CLIMATOLOGICAL DATA FOR THE PERIOD 1951-1975

Station MAE HONG SON Iudex Station 48 300 Latitude 19°18'N. Longitude 97°50'E.					He : He i He i	evation ight of ight of ight of ight of	baro ther: wind	meter momete vane a	above r abov	MSL. egrou	26 nd 1	7.26 m 917 m 1.50 m 5.00 m 068 m	eters eters eters
	Jan	Feb	Mar	Apr	May	Jun	Jnl	Aug	Sep	Oct	Nov	Dec	Үеаг
Pressure (+1000 or 900 mbs.)													
Mean		1182	0968	07.15	05.91	0404	0506	05.37					
Ext Max	2 5,7 5						14.51		07,01		1288	1407	09.15
Ext Min-	0427			97.47							2310		
Mean daily range	580		672		525	389	365		97.20	595	04,32		95,09
Temperature (C)					020	003	707	392	400	595	509	5.4 6	5.19
Mean	206	222	261	2 9.7	287	27.1	266	262	265	262	243		0.5.4
Mean Max.	298	328		37.7		31.8	309		31.6	32.0	243	21.4 295	254
Mean Min-	140	139	170	221		237	235	232	2 3.1	22.1	19.3	295	323 20.1
Ext Max-	345	37,0	395	424	414	394	36.0		3 5,5	3 5.4	352	33.9	20.1 424
Ext Min.	6 0	82	11,0	1 5.6	204	205	212		197	160	98	7.2	424
Relative Humidity (%)								- 0.0		10.	30	1.2	00
Mean	740	660	5 5.0	55.0	71.0	81.0	830	850	850	820	79.0	770	74.0
Mean Max	95.0	932	860	805	896	936	944	95.7	95.5	955	95.1	95.1	924
Mean Min.	426	325	266	305	493	65.3	69.0	71.2	686	639	563	49.4	52.1
Ext. Min.	17.0	140	11.0	130	220	410	480	430	4 5.0	420	330	29.0	11.0
Dew Point (°C)												1. 3,0	4 1.00
Mean	15.0	14.3	148	180	2 2.1	23,3	232	235	235	227	201	166	19.8
Evaporation (mm)													1 3.0
Mean - Piche	49.7	632	1067	1225	7 5.6	41.1	375	320	304	32.2	34.2	371	6622
— pan						No	Obser	vation					
Cloudiness (0-8)													
Mean	28	1.9	1.9	28	56	6.7	69	70	63	52	38	32	4.5
Visibility (Km)													
0700 L.S.T	15	41	32	5.1	96	90	84	7.8	7.3	51	2.9	1.6	55
Mean	97	88	51	6,7	11.3	1 0.3	98	96	102	10.5	106	10.2	94
Wind (Knots)													
Prevailing wind	E	E	E, S	S	S	S	S	S	5	S	E	E	-
Mean Wind Speed	1.2	18	2.4	29	23	19	20	1.7	1.4	11	10	1.0	-
Max. Wind Speed	4 0W	3 3 SW	54S	6 6W	6 0W	43S	335	33 ^S ssw	4 0NE	40NE	33E	18SE	-
Rainfall (mm)													
Mean	1 3.2	19	93	4 5.7	1781			2628	2199	963	30.4	9,0	1253 7
Mean rainy days	13	04	14	48	157	200	223	248	195	118	4.6	1.8	128,4
Greatest in 24 hr	41.0	14.7	345	514	98,1		110.7	94,8	130.4	1 9 8,7	621	30,4	1364
Day/Year Number of days with	10/75	13/56	30/58	24/64	31/68	6/73	25/59	17/66	7/56	27/65	6/72	11/75	7/56
Haze													
Hog	12.8	226	27.7	222	29	1.2	01	02	1.9	5.3	50		109.9
Hail	267	115	1.7	0.1	03	0.1	04	0.5	36	1 2.4	20.9		104.4
	00	0.0	0.1	01	0.0	0.0	0.0	0.0	0,0	00	0.0	0.0	0.2
Thunderstorm Squall	06 00	06	25	85	148	7.2	49	5.5	108	95	2.1	04	675
544611	ψü	UΟ	0.0	01	01	00	01	00	00	00	00	0.0	03

Remark : 1 Pressure 1955 - 1975

2. Ext Min. Temperature 1954 - 1975

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Station CHIANG MAI					Ele	ovation	10[8	tation	above	MSL.	31	313 m	eters
Index Station 48 327					He	ight of	f baro	meter	above .	MS L	31	412 m	eters
Latitude 18°47' N.					He	ight of	f ther	momete	r abov	re grou	ind	1.22 m	eters
Longitude 98°59'E.								vane a				5.00 m	eters
						ight of						080 m	
								b u -				000 14	00010
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Pressure (+1000 or 900 mds.)													
Mean	14.21	1 1,5 7	0940	0733	0 5.8 7	0470	04.86	05.12	07.52	1078	1331	1472	09,68
Ext. Max.	27.10	2430	2140	1810	1420	12.10	1 3.1 0	1310	1630	1900	2300	2470	27.1 0
Ext. Min	0420				9690							0390	
Mean daily	659	7.10	7.1 1	687	583	469	445	464	5.20				
Temperature (°C)												• • •	5.5
Mean	200	222	2 5,6	28,3	280	27.1	267	262	262	255	234	206	250
Mean Max.	29,0	321	349	362	341	322	314	307	310	30.9			
Mean Min-	130	138	17.2	21.1	232	236	23.3	232	228				
Ext. Max.	34.7	3 7.3	396	4 1.5	41.4	37.9	364	3 5.4	34.7	35.3			4 1.5
Ext. Min-	37	7.3	100	132	196	191	21.1	200	193	133		5.0	37
Relative Humidity (%)													
Mean	740	65.0	580	600	720	79.0	800	84,0	84.0	820	800	77.0	75.0
Mean Max-	94.9	908	838	830	899	930	934	94.7	950	9 5.1	951	952	920
Mean Min-	430	328	301	366	511	608	627	669	653	606	546	488	51.1
Ext. Min.	19,0	120	9,0	1 5,0	220	4 0.0	410	480	460	320	300	300	90
Dew Point ('C)									-				5.0
Mean	146	14.1	155	191	220	233	228	230	228	21.9	1 9.3	1 5.9	195
Evaporation (mm)													
Mean — piche	746	1032	1510	1558	101.4	664	61.9	4 9.2	494	560	566	630	9885
- pan	1084	137.0	180.6	197.2	1762	136.7	128.5	117.8	1264	1291	1044		1642.0
Cloudiness (0-8)													
Mean	26	20	22	33	56	66	69	7.1	6.4	5.2	39	33	46
Visibility (Im)													
0700 L.S.T	54	49	39	5,3	1 0.2	11.5	1 1.5	108	1 0.2	82	68	58	7.9
Mean	83	72	58	7.0	11.2	121	11.9	11.4	116	113	108	9.7	99
Wind (Knots)												•	•••
Prevailing wind	S	S	S	S	S	S	S	S	S	N	N	N	-
Mean Wind Speed	19	24	29	3.6	35	31	2.7	24	24	2.2	18	17	_
Max Wind Speed	45N	54W	54S	63SE	60SE	13wsw	38ws₩	56N	52N	34E	30NE		_
Rainfall (mm)													
Mean	108	7.2	202	511	1620	1523	1724	2489	2623	128.1	400	15.6	1270 9
Mean rainy days	1.5	0,9	2.2	55	154	17.4	197	233	182	112	5.0		1225
Greatest in 24 hr	3 3,7	47.7	69.8	780	1133	96.3	79.5	1665	1316	144.9	61.6		1665
Day/Year	26/51	18/53	23/70	29/57	20/70	7/53	30/70	14/68	23/67	8/54		23/61	
Number of days with													
Haze	27.9	276	303	264	7.5	05	0.5	05	21	89	14.2	205	1669
Fog	66	45	49	4.6	25	02	0,0	01	03	36	90	98	4,6.2
Hail	0.0	0.0	01	02	0.0	0.0	00	0.0	0.0	00	0.0	00	03
												•••	
Thunderstorm	04	06	39	112	20.2	9.8	100	113	14.1	96	16	0.3	930

Remark : Temperature 1952 - 1975

Evaporation 1965 - 1975

Station CHIAN	G RAI	Elevation of	st
Index Station	48 303	Height of ba	ron.
Latitude	19° 53' N	Height of th	erm
Longitude	90° 50' E.	Height of wi	nd
		Height of ra	ing.

	Jan	Feb	Mar	Apr	May	Jun	Jul		
Pressur (+1000 or 900 mbs.)									
Mean	1503	1207	1.001	0786	0616	04.58	0173		
Ext. Max		24,11		21.11			1462		
Ext. Min	0379		9756						
Mean daily range	668	7.28	7.41	6.90	5.69	4.4.8	4.36		
Temperature (C)	040	1.20		0.50	2.0 2	474.0	4.00		
Mean	196	218	24.7	27,5	27,6	27.1	267		
Mean Max.	27.5	30,7	332	350	335	316	309		
Mean Min-	118	126	1 5.6	195	219	228	227		
Ext. Max.	321	348	380	413	41.2	380	386		
Ext. Min.	1.5	65	96	114	17.6	185	190		
Relative Humidity (%)									
Mean	77.0	69.0	64.0	640	740	800	820		
Mean Max	960	942	91.1	861	929	945	949		
Mean Min.	498	392	363	396	54.5	64.0	665		
Ext Min	180	1 3,0	130	130	21.0	410	450		
Dew Point (C)									
Mean	148	149	166	192	221	233	232		
Evaporation (##)									
Mean - piche	47.0	618	873	1063	77.2	5 1.5	47.0		
— pan	108.2	1343	171.7	2023	166.7	125.4	112.2		
Cloudiness (0-8)									
Mean	31	24	28	38	55	65	67		
Visibillity (Km)									
0700 L.S.T.	35	47	3.1	4.6	9,5	102	9.3		
Mean	76	65	38	55	108	108	1 0.1		
Wind (Knots)									
Prevailling wind	E	S	S	S	S	S	S		
Mean Wind Speed	24	28	30	4.0	41	38	36		
Max. Wind Speed	30N	44N	47 ^{SE.Nw}	55N	63NW	4 0W	50SW		
Rainfall (22)									
Mean	17.8	7,1	29.5	762	2171	2500	299,7		
Mean rainy days	21	1.2	34	84	161	189	213		
Greatest in 24 hr	601	24.4	108.2	70.4	90,4	129,3	100,4		
Day/Year	30/58	26/63	23/70	5/70					
Number of days with									
Haze	17,8	248	295	238	32	01	0.0		
Fog	1 7.7	6.9	47	1.2	04	02	02		
Ha il	00	0,1	03	07	02	00	00		
Thunderstorm	07	0,7	38	1 0.2	186	1 7.0	14.8		
Squall	0.1	01	02	09	08	03	03		
	Rem	ark ·	Eva	poralic	n : 1.	Piche	1957 -	-	
							1001		

2 Pan 1961 -

CAL DATA FOR THE PERIOD 1951-1975

						above 1			313 me	
		Heı	ght of	barom	eter a	bove N	IS L.	314	1.12 me	ters
		Hei	ght of	therm	omete	r above	e grou	nd J	122 me	ters
		Hei	ght of	wind	vane a	bove g	round	15	i.00 me	ters
		Hei	ght of	raing	auge			().80 me	ters
Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0 9,4 0	07,33	0587	0470	0486	05.12	07.52	1078	1331	1472	0968
21.4 0	1810	1 4.2 0	1210	1310	1 3.1 0	1630	1900	2300	24.70	27.1 0
99.40	9670	9690	95,30	9490	9 5.1 0	96,90	01.30	04,10	03,90	9490
7.11	6,87	583	469	4.4 5	4.6 4	5.2 0	5.4 1	556	608	5.7 9
2 5.6	283	280	271	26.7	2 6.2	262	25.5	2 3.4	206	25.0
34.9		34.1	32.2	31.4	307	31.0	309	29.8	28.5	31.8
172		232	236	233	232	22.8	216	186	147	19.7
396		414	379	364	354	347	353	337	33.5	41.5
100	132	196	191	21.1	200	1 9,3	1 3.3	60	50	3.7
580	600	720	790	800	840	840	82.0	80.0	77.0	75.0
838	830	899	93.0	934	947	950	9 5.1	95.1	952	9 2.0
301	366	5 1.1	608	6 2.7	669	653	60,6	546	48.8	51.1
9 0	150	220	400	4 1.0	480	4 6.0	320	300	300	9.0
15.5	1 9,1	220	233	228	230	228	219	1 9,3	1 5.9	1 9.5
510	1558	101.4	664	6 1.9	492	49.4	560	566	630	988.5
806			1367			1264	1291			1642.0
	1 - 110		100.							10120
22	3,3	56	66	69	71	64	5 2	39	33	46
39	53	102	11.5	11.5	108	10.2	8.2	68	58	79
58		112	1 2.1	119	11.4	1 1.6	1 1.3	10.8	9.7	9.9
S	S	S	S	S	s	S	N	N	N	_
- 29	36	35	3.1	27	24	2.4	22	18	1.7	-
54 S	63SE	60SE	13wsw		56N	5 2 N		30NE		-
202	5 1.1	1620	1523	172.4	2489	262.3	128.1	400	156	1270 9
2.2	5,5	154	17.4	197	233	182	11.2	5.0	2.2	122.5
69.8		1133	963		1665		1449	61.6	75.0	1665
1/70	29/57	20/70	7⁄53	30/70	14/68	23/67	8/54	27/53	23/61	14/68
303	26.4	75	05	05	05	21	8.9	1 4.2	205	1669
49	4.6	25	02	0.0	0.1	03	36	90	98	4,6.2
0.1	0.2	0.0	0.0	00	0.0	0.0	0.0	0.0	0 0	0,3
39	1 1.2	20.2	98	100	113	141	96	16	03	930
0.0	03	0 0	0 0	0.0	0 0	0 0	0.0	0 0	0.0	0.3
етр	eratur	e 1952	- 197	5						
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CLIMATOLOGICAL DATA FOR THE PERIOD 1951-1975

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Station CHIANG RAI Index Station 48 303									above			.28 me	
Latitude 19°53' N.									above			i03 me	
									r abov		nd 1	25 me	ters
Longitude 90°50'E.									bove g	round	13	00 me	ters
					Hei	ght of	raing	auge			0	60 me	ters
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yeay
Pressur (+1000 or 900 mbs.)													
Mean	1503	1207	0994	07.86	0616	0458	04.73	04.99	07.46	1154	1428	1587	09.54
Ext. Max	2 9.7 3	24.11	25.31	21.14					1808		25.50		
Ext. Min	0379	9940	97.56						96.38			0252	
Mean daily range	668	7,28	7.4 1	690		448	436	4.47	503	519	365	596	5.78
Temperature (C)											0.0		0.10
Mean	196	21.8	24.7	27.5	27.6	27.1	267	262	262	251	227	196	24,6
Mean Max.	27.5	307	33.2	35.0	335	31.6	309	303		30.1	286	26,6	
Mean Min.	118	126	15.6	195	219	228	227	225	221	203	17.1	13,3	1 8.5
Ext. Max.	321	348	38.0	41.3	4 1.2	380	386	35.2	37.0	350	336	31.7	413
Ext. Min.	15	65	96	11.4	17,6	1 8,5	1 9.0	185	183	11.6	50	28	1.5
Relative Humidity (%)										• •••	•••		1.0
Mean	77.0	69.0	640	64.0	740	800	820	850	830	81,0	800	80.0	760
Mean Max.	960	942	91.1	861	929	945	949	957	95.8	959	964	96.4	942
Mean Min.	498	392	36.3	396	545	64.0	665	69.4	666	626	585	550	552
Ext. Min	180	130	13.0	130	210	4 1.0	4 5.0	450	37.0	310	310	260	1 3.0
Dew Point (C)													10.0
Mean	148	149	166	192	221	233	232	233	230	215	188	1 5.6	19.7
Evaporation (mm)													
Mean-piche	47.0	61.8	873	1063	772	515	470	408	407	4 3.4	404	41.4	684,8
- pan	1082	1343	171.7	2023	166,7	1254	1122	948	107.5	117.0	1056	101.7	
Cloudiness (0-8)													
Mean	31	24	28	38	55	65	6.7	68	60	49	40	25	47
Visıbillity (Am)													
0700 L.S.T.	35	4.7	31	46	95	102	93	83	8.1	6,3	49	3.1	6.3
Mean	76	65	38	5.5	108	108	101	9.5	10.4	10,2	9.8	83	8.6
Wind (Knots)													
Prevailling wind	E	S	S	S	S	S	S	S	S	N	E	E	_
Mean Wind Speed	2.4	28	30	40	41	38	36	33	33	3,1	27	24	-
Max. Wind Speed	30N	44N	47 ^{5 E.Nw}	55N	63NW	4 0W	50SW	33S	35 S	3 0 N	30SE	33S	-
Rainfall (25)													
Mean	17.8	7,1	295	762	217.1	2500	2997	4425	2635	1294	41.2	21.1	1795.1
Mean rainy days	21	1.2	3,4	84	161	189	213	237	17.3	109	46	27	1306
Greatest in 24 hr	601		1082	704	90.4	1293	1004	1344	117.2	1069	721	57.8	1344
Day/Year	30/58	26/63	23/70	5/70									
Number of days with													
Haze	178	248	295	238	3.2	0,1	00	01	0.7	49	6.9	131	1249
Fog	17.7	69	4.7	1.2	04	0.2	02	0,4	26	9.9	146	202	77.0
Hail	00	01	03	0.7	0.2	0 0	00	01	0.0	0,4	00	0.0	1.8
Thunderstorm	0.7	0.7	38	102	186	1 7.0	148	1 5.9	138	7.2	1.6	04	104.7
Squall	01	01	02	09	08	03	03	02	0.4	01	01	0.1	3.6
	Rem	ark:	Evap	oora lio	n: 1.	Piche	1957 -	- 1975					
						-							

2. Pan 1961 - 1975

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2 GEOLOGY

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LIST OF CORE DRILLING

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Remarks	*	*	*	*	*	*		
Length of Hole (m)	200.0	200.0	200.0	56.0 (not completed)	140.0	150.0	65.0	24.0
Direction of Hole	°06	°06	°06	°06	45°	°06	°06	°06
Coordinate	E. 397,644.3813 N.2,140,218.3685	E. 397,575.46 N.2,140,564.47	E. 397,526.53 N.2,140,759.47		E. 443,832.620 N.2,014,696.427		E. 443,874.507 N.2,014,399.53	E. 444,595,389 N.2,014,562.147
Elevation of Top of Hole (m)	446.217	228.963	387.794	480	332.807	480	464.404	343.373
Location	Damsite	Damsite	Damsite	Damsite	Damsite	Damsite	Intake	Powerhouse
Hole No.	DH-1	DH-2	DH-3	DMC5-1	DMC5-2	DMC5-3	DMC5-4	DMC5-5
	9.0	N IVA	AAF		S.ON	H¥EW	WAE C	

