Apendix 2-7(2) Assay Results of Rock Samples(Bulutkan Trenches 19/24)

Ser.no.	Samo.no.	Position(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
541	T-7G 10	313.0 ~ 318.0	5.0	-	<0.5	30	5	50	20	-	5	-	
542	T-7G 11	360.0 ~ 365.0	5.0	-	<0.5	50	8	70	40	-	30	-	
543	T-7G 12	365.0 ~ 370.0	5.0	-	<0.5	60	10	60	30	-	20	-	
544	T-7G 13	370.0 ~ 372.5	2.5	-	0.5	80	10	40	40	-	10	-	
545	T-7G 14	383.0 ~ 385.5	2.5	-	0.5	60	8	300	30	-	7	-	
546	T-7G 15	407.0 ~ 411.0	4.0	-	0.7	80	20	150	30	-	10	-	
547	T-7G 16	431.0 ~ 436.0	5.0	-	2	150	30	100	40	-	15	-	
548	T-7G 17	447.0 ~ 452.0	5.0	-	0.5	30	10	50	40	-	6	-	
549	T-7G 18	452.0 ~ 457.0	5.0	-	<0.5	20	8	<50	20	-	5	-	
550	T-7G 19	457.0 ~ 460.0	3.0	10	0.5	30	10	50	30	-	5	-	
551	T-7G 20	473.5 ~ 478.5	5.0	-	<0.5	20	5	50	20	-	5	-	
552	T-7G 21	478.5 ~ 482.5	4.0	-	<0.5	20	4	50	20	-	<5	-	
553	T-7G 22	483.5 ~ 488.0	4.5	-	1	100	20	60	40	-	20	-	
554	T-7G 23	514.5 ~ 519.5	5.0	-	<0.5	40	6	50	20	-	5	-	
555	T-7G 24	552.7 ~ 557.7	5.0	10	0.5	70	30	50	200	-	50	-	
556	T-7G 25	557.7 ~ 562.7	5.0	30	1.5	200	20	300	80	-	200	-	
557	T-7G 26	606.0 ~ 608.0	2.0	-	1	150	8	100	30	-	7	-	
558	T-7G 27	610.0 ~ 612.5	2.5	-	0.7	70	10	60	30	-	10	-	
559	T-7G 28	616.3 ~ 617.0	0.7	10	1	50	10	70	40	-	15	-	
560	T-7G 29	626.0 ~ 631.0	5.0	-	<0.5	60	20	80	30	-	20	-	
561	T-7G 30	701.5 ~ 701.7	0.2	-	0.5	60	10	100	50	-	30	-	
562	T-7G 31	711.0 ~ 714.0	3.0	-	<0.5	60	10	100	40	-	20	-	
563	T-8G 1	172.0 ~ 177.0	5.0	-	<0.5	40	20	80	40	-	5	-	
564	T-8G 2	200.0 ~ 205.0	5.0	-	<0.5	40	20	60	50	-	7	-	
565	T-8G 3	214.0 ~ 215.0	1.0	-	<0.5	50	30	60	60	-	7	-	
566	T-8G 4	228.5 ~ 233.5	5.0	10	1	50	30	80	60	-	8	<10	
567	T-8G 5	258.0 ~ 263.0	5.0	-	<0.5	50	20	80	30	-	7	<10	
568	T-8G 6	275.5 ~ 277.0	1.5	10	<0.5	50	15	70	70	-	5	-	
569	T-8G 7	311.5 ~ 312.2	0.7	10	<0.5	30	7	<50	20	-	<5	-	
570	T-8G 8	337.0 ~ 342.0	5.0	-	0.8	100	20	70	20	-	7	-	

Apendix 2-7(2) Assay Results of Rock Samples(Bulutkan Trenches 20/24)

