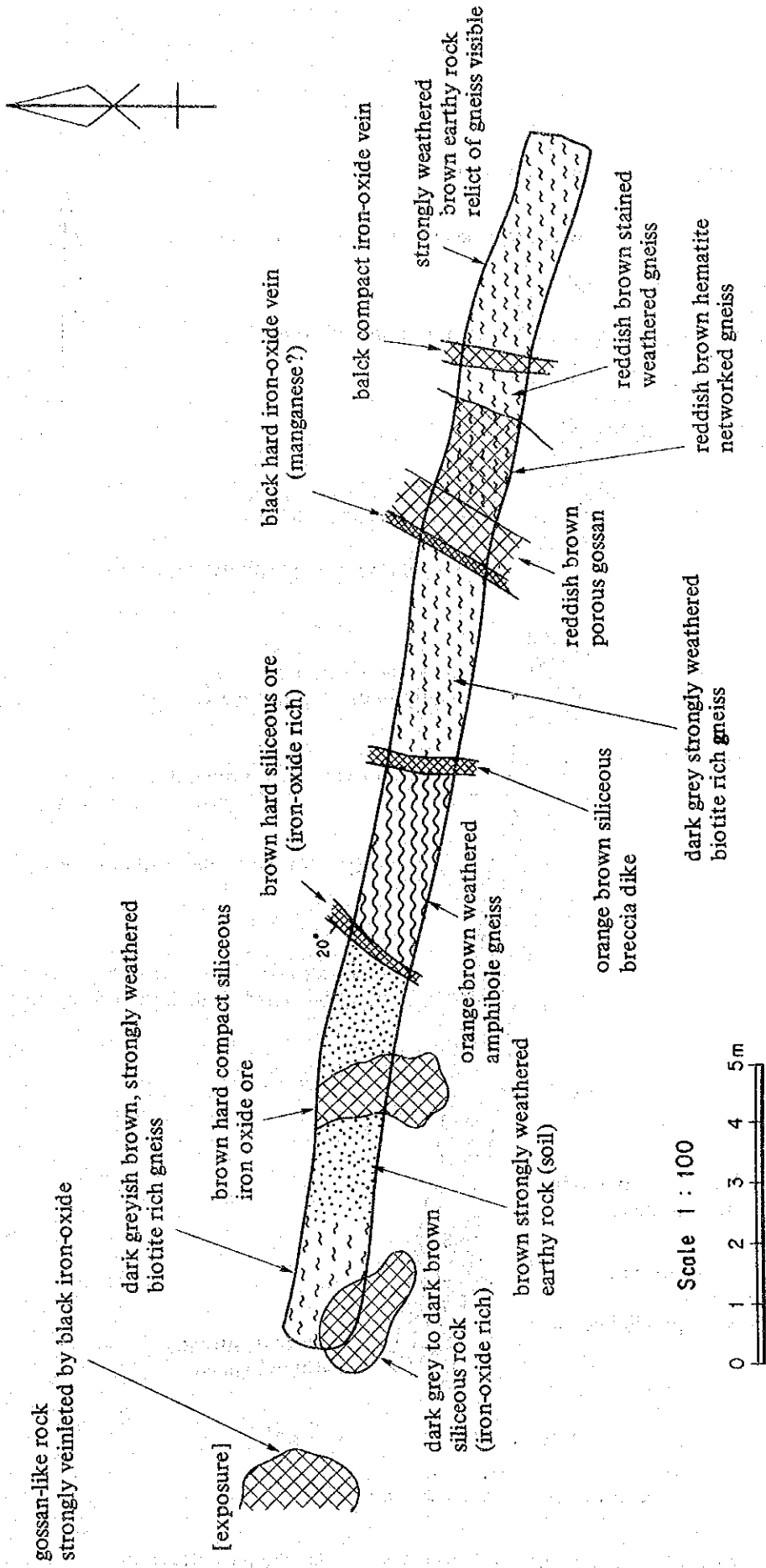
Apx. 94 Geological Log of Diamond Drilling Hole, BR-15











gossan-like rock  
strongly veined by black iron-oxide

dark greyish brown, strongly weathered  
biotite rich gneiss

brown hard compact siliceous  
iron oxide ore

brown hard siliceous ore  
(iron-oxide rich)

black hard iron-oxide vein  
(manganese?)

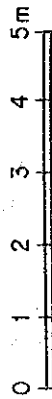
dark grey to dark brown  
siliceous rock  
(iron-oxide rich)

brown strongly weathered  
earthy rock (soil)

orange brown weathered  
amphibole gneiss

orange brown siliceous  
breccia dike

Scale 1 : 100



dark grey strongly weathered  
biotite rich gneiss

reddish brown  
porous gossan

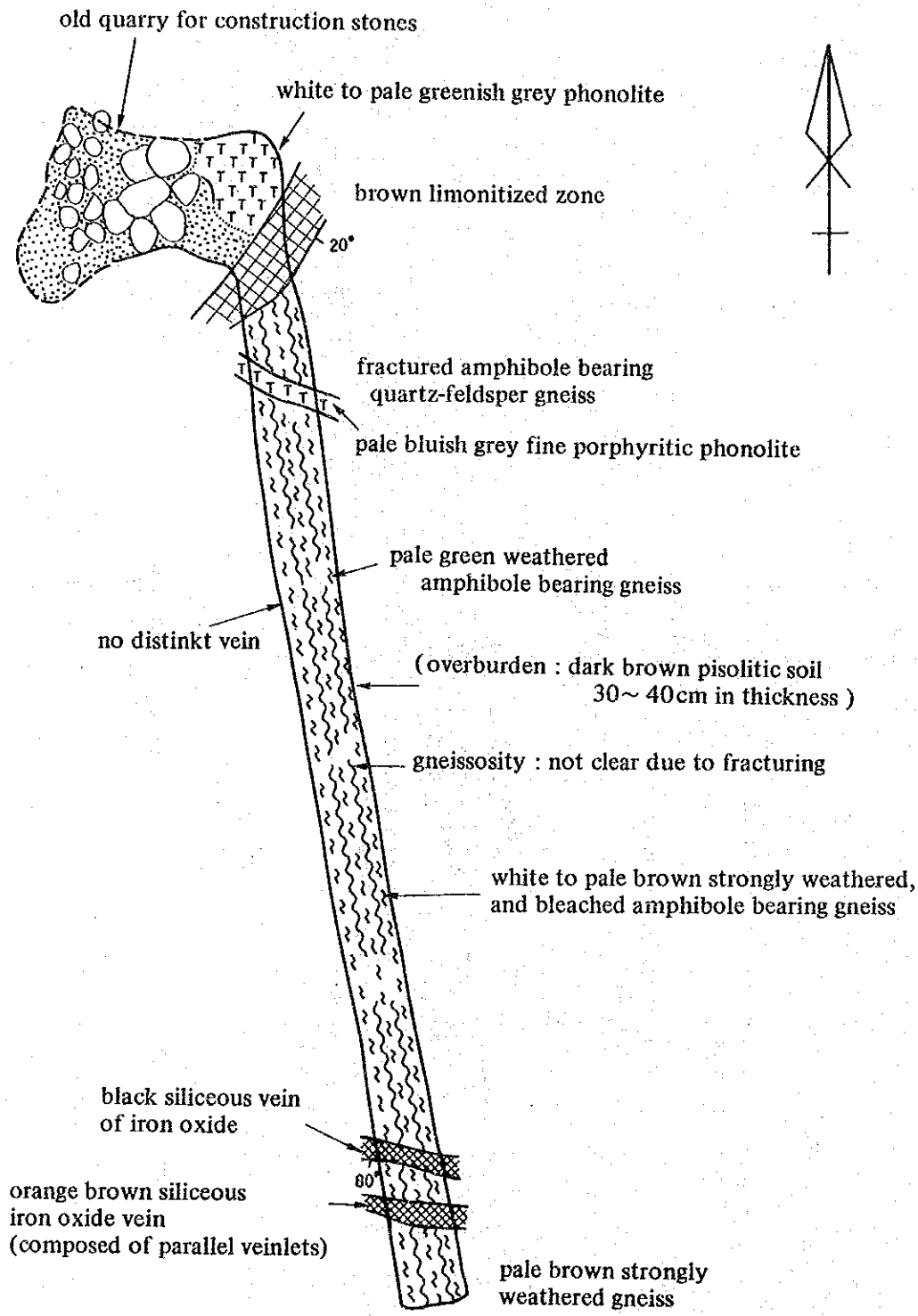
reddish brown stained  
weathered gneiss