* Water pressure test hole

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			<u>i Na E</u>			JEO						<u>of 10)</u>	- 10.70
			Da <u>m A</u>	xis. Left		itme	<u>i</u> nt	DE		<u>m 00</u>	COMMENCED	<u>Jun (</u>	<u> </u>
ELE	VATI	ÓN	F.3	446.2	117 - Ell	<u>,</u>	<u>י</u>	-		<u>1.2</u> m	COMPLETED		
				4 <u>6,218</u> ,38			-		NGTH OF ROCK DRILLING 196		DRILLED BY	<u>N.E.</u>	
				ZONTAL		<u>90</u>	-			<u>4</u> m	LOGGED BY	<u>K Ishii</u>	(awa
BEA	RING	S OF	ANGL	E HOLE	_		-	co	RE RECOVERY 98	<u>3.7 %</u>			~
	μ		RY	<u>ح</u> مية					RVATION OF CORE	WATER	τ ΑΒΙΕ1Λ		ъ I
DEPTH	ROCK NAME	00	CORE	CEMENTA TION KIND OF BIT CASING	Б,	Ξÿ	ESS ESS	₩Ę	DESCRIPTION	\$	PRESSURE TEST	DEPTH	ELEVATION
ŏ	Q Q	<u>ا</u> م	0 22	S TE	COLOR	Ϋ́,	HARD. NESS	CORE	DESCRIPTION	1	E OF DRILLING WATE		E
	_		0 → 100			3			······································		LUGEON	40 Om	<u></u>
			ห์ผงกา						0.0 ~ 1.2m	<u>ו וו</u>		r -ïi-t	`
	ŝ	Δ	INNN				Į.		Talus deposit.			ունունունուն, որունուն, որունուն, որունուն, որունուն, որունուն, որունուն, որունուն, որունուն, որունուն, որունո	1
1-	0	Δ								134		투미	
			1 <u>11111</u>				{	3	1.2 ~ 4.00m.	(e/min)			}
2-			¥#III				ſ	4	Weathered and cracky.			E-2	
			144111			3	3	2	Cracks stained.				
3			[[[]]]		Σ,			3		 -¹- - -	╺┽┽┤╎╎┼╋╡┤	<u>⊢</u> €-3	
			<u>]</u> [[[[[[]		grey			ž	Somewhat loose.				
					ŧ			4			34	-4	
			1777		light		2	2	4.00~9.00m	1 (2	/mini	Ē	
	_		HHHH					2	Slightly weathered.			<u> </u>	
5-1	Quartzite		a muu		br ownish								
	t		1		Ň	z	3	3	Cracks stained,	<u> </u>	└┼┼┼┼┼┿┿┽┤		
6	3		äIIII		20							E 6	
	G		⋬╫╫				2	2				6 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	
7		\propto	HHH			├──	t—		700∾ 8 40m	1	148	E7	
		\bigotimes				5	5	5	Fine grained core.		(2/min)		
8-	ł	XX	11600		Pate brw.		ľ	Ĩ	Sheared zone,			E 8	
		\approx	INHA		<u>a - 1</u>		3	├		1			
9		آينہ	ЩШ					3	8.40 ~ 20.00m		<u>_<u></u>┦╹<u></u>┤┤<u></u>┥┤┼</u>	-E 9	
		~~	圳圳川				Į						
10-		ارب	1111						Included greenish patch.			EIO	
		\sim	HHH					z	Bedding plane dips IO°		16.4		
		• •	HH1								(⊉/miin)	1 E.	
		\sim	71IIII	1)		~20°			E	
			HIII		Y		·	3	Slightly weathered.			E,	}
2-	te te		腳	}	grey				Cracks stained.			Ē	[[
		\sim	11111		~			1	CIUCKS STUTIER.			E.	
3-1	, Di	\sim	細間		ght			4			68	E 3	
	Ā	$\sim \cdot$	11111		li ç	2	2				(e/min	りを	
4-		\sim	24111				1	3		1 1 1		Ē4]]
		\sim	84111		sh							Ē	
5-		\sim	HAH		enish							E-5]]
		\sim	HH		gree							<u> </u>	
6-		\sim			6			2			21.0	\$ <u>-</u> 6	
		\sim	#HAII					5			(4/m	lin)Ĕ	
			机机			ł	Į –	-					
			#####									E	1
			HH	ļ			}			┝╌┼╼┲┽╴	╶┼╶┼╌┼═┽┸╴	E-8	
8-7			HHH					2				Ē	
		\sim	HHII	l I			ļ		1	247			
9-1		\sim	######			1		3		(Pm c	x 7 30kg /m²	2) E ⁻⁹	
		$\tilde{\cdot}$	######	l i		ļ	Ł	2				1 20	
20 -		لى	N N	ل <u></u> ـــــــــــــــــــــــــــــــــ	L	L	1	4	► dritter's note 4	<u>, i T. L.T. i.</u>	<u> </u>	<u>. r 20</u>	L
			8 8			I	ĺ	1,6	lick), 2 (subsich), 3 (prece), 4 (fragment), 5 grain	n			
		i	w kb	– core losa			1		- 5 (soli)				
			Ł	- RQD		10	fresh)	~ 5(d	ecomposed}				

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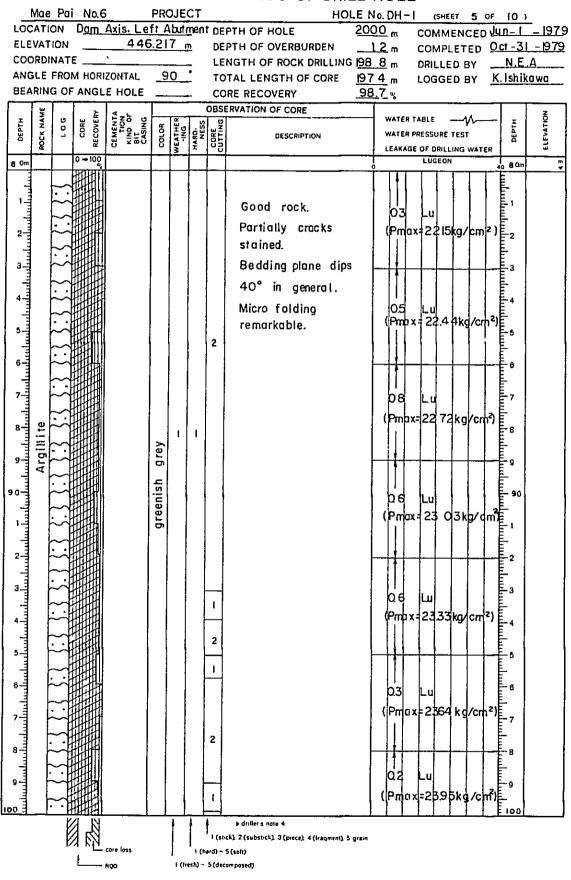
		n . '		~				UC.	IC LOG OF DRILL					
			No.6		_	JEC	_			the second s	(SHEET 2)	1070
			D <u>am A</u>	xis Left	_		-			<u>m 00</u>	COMMENCE	<u>-040-</u>		1979
ELE			- F	446.21 397 644 140.21 8		1 <u>3 "</u>	1		PTH OF OVERBURDEN	<u>l.2</u> m	COMPLETE		<u> </u>	919
				ZONTAL	_) O (<u>ao</u> m 74m	DRILLED BY		<u>L. A</u> hikaw	<u> </u>
				E HOLE	<u> </u>	<u> </u>	-			<u>8.7</u> %	LOGGED BY	<u></u>	III KUW	<u>u</u>
									RE RECOVERT		···· ·····	<u> </u>		
Ŧ	ROCK NAME	9	RE FERY	Y Sp S	~	ŝ		_		WATER	TABLE	2		ELEVATION
DEPTH	ž,	ΓO	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER	HARD. NESS	CORE	DESCRIPTION	WATER	PRESSURE TEST			Υ.
	8			0 2 - 0		WE	Ì.	чS С		LEAKAG	E OF DRILLING W			-
2 0m			0 100 2014							- 	LUGEON	40 Z	Om	
		\square						3	2 0 00~28.00m			I E		
1-1		L.	HHL						0111	-+++	┼┑╎╶┝╸╎	- <u>+</u> -[-,		1
1			HHH						Siliceous.			L E		ļ
2-		К			s h)				Included greenish	170	Lu		:	
	1	\sim	#####		browni s h)				patch.		x= 963kg/a	;m²}Ē		
3-		~	11111		Srd				Bedding plane dips			E 3	,] _	
		~	#####		{ [10~2 <i>0</i> °.					
4-1	. 1	\sim	444		ey	3	-	} '	Weathered, Crocks		╌┝╼╞	╧		
	i	\sim	HHH		grey				stained.					
5		~	11111		ish					47		=		
		\sim			greenish						ıx=9 991 g∕c	_i,₽		
6-			11111		Ъ		2	г				"['Ĕe	. [
1		\sim	HHH									I F		
7-	ĺ	\sim	HHH								╺┥╴┼╺┼╺┼	╶┤╴┋╴	,	
	ഖ	\sim												1
8	illit	Ż	19441							- 1		լիսիս	3	
	. E	\sim	11111					ļ	28.00~32.20 m	12.0) Լով	ΙE	•	
9-	A	i	11111						Slightly weathered.	(Prote	ax=10.42kg	/cjmን <u>F</u> ,		
		\sim	144A						Cracks stained.			₽		
30-		لمخا	911111			5			Channel		┥┤╾┼╺┼	╧	30	- 1
	į	\sim			1				Sheared zone at 3180			<u>E</u> -		
11	l		ШЩ		rey				∿32.20m.	liola	3 Lu	սեսու	1	1
		~	HHIII		gr							니 티		
2-		\mathbf{X}			-	4	4	4			3x=10.76kg	/0107-12	2	- 1
		\sim			eenish			3	32.20 - 37.80m	ר		┦┣		
3-		اجم	#####					ļ	Slightly weathered.		╶┥╾┧╴┟╍╅	╶┼╴┋╴	3	
		\sim	拥拥		gr			İ I	Cracks stained.	8	ш	1 -		
4		~	HHH)							(Pm)	x=13.12kg/	′c/ h ²)Ĕ	4	
		\sim	444)	Generally hard and			ÌÈ	1	
5			11111			z	2	2	not so cracky-				5	
		\sim	11111			-	-	-	Good rock.			1 🗄		
6-		لمنه								92	Lu 1x=1330kg/		6	
		\sim	HHH					[(Pmo	ıx⊧l3B0kg∤	cψ _€)Ē		ł
7-		ŀ.́∽¦	删删			,							7	
			錋		Qre)									
8-		أنهنا	圳川		greenish grey (brownish)		-3	2	37.80~44.00m				8	
			扣Ш		broi		2	3	Somewhat cracky	18.3		E-		
9		$\dot{\mathbf{x}}$					ا ا		38 8~ 39.30 m		1x=1219 kg	cm ²)	9	
		ť					-		Core loss,	1 11				
40		<u></u>		L		5	2	3	h dultare acts d			<u> </u>	40	
			8.8			Ì	Ĩ	Ī,,	▶ driller s note 4 tick), 2 (substick), 3 (piece), 4 (fragment), 5 grai	IR				
		ł	<u>א</u> גא	- core toss		[1		- 5 (soft)					
			L	- RQD		1 (lresh)	- 5 (di	composed)					

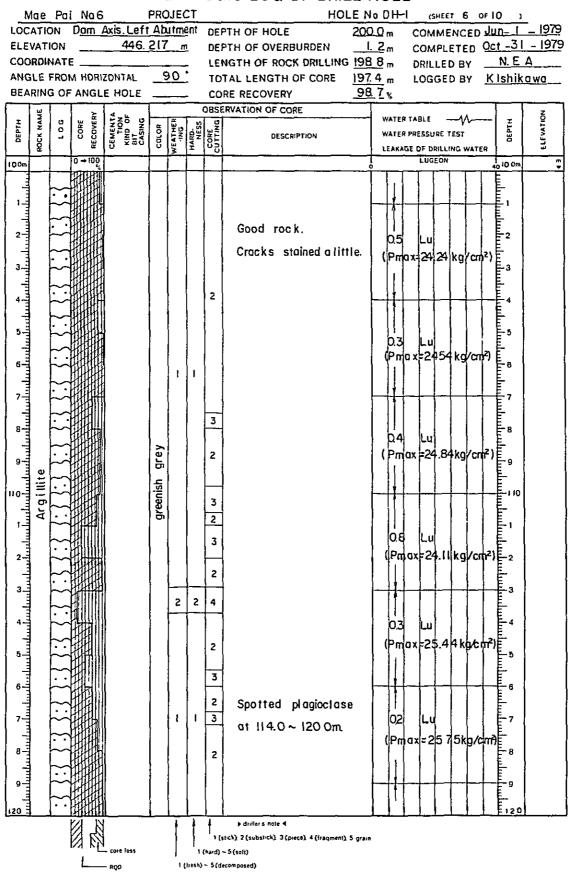
GEOLOGIC LOG OF DRILL HOLE

				~				00		
-			l <mark>i Na(</mark> Dam /					DE		10 DH-1 (SHEET 3 OF 10) 2.0 m COMMENCED 20 - 1 - 1979
	VATI			446.						12 m COMPLETED Oct - 31-1979
							-		NGTH OF ROCK DRILLING 198	3.8 m DRILLED BY <u>NE.A</u>
ANG	ILE I	FRON	A HORIZ	ZONTAL	_9	0	•	то		.4 m LOGGED BY K. Ishikawa
8EA	RINC	G OF	ANGL	E HOLE			-	со	RE RECOVERY	3.7 %
	ЧЕ		RY	<u>ح</u> _ب ,					ERVATION OF CORE	
DEPTH	ROCK NAME	00	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	COLOR	HE D	HARD- NESS	TING	DESCRIPTION	WATER TABLE
30	Эй	-	REC	un 2 2 200	Ī	WEATHER	H H	CORE		
4 0m			0 → 100							
					Ì					
		\sim								┝┈┼ <u>╪╎</u> ╶┼╍┥╾╡╾┾╼┾╼ <u>╞</u> ╻┃
		\sim	AIIII		ŝ			3		
2-					(brownish)					13 9 Lu (Pmax=1452kg/cm ²)
	Argillite	\sim			2		2			(Pmax=1452kg/am ²) =-
3	rgi	· ·	HH.					2		
	4		£1111	l	rey	2		3		
4		~	21111		0		<u> </u>	ļ.	4400.4740-	
udu		\sim			eenish		3	4	4400~47.40m	
5		, , ,			Бел Па		 	<u> </u>	Cracky. Cracks stained Sheared zone at 45.00	12 1 Lu
in lu		\boxtimes			ธิ	4	4	5	~ 45.56m	(Pmax=13.35kg/cm ²)
6		~ -				2	3	3	~ 40.06m	
- Iter		\ge	ШIК						463-4670m Care loss	
7		~	鴉竹				3	3		
- In		~	####					1	47.40~ 55.00m	
8-1		~						2		ЮВШ Ев
			HHIII	Į		Į –	Į	3	Sometimes included	(Pmax=15,59kg/cm²) =-
9-1		~ ∽			İ				greenish patch.	
- In		\sim	#####					2		
50-		\sim	####			ł			Bedding plane dips	
		\sim	HHIII		<u>ا</u>	2		ł	50~60°.	
1-		\sim					2	3	Crocks stained.	57 Lu E'
		\sim	747III		ey					(Pmax=18.55kg/cm²)
2	lite	\sim	£11177		gre	Į	l	2		
3	Argillite	\square			-					
3	4	\sim	H		sh Ish	ŀ		3		
		\sim	H		ee nis l	İ		F		03 Lu
		· · ·	ЩЩ	l	5		ſ			(Pmax=1953kg/cm²)
5_			HHH							
		<u>ــــــــــــــــــــــــــــــــــــ</u>							55.00~64.60m	
6-		h-		[l	ļ		2	1	
		Ŀ	HHH				ł		Fresh and hard.	
7		~		-		1			Good rock.	I.4 _u = 7
		,]	ł				Cracks stained a little.	(Pmax=19.69 kg/cm²)-
8				}	1	t	1	1	Spotted plagioclase	
		Ļ-			1			1	sized 2~5m/m at	
9-		<u>-</u> -	HHH		1				56.50 m.	
		ŀ		ļ	ļ			1		
60 -	l	<u> </u>	nunun Kalin in	fl	L	 ا	<u>_</u>	+	► dulier's note 1	
						I		1.6	stick) 2 (substick), 3 (piece), 4 (fragment), 5 grain	,
		1	ין איז אן איז	- core loss		ł			- 5 (sofi)	
			ĩ	- RQO		1((resh)	~ 5(d	ecomposed) 💣	

	• • •	. .	N					UC		
			No.6	xis. Left /				DE.		0 DH-1 (SHEET 4 OF 10)
ELE				446						1.2m COMPLETED Oct _31_1979
		NATE					-		NGTH OF ROCK DRILLING 198	8 m DRILLED BY N.E.A
ANG	iLE I	FROM	A HORE	ZONTAL		0	•			4m LOGGED BY K. Ishikawa
BEA	RINO	g of	ANGL	E HOLE			-	со	RE RECOVERY 98	17%
	ME		RY	₹					RVATION OF CORE	WATER TABLE
DEPTH	ROCK NAME	LOG	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	COLOR	E S	1	and The	DESCRIPTION	WATER TABLE
ā	50 E			10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ទី	MEA	HARD	CORE	DESCRIPTION	LEAKAGE OF DRILLING WATER
60m			0 ≈ 100			-			<u></u>	LUGEON 40 60m
	Argillite				greenish grey	2 2 1	1	2 3 1 2 3	64 60~ 56 10 m Somewhat cracky. 6 6.10~ 80.00 m Generally good rock. Shightly weathered at 68.60~ 71.00 m. Cracks no stained at 66.10~ 68.60 m and 76.00~ 80.00 m. Bedding plane dips 40~70°. Micro folding remorkable.	2.3 Lu $(Pmax = 1992kg/cm^2)$ 1 08 Lu $(Pmax = 2033 kg/cm^2)$ 1 08 Lu $(Pmax = 2033 kg/cm^2)$ 1 07 Lu $(Pmax = 2064kg/cm^2)$ 1 07 Lu $(Pmax = 20.9 kg/cm^2)$ 1 1 03 Lu $(Pmax = 20.9 kg/cm^2)$ 1 1 03 Lu $(Pmax = 21.25 kg/cm^2)$ 1 1 1 1 1 1 1 1
		1	AN			ł	ł	1	► driller s note 4	
			🛛 🕅	eero la					lick), 2 (substick), 3 (piece), 4 (fragment), 5 grain	
			L	- care lass		1			5 (solt) composed)	
				- RQD		. (97.01	Compared ()	

GEOLOGIC LOG OF DRILL HOLE





GEOLOGIC LOG OF DRILL HOLE

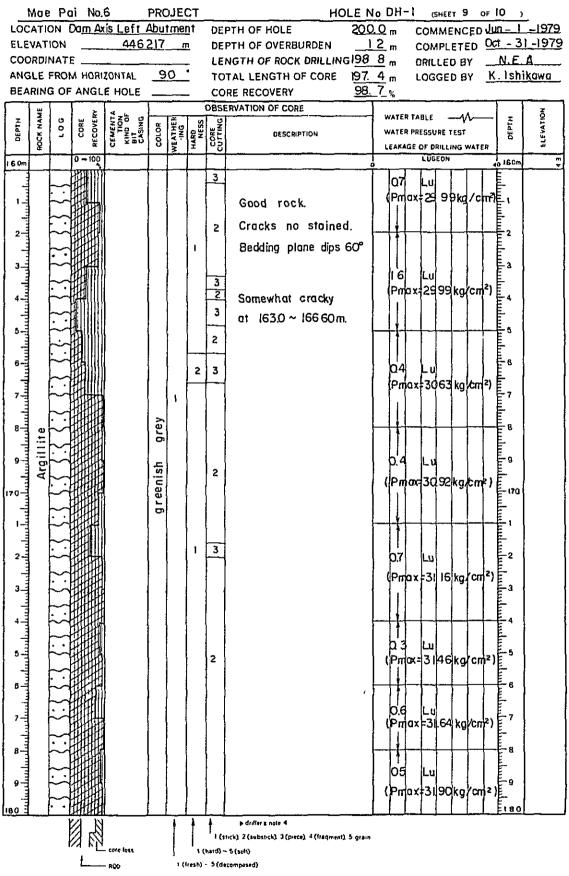
		D 3	51	c 1				00		0. DH-1 (SHEET 7 OF 10)	
			No Dan A		_)JE(DE		Om COMMENCED JUN_I	1979
				446.2						2m COMPLETED Oct-31 -	1979
							_	LE	NGTH OF ROCK DRILLING		
				ZONTAL	_	90	-	то	TAL LENGTH OF CORE 19 7		wa
BEA	RINO	G OF	ANGL	E HOLE				-		.7. %	
	ME		В	≮zե α		íz.			RVATION OF CORE	WATER TABLE	ŏ
рертн	ROCK NAME	t o c	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	ING	HARD. NESS	CORE	DESCRIPTION	WATER TABLE	ELEVATION
<u>م</u>	Š,			₩ <u>₹</u> ₩0	8	WEATHER	Ŧ	ដភ្ល		LEAKAGE OF DRILLING WATER	<u></u>
120m			0 - 100							LUGEON 40 120m	
		\square	HH					2	Good rock		
11		~					1	3		(Pma x= 26.04 kg/cm²),	
		<u></u>	####				`	Ľ	Cracks stained a		
21		~	翻					2	little.		
1		\sim					3	4	Brittle along bedding		
3-1		\sim					l	2	plane at 122.4~122.7m	D.3 Lu	
								1	Bedding plane dips	(Pmax=26 34 kg/cm ²)	
4-1		\sim						2	30~ 50°.		
	l	\cdot					1	3	30, 30.		1
l ul		\sim									
6-3		÷	ŦНЩ			0				0.4 Lu (Pmax=26,59kg/cm²) = 6	
1		~									
7		⊷									
8 unhunhu	lite	\sim									
8	-g illite	∼-	HHP.			1		2			
10	Ar	<u>~</u> _								(Pmax=26.81 kg/cm²) =-	
9-1		<u>-</u>			2	1	}				ł
1		\sim			grey	ļ	Į				
130-1		\sim									
		\sim	HHH		uis.		1	.		1.8 Lu	
		\square			greenish	ļ	ļ				ł
2		\sim			Ŭ,			3		(Pmax=26.85kg/cm ²)	
		\sim									
3-1		$\dot{\sim}$									
							l			04 Lu	ļ
4		μ'n						2		04 Lu	
		\sim		r						(Pmax=27,43 kg/cm²)	
5 -		\sim	HHH							(Pmax=27,43 kg/cm²)	
		$[\cdot, \cdot]$				l	ļ	ļ			ļ
6,7		$ \sim$	Batti	1			1	-			
		$\overline{\cdot \cdot}$	HШ					3			
		\square								(Pmax=27.30kg/cm²)= ⁻⁷	
8		[]			l	l	l				
		h	拥拥					Z			
9-1		÷								21 Lu	
- Internet		\vdash						1		(Pmax=2745kg/cm²)	
140 3		<u></u>		1 <u>1</u>	<u> </u>	1	1	1	▶ dritters note 4		
			0 6					1,6	utick), 2 (substick), 3 (piece), 4 (fragment), 5 grai	,	
		I	i va vi t	- core loss					~ 5 (soft)		
			L	— RQD		10	(tresh)	~ 5 (d	ecomposed)		