Ser.no.	Samo.no.	Position(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
571	T-8G 9	342.0 ~ 347.0	5.0	30	1	80	8	60	30	-	7	<10	
572	T-8G 10	347.0 ~ 352.0	5.0	-	0.5	30	10	50	20	-	5	-	
573	T-8G 11	352.0 ~ 356.5	4.5	10	<0.5	30	15	60	30	-	6	<10	
574	T-8G 12	359.0 ~ 362.7	3.7	-	<0.5	20	10	<50	20	-	<5	-	
575	T-8G 13	362.7 ~ 363.0	0.3	-	0.7	150	15	70	30	-	7	-	
576	T-8G 14	363.0 ~ 367.5	4.5	-	1	150	15	70	30	-	5	<10	
577	T-8G 15	367.5 ~ 368.2	0.7	-	0.7	60	7	50	20	-	<5	-	
578	T-8G 16	386.0 ~ 391.0	5.0	-	1.5	150	20	100	30	-	20	-	
579	T-8G 17	391.0 ~ 395.0	4.0	-	1.5	100	30	150	30	-	20	<10	
580	T-8G 18	407.0 ~ 412.0	5.0	-	<0.5	60	10	100	30	-	10	-	
581	T-8G 19	424.5 ~ 425.5	1.0	-	<0.5	40	10	70	30	-	7	-	
582	T-8G 20	427.0 ~ 432.0	5.0	-	1.5	70	15	150	40	-	10	-	
583	T-8G 21	432.0 ~ 438.0	6.0	10	0.7	80	10	200	100	-	10	<10	
584	T-8G 22	452.7 ~ 457.0	4.3	-	<0.5	20	3	<50	20	-	<5	-	
585	T-8G 23	457.0 ~ 462.0	5.0	-	<0.5	20	4	<50	30	-	<5	-	
586	T-8G 24	462.0 ~ 467.0	5.0	-	<0.5	30	5	<50	20	-	<5	-	
587	T-8G 25	490.0 ~ 493.0	3.0	-	<0.5	100	30	50	40	-	20	-	
588	T-8G 26	503.5 ~ 505.0	1.5	-	<0.5	50	20	60	30	-	15	-	
589	T-8G 27	516.0 ~ 520.0	4.0	-	<0.5	50	20	50	40	-	15	-	
590	T-8G 28	521.7 ~ 526.0	4.3	-	<0.5	50	10	60	30	-	10	<10	
591	T-8G 29	526.0 ~ 530.3	4.3	-	<0.5	40	15	70	20	-	10	-	
592	T-8G 30	673.5 ~ 675.5	2.0	-	0.7	150	10	70	30	-	30	<10	
593	T-8G 31	691.0 ~ 692.5	1.5	10	0.8	100	15	80	30	-	20	-	
594	T-8G 32	713.0 ~ 717.0	4.0	-	0.6	80	10	50	20	-	10	-	
595	T-9G 1	120.0 ~ 125.0	5.0	-	<0.5	20	30	<50	20	-	<5	-	
596	T-9G 3	140.0 ~ 143.2	3.2	-	<0.5	30	30	60	30	-	7	-	
597	T-9G 4	150.0 ~ 155.0	5.0	-	<0.5	40	30	50	50	-	7	-	
598	T-9G 7	180.0 ~ 185.0	5.0	-	<0.5	30	30	<50	30	-	8	-	
599	T-9G 10	210.0 ~ 215.0	5.0	-	<0.5	50	40	50	40	-	8	-	
600	T-9G 13	240.0 ~ 245.0	5.0	-	<0.5	40	30	<50	50	-	7	-	

Apendix 2-7(2) Assay Results of Rock Samples(Bulutkan Trenches 21/24)