reddish brown hematite  
networked gneiss

black compact iron-oxide vein

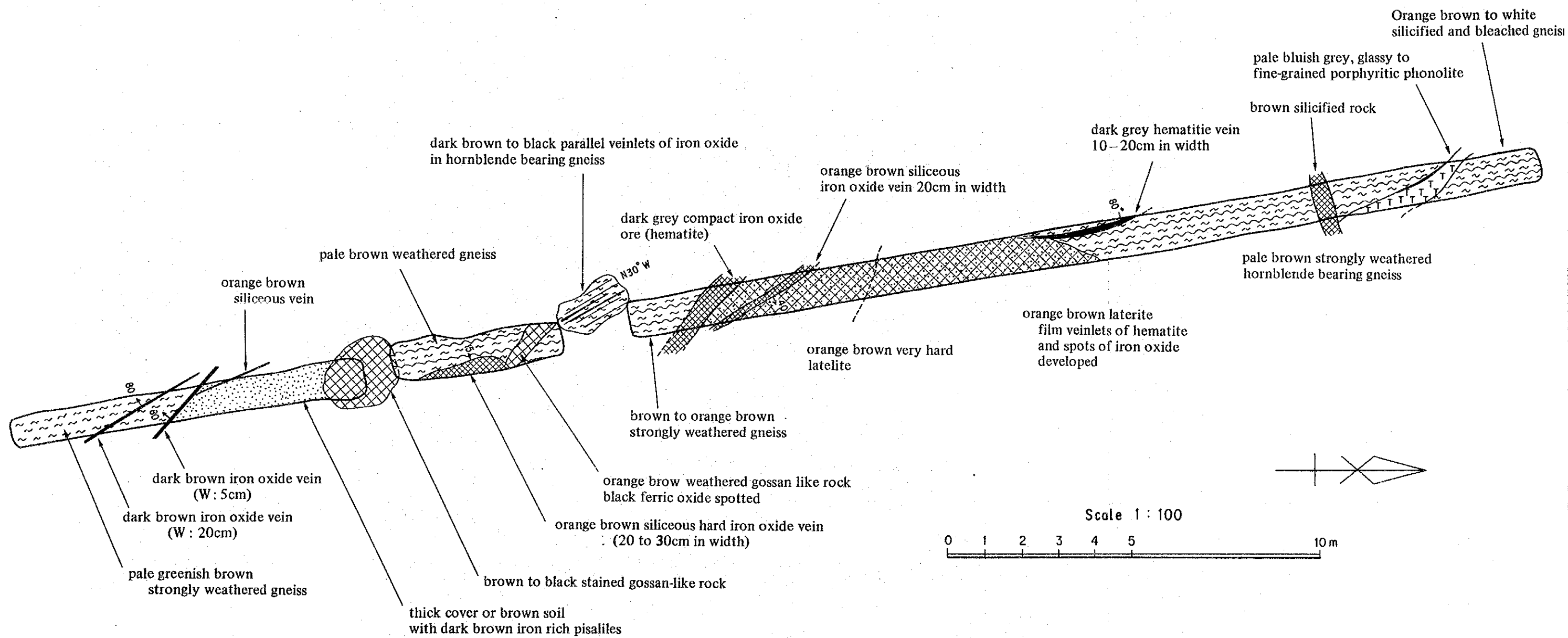
strongly weathered  
brown earthy rock  
relict of gneiss visible