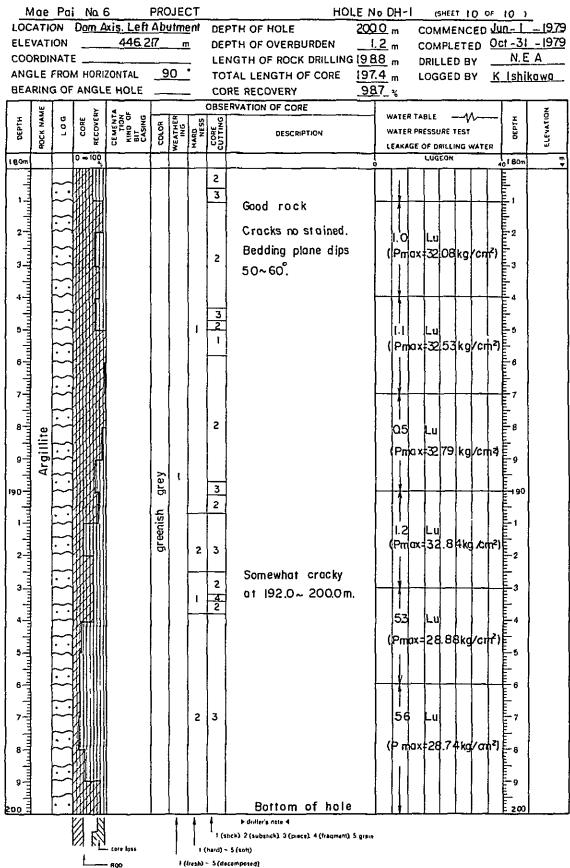
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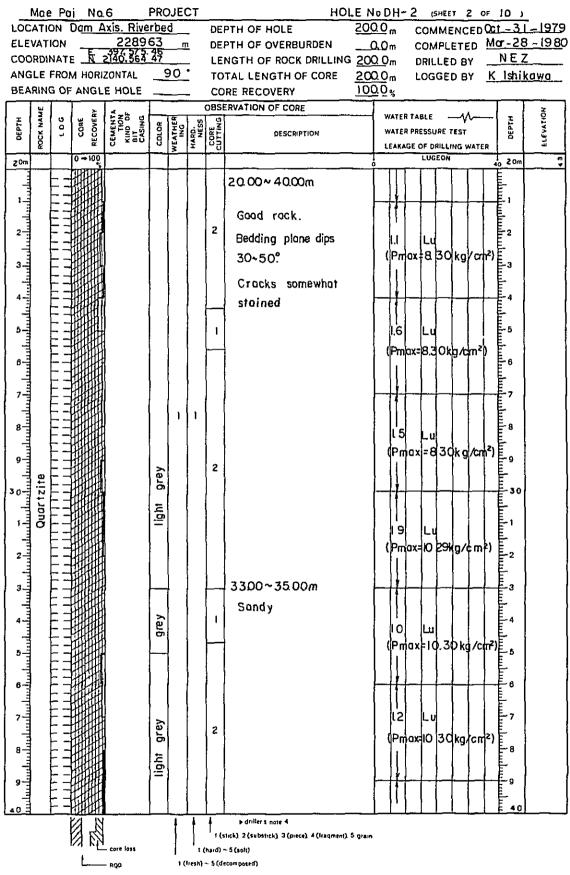
LOCATION DON CAXE, Left Abutiment DEPTH OF HOLE ELEVATION		Ma	a Pr	i No	.6		J)E(.00	HOLEN HOLEN	ПОЦЕ 10 DH-I (SHEET 8 ОF 10)
ELEVATION <u>446.217 m</u> DEPTH OF OVERBURGEN <u>1.2</u> m COMPLETED <u>0c1-11-1979</u> COORDINATE <u>1.2</u> m COMPLETED <u>0c1-11-1979</u> COORDINATE <u>1.2</u> m COMPLETED <u>0c1-11-1979</u> DRILLED BY <u>N.E.A</u> NGLE FROM HORIZONTAL <u>90</u> TOTAL LENGTH OF CORE <u>197 4</u> DOGLED BY <u>K15hikowo</u> BEARING OF ANGLE HOLE <u>CORE RECOVERY <u>207 x</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u> <u>1000</u></u>	LOC	ATIC	on D	o <u>m A</u> x	is. Left	Ab	utm	ent	DE		0.0 m COMMENCED Jun-1-1979
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GEOLOGIC LOG OF DRILL HOLE



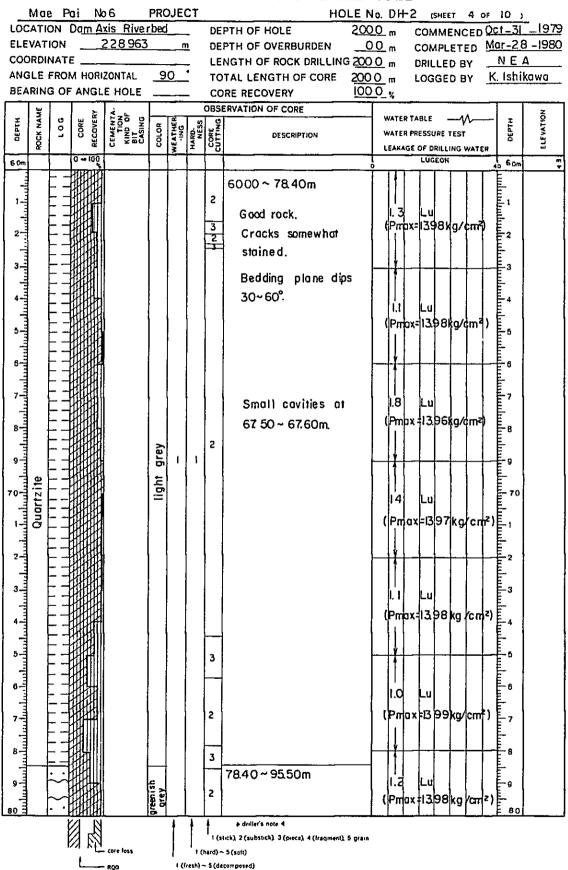


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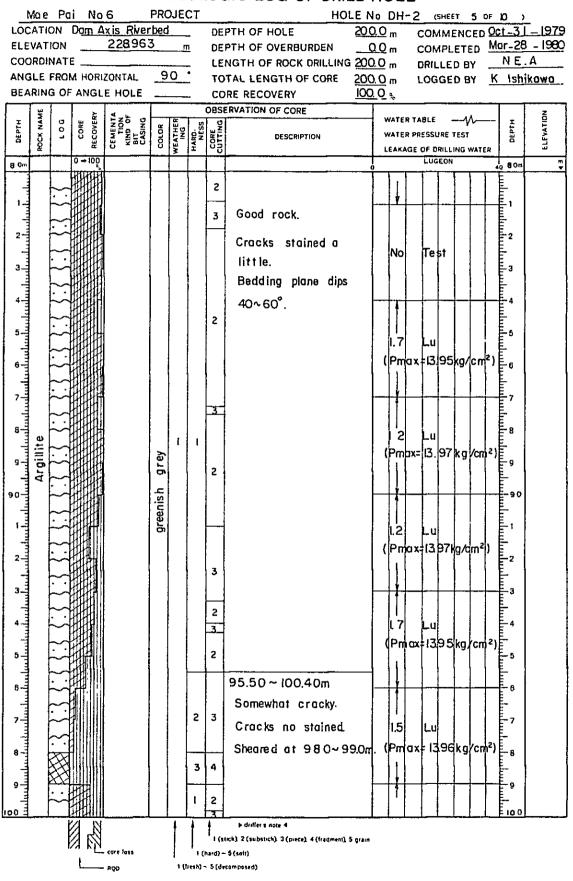


GEOLOGIC LOG OF DRILL HOLE

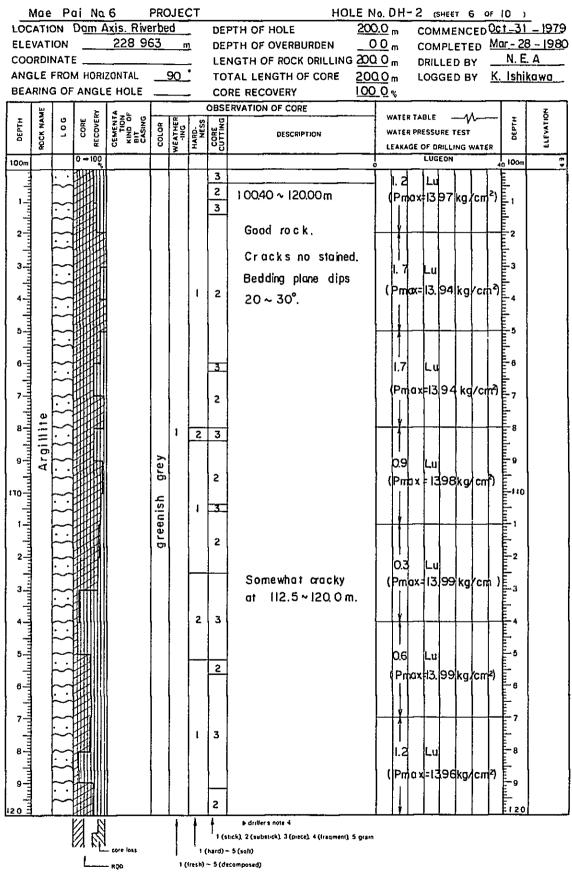
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			No6	xis Rive		JEC d	1	DC1		000 m	COMMENCED	F (0)) ∩ct	1979
ELE				228 96			- 1			<u>000 m</u>	COMMENCED	Mar - 28	1 - 1980
							-		GTH OF ROCK DRILLING 20		DRILLED BY	N.E	
ANG	LE I	FRON	A HORI	ZONTAL	9	0	•			000 m	LOGGED BY	<u>K Ishik</u>	awa
BEA	RINO	G OF	ANGL	E HOLE			-			<u>% 000</u>			
	RΕ		ž	.«_u					RVATION OF CORE	WATE			NO
ОЕРТН	POCK NAME	С С Г	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	ð	HUH	ESS.		DESCRIPTION		R PRESSURE TEST	DEPTH	ELEVATION
ä	Б С	-	RECO	CEMI KINC CAS	ទី	WEATHER	HARD. NESS	CORE	DEDCHI (10)	L L	AGE OF DRILLING WATE		113
4 0 m			0 - 100						·····		LÜGEON	40 40m	т •
									40,00~6000 m	6			
			μH.							- 1 f ^r -	nax=1030kg/cm	ŋĒ.	
		- 1	HHH					2	Good rock.				
2-		╤╡	11111			i			Crack somewhat	_ _ <u></u><u>†</u>-	╉╌┼╌╋╍┞╴╂╼╿		
			141 III					4	stained.			عيات	
3		- 7	21111									113	
1		=]	191914					2		(Pr	nax=1230kg/cm	²) [-	
4-1		23						3				E	
								-				1	
5		╞╶┧										<u> </u>	
			HIII									L	
6-1			HHH							1.2		10 10	
and and and a			HHH							(Pn	ax=12.30 kg/cr	N9E E-7	
			1111									ц,	
			HHU.								<u>↓</u> ↓ ↓ ↓	-E 8	}
8-1			HHH			1				1 11		- L	
			11111 1					2				E 9	1
		╘╡			grey			-		2.1		E_	
50-	te		1111							((Pn	nax=1230kg/cm	2) <u>-</u> 5 0	
	17	24	HHH		light							Ē	
20 20 20 20 20 20 20 20 20 20 20 20 20 2	Quartzi te		HHH		Ē						╟╶╏╶┠╸╎╶╎┥		
	a	=]	HHH									E.	
2-			HHH						Small cavities at	114	4 Lu	E-2	
			HHH						5340~5350m.	(Pr	nax=14 28 kg/cr	ra E	
3-1		╧╡	HHH									Ē	
		╧┽							-4			E.	
4-1		= 7	HHH				[Ē	
										1 1		Ε.,	
1 "		==	H							13	5 Lu	Ë,	
		27	HHH					1		(Pn	nox=13.98kg/cm	2)E-6)
		Ξ	HH H					2				E	(
7		-3	HHH							┝┼╈	╅╋╋	_ _ _7	
			HHH	1								E.	ļļ
8			HHH									<u> </u>	
			HHH								nax=13 99kg/cr	-2)E	
91			21911									۴Ę۹	
1 11		= +	HHH	ļi								Ē	
60 3				[L	<u> </u>	<u> </u>	Ļ	► driller s note 4			<u> </u>	LJ
		ł	8.8			Ţ	Ĩ	٦, ₁ ,	Former's note = tick) 2 (substick), 3 (piece) 4 (fragment), 5 gr	rain			
		Ł	א ג <u>וא</u> א	- core loss			1		- 5 (soft)				
			Ĺ	- AQD		1(lresh)	~ 5 (dı	composed)				



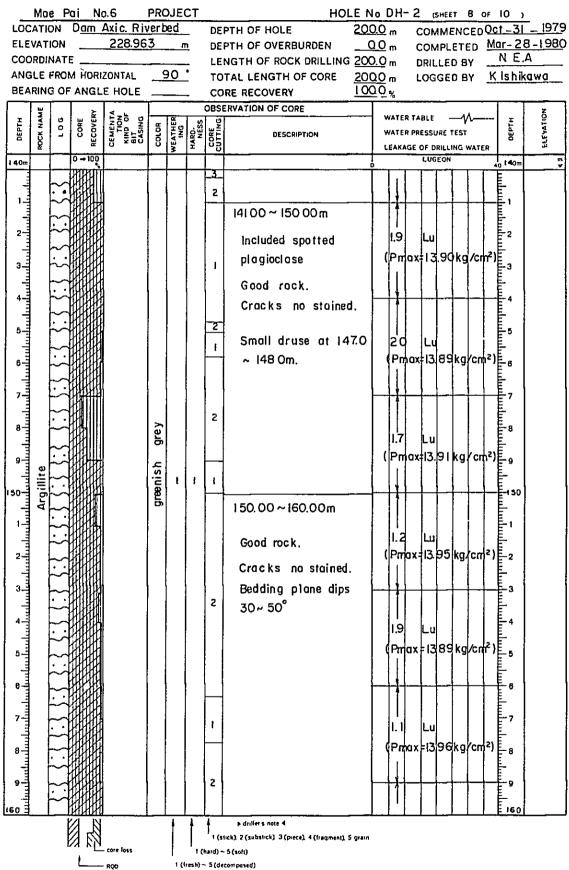
GEOLOGIC LOG OF DRILL HOLE



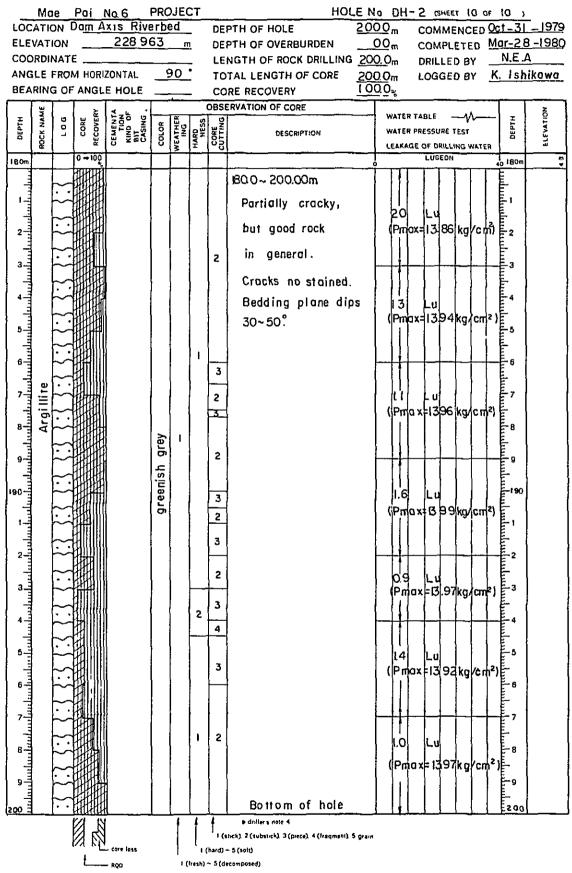
GEOLOGIC LOG OF DRILL HOLE



	Mne	Pai	No.	6		JE		.00		
	_	_		xis Ribe				DE		10. DH-2 (SHEET 7 OF 10) DOm COMMENCED Oct-31-1979
ELEV				228 9						DO m COMPLETED Mar - 28 - 1980
COO	RDI	NATE	I				-	ίE	NGTH OF ROCK DRILLING 200	0.0 m DRILLED BY N.E.A
				ZONTAL		0	-	то		10 m LOGGED BY K.lshikawa
BEAI	RIN	G OF	ANGL	E HOLE			-			<u>20 %</u>
	AME	5	ERY	¥ 5,≝b g		n ex		0	RVATION OF CORE	
OEPTH	ROCK NAME	r o i	CORE RECOVERN	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER -ING	HARD NESS	CORE	DESCRIPTION	WATER TABLE
	æ		_	5 ¥ 80	Ŭ	Υ.	1	ΰŋ		CEARAGE OF DRICEIRG WATER
12 On			0 - 100 7111111							
	ļ	\sim	圳					3	12000~12400m	
1-1		~~	####					4	Somewhat cracky	0.5 Lu
1		~	###					2	Cracks no stained.	
2		\sim					ĺ	3		
		~?	#					3		
3-1		\sim	##					2		
		\sim					2	3		
		\sim							124.00~12800m	07 Ш
5		\sim	HHH.						Good rock.	(Pmax=13,99kg/cm²)E ₅
1	ļ	\sim ł							Cracks no stained.	
6-1		~{	掤					2		
1	ļ	\sim			į			-		
7	e	~1								12 Lu (Pmax=3.96kg/cm²) = 8
1	rgillite	\sim								2 Lu (Pmax=B)96kg/cm ²)
8-7	A.	~~{					2	3	128.00~ 13360m	
	ł	~†	#		7	1	2	2 3	Generally cracky	
9-1	·	~			grey	'	Ţ	ž	Brittle along bedding	9
	ſ	\sim	[[1]]		-			3	plane	
130-	t	\sim			rs			4	Bedding dips 30~60°	41 Lu
	Ĩ	\sim			greenish			2	Cracks stained a little.	(Pmax=1359kg/cm²)
	[$ \rightarrow $	#1111		Ъb		S	4	ordoko stakica a krite.	
2-1		\sim		[-		
	ļ	~						3		
3-		~						4		
	ŀ	-†	£1111					3		(Pmax=1385kg/dm=)
4-4	ł	~{							133 60~141 00m	
	ł	~†			ľ				Good rock	
5-	ł	~ŧ						2	Cracks no stained.	
	ł	~f	田田						Bedding plane dips	
8-7	ľ	7								
		Ť	####				1		40~ 50°.	(Pmpx=13.87kg/cm²)
11	ľ	ļ	翻翻]		'	•		
8	ľ	.7	栅							
	ļ	ー								
9	ŀ	~	ЩШ	1				3		24 Lu
	4	~#]]]]]	ĺ	ļ			2		(Pπox=13.85 kg /cm²)
H40 =		<u> </u>					1	<u>~</u>	b driller s note 4	(FII041300 kg/ciii /E 140
		ł					Î	Ī , (sı	p druter s note 4 (k) 2 (substick) 3 (piece) 4 (tragment) 5 grain	
		r	<u>ч қід</u>	core loss			10		\$ (soli)	
			Ľ	RQD		1 (†	esh) -	5 (d+	amposed)	



		0.		~ .							
	_		i No e	Axis. Riv)JE(<u> </u>		0 DH-2 (SHEET 9 OF 10) 0 0m COMMENCED Oct-31 - 19	79
ELE				228 9						10m COMPLETED Mar-28-19	80
							-		IGTH OF ROCK DRILLING 200		
				ZONTAL		0	•		=	Om LOGGED BY K. Ishikawa	a
BEA	RING	S OF	ANGL	E HOLE			-			<u> </u>	
	¥		~						RVATION OF CORE		
DEPTH	NAM	0 0	ORE	CEMENTA TION KIND OF BIT CASING	Я	H H H J J	. 23	u U		WATER TABLE	
130	ROCK NAME	۔ د	CORE RECOVERY	CEME KIND BIT CASIA	COLOR	WEATHER	HARD- NESS	CORE	DESCRIPTION	WATER PRESSURE TEST	
160m			0 = 100			5				LUGEON 40 HS Om	Ē
			मामग्रे			-			160.00 ~ 180.00 m		<u> </u>
	~~	$\sim \gamma$	翻							4 Lu (Pmax=1394kg/cm²) = 1	1
	\sim	$\sim \gamma$	翻推					2	0		ļ
		\sim	11111						Good rock.		
2-1		\sim	###P						Cracks no stained		ł
		\sim	HHHH						Bedding plane dips		1
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		~~	HHH								
		~						2	40~80°.	(Pmax=13.99 kg/cm²)=4	ļ
		\sim							Micro folding		ĺ
5-1			144					1	remarkable.		1
		~	844111			[3	I CITAL & ADIC.		
6	:		######					2		Q9 _u	
1		\sim	1111			ļ	ļ				
7		~~						3		(Pmax=13.98 kg/cm²) = 7	
	te	~	21994) 1					2			
8-	Argillite	~~			•		ł	3			
	۲g	~	擱Ш		gre y	1	I				
91	4	~	11111		6	{					1
		$\dot{\cdot}\dot{\cdot}$	11111	1	ч,	l	Į –			(Pmax=1399kg/cm ²)	
170-		\sim	拥拥		reenish						
		\sim			a ce	Į		2			
		\sim	翻机								
2			翻翻				1				
		\sum	1111	l -		ļ	ļ	3			ł
3		$\left[\begin{array}{c} \cdot \\ \cdot \end{array} \right]$	HHH.					2		(Pmox = 139Ckg/cm?) = 3	
						}]
4		÷	HHH	Į –		Į	[
		~	拥耕			1					
5		ن م	1411H			{					1
		\sim	HHH								ļ
6-		\sim	HH	}]]	S		(Pmax=1396kg/cm ²) = 6	1
		-	#HH	ļ	ļ	l	l				- 1
7-		۲÷	ШH	ł							
		<u></u>		1	1		1				
8-		\vdash			ļ						
		├ ~	扣批	l						(Pmox=13/94kg/cm²)	
9-		<u> </u>				{					
180		<u>ب با</u>	H							E180	
<u> </u>						ł	+	1	► driller & note 4		-
			88				١.		tuck) 2 (substick) 3 (piece) 4 (fragment), 5 grain		
			Ŀ	– Core Joss – RQD		1			~ 5 (solt) acomposed)		
							,		•		



A.	100	Pai	No.	6	PRO						10)	
				us Right				DE				<u>1979</u>
ELE	VATI	ON		387.79	4	n	-			5 m COMPLETED	<u>ct -14</u>	- 1979
coo	RDI	NATE	<u> </u>	397 . 526			_	LE	NGTH OF ROCK DRILLING 192		<u>NE</u>	
				ZONTAL		90	•	то			<u>(Ishik</u>	awa
BEA	RINC	3 OF	ANGL	E HOLE						9 *		
	ME	0	C RY			<u> </u>			RVATION OF CORE	WATER TABLE		No.
DEPTH	ROCK NAME	01	CORE RECOVER	CEMENT TION MIND OF BIT CASING	COLOR	WEATHER	HARD. NESS	CORE	DESCRIPTION	WATER PRESSURE TEST	HT430	ELEVATION
	Š.		_	₩ ¥ē0	9	WE	H	ទទួ		LEAKAGE OF DRILLING WATER		<u></u>
Om			0 → 100°							LUGEON	40 Om	-
		Δ			다. 고				0.0~10m		ւսվ	ŀ
		-			26				Weathered rock fragment	34 Lu	E.	ļ
		Δ			brown grey				siżed 02~2cm.	(Pmax=4 15kg/cm ²)	ահայիսոր	{
2									10~750m		E 2	
		Δ			ba Ba	I			Fine grained core		E	
3-4					Ā				Partially included	╺╾┟╏╄╾┼╌┠╴┼╴┼	Ê₃│	-
3 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	це П	Δ							rock fragment.		որությունները հեղիներիները հեղիներիները	
1 4-	ž				ž	I				30 Lu	Ē⁴	
	Overburden	Δ			brown					(Pmpx=445kg/cm ²)	Ē	}
(1	0		IIIIRA		11							{
		Δ			reddis h						Ē	1
6-7			1111113		2					╼╋╋╾┼┼┼╶┼╶┤╴┤	Ē	
		Δ		i i	pale						Ē,	1
17-					ă.					24 Lu	1.7	}
			HH						7.50 ~ 17.90m	(Pmax=4.75kg/cm²)	1-8	1
8			細川								E	
9	.						,	,	Weathered and cracky.	┝━╅╏┽╸┼╶┼╴┼╶┦╴┦╴	E,	
							3	3	Cracks stained.		EI	
1,0		=]									10	l
			1000			3	4	4	Bedding plane dips	26 14	E	1
11						-	3	3		(Pmax=505kg/cm³)	ndundandunda	
			3111111			İ	5	4	40~60 [°] .		ulu	
2-			4							┝╍┼╏┾╍╉┅┼╌┞╴┼╶┼	₽2	. {
							4	4			Ē	
3-1			771							26 Lu	E-3	1
	ite		#		gre		3	3		(Pmax=535kg/cm²)		}
4	172		####		E	4	4	4			E-4	
	Quartzite	27	7		light			2			Ē	
1 5 1			珊					F.			- 1 9	
			珊川		Пig						E.	
6-1				ļ	brownish	3	3	ļ		23 Lu	6	, }
			#1111		ā		[Í		(Pmax=765kg/cm²)	E,	
			細川]	3			Ë,	
8			нш	E P	┝╼┥		┡——	ľ	1700 0075	┝─┼ <u>┦┼╍</u> ┨┅┽╴┞╶╄╴┶╸		
		27	堋	ł	grey		ł	{ ;	1790~ 20.35 m		1	{
9			揶抑	ł		г	2		Slightly weathered	2.8 Lu	-9	
		21	111111	1	light				Cracks stained	(Pmax=795kg/cm²)		
203				L		Ļ	<u>ا</u> ب	4	h dutter de la c		<u> </u>	L)
			8.8			1	t	1, ₆	b driffer's note 4 (tick) 2 (substick) 3 (piece) 4 (fragment) 5 grain			
			N RH	- care less		Į	1.0		- 5 (sati)			
			L	- RQO		"	fresh)	~ 5 (d	ecomposed)			

		0-	i Mari	~				.00			
			i No. Dam A			JEC			HOLE N PTH OF HOLE 200	0 DH-3 (SHEET 2 OF 10)	979
ELE'	VATI	ON		387.	794	1 п	<u>-</u> - //. 1			5m COMPLETED Oct -1 4 -1	979
Coo	RDI	ATE		397.525	27		_		NGTH OF ROCK DRILLING 192		
				ZONTAL		90	•			7 _m LOGGED BY K. Ichikaw	<i>r</i> a
BEA	RINO	G OF	ANGL	E HOLE			-	со		9,	
	ΗE		×	۲					ERVATION OF CORE		
DEPTH	NA	0	CORE	CEMENT	Ř	ЧЩ Н Ц Н Ц	ESS	۳ñ ۲		WATER TABLE	
ă	ROCK NAME	له	ů ů	CEN. CEN.	COLOR	WEATHER	HARD NESS	CORE	DESCRIPTION	LEAKAGE OF DRILLING WATER	
2.0m	_		0 100			<u>}_</u>	<u> </u>	ا ّ		LUGEON 40 ZOm	
			AUU			2	2	2			
			#		ž			4	2035~3050m		
	ite	{	#111111		grey		l	3-	Weathered and cracky.	─┤ <u></u> ╃┿╍╃╾╂╶╏╴┨╴╋╴╹	1
2	uar tzi te	-7			ght	3	3	3	Cracks stained		
	0 0 0				11			3		52 Lu E ²	
3 1	_		111H)					4	20.05. 27.50	(Ртах=10.19 kg/cm²) = 	1
		Х					<u> </u>		22 85~23 50m Core loss		
4		= 4				3	3	4	20.35 ~ 24.20m and 24.80		Ì
		╧╡				2	2	3	~28.00m		
5							╞╾	4	Cracks filled with	9.0 Lu	
		==						3	brownish clay films.		
6			7		Ň			4	Drownion or dy Truns.	(Pmax=1033kg/cm²)	ļ
		-7			grey	3		3			
7-	Į	- 7			ŧ			4			
	8	3			light		3	3			
8-	zit					2				39 4 Lu = 8	
- T	Quart	-]			ish	-				(Pmax=774kg/cm²)	1
9-1	õ				rowni	_					
1 4	ţ	-1			pr	3		4			
30-		= =	∄∭!								
	ŀ	-4							3050~3200m		
		-7				2		3	Slightly weathered.		
	ł					-			Crocks somewhat stained		ł
			HHH]				32.00~4025 m		
3		ŀ	HH						Alternation of Quartzite		
	<u>₹</u>	Ĩ	H		Í				and Argillite.		
4	Ξ	÷	詽						ana Arginici		
	Argillite	\sim t			e y				Bedding plane dips		}
5-	-0		2121		grey		2		30~50°.	(Pmax=1206kg/cm²)	
		~{			Ч,	1		2	00-00.		ļ
6-1	5	÷-if	開期		ę	•		-	ļ		[
	ľ	\rightarrow			2				Generally fresh and		
7-	5	~7			_				hard.		
	sł	-4	HHH		grey					(Pmox-1209kg/cm²)	
8-	Alter nation	₩	田田		1				Good rock.		
	2	<u>_</u> t	曲曲		l ìgh						(
9-1	₩	~†	###							╾┼┋┝╍╁╴┼╶┼╶╂╌╔╴᠀╎	ł
403		~ 1	詽田				I				
		Ľ	A N			1	Ī	•	a driller s nois 4	<u></u>	
		ł	空気	_					ick) 7 (substick) 3 (piece) 4 (fragment) 5 grain		
		2.	ł	core loss		1			S (sall)		
			•••	RQD		10	ited) a	- 3(00	composed)		

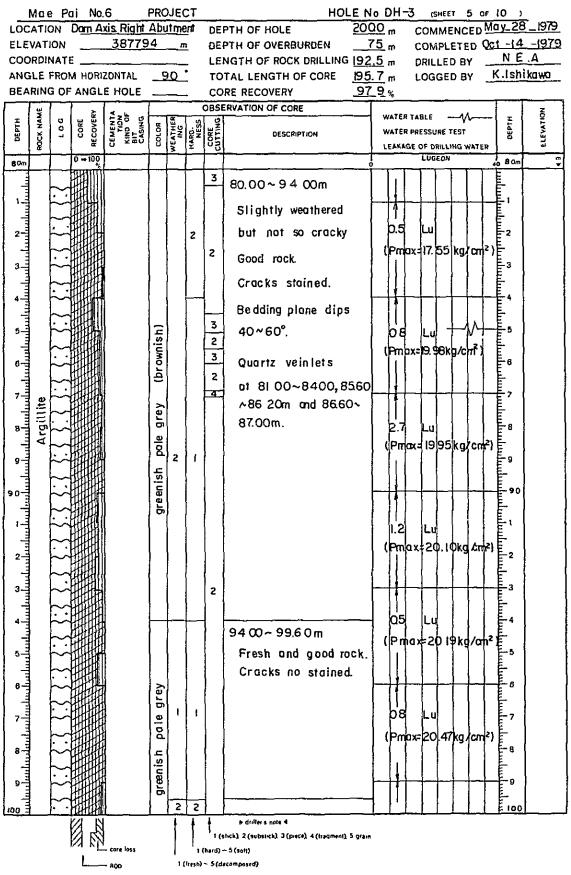
GEOLOGIC LOG OF DRILL HOLE

.

	Mae	e P	ai Na	0.6				.00	HOLE N	10 DH-3 (SHEET 3 OF 10)
			D <u>am</u>					t de		0.0 m COMMENCED May-28-1979
ELE			. .	387_7	<u>794</u>	<u> </u>	<u>n</u>			5 m COMPLETED Oct - 14 - 1979
		NATE					-		NGTH OF ROCK DRILLING 192	
				ZONTAL		90	-			.7 m LOGGED BY <u>K. Ishikawa</u>
BEA	RINO	G OF	ANGL	E HOLE			-			<u>.9</u> *
	ME		Ϋ́	Ezh a		10	_		ERVATION OF CORE	
DEPTH	ROCK NAME	90	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	분보	HARD. NESS	^m N	DESCRIPTION	
1ª i	Š.	-	REC	<u>9</u> <u>5</u> <u>5</u> <u>6</u>	ē	WEATHER	ΗŤ.	CORE	Description	
40m			0 - 1 00			<u> </u>		Ť		LUGEON 40 40m
			गंगागाः			T				
		\sim	1					3	40.25~4480m	89 6 (2/min) (0~42 m)
1-1		~~	1 1111		grey				Wethered and cracky	(0~42m)
		~~				ļ	1		1	
2			掲1111		light	3	2	4		
1 4		$\sim -$	招Ш		l≞	1	4	1	Slicken side at	
3			1 1111		ع				42.60~43.00m.	24.5 (4/min)
1 1			<u> </u>		brownish					
E _A		·i	#1111		8	ļ	ļ			(D~ 45 m]
			H1111	ý	هً			3		
		\sim .	H4111	grey						
3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		~ 1	翻翻						44.80~4900m	
		~ 1	11111						Fresh and hard	
6-		\sim	11111					2	Good rock	
		\sim	HHHH					-	Create	(Pmax=1419kg/cm)
7-		\sim	圳拼				Ι.		Cracks somewhat	
	ite	~	HH.			1			stained.	
8-3	rgilli	\sim	ШĤ		grey		[3		
1 4	P	~{	tiltill					z	•	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	· · ·	81111		green is h			Ľ		
					lua				49.00 ~ 51.40 m	(Pmax=16 82 kg/cm ²)
50-		• •			re				Weathered and cracky.	
						3	3	4		
1		•••			ale					
']	ĺ	\sim	Ŧ		ā					
		$\overline{\cdot}$	84111		2				51, 40~52,60m Slightly weathered,	
1		\sim	HH II		rey	2	2	3	<u>Cracks</u> stained.	
	ľ	\sim	HTA11		9		-		52.60 ~ 56 60m	
3-	ł	\sim t			ŧ					
	ł	~:	HHH		fight				Good rock.	
44	ł	~{	HHH						Cracks no stained.	
1 -	ŀ	\sim	####			1			Bedding plone dips	
5-	ł	-1	開批			'		2	30~80°.	
	ŀ	$\sim t$	HHH							(Pmax=16 86kg/cm ²)
6-		÷.,ł								
	-	~ł		[
1,1	ļ		幽						56.60 ~ 66.55m	
		_ل							Slightly weathered.	
	[أنه	#							
8	ſ	Ī	均1111					3	Cracks stained.	
	t	\sim				2	S			(Pmax=17.38kg/cm²)
1 9-7	ł	$\sim t$								
	ł	∼:ł								
60 =	. 1	r	uaualiii Zi N	I	1		1		► driller's note 4	
		ľ.				I	Ţ	۱ <u>،</u>	lick) 2 (substick) 3 (piece), 4 (fragment), 5 grain	
		Ľ	<u>א</u> א א	core loss			1		- 5 (soli)	
			L	RQD		† ()			composed)	

Mote Roi No.6 PROJECT HOLE No. 0H-3 mett 4 or 10 dor 10 LOCATION DUMAIS AlightAdmemt Perriv OF NOLE 2000 m COMMENCEDMUL-22_1979 COMMENCEDMUL-22_1979 COMPLETED 001 - 14 - 1979 ELEVATION 382794 m DEPTH OF OVERBURDEN 7.5 m COMPLETED 001 - 14 - 1979 CORDINATE 90 TOTAL LENGTH OF CORE 1957 m DEPLATION DELATION MORIZONTAL 90 BEARING OF ANGLE HOLE CORE RECOVERY 97.9 % USGED BY K.Ishikowa BEARING OF ANGLE HOLE CORE RECOVERY 97.9 % Variat Faile 1 1 BEARING OF ANGLE HOLE CORE RECOVERY 97.9 % Variat Faile 1<			<u> </u>						OG	IC LOG OF DRILL	
ELEVATION 382724 m DEPTH OF OVERBURDEN 7.5 m COMPLETE DC1-14-1993 COORDINATE SUBTOR SUBTOR SUBTOR SUBTOR SUBTOR NEA ANGLE FROM HORIZONTAL SUBTOR SUBTOR SUBTOR SUBTOR SUBTOR SUBTOR SUBTOR NEA BERRING OF ANGLE HOLE CORE RECOVERY SUBTOR											
COORDINATE											
ANGLE FROM HORIZONTAL 90 TOTAL LENGTH OF CORE 1957 m LOGGED BY K. Lishikawa BEARING OF ANGLE MOLE CORE RECOVERY -7.9 % -7.9 % -7.9 % -7.9 % E 8 0 9 5 5 0					0001			<u>.</u>			
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do 0	E E	ð	Ľ	មួយ	CAS	5 S	EAT	E N	UTTI	DESCRIPTION	WATER PRESSURE TEST
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4-1 1			\sim	£4111			1		- P-		(Pmbx=1921kg/dm²)
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$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2			遡			2	2	┝╌╴	Partially cracky, but	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						Į			4	good rock in general.	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			\cdot	1ШШ				<u> </u>	3		738 (L/min) = = 3
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9 80 (Prmax=1938 kg/cm ²) 80 (Prmax=1938 kg	1 1		$ \sim$	######		<u>ale</u>					
core loss , 1 (hard) - 5 (solt)	91		÷	래배	ł	5	2	2	{ z :		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
core loss , 1 (hard) - 5 (solt)	1		\sim	HH	-	e e		[
t (strick) 2 (subsuch) 3 (piece) 4 (tragment) 5 grain core loss 1 (hard) - 5 (soli)	80 7		· · ·		<u> </u>	99	<u>.</u>	۱ <u>ـ</u> ـــــــــــــــــــــــــــــــــــ	12	s dellare solo 4	
1 (hard) - 5 (soft)				8.8				Î	Î,		NB
RQD t (Iresh) ~ \$ [decomposed]			ì	27 KM	- core loss		. [Г, _с			
				L	- RQD		ŧ(fresh)	~ \$ [d	composed)	

GEOLOGIC LOG OF DRILL HOLE



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			No.							DH-3 (SHEET 6		1070
	VATI			387.7						0 m COMMENCE	D <u>WNY-20</u>	-1979
		NATE					<u>.</u>		NGTH OF ROCK DRILLING 192			A
				ZONTAL		90				7 m LOGGED BY		
BEA	RING	G OF	ANGL	E HOLE			-			9%		
	ų		٤	< 1				OBSE	RVATION OF CORE		T	ž
DEPTH	OCK NAME	00	CORE	CEMENTA TION KIND OF BIT CASING	ц	WEATHER	E5S	E ING		WATER TABLE	06PTH	ELEVATION
DE	20 20	-	BEC	CEN CEN	COLOR	τų.	HARD NESS	CORE	DESCRIPTION	LEAKAGE OF DRILLING W		ELFI
10 0m			0 → 100	<u> </u>	-	<u> </u>	-			LÜGEON	40 100m	m T
			ATHI						9960~12000m	O6 Lu	TE	· · · · ·
		\sim						2		(Pmax=20.40kg/		
		\sim						1	Slightly weathered		~['Ē'	ļ
		$\overline{\cdot \cdot}$	HH.	-				Ч	in partial, but hard		Ē,	
1			1111	ļ		2	1			│ │ [╇] │ │ │ │ │	E E	
3		$\frac{1}{2}$							and not so cracky	05 Lu	E.a	
						1		2	in general.	(Pmax=2044 kg/		
4-1		نہ				<u> </u>		-	Good rock.		E_4	
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		\sim	#21111			3	2	<u> </u>				
5		<u> </u>	11					3	Cracks somewhat	┠─┼┟╌┼╸┼	<u> </u>	
		$ \sim$				ĺ			stained.			
6-		ŀ~	HHH			2			Bedding plane dips	04		
1		<u>-</u>	ĦĦ		-	2				(Pmax=1999)kg/(;m²) [-	
7-		┝~┤			ist.	•			30~50°.			1
		\sim	11111		N N							
e Burlindhurh	ite	ŕ	HHH		(brownish	<u> </u>				┟╶┼╊┼━┼╾┤╴┧╶╅		
	Argillite	\vdash				1	t	2			Ē	
9 1	Arg	\sim			grey							
1 4	e '		扣册	1	1	ļ				(Рлах=20.19kg/		
110		\sim	HHH		pale	 					Ē	
1004 mpmm		\sim	21111		٩	1					110 110 110 110 110 110 110	
			HHH		ĥ						E	
2			ΗH		greenish						E2	
					١.	ļ				(Pmox=20)04kg/		
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1		\sim				 		3				
4		i				3	3			┝ ╶╎┇╎╶┝╸╎╶╎		
1		~~	H				2					
5-		ŀ	HHH.							07 Lu	E-5	ļ
1		\sim	HHP			2	.			(Pmax=20.29kg)	cm²) –	
6-		├ ~	HH				'				6	
4		ŀ∼.									Ē	
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		ŀ.	HHH			2	2					
8 1	'	\vdash								2.6 Lu	- 8	
		\sim				,				(Pmax=19.98kg)		
19		\square	H			'	[19 1	
120			HHH								Ē IZ O	
			0.1			ŧ	ł	ł	p driller's note 4			
			21 元	- core loss			1,		nick). 2 (substich). 3 (piece). 4 (fragment), 5 grain - 5 (soft)			
			<u> </u>	- RQD		, 1			composed)			