Apx. 96 Geological Sketch Map of the Trench, BR-T-1



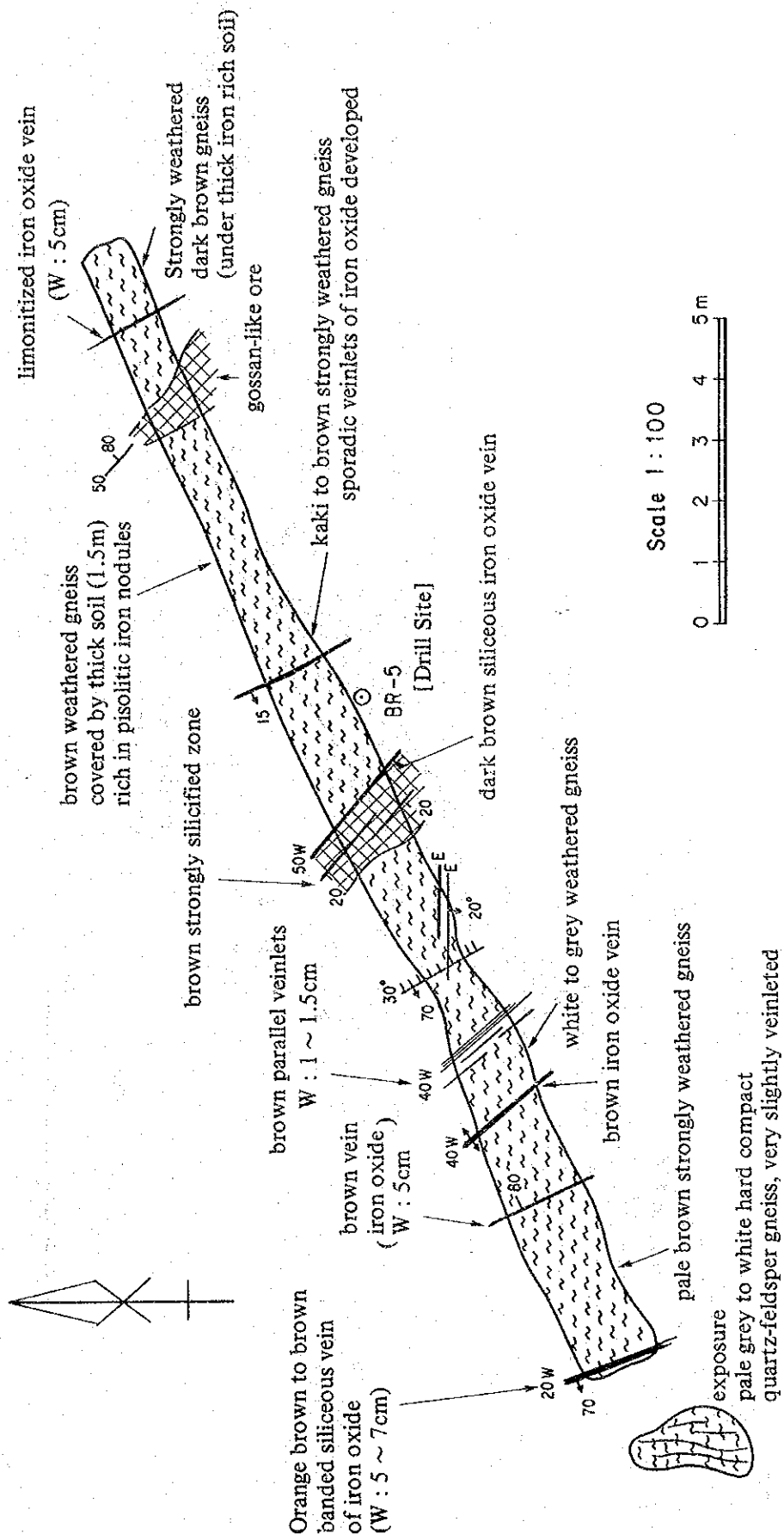
Scale 1 : 100





Apx. 98 Geological Sketch Map of the Trench, BR-T-3

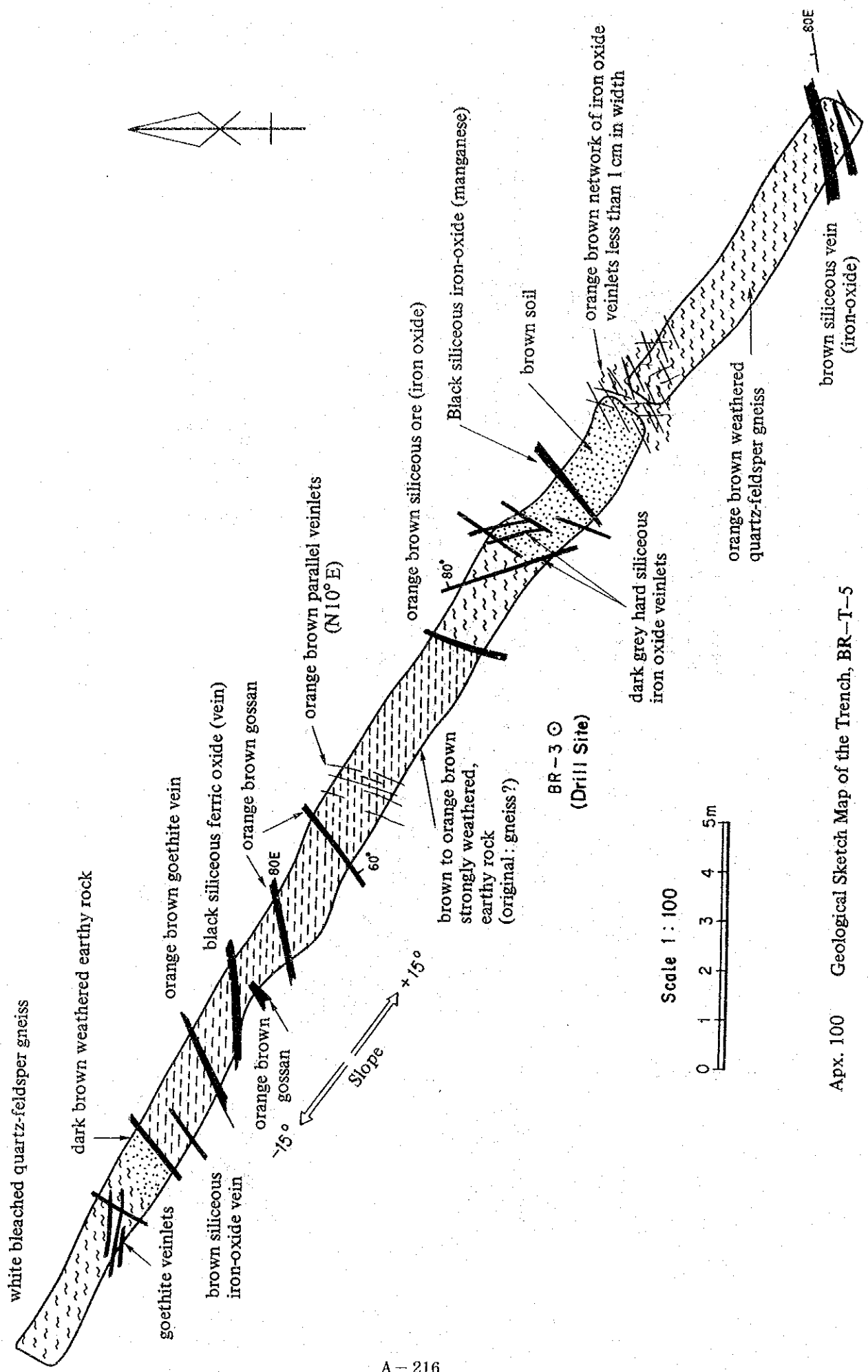




Scale 1 : 100

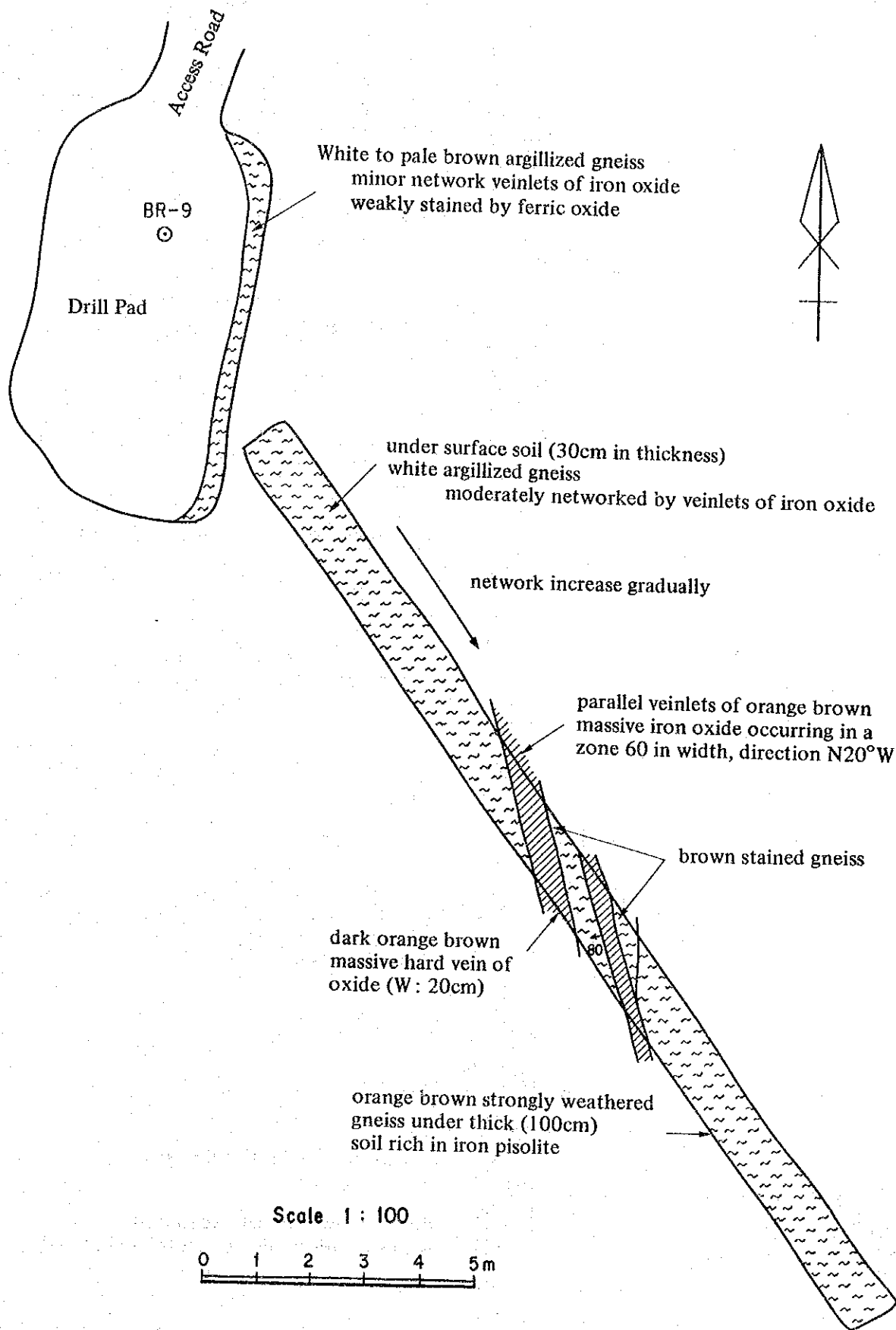
0 1 2 3 4 5 m

Apx. 99 Geological Sketch Map of the Trench, BR-T-4

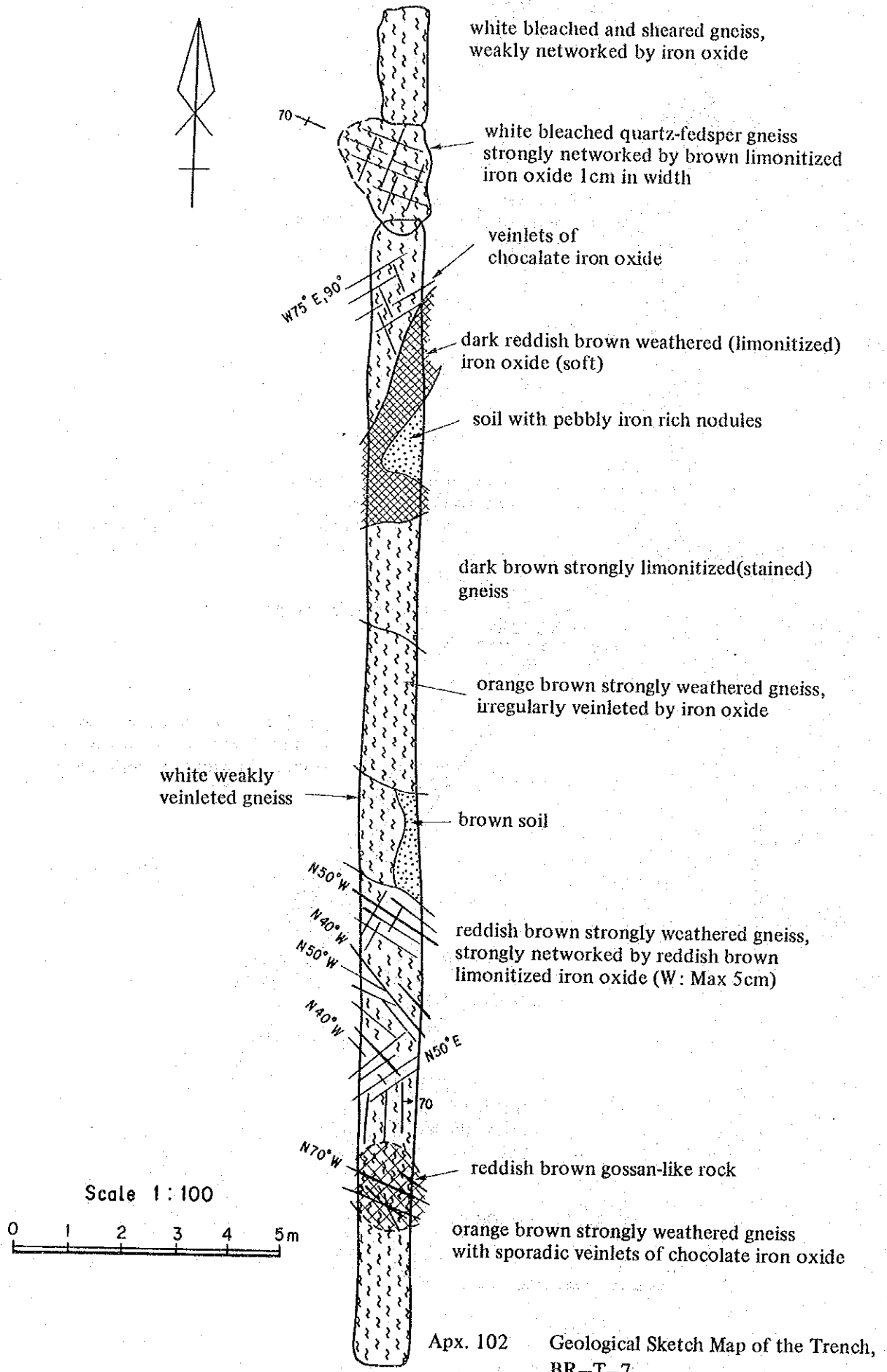


A - 216

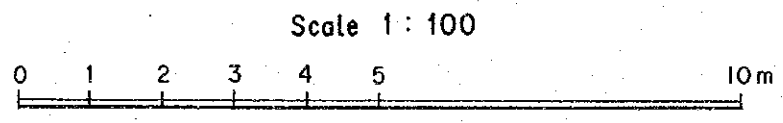
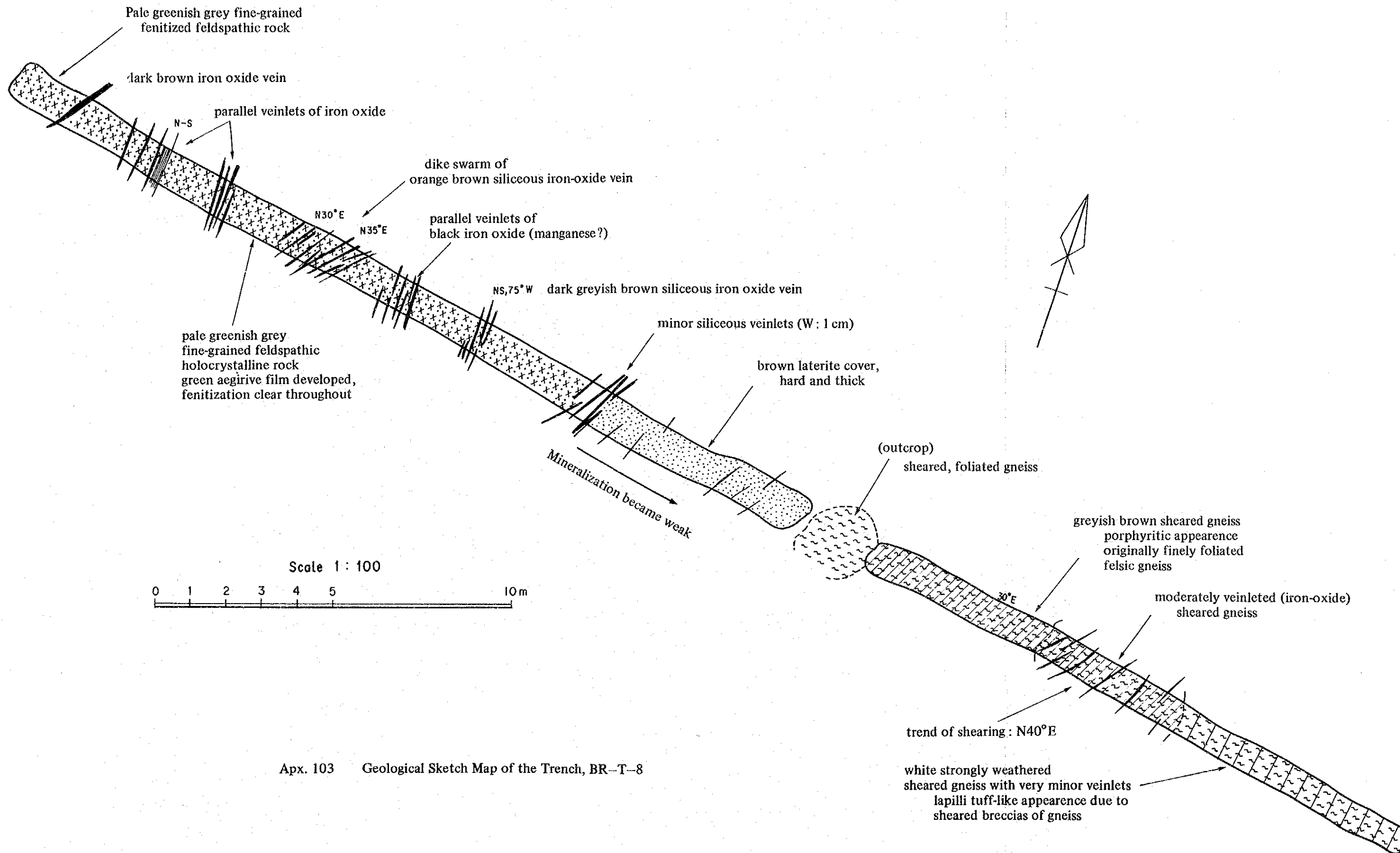
Apx. 100 Geological Sketch Map of the Trench, BR-T-5