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GEOLOGIC LOG OF DRILL HOLE

	Ma	e P	ai No	.6) JEC				IODH-3 (SHEET 7 OF 10)
	ATIC	N	D <u>am A</u>	<u>xis Right</u>						10 m COMMENCED May 28 1979
ELE				7		n	Ļ			<u>5 m</u> COMPLETED Oct - 14 - 1979 5 m DRILLED BY N.E.A
				ZONTAL		90			NGTH OF ROCK DRILLING 192 TAL LENGTH OF CORE 195	
				EHOLE			•			9 *
	u U			a 1.					RVATION OF CORE	
DEPTH	POCK NAME	90	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	чо	HER.	ESS	ы В И		WATER TABLE
Ü	SOCK	٦	SEC. C	CEW CEW CAN	COLOR	WEATHER -ING	HARD- NESS	CORE CUTTING	DESCRIPTION	
120m			0 = 100							WATER PRESSURE TEST LEAKAGE OF DRILLING WATER 0 10 10 10 10 10 10 10 10 10
			11111Å						12000~14000m	
		$\langle \cdot \rangle$	棚甜						- · · · · · ·	
		~	扣扣			ו			Fresh and hard.	
2		\sim	####						Good rock.	
		~~							Cracks stained	
20 20 20 20 20 20 20 20 20 20 20 20 20 2									a little.	
1		\sim				1				
4-		\sim		ļ		Į			Bedding plone dips	
		$\sim $	扣把					2	30~ 50°.	(Pmax+2L74 kg/cm²)
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				ł	}	\ \				
7		i								04 Luj E7
			翻出	1						
8-		÷.	錋祖	-	2					(Pmax=2089kg/cm²) == == ==
	\rgillite	\sim			grey					
9	giil	÷÷	刊刊				}	1		
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		<u>.</u>		1	ish	}				(Pmox=19)12kg.cdm²)
				1	greenish					
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				-						
3		·		-				Ŀ		
		$ \sim$		1		ļ				(Pmax=2073kg/cm3)
4-		ŀ								
		ŀ∽								
5		$ \frown $			ł		ł	2		
		ŀ.^	HHH							03 Lu E.
6-		┝~	11 II	- -						
		. .			1		1	1		(Pmox=2154 kg/cm ²)
		<u> </u>		1	1					
		E:						[
					1		1	2		
9		منها				ł	1	1		(Pmax=22.51 kg/cm ²) 9
		<u>-</u>		l	ļ	ļ	l	ļ		
140	L	<u>ı. </u>		<u> </u>	1	<u> </u>	1	4	p driller 5 note 4	
			88			Ī	Í	1.6	tlick) 2 (substick) 3 (piece), 4 (fragment), 5 grai	n
			na kľ	– core loss		l			- 5 (zoli)	
			Ĺ	- RQD		11	(Iresh)	~ 5 (d	ecomposed)	

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GEOLOGIC LOG OF DRILL HOLE

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	Mai	e P	ai N	106 1		JE(0. DH-3 (SHEET B OF	10)	
_				xis.Right	_	-		DE				
ELE	VATI	ON	<u> </u>	_ 387 79	94	Π	<u>1</u>	DE	PTH OF OVERBURDEN	5 m COMPLETED OC	t - 14	<u>- 1979</u>
C00	RDI	NATE					-	LE	NGTH OF ROCK DRILLING 192		<u>N. E</u>	Δ
ANG	LE I	FRON	A HORIZ	ZONTAL		90	•	то	TAL LENGTH OF CORE 195	7 m LOGGED BY K	lshi	kawa
BEA	RING	G OF	ANGL	E HOLE	_		-	со	RE RECOVERY _9	<u>′9 %</u>		
	MΕ		24	ś_⊾				ÓBSE	RVATION OF CORE			ž
DEPTH	ROCK NAME	0 0	CORE	CEMENTA TION KIND OF BIT CASING	5	Ψu	. S	e NG		WATER TABLE	осртн	ELEVATION
ä	QCK I	· -	REC	CEN CEN	согоя	WEATHEF	HARD. NESS	CORE	DESCRIPTION	LEAKAGE OF DRILLING WATER	ŏ	ELEY
140m			0 -+ 100			5	-	0			o t40m	
			प्राप्तम						140.00 + 160.00		3140m 2	
1			扣扣						140 00 ~ 160 00m		È	
114			鎺衵							─┼╏┽━┼╸╎╴╿╴╎╍┼╸┥	Ē1	
4			####					2			Ē	
2			拥拥			1	1			Q4 Lu	E-2	
			拥机						Some parts slightly		Ē-	
3-1			印印					3	weathered and cracky.	(Pmax=22.74 kg/cm²)	-3	
H								2			Ë	[
4			推出[[[]	l l		3	5		But generaly fresh and	↓ ↓ ↓ ↓ ↓ ↓ ↓	Ē4	
			11111		-		ı	3	not so cracky.		Ë.	
5					IS I				Good rock	04 Lu	E	
6		= 1			brownish			4			Ē	
	ĺ				ā	2	2	3	Locally cracks stained.	(Pmax=20.04kg/am ²)	-6	
			144A		~						Ē.	
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			HIH		portially]					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
			14444		БQ							
8-1			₩₩		-	<u> </u>						
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91			744A		ō	2					E-9	
			1947H		Ę	Ť					Ē	i
150-	e		144H)	1	light	2	6	2		┝━┝┧╂╴┼╶┟╌┞╼┼┈╁┈	150	
	zit		## #		_							
1-	artzit		1417HI		5	2				Q5 Lu	in The	
	no		74771I		reenish	-				(Prrox = 20,04 kg/cm ²)	Ē	1
2-	Ŭ		Ŧ		9 Te						2	
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1 7		ニコ	HHH								E I	ł
4			11111							04 Lu	Ē4	
	}		3H)									
5			#####							(Pmax =2004 kg/cm ²)	E_5	
			2171111			1					Ē	
6 4			捫別				2	3		┝╶┞┫╿╌┨╾╎╾╿╼┞╼┼╸		
			掤╢					2			Ē	
,			拥拥				ļ	Ľ		0.4 Lu	<u> </u>	
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		- 7	翔Ш				2	3		(Pmax=20/29kg/cm ²)	E.	
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		{	######					4			Ē	
9-1	ļ		揶跚				1	2			1-9 E	
160			#####				2	4			- 	
<u>1997</u> 4				ı	Le	+	ł	لىخت ا	► driller s note 4			
		Ę	3 🖏					10	tick), 2 (substick), 3 (piece), 4 (fragment), 5 grain			
		I.	<u>, vh</u>	- core loss		ļ	'' (hard) -	- 5 (sott)			
			L	- RQO		10	iresh) ·	~ 5 (de	(composed)			
				core loss 1 (hard) ~ 5 (solt)								

GEOLOGIC LOG OF DRILL HOLE

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			i No Dom Δx	cis Right			-	DEI					
	VATI			38779			1. 1			<u>.5</u> m		Oct -14	-1979
coo	RDI	NATE					_		NGTH OF ROCK DRILLING 192		DRILLED BY	<u>NE</u>	Δ
				ZONTAL		90	-	то			LOGGED 8Y	<u>K Ishi</u>	kawa
BEA	RINC	3 OF	ANGL	E HOLE				со	RE RECOVERY <u>97</u>	9 %	<u></u>		
	ME		RY	⁴ z ^b α		a				WATER			Ň
DEPTH	ROCK NAME	100	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER -ING	HARD.	CORE	DESCRIPTION	WATER	PRESSURE TEST	DEPTH	ELEVATION
	ğ			0 × #0	8	WE/	Ŧ	មភ្ល		LEAKA	GE OF DRILLING WATE		_
16 Om			D = 100				<u> </u>	<u> </u>	<u></u>			40160m	
								3	160.00 ~ 180.00 m	0.3		ովո	
1							-	2		(Pm	x 21 99 kg /cm	E .	
			###						Fresh and hard.				
2-							i	3	Good rock			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
							Ì			0.3	-u	عمداء	
3-1			拥			t	ſ		Cracks stained a little.			2) 2)	
111			HH.				!	2		{ Pm	ox=2457 kg /cm	۶ <u>۴</u> .	
4-1			HHH.									4	
5												4 111115 11111111	
			ŦŦŦĨIJ					3				in the second se	
6								Ľ		04	Lu	Ee	
			拥制			2	2	2		1	ax = 21, 54 kg/cr	F	
7-			11111					3		'[,"		F7	
			24111					2				1	
8			11		L_		ŀ	3			╺╍╎╴╎╴╎╴╎╴╎	- E 8	
1			1111		grey								
9-			1111							23	Lu	<u> </u>	
1					tight			2		(Рл	ax=2 L2 9kg/c	m²Ē	
170-			扣卌		1		<u>۱</u>					E-170	
	ite		HIII		greenish			3					
11	Q uor tzi te				eel			2				LE.	
2	5 uo				5			3		04	Lu	2	
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190 -		<u> </u>		l	<u> </u>	Ļ	Ļ	Ļ				E 180	<u> </u>
			8, 8			ł	t	1,,	F duiller's note 4 itsk), 2 (substick), 3 (piece), 4 (fragment), 5 grain	•			
		ł	Ma N	– core loss			1		- 5 (soll)				
			Ł	- RQD		10	lresh)	₹ 5 (d	(composed)				

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GEOLOGIC LOG OF DRILL HOLE

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	1	Dei	Nec	-		JE								
				xis.Right	_			DE	TH OF HOLE		<u>o Dri~.</u> 10 m	COMMENCED		
ELE				38779			- 1		TH OF OVERBURDEN		<u>5</u> m	COMPLETED		
coo	RDI	NATE					_		NGTH OF ROCK DRILLING			DRILLED BY	NE.	
				ZONTAL			-		TAL LENGTH OF CORE			LOGGED BY		
BEA	RING	G OF	ANGL	E HOLE			-	со	RE RECOVERY	<u>97</u>	<u>9</u> *			
	¥		μγ	₹					RVATION OF CORE		WATED	TABLE		z
DEPTH	POCK NAME	100	CORE RECOVER	CEMENT TION KIND OF BIT CASING	COLOR	NG HE	ESS	RE LING	DESCRIPTION			PRESSURE TEST	DEPTH	ELEYATION
ā	POC -	-	° a≊	<u>n</u> <u>z</u> eo	ŝ	NEA.	HARD. NESS	CORE	DESCRIPTION			E OF DRILLING WAT		ELE
18 Om			0 → 100	_						¦		LUGEON	40 18 Om	
			#H#H						1 80.00 ~ 200.0 0m					
			HH.	ļļ			ļ		100.00 200.000				ահուլ	
1	ĺ		詽昍				1		Production and found		0.3	Lu		
			翻曲						Fresh and hard		(Pma	x 23,79 kg/cn	٩ <u>ٿ</u>	
2-1			2002						Good rock.				E ²	
	-		1111					2	Cracks stained				E.	
3-1			拥们							1			n n n n n n n n n n n n n n n n n n n	
							{		a little.	ļ	04	LU	6 1	
	ĺ		144AD										<u>4</u> 4	
54			HHH.								(Hmo:	x=23.79 kg/cn		
			翻					.4					15 10	
6	1		24911							1			E.	
			HH1					2					6 E	
		╒╶┨	HHH I					-1		ļ	04	Luj	Ē,	
			tΗΠΙ					2					21 1	
8			Ŧŧ					3				x=22 79kg/cm	E	
			ŦŦŦIJ										F 8	
9			1111		2	1	1						E.	
	e	{	tHHH		gre								9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
190-	artzite		HHH.								50	Lu	E	
	- P		121721		pale						1 1	x=21.69 kg/cm	1 1 1	
11	S		HH.		ă							x-21.03 kg/citt		
			HHH.		ے.								ւհամո	
24.		{	HHH.		greeni sh			2			_ .			
		- 1	把把		ree								2	
3		{			ŋ					ļ	0.4	Lu	E_3	
					1							x=2169kg/cn		
4			HH1										Ë4	
			[[]]											
5-			ŦĦЦ					3		ļ		╶┨╍┥╴┦┈	- 5	
											11		E.	
6	ł	{	HHH			ļ					bЗ		E-6	l l
1		- 7	曲曲									x= 2 1.99k g/cr	E	
7	ļ	: I	####								1 1			
		= ±						2						
8	ļ	- 7						6		ļ		┼╢╍╄╴╎╌		
	t	- +	曲曲							- 1	Ľ			
9	ł	[HATH		l					ļ	03 (Pm0	122 09 Yo/or	21 - 9	
		- 7											۲ <u>۴</u>	
200 Ē		<u></u> [E 200	
		Ę	8, 8			t	Î	1		6				
		Ł	N 164	- core loss			1			a geain				
			L	RQD										
			core loss 1 (stick), 2 (substick), 3 (piece), 4 (fragment), 5 grain 1 (hard) ~ 5 (solt)											

		0 1						.00	IC LOG OF DRILL I	I IMU.		_	
	_)JE(_						-
				48						m 5_m	COMMENCED COMPLETED		
						_	_	_	NGTH OF ROCK DRILLING		DRILLED BY		
ANG	iLE	FRO	M HORE	ZONTAL		90	•	τo	TAL LENGTH OF CORE	m		K. Ishi	kawa
BEA	RIN	g of	ANGL	E HOLE			-		RE RECOVERY				
\square	щE		R	4.7.4 (A					RVATION OF CORE		TABLE		ž
рертн	OCK NAME	L O G	CORE	CEMENTA TION KIND OF BIT CASING	B	Ë	ES.	CORE	DESCRIPTION		PRESSURE TEST	0EPTH	ELEVATION
	õ	-	L S		ខ	WEATHER	HARD. NESS	85		LEAXA	GE OF DRILLING WATE		Ĩ
Om			0 → 100 %)	LUGEON	40 Om	
	ВQ	Δ				İ			Q O~ Q75m Core loss			In l	ļ
11									075~ 575m				1
		+							Granite. Medium grained.			шы	
2			HHH.			ĺ	l		Massive.			2	1
		+-			вy				Slightly we athered.			Ē	l
3-	е •••		HH		grey			2	Cracks stained.			<u>-</u> 3	
	Granite				light		ł	[ļ
$\frac{1}{2}$	ي ت		HHH	[ļ≓							ունունակականությունը 10 1 2 10 10 10 10 10 10 10 10 10 10 10 10 10	ļ
		+				l	ł						
5-1			#####				[5	
		+-				2	2	3	575~6.65m			E.	1
	Gп	+	HH		grey			2	Gneiss Biotite rich band remarkable			Ē	l
					6	1		3	6 65~ 22 70m			Ē,	
	i	4	71111			l l	[Granite Medium grained			E'I	ļ
E ₈			HHH					2	Messive.			E-8	ļ
				ļ					Biotite rich band at				ł
9		+	詽田	i i				4	8.0~820m 17.70~18.00m			E-9	
								2	Slightly weathered.				1
10		+	HH					3	Cracks stained			01 -	ļ
			井井					2				-	ĺ
1-		$\left +\right $	ĦĦŧ			3	3	<u>د</u>	Foult clay at 1150~			E1	ļ
					٨	Δ.	4	4	11.65m.			- Lu	ĺ
2-3					grey				11. CONT.				
	Granite	+	#####		1t			2				1	ĺ
3-1	rar				įg							E-3	l l
	υ	+											
												Ē	
		+	HIH									5	
			HHH										
		T	扣批			2	2					E 6	
		-∔-	HHH					2					
,=]				}				H				Ē.7	
2 4 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7												E	
8-		+	翻出	}				1					
1		-+-				l	l					L L	ļ ļ
9-			期間			1						<u> </u>	
		+]				2				E 20	
[<u>50</u>]		<u> </u>		L		1	<u>ل</u>	ļ	► driller's note 4	<u> I </u>	┉╌└╌┶╌╴┖╶╄╾	<u></u> 20	
			\mathbb{Z}			1		1,0	tick), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
		'	ኑሮ 1	- core loss		1			- 5 (soit)				
			L	- RQO		1 (- 3(8	(Composed)				

	Mae	• C	haem	No. 5	PR	a c DIF	OL CT	.00			3		
					t A	buti	nen	t DE		m	COMMENCED		
ELE					48	0,	<u>n</u>		PTH OF OVERBURDEN 0.	75 m	COMPLETED		
coc	RDI	TAV	E				_		NGTH OF ROCK DRILLING		DRILLED BY		
				ZONTAL					-	m	LOGGED BY	K. Ishi	kawa
BEA	RIN	G OF	ANGL	E HOLE			_	CC		^b			*****
	ME		۲ ۲	۲					ERVATION OF CORE				z
ОЕРТН	POCK NAME	90.	CORE	CEMENT TION KIND OF BIT CASING	COLOR	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	l's	w SN		WATER	TABLE	06PTH	ELEVATION
õ	ŪQ4	-	RE C	5 2 2 2 2	ยี	WEATHER	HARD. NESS	CORE	DESCRIPTION		E OF DRILLING WATE		ELEV
2 0m			0 → 100					-	· · · · · · · · · · · · · · · · · · ·	_	LUGEON	40 Z Dm	
			HHH		5	-	 	1					
	e	+	HHH		grey								ľ
	Ξ	,	HHA		I II							Ē'	
1 1 2	Granite	+	HHH		gh t.			2				Ш.	
					=		Į	-				F ²	
					X			.	2270~2340m			Ē	
3-1	ы С	+	HHH		grey	S	z		Gneissosity dips 30~40			E 3	
			HHH		brownish light grey		1	3	23 40~24.80m				
4	Pg	\top	HHH		nwo hig			Ľ	Pegmatite			E 4	
				-	bri								
5-1		Ì			-			2	2480~ 39 20m			Ë 5	[
6	c	肀	HHH		grey			3	Gneiss Medium grained.			Ē	f
6	Ø		HHH I		Ō			2	Gneissosity dips 20~30°			E 6	
		封						- 1	26.60-2686m Core los			Ē	
7-		Į						-	Cracks stained			անականակակակակակությունը՝ 8 9 30 1 2 3	
		+ [Ē	
8-		ł	11111						Somewhat brittle along			E-8	
	1	ŧ [2	gneissosity.				
9		F	1111						giorocoury			E 9	
		ŧ										E	
30-		F	HHH I					3				- 3 0	
	iss	ŧ₽						2					
1 1-1	Gneiss	F	HHH		grey	2	z	3				<u></u> 1	
	Ŭ	ŧĮ	HHH		₽			2				Ē	
2		ĥ	HHHH					3				E 2	
		≠ľ										E-I	
3		ľ			[<u>-</u> 3	
1	4	ŧΪ	HHH		1	ľ		2					
4-		Ϊ										4	1
		≠ľ			ĺ	l						E	
5		' I						3				5	
	\uparrow								35.30~35 74m Core loss			E	
6	Ť	7],					3				E-6	
	ទ្ល	≠Ϊ					Į					Ē.	
7	Gneiss	Ľ	HHHI.		grey	2	z	2				<u> </u>	1
	ចុ	╪╢	31111		p.							Ę.	
8-		╧╫	1	ŀ		_		4	8.00-38.20m Core loss			<u>E</u> -8	
=		_ #	棚棚	İ	2		1	-†	CREWSCORE CONT. LOT P. 1081)			Ē	
9	5	ŧļ			grey							Ë.,	
	-	-#		ħ		2	2	2	3920~4310 m			Ē ĺ	1
40	σŀ	+ ł		-					Granite Medium grained			E 40	
		ľ				ł		•	> drillers note 4				
		V		core loss			1_		ck), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
			+	RQD		1			5 (soft) omposed)				

,	100	Ch	aem	No 5				OG			(SHEET 3	0F3)	
								DE		<u>* 5-</u> 1 	COMMENCE		-
ELE				.4						7 <u>5</u> m	COMPLETED		
			:				-	LE	NGTH OF ROCK DRILLING	m	DRILLED BY		
ANG	LE I	RON	A HORD	ZONTAL		90	•	то	TAL LENGTH OF CORE	m	LOGGED BY	<u>K. Ishi</u>	kawa
BEA	RINO	G OF	ANGL	E HOLE				со	RE RECOVERY	%		,	
	ME	_	۲۷	LTA DE					ERVATION OF CORE	WATER	TABLE		ž
ОЕРТН	POCK NAME	L O G	CORE	CEMENT	NO.	E HEI	LESS	CORE	DESCRIPTION		PRESSURE TEST	DEPTH	ELEVATION
ā	BOC	-	REG	<u>8</u> 299	8	WEATHER	HARD. NESS	ទទួ		LEAKAC	E OF DRILLING WAT		EL
4 Om			0 100 *								LUGEON	40 4 0m	m ▼
111		+							Cracks stained.			E	
		1	#####		grey			1				E1	
1	ite	+	11111					!					
2-	Granite	1 1	ШШ		light			'				E2	
1111	G	+	HH		li			2				Ē	
3-1								3				E 3	
- mhu			開制					Ĺ	43.10~50.70m				
4-		+				_	_		Gneiss Medium grained			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
						z	2	2	Gneissosity dips 20~30.				
5		+		1								E-5	
	s								Biotite concentrates				
0	Gneiss	+			grey			<u> </u>	at 4830~ 48.70m			Ē	
	G	,			Ъ		ł	ļ .				E,	
		ŧ							Crocks stained.			Ē	
6 7 8 6 7 8		+	扣扣					3				ովուսիսովությունը 1911-1911-1911-1911-1911-1911-1911-191	
		+	1911111	l		Į	3	ł		$ $ $ $			
94						[2	<u> </u>				-9	
		\bigtriangledown					3'	4	4900~49.95m				
50-1		\Box			7				Core loss			50	
	с О	+			grey	2		2				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1				1		·		┝	50.70~5600 m			<u></u>	
	Gr	+	HHH						Granite. Medium grained			1	
2-			HHHH	1	1 '			<u>}</u>	Hard and good rock.			1 2	
- Frank	tite	+			ev			2					
3-1	Ē	ŀ			Б	1	2	4	Pegmatite vein at			L S	
	Pegma		111111		light			3	52.40 ~ 54 20m.				
4					≝	l							
5		Ŧ										<u>1</u> 5	
	6	+			ļ		l						
6			PHP+H				. .					6	
l III									Not completed.			- II-	
7-					ļ	Į	ļ	ļ				E 7	
1							1					<u></u>	
8												- 8	
				ļ				l				L LL	
9-												Ē9	
- The second sec												60	
60 =			N N	u	L	1	4	; •	₽ deitlers note 4			<u></u>	
			0 6]			stick) 2 (substick) 3 (piece). 4 (fragment), 5 grain				
			1	- core loss		1			~ 5 (soll) (composed)				
				- 400		. (- (3					

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		_						UC.	IC LUG OF DRILL	- DMC			
				No.5 ed (left				0.5	HOLE N	<u>05-2</u>	COMMENCED		1080
ELE			NI <u>ver D</u>	332.8			-			<u>4</u> m	COMMENCED COMPLETED		
000			NZ	14,695.4 43,832	36				NGTH OF ROCK DRILLING 99		DRILLED BY		
				ZONTAL		15	•			52 m	LOGGED BY	K. Ishi	kawa
				E HOLE			-			5.9 *			
	Ψ		>	<i>a</i> .					RVATION OF CORE				z
DEPTH	NAN	r o c	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	Я	HER G	SS	RG		WATER		ОЕРТН	ELEVATION
ä	ROCK NAME	- ا	Ŭ E E C C	CEM	COLOR	WEATHER	HARD. NESS	CORE	DESCRIPTION		PRESSURE TEST		ELEV
0m			0 + 100			5	-			COMMO	LUGEON	40 0m	
			นักเกต		w.				0.0~210m			1	
	soil				brown				Silty fine graind sand				
		Ì	<u>HHH</u>		K K				included fine pebble.				ļ
	Top	$\left[\cdot \right]$	HHH		dark				Somewhat humic.			ահուսիսուր հատկությունը	
2									2 10 + 800m			E ²	
					brown				Silt.			E.	
1 3			ANNA	ļ	٩				Hormogeneous grain.			E-3	Í
					bale				Included mica flakes			Ē.	
		-							INCIDED MILL DUKES				
5		-	144 A									E,	
												Ē	1
												E B	
7-												մասիդ	
	рц		HHH									Ē	
8-	SQ								8.00~8,10m			8	
	σ								Boulders of Quartzite				
	grained	000			5				sized 5~6cm.			E-9	ļ
1 4	grc				brown				810~880m				
-01	Fine	_							Silty fine graind sond.			10	
	Ē		XHHH		yełlowi sh				8.80~ 9.30m				
	1		HAH		Mo		1		Boulders of Quartzite			հայ	4
	Silt			{	/e}				sized 5 ~ 10cm.				
2-					æ							1.12 1.12	1
					pal				9 30 ~ 350 m.				
3-			PUU.						Silt	1 1 1			
			HHH						Homogeneous grain				
4			1999						Included mica flakes.			<u> </u>	
			HAH										
5-			SNN							111		1 5)
=				1,									
6-					i							E e	1
				1									
7-				}									1
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8-				1								- 8	
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9-				Į								9	
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20 1			ANNUT ANNUT	L			1		> driller 5 ngte 4		F I _ I _ I	<u> </u>	
			8			Ĩ	Ī	 1 {s	tick), 2 (substick), 3 (piece), 4 (fragmant), 5 grain				
		1	1 K M	- core loss			' 1(hard) ~	5 (solt)		٠		
			L	- RQD		1 (1	resh) ·	- 5(dı	composed)				

GEOLOGIC LOG OF DRILL HOLE

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		<u></u>		- 6				OC	HOLE N	HOL DM	_ <u>F</u>	_	
			em N Riverb	o 5 ed (left)JE($\frac{10.5}{0}$ m			- 1980
ELE				332		_	- 1			<u>14</u> m	COMMENCED COMPLETED	.lun -22	-1980
			:				-		NGTH OF ROCK DRILLING 99		DRILLED BY	<u>van 22</u>	
ANG	LE I	FRON	A HORE	ZONTAL		45	-			<u>2</u> m		K. Ishil	
BEA	RING	g of	ANGL	E HOLE			-	со		9 %			
	ų		2	ά.				oest	RVATION OF CORE				z
DEPTH	NAS	00 10	CORE RECOVERY	CEMENTA- TION KIND OF BIT CASING	Я	HER	ESS.	E ING			ER TABLE	DEPTH	ELEVATION
20	ROCK NAME	-	REC C	CEN CEN	COLOR	WEATHER	HARD- NESS	CORE	DESCRIPTION		ER PRESSURE TEST LAGE OF DRILLING WATE		ELEV
2 0m			0 = 100			2					LUGEON	40 2 0m	Ţ
			ŔRHI			-				ÍΤ			
		┝──┤										udunlauhunlauhundauhu	E E
11-3				}									
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2-												Ē ²	{
			INNA									Ē	
3-												<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	
4-		-										4 4 5 8	
1		_										E I	
5												5	
													1
6-												E 8	
	J				brown							i.	
7-	sand				2 or							<u></u>	Ì
												չիստիստիստիստիստիստիստիստիստիստի 30 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
8-	Ded				yellowish							E -8	
	:el				ş								i i
9-1	5	-			уе							E-9	
	e				e							E I	
30-	ŭ L	-]			pal							<u></u> <u></u> 30	i i
	닏											E I	
1	: ≣S		HHH									E-1	
	~											Ë.	
2												E_2	
	ł											E I	
3												Ē.3	
	ł											Ē	
	ľ											E	
		1	HNN!						35.00~3590m				
	Į	-1							Silty fine grained Sand.			4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ļ
	Ĩ	$\overline{\nabla}$							orny time grunned ound.				
		Ъľ										E	
	ł	୍ଯ			2				3590~38.00m			E~6	1
		여			grey-dk.grey				Boulder of Gneiss.			1 1 1 1 7	
7]	Ē	2			Ī				Sticky core sized 10~30cm.				
	Ì	UI			- E								
8-1	f	:							38.00~ 40.40m			E-8	
		ļ							Medium grained Sand.				ł
9-1					9rey				Included pebble or boulder sized 0.2~10cm at 39.50~			E-g	
		0,	HTH I		đ				40.40m			40 L	
<u></u>		رات م ۲	N N				1	4	For a contract of the second seco				J
		E						1 (51	ick) 2 (substick) 3 (piece) 4 (leagment) 5 grain				
		Ú.	י∧ ה <u>ןי</u> ו	core loss		l	10	vard) ~	S (soft)				
			L	RQO		¥ (I	resh) -	- 5 (de	composed)				

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			aem		PRC	_	<u>T</u>		HOLE N	0.5-2	<u>2 </u>			OF 7		
LOC			River	rbed (let		_	-		PTH OF HOLE	<u>, 0 m</u>	CON	AME	INCE	ερΜαι	$\frac{1-21}{2}$	<u>-1980</u>
	VAT		<u> </u>	332.8	<u>U</u> /		1			4 m	CON	IPL	ETE	D Jui	1-20	_1981
			_				-		NGTH OF ROCK DRILLING 99				D BY			
				ZONTAL	_	5	-	то		<u>2</u> m	LOG	GE	D BY	r <u>K.</u>	lshik	awa
BEA	RING	G OF	ANGL	E HOLE	_		-	CO	RE RECOVERY	<u>5. 9</u> %						
	ME		RY	<u>م</u>			_	OBSI	RVATION OF CORE	WATE	TABLE	_	_^^		_	ð
DEPTH	ROCK NAME	00	CORE	CEMENTA TION KIND OF BIT CASING	B	H P	SS:	E S		1	R PRESSI	- 195 1	—γν ιεςτ	<u>ا</u>	DEPTH	ELEVATION
DE	ç	-	REC	19 1 1 E C	COLOR	WEATHER -ING	HARD. NESS	CUTTIN	DESCRIPTION		GEOFD			ATER	ă	ELE
4 0m			0 -+ 100			*						EON			4 Om	
	_	'0'D	समापे							Ĭ					:	
	Рg	Т			ti gi ji Vrg		3	2	40 40~ 40.89m Pegmatite						-1	1
1-4		-	1949III					3	40.87~ 44.55m						1	
		=	1711111					2	Gneiss.Medium groined.							
2			抬[[[]		еy				Gneissosity dips 40- 60.			ł			-2	
1	6	+	8000		grey			3							-	
3-	is		34HIII			2			Biotite somewhat weathered	.					-3	
	Gneisa	‡	11111		dark				Generally dense and hard		17	2	Lu		3	
4-1		T	1111	l I	-0		2		rock deeper than 41.3m			Ļ			-4	ļ
m							1									
5-	e	-			grey			2	44.65~4680m			<u> </u>				
1 1	Pegmotite	1			9				Pegmatite.						6	
6-	Ĕ		ИЦЦ		ght				Coarse grained.						- 6	
	a B		HH111		l i ç				Crystal size l=3cm.							
7			111					3	46.80~4940m	4	9	μ			7	
	Gn	‡	111111		dark grey			2	Gneiss Medium grained.			1				
	0	$\dot{\times}$		[:	90				47 70~ 4800m_Core loss						-8	
8	ß	+	拍拍									Ι				
	Gneiss		11111		dark Orey							1			9 50 1	
9-1	G	‡	111111		ခွခ							1			9	
			HHH						4940~530m		5.	4	Lu		-	
50-		+	HHH	1					Pegmatite.						- 50	
1	ə		HAH		grey				Coarse grained							
1	Pegmatite	+	HHH	1				Ì				┢	<u> </u>		-1	
1	Ĕ				ight			2								
2	P	+	1111		-		-					1			2	
			HHH			1	2				7	0	Lu		-	Í
3-	ۍ ق	-	HHH					3	53 0 ~ 53 30m						-3	
1									Leucocratic medium grained						-	
4		+	HHHH						5330~5630m	┠━┼━┤			┞──┼		-4	
	s		11111				l	2	Gneiss, Medium grained.							
5-	Gneiss	+			y			l i	Weak gneissosity			ļ			-5	
141	Gn		HHH		grey			1	HEAR GHEISSOSHY.							
64		=	HIJH					3			5.	1	Lu		-6	
	ß	Ŧ	#####		lion Dry			ا ا	56,30~56.80m	1					-	
7	┛		11111		= 6				Pegmotite			_	$\left - \right $		-7	
		+	HHH I					2	Included large Blotite	1						
8-	s	+	HHHH		eV.				5680~61.00m			ł			- 8	
	Gneiss	+	HIII		grey			3	Gneiss. Medium grained.			l				
9	Sne	+	11III		ι×				Weak gneissosity.		4	8	Lu		-9	
2 1		+	HHH		dark			2	Sometimes included			1			9	
60 3		+	111111						pegmatite vein.						60	
			N			+	1	ŧ	s driller s note 4							
			8 B)	_		1										
		,	1	- core loss		1										
			L	<pre>b driller s nate 4 1 (stick) 2 (substick) 3 (piece) 4 (lragment) 5 grasn</pre>												

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								00		HOL	E C		
	lae		dem Diver		PRC						2 (SHEET 4 COMMENCE	0F 7)	1980
				bed (lef			_			<u>).0</u> m).4 _m	COMMENCE	Jun _ 22	-1980
ELE				332	80	<u> </u>	2) <u>oan-ee</u>	
C00				7011741		15	•		NGTH OF ROCK DRILLING 99	<u>20</u> m 5 <u>2</u> m	DRILLED BY	K. Ishi	kowa
				ZONTAL E HOLE		<u></u>	-	-		<u>1</u> 2%	LOGGED BI	10 13 11	<u>KGNG</u>
		-01								<u>≏ = </u> %			<u> </u>
1 1	NAME	J	<u>}</u>	1 3 b g		<u>a</u>		-	ERVATION OF CORE	WATE	R TABLE $-\psi$	<u></u> =	ELEVATION
DEPTH	POCK N	0	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER ING	HARD NESS	CORE	DESCRIPTION	WATE	R PRESSURE TEST	DEPTH	
	ğ			0 280	ŏ	×ε	¥н	ŭ		LEAKA	GE OF DRILLING W		_
60m			0 - 100							 	LUGEON	40 60m	Ť
-	_	-	HIIII		22			3					
1-1	G	+	HUU		dork	I	2	<u> </u>				1 E1	
	e		HIIII		Į I	2	3	{	61.00~63.00m		2.8 Lu		
2	Pegmatite	ł	開出		grey			2	Pegmatite.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	ŭ			1			2		Biotite concentrate at 6130~6160m	11			1
3	പ്	Т	##III		light			_د_	<u>Hoir cracks remarkable</u>	_		E3	
1 7		4	HHH		1			1	63 00~65 00m				
4	_	+	AUAA		<u> </u>		ļ		Gneiss Medium grained	ļļ		4 1 1 1 1 1 1 1	
	ອ	+	####		grey			2	Gneissosity remarkable.				
5		+			ō		ţ	1	_ Good rock.			ահողութ	
			HHH						Cracks no stained.				
0 6 1 1 1 1 1 1			HHH		i i		1	L				6	
		T	HH								0 3 Lu		
1,			HHH]		3	6 500~ 7465m			E7	
		T	HHH					l	Pegmatite.			ր հետրութ	ļ
8		_	EALA]				regnianie.			8	
		T	H			l	l	[Ē	} }
9 70	- 03	-	HIIII	8						┝	┟╸┼╶┠╼┩╾┼	<u>F</u> g	
	Peg mati te	T	UUUU	8				{		1			
70	Ĕ			8	>				Good rock.			- 70	
	6a	Т	HIIII	1	grey	ί.	1	1.			0.05 Lu		1
			litti			! '	Ľ	1.	Cracks no stained			يىلىساسى ا	l ł
		T	h	ł	j ti]					1	
2			AAAAA	ł	-	l	Į			┠_┥	┟╾╎╴┞╼┞╼╢	2	ļ ļ
			HHH				1					Ē	
3			RHH	1			ļ	1				հորց	1 I
			HHH	1			Į						
4			HHH			[1	ł				E-4	
		T	HHH		ł				 				i l
5-		Γ.	HHH	1	<u>د</u>	1		1	74.65~75.77m		0.01 Lu	5	
	ច	+	HHH	1	grey				Granite Fine grained				{ {
6	5	-		Ð	E E	1			2577-7630m Pegmatite.	1		E 6	
	<u>a</u> 5	$\frac{1}{1}$	拥拥	1	Ē	1		l	7630-7660m Gmnite Fine grouned			L L	} }
7-			HHH			1		1	76.60~			- E-7	
		-+	開開	1			ł		Pegmatite.				1
8	lĘ	[1	H]	Ley	ł			Consist of mainly Qz and	╬╌┼╴	┼━┼╶┼╼╀╶┨		
	Pe gmatit		HHH	3	5	1	1		Felds			l E]]
<u>_</u>	e g		HHHH	1		[Dotted Biotite. Good rock.		QQ3LU	- 9	1
	<u>ц</u>	ΙT	PHAH					1	Cracks no stained.] [
80	L	Ľ	nhhh	<u> </u>		Ļ	Ļ	<u>1</u>	<u> </u>			8 0	LI
			ИÅ	3		1	t	.t.,	» drillers note 4 stick) 2 (substick), 3 (piece), 4 (tragment), 5 grav				
			МŊ	Core loss			١,	-	~ 5 (sofi)				
			Ł	RQD		1			ecomposed)				

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LOCATIO ELEVAT COORDI ANGLE BEARING	ION NATI FROI	E	Ded (lef 332 ZONTAL E HOLE	.80		<u>n</u>	DE LE TC	PTH OF OVERBURDEN 49 NGTH OF ROCK DRILLING 9 DTAL LENGTH OF CORE 10	0,0 m 0,4 m 96 m 6,2 m 5,9 %	COM COM DRIL		<u>May_21</u> Jun <u>-22</u> K. Ishi	2 - 19
DEPTH ROCK NAME	901	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER	HARD. NESS	<u></u>	ERVATION OF CORE	WATE	ER TABLE ER PRESSU AGE OF DR			ELEVATION
See Decision ion< th=""> <thdecision< th=""> <thdec< td=""></thdec<></thdecision<></thdecision<>													
Pg	Т			E è			2					ւսու	
E	 +	翻曲					1.	-	┨┤╌	┼╌┨╾┥			
	+			0 D D D D		2		• • • • • • • • • • • • • • • • • • • •					
	-							81.90~8900m					
3	'											E -3	
	┭╏	HH					2	•					
	_[~				locally.		╞╼┥┥		-E 4	
5 0	1			gre.	1		3					E.	
- H	ΤĒ			1 1		Ŧ		Good rock			61		
6 E	į			lg : 1			2					6	
J Pe	Τļ												
	_ [i				[
8-	1						3					E.	
	ΤË						2			0.0	4 📖		
9	Ż				-		3	Coro lorg				E 9	
				2			2	87.50~9180m					
	Ŧ	H		a			3	Gneiss. Medium grained.	-			- <u>-</u> 90	
	‡	ШH		高		4		Permutite Granite at					
	. 1	錋		=						00) էս		
2	ŧ			\neg				9180~96.00m				2	
								Gneiss Coarse grained					
	ŧ₿	錋		2						-++			
I	ŧ∦		ł		.	2	1	1		6.0	4 Lu		
				품								Ľ,	
5 1	ŧ₿		·	Ψ				Cracks on stained.				E-5	
	_ ₽	翻翻											
*	ſ₿	田田				- [t	96.00~97.20m		-++	-[-[-		
7	ł		ľ		-	\square		rich.Gneissosity dips 60				Ē,	
	+						ſ	~70!		0.1	Lu	۲, ^۲	
8	ł	曲		2				1				Ē-8	
- ini-	+ 🛱	ΗĤ		<u>p</u>		ι							
3 70 1	↓Ħ							Good rock.	+		┼┼┥	- <u></u>	
I	<u> </u>]							Cracks no stained.				E 100	
	U						}	•					