Apx. 101 Geological Sketch Map of the Trench, BR-T-6  
A-217

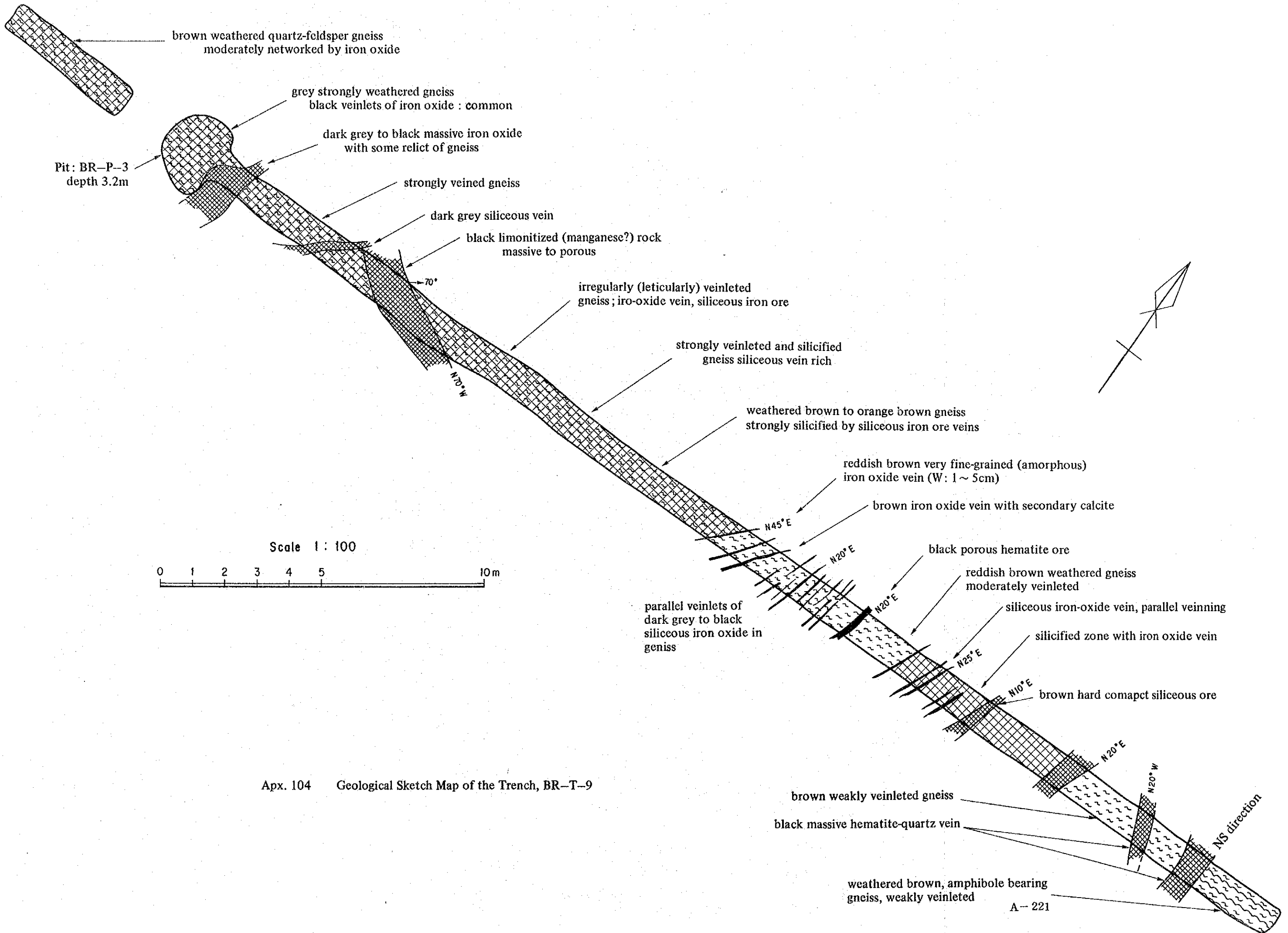






Apx. 103 Geological Sketch Map of the Trench, BR-T-8





Apx. 104 Geological Sketch Map of the Trench, BR-T-9





strongly weathered chlorite bearing gneiss, moderately veined by black (manganese) iron oxide

brown siliceous iron-oxide vein

dark grey weathered earthy rock

dark grey siliceous compact ore (iron-oxide dike)

outcrop

15m

15

85

strongly sheared and weathered gneiss pale brown, porphyritic appearance silicification and veining throughout

orange brown porous gossan-like rock

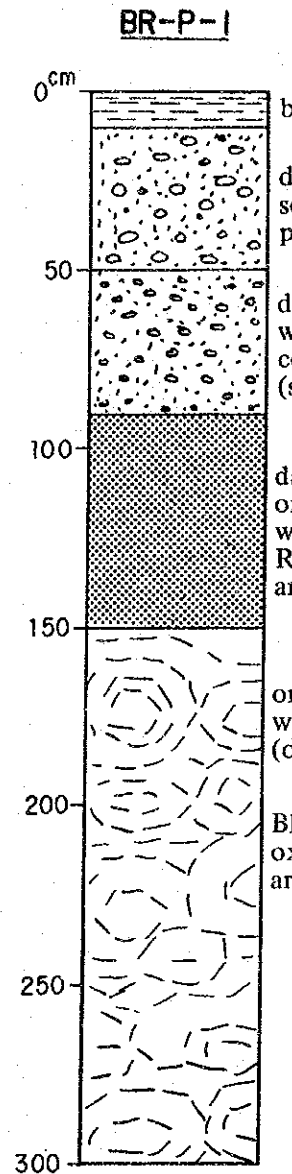
float zone of siliceous compact ore

colluvial slope covered with various floats

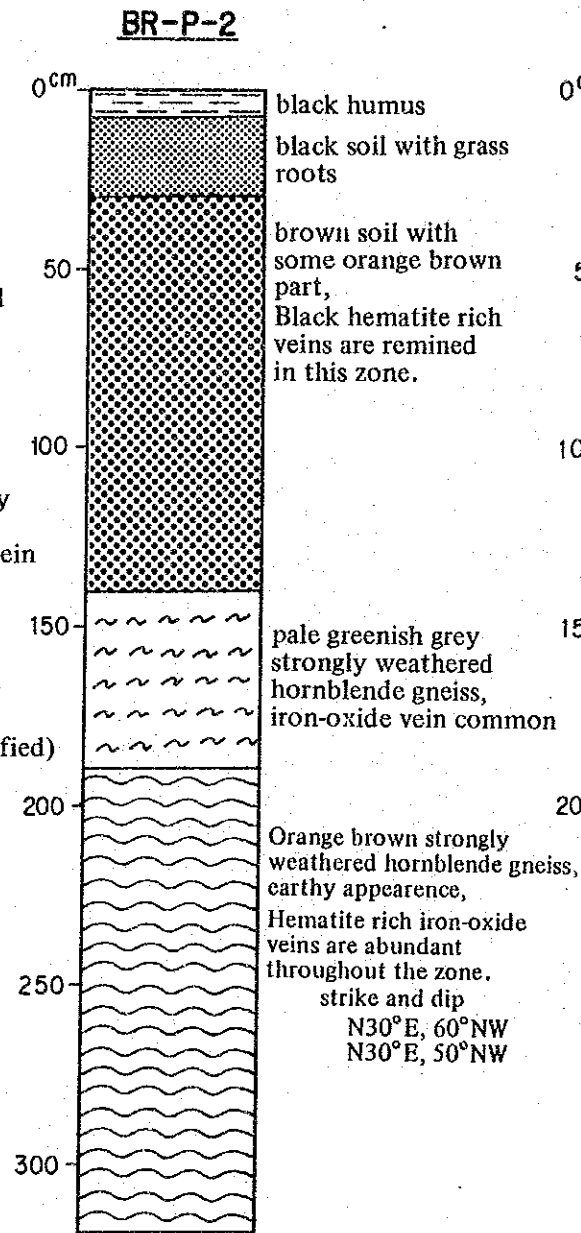
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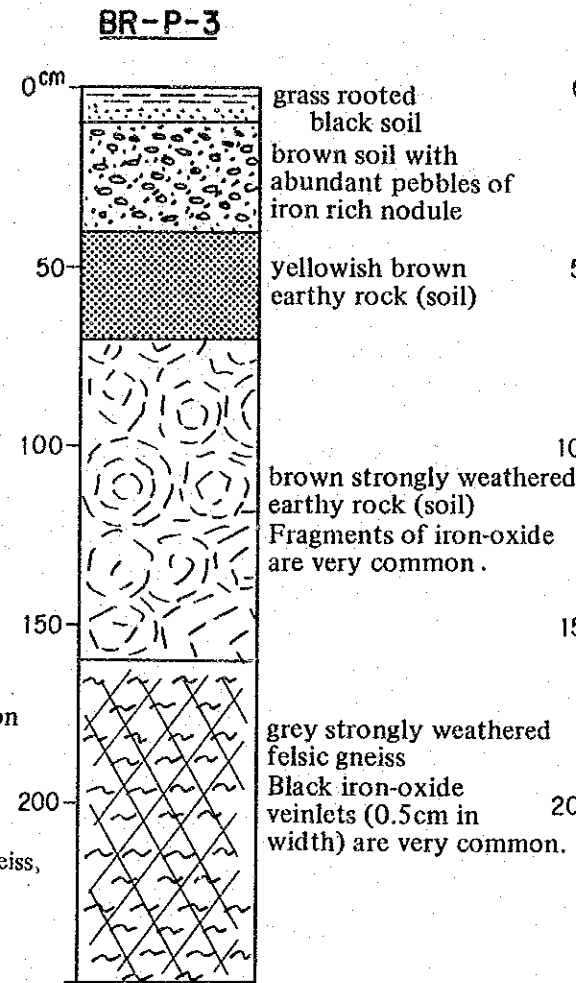




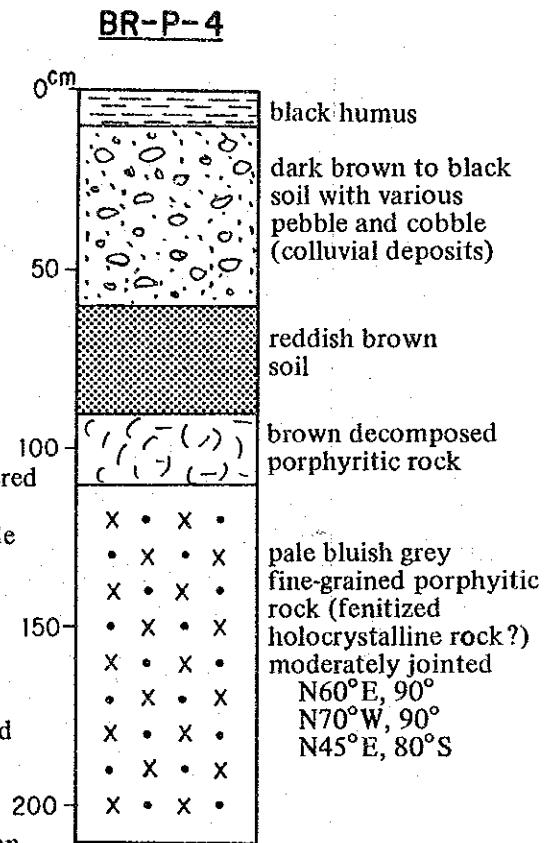
Location  
X: E 740.705  
Y: N 9,978.990  
Altitude  
1,332.0m



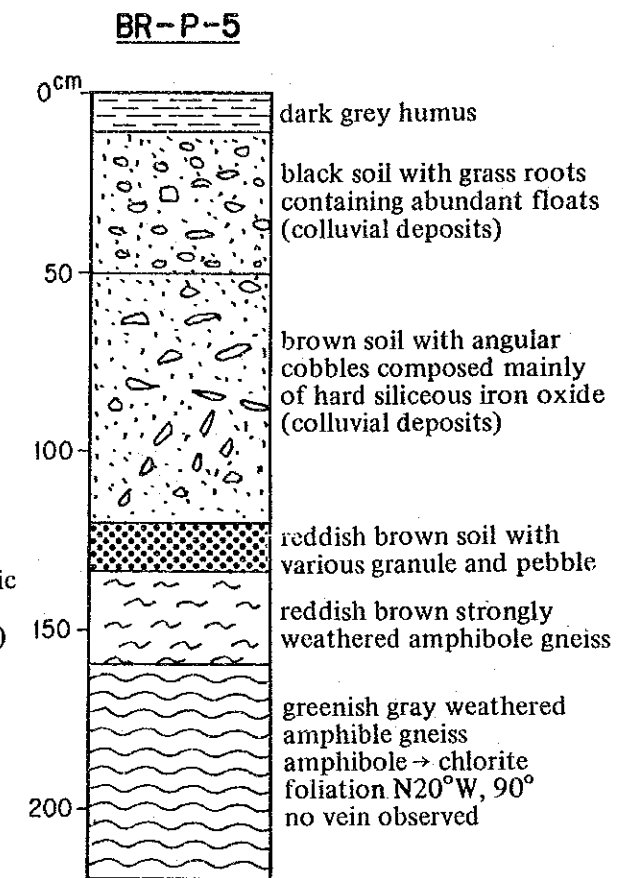
Location  
X: E 740.877  
Y: N 9,979.058  
Altitude  
1,317.5m



Location  
X: E 741.042  
Y: N 9,979.271  
Altitude  
1,329.0m



Location  
X: E 741.107  
Y: N 9,979.270  
Altitude  
1,305.0m

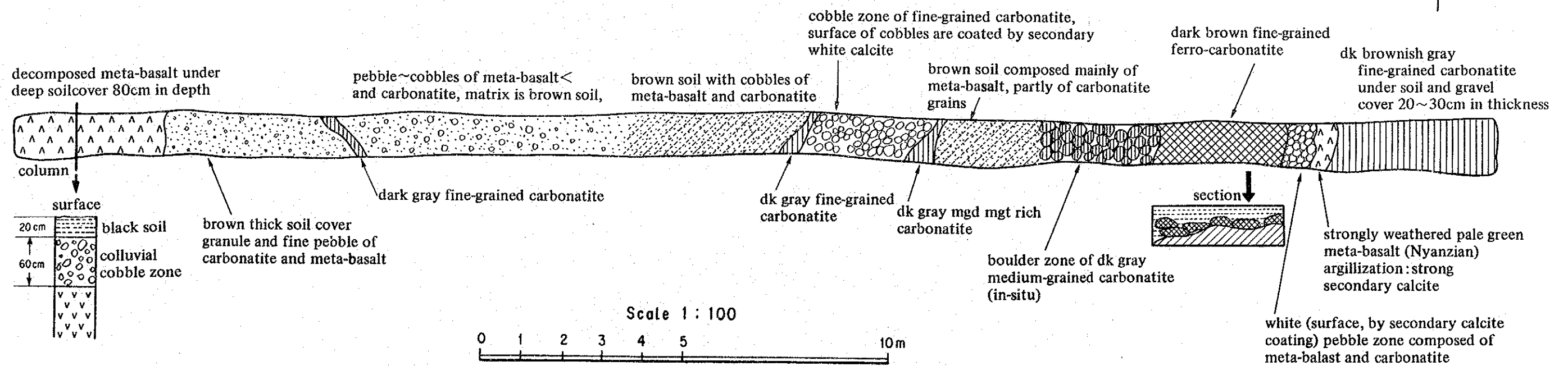
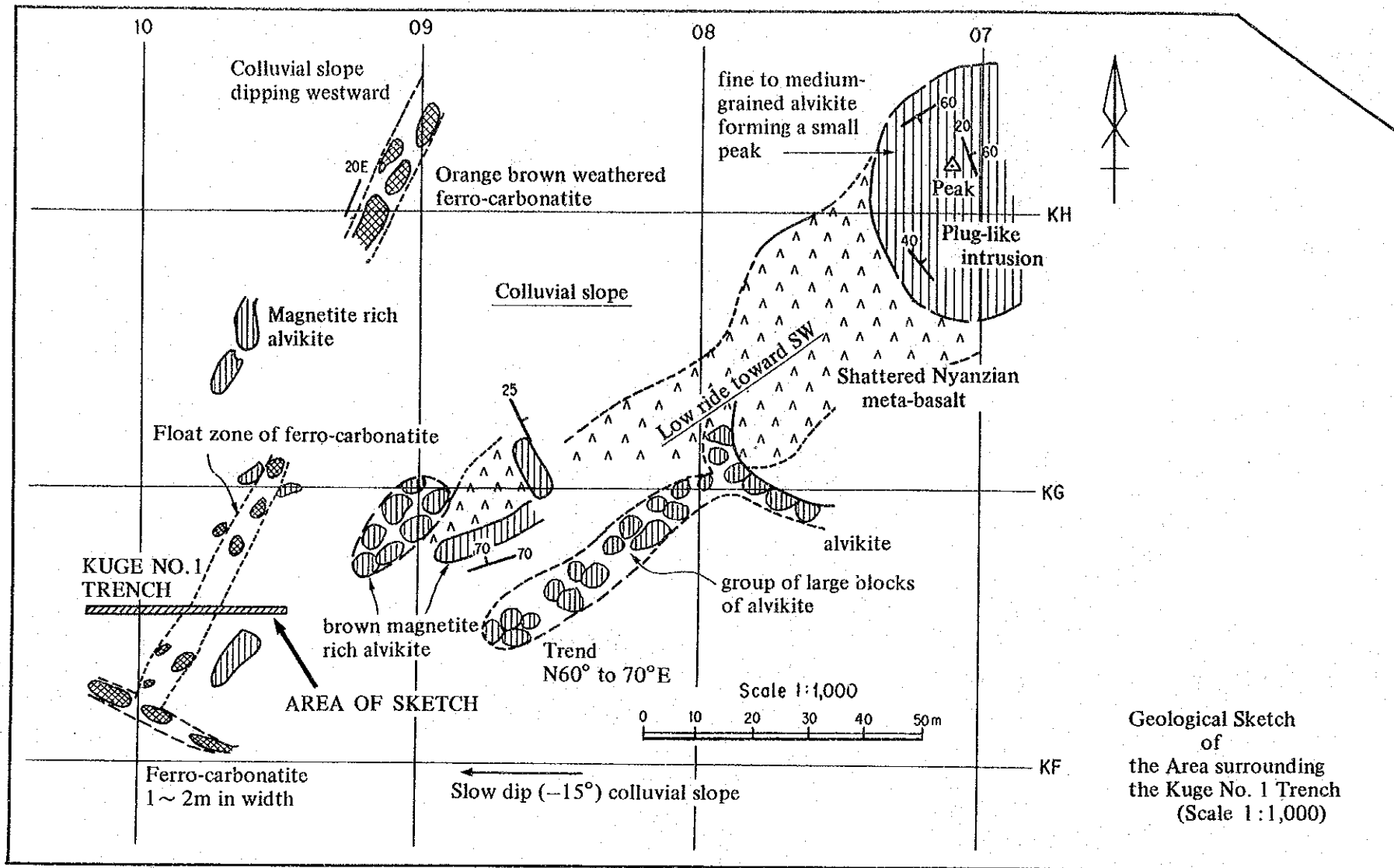