GEOLOGIC LOG OF DRILL HOLE

	Mae	e Ch	noem	No.5	PRC				HOLE N		ŅĊ "Ś	EET 6	OF 7)	
				ed (left				DE	PTH OF HOLE 140).0 m	COM		May 21	_1980
ELE	VAT	ION		332	.80)7 _п	1			<u>),4</u> m			<u>Jun -22</u>	
		NATE				15	•		NGTH OF ROCK DRILLING 99			ED BY	K LL	<u>, </u>
		. – .		ZONTAL E HOLE		+0	-			.2 m .9 v	LOGO	SED BY	<u>K. Ishii</u>	
<u>,</u>							-		RE RECOVERY	<u></u> %			<u>r</u>	
E	ROCK NAME	5	CORE RECOVERY	NTA ON PO	~	а ш.,				WAT	ER TABLE		<u>-</u> <u>-</u>	ELEVATION
DEPTH	ž	r o	ECORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER ING	HARD NESS	CUTTING	DESCRIPTION		ER PRESSUR		DEPTH	A I
10 0m	Æ		0 → 100			3	I	22		LEAN	KAGE OF DR			
	<u>-</u> :	÷	นหน่า้				_		Granite cuts Gneiss at 20-30 dip.	<u>1 1</u>		1-1	40 100m	
	Б	‡	HHH		d k grey				100.20~100.90m Gneiss Gneissosity dips 70					1
1-	ত	+	Ħ						Gneiss, Gneissosity dips70. 10099-10135m Granite, Medium, grained		p. q	5 L.u		
2	ទួ	+	HHH						10135~102.10m Gne iss.				LE,	
1	Gneiss	Ŧ							Gneissosity dips 70				2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ł
3	ອ	‡	#####											Ì
									10310~115.90m		ad	7 Lu		
4-		+	HHH						Granite. Medium grained				4	
			期期						Mossive.					1
5		+	翻翻						Weak gneissose texture		╂╍╂╶╂			
6			HHH						at 106.00~ 10630m.					ļ
6		+	1919										E	ļ
7									Pegmatic Granite vein					ł
8		+							at 103.20 ~ 103 35 m and	N N	Vo Te	st		
		\	HHH		~				10800~108.50m.				IEI	
9	e	+			grey				Vertical crack somewhat					1
	anite					1	T	1						
1 10-	Gr	+	把開						stained at 108.50~				E-110	1
									IO8.80m. Good rock.					Í
1-		+	拥拥				:		COUL LOOK,		┼╼┼╶┟		<u>├─</u> Ё╹	
2		+												
3		, I	HHH		l	į						Lu	E	-
		+	拥拥											·
4		+	HHH		ł									
														1
5		+	ЯЩ										5	
II			HHH									7 Lu		
6.1			田田						115.90~118.44m				6	ĺ
	te	+	HH		green				Pegmatite					
7-	Dat		HHH						Chloritization.	╞╌┞╼	┽┼┼	━┠╸╏╴		
7	Pegmatite	+	珊洲		a le									
8-			HHH		<u></u>				10 44740 00		0	5 Lu		
- 9 1111	5	±	翻翻		25				118 44~#880m Gnelss 118.80 ~119.50 m					1
, ni	ษั	+	HHH		ള				Granite, Massive,					
120 3	ຍ	<u>+ [</u>	444444		28 28		2	Ļ	l 19.50 ~ 12070 m Gre 1\$3.	L_			E120	
		ļ	8,8			t	t	†,,,	> drillers note 4 lick), 2 (substick), 3 (piece), 4 (fragment), 5 grain					
		Ľ	N BA	core lass			1		-5 (selt)					

2 - 40

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_	_							ΟĿ	HOLE N				
<u> </u>	Mae	Ch		<u>10.5</u> rbed (let	PRO			DCI		05-7	COMMENCED		_ 1980
ELE'			<u>RIVE</u>	332						<u>.y</u> m <u>14</u> m	COMMENCED	Jum-22	- 1980
COO							•		NGTH OF ROCK DRILLING 99		DRILLED BY		
				ZONTAL	4	5				5.2 m		K. Ishi	kowo
				E HOLE			•			19%	2000222 01		<u>ANU.</u>
									RVATION OF CORE		· · · · · · · · · · · · · · · · · · ·		z
Ξ	NAME	9	CORE RECOVERY	NO ON NO	~	<u>۳</u> .,					RTABLE		ELEVATION
DEPTH	POCK	r o	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER	HARD NESS	CORE	DESCRIPTION		R PRESSURE TEST		TEA
	8		œ 0 → 100		0	ž	H	ីបី		LEAKA	GE OF DRILLING WATE		_
120m			រា អាអាអោ									40 120m	
	i ss	±	ΨЩ		rk grey		2		Gneissosity dips 10~40			E I	1
	Gnei	-	HHH		dark 91							E1	
		+	HHH						121 20 ~ 122.10m Granite. Medium grained. Pegmatite Grainte at 12167-12210		004 Lu	Ē	
2	Gr		田田							m		F 2	1
			11111					1.	122 10 - 126 20m				
3		+	HHH						Gneiss Coarse grained.		┝╴╏╼┥┉╏╴┠╶┥	2 1 1 1 1 2 1 1 2 1 1 1 2 1 1 1 1 2 1	
				1	2			} '	Porphyroblostic			E I	
4-	Ś	+	H		grey		1	ŀ .	plagioclose.			E 4	
5	Sis		il lli	1							009 Lu		l
5	Gnei	‡	HH]				}				1	
		•		}									
6-		+	91111	ł				Į		[-	│ ┼┙<u>┤</u> ┨ ┨ ─	- <u>F</u> 0	ļ
					g rey grey		2		12620-12680m Gneissosity dips 30*			าปเขมในเป็นเป็น 8	
7-					еy				12680 - 127.60m Granite. Medium grained. Massive.		0.06 Lu	Ē7	
	ত	+			6				<u>Crocks somewhat stained.</u>	ļĮ			ļ
8-		Т						2	127 60~131.10m			Ē-8	
									Pegmatite.			L L	
	te	Т					Į –	├	Biotite poor.	$\left - \right -$	┟┈┠╌╏╴╏╾╏╼╸		ļ
1	natite	,	HHH									Ē	
130-	eđ	T	HHH		2	1	1	1				E-130	
	Ъе Г		HIHH		grey		l	Į					
1-			HHH		E		i i	ŀ					
			HHH		1 E				131.10 ~ 136.00m			130 100 100 100 100 100 100 100 100 100	
2-		ŧ			-		ļ	ļ	Gneiss Medium grained. Weak gneissosity.	┠Ң	╎╶╎╶╏┉╏╸┠ ━		
	S S												
3.	Gnei	+	HHH	8					Gneissosity dips 40~603 Biotite poor			1 1 1	
	σ	ŀ		ł			ļ	ļ			0.08 Lu		ļ
4	 	\sim	Ŧ	H			–	\vdash	core loss				
	<u> </u>	\cap	HH				1	1					
5-	3	+		H	_		ļ				╏╺┧┉╡╸╏╶╏ ─	┼╌╞╴╸	
	Gneiss	'			grey	1							
6					1	E			136.00~137.40m	4		E e	
		T	H	1	ŧ	ł		1	Pegmatite	$\{ \}$	008 Lu		
7	P	1		1 I	=		Ι.	1.	Massive.			-7	
			HHH		F	1	'	1	13740~ 14000m	1		🗄	
8		+	HHH		1	l	ł	ł	Gneiss. Medium grained.	\vdash	┊╽╼ ┼┅╉╶╁╌		
	ŝ	1	HHH	1	2	Į			Weak gneissosity.				
9-	Gneis	+	HHH	1	grey	ļ	1	1	Quartz veins locally		0.06 Lu	- 9	
	່ງອັ	Ι.	開開			ł	1		developed			l F	i i
140	1	<u> </u>	ЩЩ	1	<u> </u>	L.,	<u> </u>	!	I40.0m + dedlers note 4 Bottom of h		┶╌┙┯┥╴╹╴╹╸	1 140	LJ
			84			ł	Î	1,	Forelier's note 4 DOTIO(II OL II stick), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
			KN 65	L core loss			١,		- 5 (soft)				
			Ł	- RQO		•	(tresh)	~ \$(0	(ecomposed)				

GEOLOGIC LOG OF DRILL HOLE

		C L-		la 5	U PRO			OG	IC LOG OF DRILL I HOLE N		S (SHEET 1 C	- 4 .	
			iem N					DE		0 <u>0</u> m			•
ELE			~ <u></u>			. п	-			. 0 m	COMPLETED		
							_		NGTH OF ROCK DRILLING		DRILLED BY		
				ZONTAL		0				95 "	LOGGED BY	K. Ishil	kawa
BEA	RING	G OF	ANGL	E HOLE		-	_	со	RE RECOVERY 98.	6 %			
	E.		<u>۲</u>	٠.	[(OBS	RVATION OF CORE				z
DEPTH	NAME	00	CORE RECOVERY	CEMENT TION KIND OF BIT CASING	r.	WEATHER	SS	Luc I			TABLE	н	ELEVATION
DEP	ROCK	Ľ	2 2	CEMENT TION KIND O BIT CASING	COLOR	EATI	HARD NESS	CORE	DESCRIPTION		I PRESSURE TEST GE OF DRILLING WATE	1 - 1	ELEV
	æ		0 → 100			3	-	-0		LEANA	LUGEON	40 Om	
Om	Gr		เหน่หม้		2			_	0.0~0.40m Gronite. Medium				
-		- <u>-</u>	4411	ļ	片		1	3	055-095-040-055m Gneiss.				
1-	ġ	<u>+</u> .			<u> </u>				grained Massive.			E1	l
	6	+	###		<u> </u>			2	095~3JOm				
2-	i ss		##	1	2	3	3		Gneiss. Medium grained. Gneissosity dips 30~50°.			E ²	
	Gnei	+	##		بة 19			3	Weak gneissosity at 1.15 m ~ 1.60.			Ē	
3-			HH		dork 0			2	~160.			E-3	
1		+	HH						3.10~ 6.20m			Ē	
4			HII.					3	Granite Medium grained			udunhadankunkunkunkunkunkunku 6	
	ranite	+	HHH		eу				Massive.				
5-1	UD.		HHH		grey	2	2	1				E-5	
1	້ອ	+											
6-			HHH					2				Ē	
1			HHH		e y		_		6.20~9.00m				
7		+			gre	3	3	<u> </u>	Gneiss Medium grained			uluuluuluuluu	
	SS		HHH		rk ç	Э	3		Gneissosity dips 30~40°				
8	Gnei	+	HHH	·	0			2				<u></u> 8	
	G		HHH		ס								
9-1												E9	
1		+	HHH						9.00~ 12.00m			[=	
10		'					~	1	Granite. Medium grained. Massive.			E 10	
	nite	+			Σ		2		Gneiss interbedded at				
1-1	Granite	1			grey				9.50 ~ 9.55 m.			<u>E</u> ,	
	-	+	HHH I						Cracks stained up to				
2-			14HH						9.30 m. 1200~12.70m			E2	
	G	 	HHH		dork Grey		3		1200~12.70m Gneiss.			12 12 12	
	-		444		면역				12.70~ 14.50m			1 5 3 1	
	te	+	HHH I			2	2	2	Granite. Med um to fine			E	
	Granite	1.	HHH.		grey				grained. Massive.			E4	
		+-	HHH						5			uluuluu uluuluu	
	ច	#			g ey		3	ļ	14.50~14.90m Gneiss.			Ē 5	
	е 	+	HHH						14.90~16.35m Granite Medium grained.Gneiss			L	
	Gran i		曲曲		grey		2		interbedded at 15.70-585n			Ee	
6-1	ঠ	+	HHI					3	Cracks somewhat				
		4			2				stained up to 16.35m.			E-7	
7-		+	HHHH	1	Jork Grey	1	1	1	16.35~2540m			1 1	
				1	P-			2	Gneiss. Medium grained				
8 1	iss	#	開田	1	ev"		3	[Weak gneissosity at			1-8	
- Thu	Gneiss		HHH		lion				17.60~19.00m. Brown clay films at				
9-1	U	+	HHH		× v			3	17.00,17.70 and 19.30m.			1-9	
20					dark grey	Į	ł	2	Cracks stained.		$[\] \] \]$	1 20	
<u>164</u> ~				1	<u> </u>	ļ	ļ	, ł	> deiller a note 4				
		1	\mathbb{N}	ł				1+6	stick) 2 (substick), 3 (piece), 4 (fragment), 5 grain	1			
			va ND	core loss			' 1	(hard)	- 5 (soli)				
			[- RQD		10	(resh)	~ \$(d	ecom pased)				

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•

	Mae		baem	No. 5				UU.	HOLE N	DMC			
								DF			2 OF 8		-
	VATI				180						ETED		
coo							-	LE	NGTH OF ROCK DRILLING) BY		
				ZONTAL		90	-	то		5 m LOGGED) вү <u>К.</u>	lshil	(awa
BEA	RINC	GOF	ANGL	E HOLE			-			.6%	<u> </u>		
	AME	U	ERY	D OF V		æ			ERVATION OF CORE	WATER TABLE	-m	Ŧ	ŇŎ
DEPTH	ROCK NAME	Ō	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER	HARD NESS	CORE	DESCRIPTION	WATER PRESSURE TO	EST	DEPT	ELEVATION
	§.			5 ¥ #0	ŭ	ΜĒ	Ŧ	ŝ		LEAKAGE OF DRILLIN			
20m			0 - 100 साम्लया						c	LUGEON		2 Om	
		+							Gneissosity dip 20~30.			-	
1	ļ					3		2				- 1	
		ŧ				v		6	Brown clay films at			-	
2-			抑力		grey				21 10 ~ 21.20, 20.70and			-2	
	8	†			1				21.85 m			-	
	Gneiss		1111		dark							-3	
	υ	+			ď								
		+	HHH				2						
5		+										-5	
									25.40 ~ 26.50m			_	
6-1	Gr	+			ight Órey				Granite. Medium grained			-6	
	<u> </u>				20		-					-	i
7-		+							26.50 • 32.20 m			-7	
			1944						Gneiss.Medium grained. Gneissosity dips 30~40°.			-	
8-		+	11111						onessosity dips 30-40.			-8	
									Britlle along gneissosity			-	:
9-		+			grey				-			-9	
	Gneiss						3		Cracks stained.			-	
130-1	5	‡			dark	2						- 30	
		4	####		σ	-					. 5	[,]	
		‡	#####									['	
2		+	H111									-2	
	Gr	+			ƙauɓ		2		32.20~32.75m			_	
3	<u>.</u>	-	####		- œ				Granite. Fine grained. Granite curts gneiss			-3	
		‡							at 10~20° angle.			-	
4-	ľ	·							32.75~3830m			-4	
1		‡							Gneiss. Medium grained.			-	
5-			HH		grey			2	Gneissosity dips 40~60°.			-5	
	Gneiss	ŧ	珊				,		Brittle along gneissosity.			-	
6-	ŝ		挪翻		dark		3	3	Cracks stained.			-6	
_ T		+	翻翻		_	l							
7-		, İ						2				-7	
8		+	扣扣			ľ					E	-8	
	ট	+	圳		کو م			3	38,30 38.75m Gr. Medium groined, Massive			_	
9-1	<u> </u>		翻						GF, Medium grained, Massive 38.75~46.00 m			-9	
	в	+			dar k 9rey		2	1	Gneiss.Medium grained			-	
<u>40 - E</u>	-	{			ני				▶ driller s note 4			0 ه	
		ł	8.8			Ī	Ī	ľ 1 (3	p driller's note 4 (ick), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
		r.	NA KIY	- zare loss		l	1.0		5 (soti)				
			i	RQD		1 (resh) ·	- 5(de	composed)				

GEOLOGIC LOG OF DRILL HOLE

N	100	C۲	ide m	No 5		JE DJE		.00				_	
				is.Right				DE	PTH OF HOLE 150	<u>05-3</u>		3 OF 8	
ELE				48			<u>n</u>	ÛE		<u>10</u> m			
							_	LE	NGTH OF ROCK DRILLING		DRILLED		
				ZONTAL		ю_		ΤC		<u>95</u> m	LOGGED	өү <u>К I</u> :	<u>shikawa</u>
BEA	RING	3 OF		E HOLE						<u> </u>			
Ŧ	AME	U		¥zs o		æ			ERVATION OF CORE	WATER	TABLE	n,	No
DEPTH	POCK NAME	L O	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER	HARD. NESS	CORE	DESCRIPTION	WATER	PRESSURE TES		ELEVATION
	2 2		∝ 0 → 100	0 100	ŏ	3	1ž	<u>a</u> S		LEAKA	GE OF DRILLING		`
Om			ហោអាហ			<u> </u>				<u> </u>	LUGEON	40	0m 🚆
							{		Gneissosity dips 50~60°			E	
1-1		+	####										
1								1	Crocks stoined.				
2-		+											
	S.		拥拥		grey			2					
3 Burlinduut	Gneiss	+				2			Generally hard and			3	
	ΰ				dork	-			good rock.				
4-1		+			σ			I.	-			E 4	
			扣批									<u> </u>	
5		ŧ	Ŧ										
		ł						2					
			HHH						46.00~6500m			1 I F	
		+	HH						Granits.Medium grained				
		+							Massive.			1 E'	
8-1		' [HHH					1	Coarse grained Granite			1 I E	
		$+ \frac{1}{2}$	HHH						at 46.10~46.30m.			8	
9.4		'					2		Cracks somewhat				
		+	曲曲						stoined				
50-		' E			[0101100			5	。
4		+ ‡											
1-		F							Good rock.				
		+[2					
2-	ife	ł				1							
2	Granite	+			~	ł							
3-]`		F			gey							= 3	
		+ [ł									
4		l					ł	47				F 4	
	· ·	+ #						3					
5-1		I							Fault clay at 55.45			 5	
	P	285	扣		F	5	-	4	~ 5560m.				
6		. #	翻						Dip 30.				
		⁺∦							Remained original				
1		, Ħ						2	rock texture.				
	1	≁₿							INUN IGNIULC.			4 5 6 7	
		₋♯				1	2	-4				E~8	
6 77 8 99 9 9		┷╢	蚶Ⅲ					2					
	.	+						-					
60		· H										6	0
		Ľ	H. F			1	1		• driller's note 4				
			112	core loss			1/		ck), 2 (substick), 3 (piece), 4 (fraqment), 5 gram 5 (soft)				
			4	RQD		1 - 1 (In			omposed)				
				-									

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				_				OG	IC LOG OF DRILL I			or B .	
M_ 201		Cha NN C	em N Dam At		PRO Ab			DEF	PTH OF HOLE 150	<u>0 </u>	COMMENCE		
ELE					30	n	-			<u>0</u> m	COMPLETED		
coo	RDI	ATE	·				_	LE	NGTH OF ROCK DRILLING		DRILLED BY		
ANG	ILE F	RON	A HORE	ZONTAL	9	0	•	TO	TAL LENGTH OF CORE 147.9	<u>35</u> m	LOGGED BY	<u>K. Ishii</u>	awa
BEA	RINC	OF	ANGL	E HOLE				_		6.			
	AME	U.	ERY	NG PONA	-	æ.				WATER	TABLE	<u>-</u>	Tion
рертн	ROCK NAME	2	CORE	CEMENT TION KIND OF BIT CASING	COLOR	ATHE	HARD NCSS	CORE	DESCRIPTION	WATER	PRESSURE TEST	DEPTH	ELEVATION
Ľ	ĝ	_		5 280	ŭ	Ň	Ŧ	ΰŋ		LEAKA	GE OF DRILLING WAT		
60m			0 100 1111111	 		-				; 		40 60m	
1		+											l l
14								T					
		+	HHH			Ì	1						
2-			HHH		grey		2	2					1
	Granite	+					٢	3	Fault clay at 63.00m.				-
3-1	10				light				Dìp 80,°				
4	0	+	HH		-			2	Cracks stained a little.			-4	
		+	HHH]) ^c					
5			HHH			ļ	[3				5	
			HHH						65.20~ 68.75m				
6-		+				ļ	}		Gneiss. Medium grained.				
					grey				Gneissosity dips 30°. Brittle along gneissosity			Ē	
7-	Gneiss	ŧ	HHH	1			3	2	Cracks somewhat stained.				
7-	5	Į .			dark	ļ	ļ	ļ				LE.	
8-		+	HHH										
	 		HHH	41 21		11	\vdash	{	68.75~ 98.30m			E.o	
9-		+							Granite. Medium grained.			udanian kundanikan kundan Kundan kunda	
70-			HHH		1		1		Massive.			E 70]
	4	+	PHHH	1	ļ	ļ	1						{ _
1-		'	HHHH	1			ł	1	Cracks somewhat stained	1			
		+		1	1	}	1	{	Good rock				1
2-				ł				L					
		+		1	1			3	4			1 15	
3-				ŧ	[ļ		2					1
	Granite	+	H	1		İ	2	-				**************************************	
4	18	.	A	T .	چ	1		4					}
5		+	<u> </u>		grey			3				E-5	l
		+	HAHH	1	1	Ì]					
6-		['	HHH	1	Į	ļ		2				1 11 6	ł
		+						1					
7-	1		tillill		ł	l			4				1
4		+	H	H				1	White clay film at				
8-			HHH	H	1			-#	78,20~7840m			1 - 8	
-		+	HHH		l	l	ļ	3					
9-		.	H					2	4			-9	
80	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	+						3	<u> </u>			E 8 (<u></u>
			N	3		1	4	1	▶ dritiers note 4				
			12	core loss			1,		(stick) 2 (substick) 3 (piece) 4 (tragment) 5 grai) ~ 6 (soft)	п			
			L						decomposed)				

GEOLOGIC LOG OF DRILL HOLE

					PRC	JE	СТ		HOLE N	DM 0. <u>5-</u>	C 3 (SHEET 5		
							-			<u>0</u> m	COMMENCED		
ELEV COOL				48		<u> </u>	<u>n</u>		PTH OF OVERBURDEN <u>Q</u> NGTH OF ROCK DRILLING [<u>50</u>	<u>0</u> m	COMPLETED DRILLED BY		
				ZONTAL		0	•			95 m	LOGGED BY	K Ishik	awa
BEAF	RING	i OF	ANGL	E HOLE		_	_			6 %			
	¥		٣	<u>ح</u> يد .					ERVATION OF CORE	WATER	TABLE		Z
DEPTH	POCK NAME	100	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER ING	ESS FESS	CORE	DESCRIPTION		PRESSURE TEST	DEPTH	ELEVATION
	ğ			<u>n</u> <u>z</u> ec	8	w5w	Ŧ	ដភូ		LEAKA	GE OF DRILLING WAT	ER] _]	
9 0m			0 - 100				ļ			 	LUGEON	40 8 0m	
8 2 2 8 2 8 2 1 2 1 2 2 2 2 2 2 2 2 2 2	s Granite				ldark grey	1	1	2 4 2 3 1 2 3 1 2 3	Cracks stained a little Locally interbedded cracky parts, but generally sticky core. Hard and good rock. 98.30~103.6m Gneiss. Medium grained. gneissosity dips 40-60°. Craks stained a little.			$= \frac{1}{2} + $	
				- core lass - RQD				hard) ~	▶ diillers nots 4 tick) 2 (substick) 3 (piece), 4 (fragment), 5 grain - 5 (sult) iccomposed)				

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		_						OG	IC LOG OF DRILL F		:	_	
_					PRC					<u>0.5~3</u> 0_m			-
				<u>is Right</u> 48			-			0 m	COMMENCED COMPLETED		
ELE COO					<u> </u>	Π	2		NGTH OF ROCK DRILLING (50				
				ZONTAL	ç	30				25_m	LOGGED BY	K. Ishik	OWO
-	-			E HOLE	_		-			6 %			
	щ		· .					0855	RVATION OF CORE				z
DEPTH	NAN	L O G	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	В	Huger State	ESS	ي ي			PRESSURE TEST	06PTH	ELEVATION
	POCK NAME	-	RECC	CEME TI BIT CASII	D D	WEATHER	HAR	CORE	DESCRIPTION		GE OF DRILLING WATE		ELF.
10 0m			0-100			<u>}</u>					LUGEON	40 100m	T,
			HUHH									-	
		+					Į					E,	
		+	HIHH				Į						ļ
2		+										E-2	
		+	HHHH		gre y	ļ		2					
3	S 5	•	HHH		5		2					Ē-3	
	Gneiss	#		ļ	dark	ļ	ţ		Pale greenish grey				
3	υ	ľ	開拥		Ь				clay film at 105.45m			adaahadaahaahaahaahaahaahaahaahaahaahaah	
		+ :	HHHH	9	ļ	ļ	l	⊨æ.	•••••			ш	
5			HHH									5	
		+			 								, l
6-		+	(###b					2	105.70~107.40m			E 6	
	ษ	Ι.	H		ļ		1	2	Granite. Medium grained.			Ē	
7-		+	HHH						Massive.			E 7	
		,	Fiffi		ļ	ļ.		3	107.40~110.00m			L.	1
8	6	+							Gneiss. Medium grained.			Ē	
	Gneiss			1	ł	l	2		Gneissosity dips 40°.			E.	
9.	હ	+	1999				[
110		ļ	HHH		[l]	 			E-110	
								1	110.00 ~ 111.50m				
	ษั	+			Ļ	l	1	ļ	Granite. Medium grained. Massive.				
	Ľ.	 	HHH			ļ		4				E-	
2-	Į	+	H		grey	1	ļ		111.50 ~ 117.65m			E-2	ļļ
		·			0	1			Gneiss. Medium grained.			Ē	
3_		ŧ	H	ł	ļ	Į.	ļ		Gneissosity dips 30~40°.			1 2 1	
		·						3					
4	s	+	HHH.	t l	ł	ł	ļ		Cracks stained a little	(E 4	
5	Gneiss		HHH										
5	ō	+	EHH	į	Ļ	Ļ	2	Į					
		.	開開									uluuluuluuluu	
6-		+	H					{			$\left\{ \begin{array}{c} \left\{ \begin{array}{c} \left\{ \begin{array}{c} \left\{ \end{array}\right\} \right\} \right\} \\ \end{array} \right\}$		
			FHHH			1	1	2				7	
		+	EHHH			1	ļ			} 		I E	l i
8-			棚		\vdash	1		1	11765 ~ 129.80m	1		<u></u>	
		4	HIIII	1	grey		.	\	Granite. Medium grained				1
8	Ē		HHH				1	 	-			-9	
	Granite	+-	HHH	1	tight	4		1					
120	<u> </u>	1	HUHH	11	L	Ļ	<u> </u> 	<u> </u>	▶ deiller's note 4	I		<u> } 120</u>	<u></u>
			88			ł	Ĩ	1,,	stick) 2 (substick) 3 (piece), 4 (fragment), 5 grain	,			
			IN K	core loss			' 1	(hard)	~ 5 (soli)				
			Ľ	RQQ		I.	(iresh)	~ 5 (d	ecomposed)				

54	aa (• • •	em N	0 F		U E DJE		-00					
				is.Right /				DF		<u>10 5-3</u>).0 m			-
ELEV				48			-			<u>) 0 m</u>	COMMENCED COMPLETED		
COO	RDIN	ATE	<u> </u>						NGTH OF ROCK DRILLING 150		DRILLED BY		
				ZONTAL		90				9 <u>5</u> m	LOGGED BY	K Ishi	kawa
BEAF	RING	OF	ANGL	E HOLE				CC	DRE RECOVERY 98	<u>6</u> %			
	AME	5	ĒRY	tzä u	_	T GE -	1		ERVATION OF CORE	WATER	ΤΑΒΙΕ <u>Λ</u> Λ		ž
DEPTH	ROCK NAME	101	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	ING	HARD NESS	CORE	DESCRIPTION		PRESSURE TEST	 О€РТН	ELEVATION
	ğ				8	WE	I	85		LEAKAG	E OF DRILLING WATE		ELE
120m			0 → 100 PTC111		<u> </u>	\vdash	L	 		, 	LUGEON	40 120m	
	-	+	HHH.			I		2				Ē	
1-		Ì						Ľ	Fresh and hard,			Ē,	
	- ·	+				1			Good rock				
2												1 1 2	
		+ ļ										ulu 1	
3-7		ł						2				E-3	
	ĺ	ŧ [HIII				1	{					1
		. {						1				1 3 4 5	
		+[H111		эy	,		1					
	a .	+			grey							5	ļ
6-1	Granite	' k			Ħ			3				1.0	ļ
ماساساساس مساساساساساسا	8.	+ [light							Ē	1
7-												E-7	
	.	+ [[Ē	1
8-		ł	租机					2				E 8	
	-	+ 1						:				ահոր համաս համաս հայ	
9-		ł										Eg	
	-	+μ										E I	
130-	5	ŧ		ſ	grey	s	3	3	12980-13580m Gneiss. Medium grained.			E-130	
	7	71		ľ	-				130.50~13170m			E. 1	
		X II		Í					Core loss			1 1 1 2	
	╇	-\		ŀ								Ē	
1 1		. 1	HHH			.			Biotite concentrates at				
3	=	⊧∦	HHH			1	1	2	129 80~13050m Generally gneissosity not			Ē.	
	Puerss	Ŀ₿	HHTT.		2				so remarkable				
4 minuluu miceo	e †	╘╏			grey	2	3	43				4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	1.	. H			ŀ		2	2				Ē	
5	1					1		3				5	[
	5 4	1	ittitti	ŀ	È	-	2	f	300-8525m Core loss				ł
6-		┦	HH	F	-8	Ī		ŀ	135 80 ~ 139 50 m	1		-8	Ì
	- -+	- F							Granite. Medium grained.				
Renaite		Ð	H		grey			2	_			Ē-7	
Sranita Stanita	<u>=</u> +	· #				1	1		Interbedded gneiss at			Ē	Ī
8 3 6	2	H			light				137.25 ~ 137.50m.			<u> </u>	
1	2 +	Ĥ	拥田		-								
9 III		H	棚									- 9	
140 - 5	5 #		H			ſ	2	f	139.50~140 70m Gneiss			E 14 0	
		V	ß			ł	1	•	▶ dirilers note 4		╱═╴╵──╵──		
		1	[段]	ore loss					ck) 2 (substick), 3 (piece), 4 (fragment), 5 grain				
			4	- 000		1 - 1 (In			5 (soli) (amposed)				
				••		• •			· · • •				

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GEOLOGIC LOG OF DRILL HOLE

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					OĢ	IC LOG OF DRILL I			_	
<u>Mae Chaem</u> LOCATION Da <u>m Ax</u>		PRO.			000	HOLE N	<u>o 5-3</u> 0 m			•
ELEVATION		0					<u>0</u> m	COMMENCED COMPLETED		
COORDINATE						NGTH OF ROCK DRILLING 150	<u>0</u> m	ORILLED BY	<u> </u>	<u> </u>
ANGLE FROM HORIZ		9	0 '	•		TAL LENGTH OF CORE 147.9		LOGGED BY	K Ichi	kawa
BEARING OF ANGLI	E HOLE						_ <u>6</u> %		<u>-</u>	
TH G G R E R E R E	NG OF	~	<u>.</u>					TABLE	- нт -	ELEVATION
DEPTH DEPTH ROCK NAME L O G L O G CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER -ing	HARD. NESS	CORE	DESCRIPTION		PRESSURE TEST		ELEV.
t40m 0 ↔ 100			3	<u> </u>	-0		CEANA	LUGEON	40 140m	
- 5 +		grey			2	Gneissosity dips 20~30°				
		light grey g	ı	s	3	140.70~150.00m Granite Medium grained			յունունունունունունունունունունունունունո	
2-		26	-			14170~ 14230m Care Loss			2	
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						Fresh and hard.			ы III	
4					2	Good rock				
Granite				ı		Interbedded gneiss			որո	
		grey			3	at 14700~147.70m and			1 1 1 6	· .
		light	l			14810~148.50m				
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Mae Chaem Na.5			GIC LOG OF DRILL	DMC		
LOCATION Intake	PROJEC			DMC No.5-4 (SHEET I		
				Om COMMENCED		
ELEVATION 46 N. 2014 399 COORDINATE 443 874	507		INGTH OF ROCK DRILLING 62	Om COMPLETED	····-	
ANGLE FROM HORIZONTAL	90 ·			<u>5</u> m DRILLED BY		
BEARING OF ANGLE HOLE				<u>. </u>	<u> </u>	
<u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	T	_	ERVATION OF CORE		<u> </u>	
DEPTH DEPTH ROCK NAME L D G L D G CORE RECOVERY TION RILO OF	COLOR COLOR WEATHER ING	SS		WATER TABLE	<u>-</u> -	Tion
	COLOR FATHE ING	CORE	DESCRIPTION	WATER PRESSURE TEST	DEPTH	ELE VATION
0m 0 = 100				LEAKAGE OF DRILLING WATE		
			00~3.00m		40 Om	Ţ
1		1	Coarse grained sand			
	5		with fine grained gravel.		Ē1	
	brow		Gravel size max.10m/m.		E I	
2		1			E 2	1
					L L	
		+	3.00-9.10m		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		3	Gneiss. Medium groined.		Ē	
4-1 +		4	Somewhat wethered.		Ē 4	
		3				
5-1 +	grey		Cracks stained		5	
			Brown clay films at		E I	
6-1 +	3 3 2		4.90 and 8.60m		E-0	1
	- P	2	Crocks somewhat open			
			upto 9.00m		Ë 7	
Greess Greess Greess					11117 11117 1118	1
8 + +		3			<u>-</u> 8	
		3			E	
9-1					E-9	
			910~1160m			
			Granite. Medium grained.		E- 10	
	grey	2	gruniea.		E I	
Granite Granite					in 10 in 10	
	\vdash		1100 10 50		E	
2-			1160~18.50m		E-2	
3-1		3	Gneiss. Medium grained.		E I	
			Cracks somewhat		<u>-</u> 3	
	2		stained.		Ę.	
Greiss Greiss + + + +	2 2				E4	
+	2 drey	2				
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	dar k					
6-0		3			E-6	
		2				
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- +		3			₽	
8-1					E-8	
		2	8.50~26.90m		ΕI	
artic +	- 2		Granite. Medium grained.		9	
and a second sec			Craks somewhat stained			
KI N	<u> </u>	┟╌╌┠╴	b driller s note 4		E 20]
		} F(stic	k) 2 (substick) 3 (piece) 4 (fragment) 5 grain			
Core loss		haid) — 5	(sot)			
RQD	t (fresh) -	- 5 (deco	"Posed)			

								00	IC LOG OF DRILL		E			
			haem		PRC	JE(HOLE N	10 5-2 00 m				•
LOC			<u></u> Ir	<u>ntake</u> _ 464 4	104		-		PTH OF HOLE	\sim	COMMENC			-
ELE COO				- 404 -	-0-	n	1		NGTH OF ROCK DRILLING _62		COMPLETE DRILLED B			_ _
				ZONTAL	9	0	•			<u>5</u> m	LOGGED B		Ishil	(awa
				E HOLE			-			7_%				
	Ψ		>					OBSI	ERVATION OF CORE	Ī	<u> </u>			z
DEPTH	NAN	100	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	ĸ	HER	ESS	UNG ING		1	R TABLE	V	DEPTH	ELEVATION
ĐĒ	ROCK NAME	د	Ū Ū B	CEN CEN	ъ С	WEATHER ING	HARD. NESS	CORE	DESCRIPTION		GE OF DRILLING		ā	ELF.
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		Ι.						3						
7-		+		ļ					2690~2865m Granite.Medium grained				[7]	
		ļ, ¹		1	grey			2	Cutted by leucocrotic					
8-		+			<u>و</u>		1		Cutted by leucocrotic granite at 10~20° angle.					
							┝	<u> </u>	28.65~4005m	11				
94		1	扭]		3	Gneiss, Medium grained,					
30		+	HIIII						Gneissosity dips 40~50°.				- 30	
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1_							1						-1	
		+							Cracks stained up to					
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40	1	Ľ_		<u>I</u>	<u> </u>	 1	⊥ ∎	-	> drillers note 4	<u> </u>		<u>_</u>	<u>= 40</u>	<u></u>
			86			Ī), 1	stick) 2 (substick) 3 (piece) 4 (fragment) 5 grai	n				
			NA KI	↓ → core loss					- 5 (solt)					
	٦		[- RQQ		1 ((fresh)	~ 5(d	ecomposed)					

						00	IC LOG OF DRILL	HOLF			
LOCATI		m No.5 Intoke	PRC	JEC	<u>. T</u>	DEI		$\frac{105-4}{0m}$	COMMENCED		
ELEVAT		464 40	5	m	- 1	-		<u>0</u> m	COMPLETED		
COORDI							NGTH OF ROCK DRILLING 62		DRILLED BY		
ANGLE	FROM H	ORIZONTAL		90 '		то		<u>.5</u> m	LOGGED BY	<u>K Ishil</u>	
BEARIN	G OF AN	GLE HOLE			-			<u>7</u> %			
¥ ¥		T SYT E		8			RVATION OF CORE	WATER	TABLE	- <u>-</u>	ELEVATION
DEPTH ROCK NAME	L D G CORE	RECOVERY CEMENTA CEMENTA TION KIND OF BIT CASING	COLOR	WEATHES ING	HARD NESS	CORE	DESCRIPTION		PRESSURE TEST	DEPTH	LE W
	0-	· •	Ů	ž	Ï	⁰ ปี			E OF DRILLING WATE	40 40m	
40m 1 1 1 1	+		grey		1	1	40.06~41.25m Granite. Medium grained. Harizontal contact with			1 1	
երությունը Մությունությունը Gneiss			dark grey		2	2	41 25~52 15m Gneiss Medium grained Gneissosity dips 30~40.° Cracks somewhat stained. Good rock.			ախուհումեումեումեունունունունունունունունունունունունունո	
8 6 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+ + + + + + +		dark grey grey		2	2	52.15 ~ 53.10m Granite Medium grained, Conjuct with Gneiss at 30 angle. 53.10 ~ 65.00m Gneiss. Medium grained Gneissosity dips 30 ^e . Cracks somewhat stained. Good rock.			in 1 2 3 4 4 5 6 7 8 9 60 60	
		core lass		 		hard)	▶ driller s note 4 itch) 2 (subst-ch) 3 (piece), 4 (fragment), 5 grär ~ 5 (saft) ecompased)	ı			

GEOLOGIC LOG OF DRILL HOLE HOLE No. 5- 4 Mae Chaem No 5 PROJECT ISHEET 4 OF 4) 650 m Intako LOCATION DEPTH OF HOLE COMMENCED ----<u> 30</u> m DEPTH OF OVERBURDEN COMPLETED ш LENGTH OF ROCK DRILLING 62.0 m COORDINATE _ DRILLED BY 90 • LOGGED BY K. Ishikawa <u>635</u> m 977 % TOTAL LENGTH OF CORE ANGLE FROM HORIZONTAL BEARING OF ANGLE HOLE CORE RECOVERY OBSERVATION OF CORE CEMENTA TION KIND OF BIT CASING ELEVATION ROCK NAME RECOVERY 11130 DEPTH 106 CORE WEATHER ING HARD NESS CORE COLOF WATER PRESSURE TEST DESCRIPTION LEAKAGE OF DRILLING WATER LUGEON 0-100 ወመ **6** On ŧ Ę١ 1ŧ ÷2 2 2 2 t سليبطينان ‡ Gneiss Ę₃ ŧ مطييبان 4 ŧ <u>65.0</u>^m - 5 5 Bottom of hole, Ē-6 6-3 ₽7 7 - 8 8-٠ŷ 9n 0-1-2 - 3 3. - 4 - 5 6 6. 7 7 8 8 9 9 ٥ • driller's note 4 Ø ł 1 (stick) 2 (substick) 3 (piece), 4 (frequent), 5 grain R 1 (hard) ~ 5 (soft) care loss

I (Iresh) ~ 5 (decomposed)

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GEOLOGIC LOG OF DRILL HOLE

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ELEVATION 343.373 DEPTH OF OVEREIUREN 345.m COMPLETED				JEC	CT					-
COORNATE 9.20. LENGTH OF ROCK DRILLING 2005 m DRILLED BY KIShikawa. ANGLE FROM MORIZUNIAL 9.0. CORE RECOVERY 221 - v EBRAING OF ANGLE MOLE CORE RECOVERY 221 - v Value FROM MORIZUNIAL 9.0. State of the stat										
ANGLE FROM HORIZONTAL 9.0 TOTAL LENGTH OF CORE 221 m LOGGED BY K Ishikowa BEARING OF ANGLE HOLE CORE RECOVERY 921 x watter rate -//	ELEVATION N 20	214,562 1	47	<u></u>	1					
BEARING OF ANGLE HOLE CORE RECOVERY 921-% a a b b a b a b a b a b a b a b a <td></td> <td></td> <td></td> <td>0</td> <td>-</td> <td></td> <td></td> <td></td> <td>K Ishi</td> <td>kowo</td>				0	-				K Ishi	kowo
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GEOLOGIC LOG OF DRILL HOL	GEOLOGIC	LOG	OF	DRILL	HOLE
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Mal Chaem No.5 PROJECT HOLE No.5 SHEET 2 OF 2)													
LOCATION Power house				-	DEPTH OF HOLE 240 m COMMENCED								
ELEVATION 343 373 m DEPTH OF OVERBURDEN 345 m COMPLETED COORDINATE N 444 595 389 LENGTH OF ROCK DRILLING 2055 m DRILLED BY													
COO	RDIN	IAT	<u>N 4</u>	44.595.38		90			NGTH OF ROCK DRILLING 201		DRILLED BY	K lehik	0.010
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рертн	ROCK NAME	Ō	CORE RECOVERY	CEMENTA TION KIND OF BIT CASING	ĽG,	WEATHER -ING	HARD NESS	CORE	DESCRIPTION	WATE	R PRESSURE TEST	DEPTH	£VA.
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