Location  
X: E 741.082  
Y: 9,979.397  
Altitude  
1,308.0m

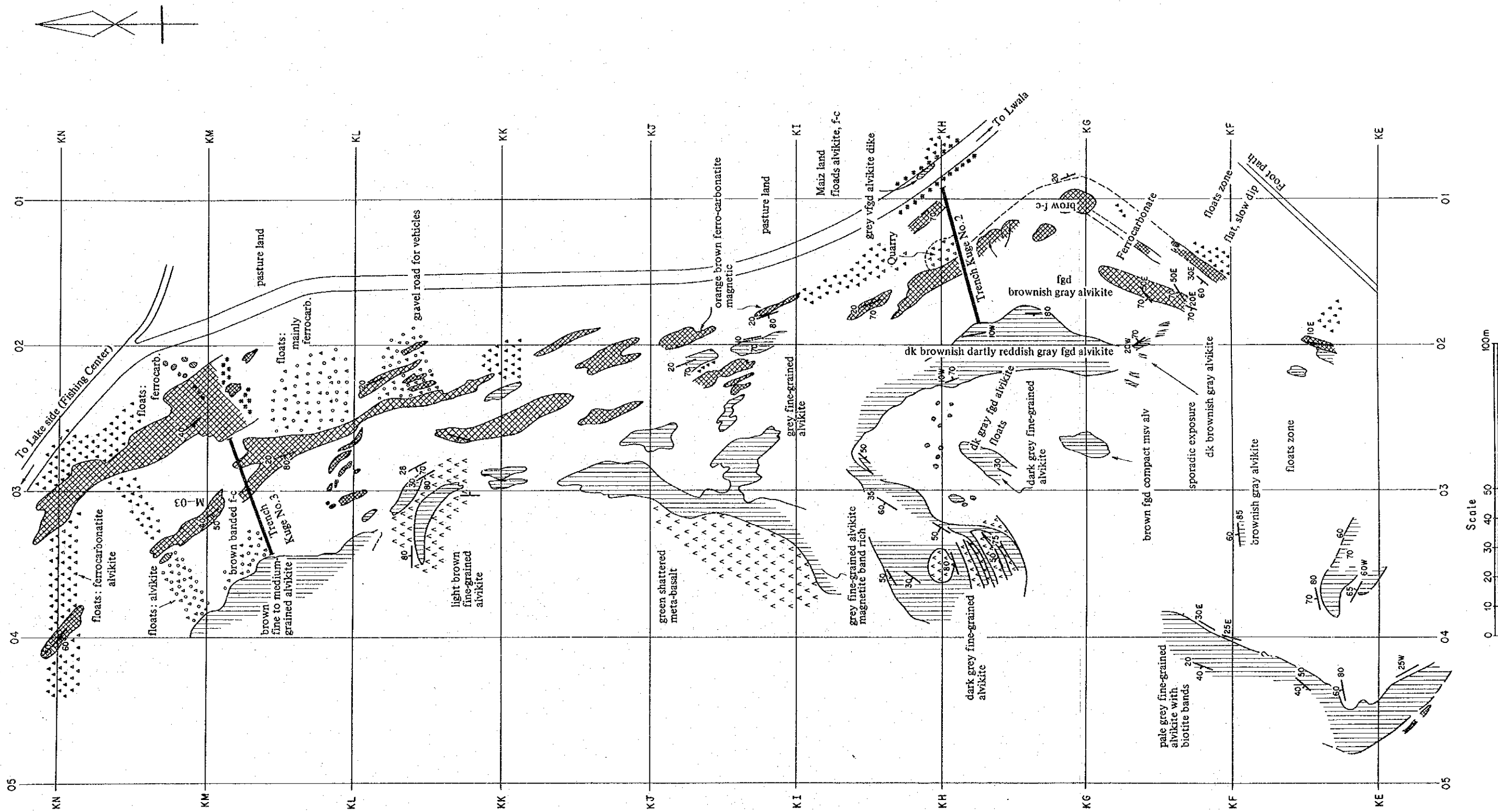
Scale 1:20 (Vertical scale)





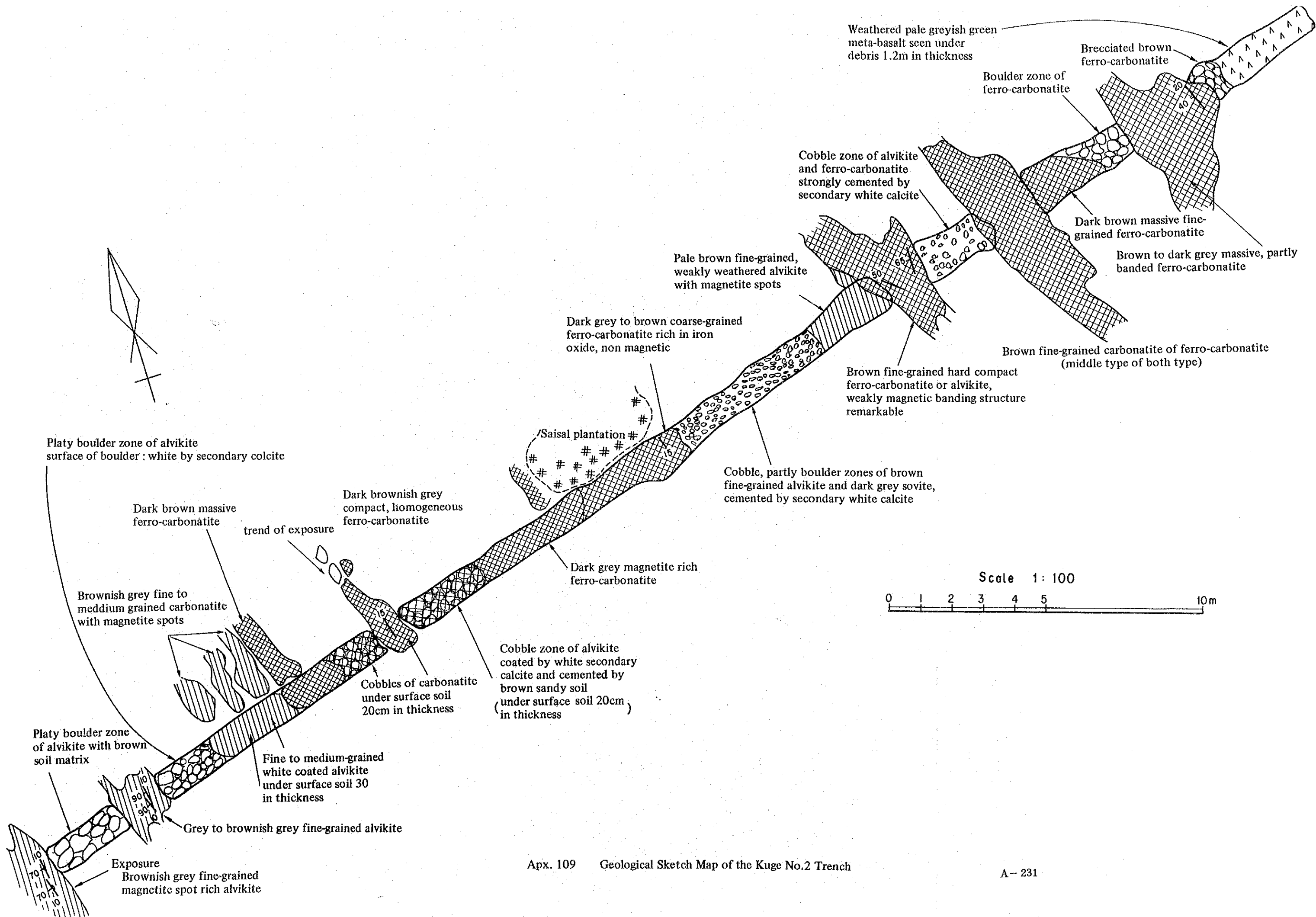






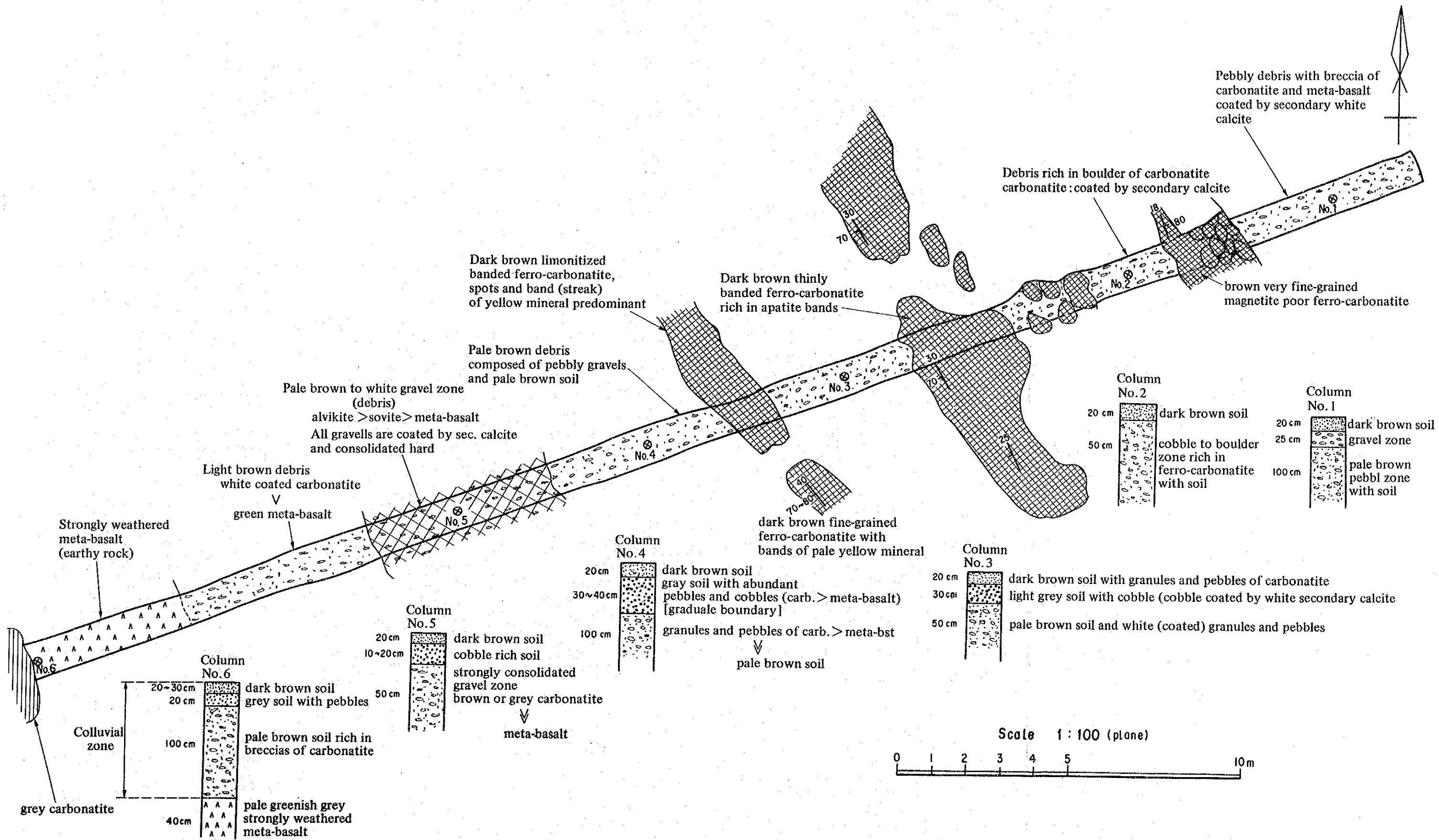
Apx. 108 Geological Sketch Map of the Ferrocyanite Zone in the Kuge Hill





Apx. 109 Geological Sketch Map of the Kuge No.2 Trench

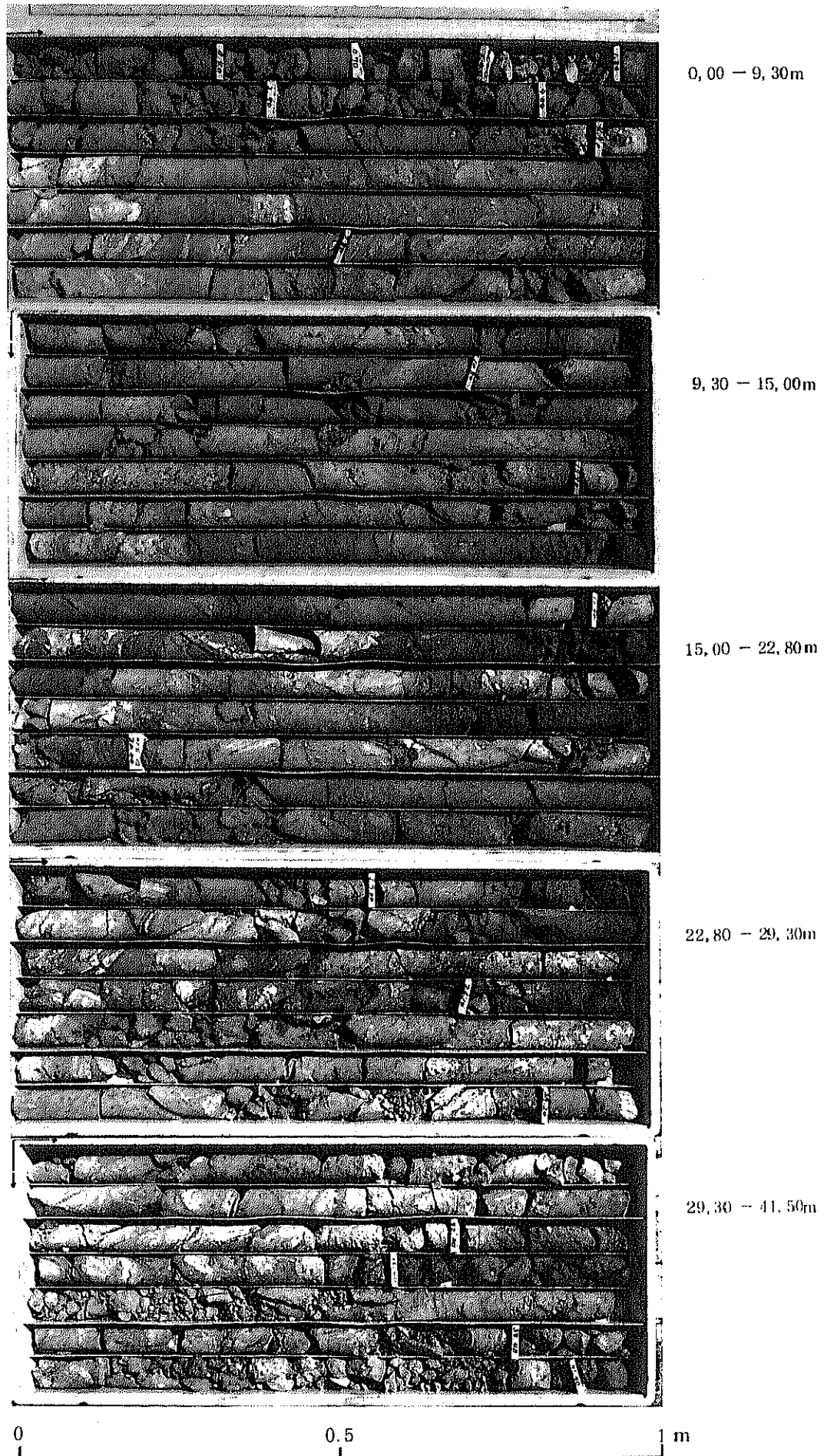




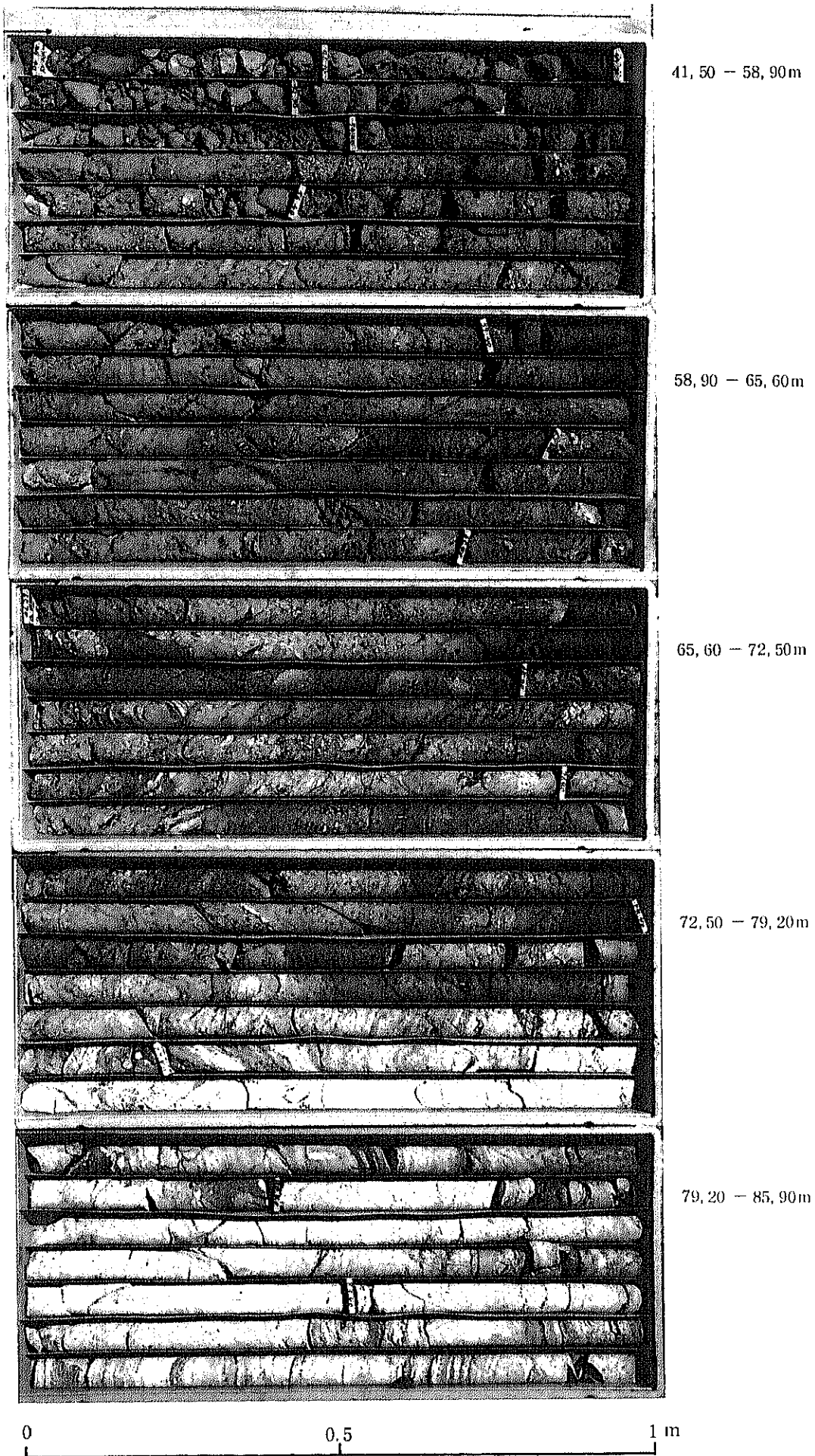




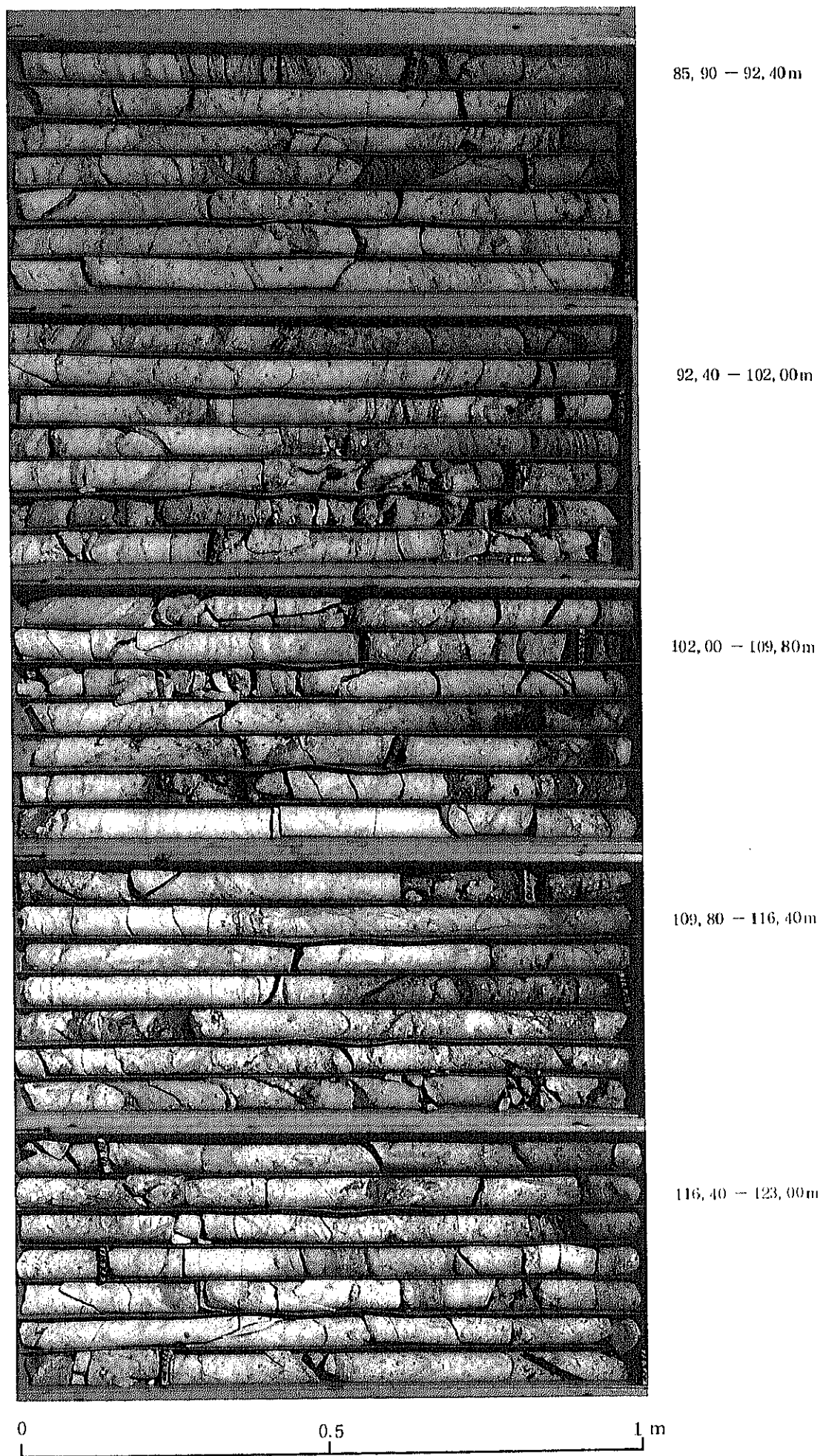
Apx. 111 Photographs of Boring Cores of BRL-1



Apx. 111 Photographs of Boring Cores of BRL-1

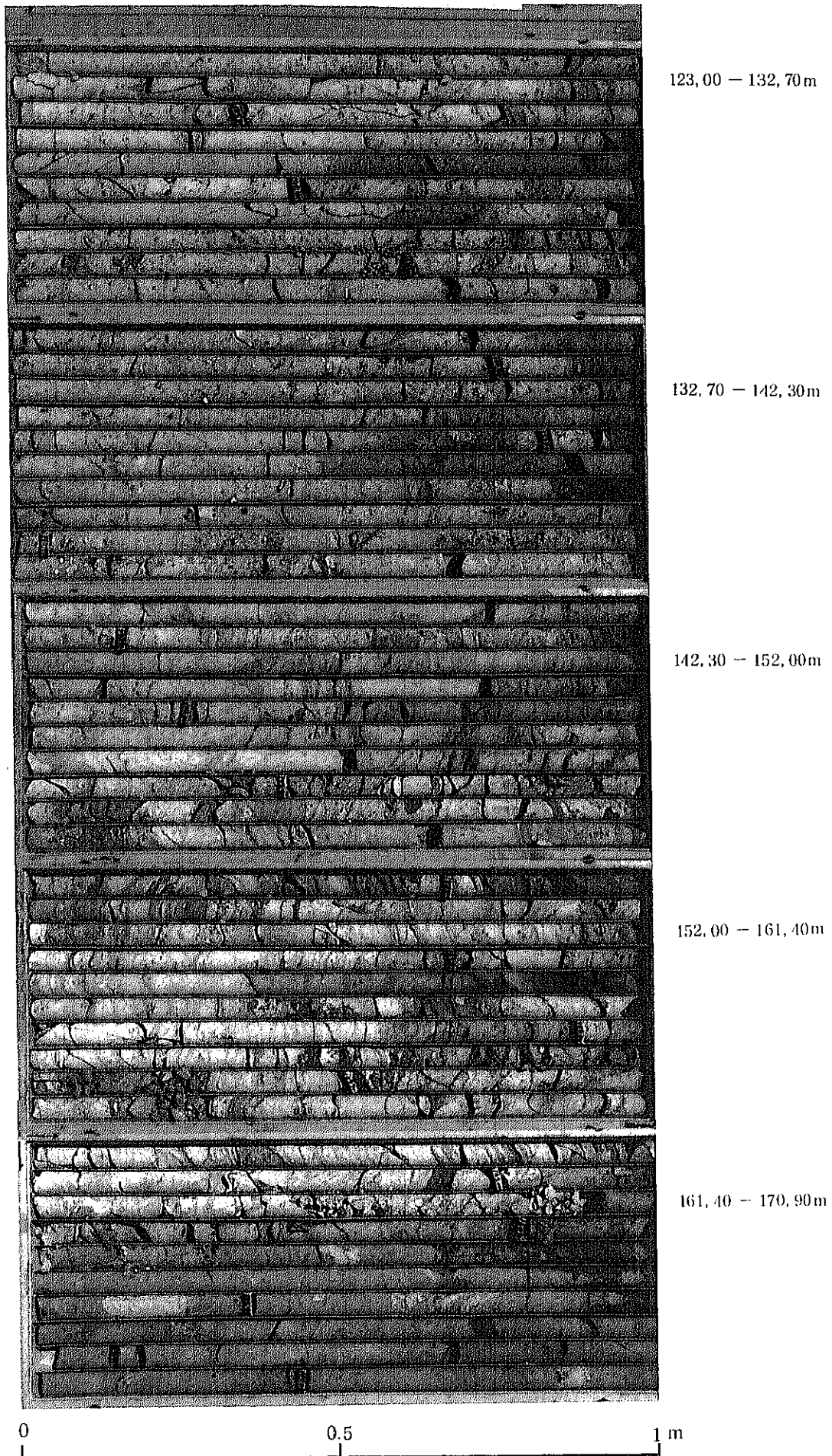


Аpx. 111 Photographs of Boring Cores of BRL--1





Apx. 111 Photographs of Boring Cores of BRL-1



Apx. 111 Photographs of Boring Cores of BRL-1