Ser.no.	Samo.no.	Position(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
601	T-9G 16	270.0 ~ 275.0	5.0	-	<0.5	30	20	<50	20	-	<5	-	
602	T-9G 19	300.0 ~ 305.0	5.0	10	<0.5	40	30	60	40	-	5	-	
603	T-9G 22	330.0 ~ 335.0	5.0	30	<0.5	40	30	50	60	-	10	-	
604	T-9G 24	357.0 ~ 362.0	5.0	10	<0.5	30	10	<50	30	-	<5	-	
605	T-9G 25	362.0 ~ 367.0	5.0	-	3	200	30	70	100	-	30	<10	
606	T-9G 26	367.0 ~ 372.0	5.0	-	<0.5	40	10	<50	20	-	<5	-	
607	T-9G 27	374.0 ~ 378.5	4.5	-	<0.5	30	3	<50	20	-	<5	-	
608	T-9G 28	378.5 ~ 382.0	3.5	-	<0.5	30	5	150	80	-	10	-	
609	T-9G 29	382.0 ~ 387.0	5.0	-	<0.5	30	3	<50	20	-	<5	-	
610	T-9G 30	387.0 ~ 392.0	5.0	-	<0.5	20	8	<50	20	-	<5	-	
611	T-9G 31	392.0 ~ 396.8	4.8	-	<0.5	20	<3	<50	20	-	<5	-	
612	T-9G 32	397.8 ~ 401.7	3.9	-	1.5	70	8	50	30	-	8	<10	
613	T-9G 33	416.5 ~ 421.5	5.0	-	<0.5	70	10	60	30	-	6	-	
614	T-9G 34	421.5 ~ 426.5	5.0	-	<0.5	50	10	60	50	-	8	-	
615	T-9G 35	426.5 ~ 431.5	5.0	-	<0.5	60	15	80	30	-	20	-	
616	T-9G 36	436.7 ~ 442.4	5.7	-	<0.5	30	5	<50	20	-	<5	-	
617	T-9G 37	459.4 ~ 462.4	3.0	-	0.6	60	10	50	40	-	15	-	
618	T-9G 38	462.4 ~ 466.4	4.0	-	<0.5	20	5	<50	20	-	<5	-	
619	T-9G 39	471.4 ~ 476.4	5.0	-	<0.5	60	8	60	30	-	15	-	
620	T-9G 40	476.4 ~ 481.4	5.0	-	<0.5	80	6	50	40	-	10	-	
621	T-9G 41	486.5 ~ 491.5	5.0	-	0.5	40	5	50	20	-	6	-	
622	T-9G 42	491.5 ~ 496.5	5.0	-	0.5	60	7	50	20	-	8	-	
623	T-9G 43	499.8 ~ 500.0	0.2	-	<0.5	50	10	50	30	-	10	-	
624	T-9G 44	506.0 ~ 511.0	5.0	-	<0.5	50	10	60	30	-	10	-	
625	T-9G 45	511.0 ~ 516.0	5.0	-	<0.5	80	15	70	30	-	7	-	
626	T-9G 46	516.0 ~ 521.0	5.0	-	<0.5	40	10	50	20	-	6	-	
627	T-9G 47	541.0 ~ 546.0	5.0	-	<0.5	50	10	60	20	-	7	<10	
628	T-9G 48	555.0 ~ 559.5	4.5	-	<0.5	80	10	80	40	-	20	<10	
629	T-9G 49	579.8 ~ 585.0	5.2	-	<0.5	80	8	70	40	-	15	<10	
630	T-9G 52	595.0 ~ 600.0	5.0	-	<0.5	50	10	60	40	-	10	<10	

Apendix 2-7(2) Assay Results of Rock Samples(Bulutkan Trenches 22/24)

Ser.no.	Samo.no.	Position(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
631	T-9G 53	600.0 ~ 605.0	5.0	-	<0.5	60	8	70	30	-	10	<10	
632	T-9G 55	611.0 ~ 616.0	5.0	-	<0.5	50	10	150	40	-	20	<10	
633	T-9G 56	616.0 ~ 621.0	5.0	-	0.6	50	15	70	50	-	30	<10	
634	T-9G 58	626.0 ~ 631.0	5.0	-	<0.5	50	8	80	40	-	15	<10	
635	T-9G 59	631.0 ~ 636.0	5.0	-	<0.5	60	10	70	40	-	10	-	
636	T-9G 61	641.0 ~ 646.0	5.0	-	0.5	50	15	80	40	-	20	<10	
637	T-9G 62	646.0 ~ 651.0	5.0	-	0.8	80	15	80	40	-	15	-	
638	T-9G 64	660.0 ~ 665.0	5.0	-	<0.5	60	10	80	40	-	15	<10	
639	T-9G 65	665.0 ~ 670.0	5.0	-	<0.5	50	10	50	30	-	8	-	
640	T-9G 67	675.0 ~ 680.0	5.0	-	1.5	70	40	80	60	-	80	-	
641	T-9G 68	680.0 ~ 685.0	5.0	-	<0.5	70	30	200	70	-	80	-	
642	T-9G 69	685.0 ~ 690.0	5.0	-	0.5	70	10	100	40	-	15	-	
643	T-9G 70	707.0 ~ 710.5	3.5	-	0.7	100	15	200	40	-	50	<10	
644	T-9G 71	710.5 ~ 713.3	2.8	-	0.8	200	8	100	40	-	40	<10	
645	T-9G 72	717.3 ~ 720.3	3.0	10	0.7	100	8	70	30	-	15	<10	
646	T-9G 73	721.0 ~ 723.3	2.3	-	0.8	100	15	100	40	-	10	<10	
647	T-9G 74	738.3 ~ 743.3	5.0	50	0.6	200	10	400	40	-	30	-	
648	T-9G 75	755.0 ~ 760.0	5.0	-	0.7	60	10	70	30	-	15	<10	
649	T-9G 76	760.0 ~ 765.0	5.0	-	0.7	60	7	70	20	-	7	<10	
650	T-9G 77	765.0 ~ 770.0	5.0	-	0.7	70	8	60	20	-	6	<10	
651	T-10G 1	172.0 ~ 177.0	5.0	-	<0.5	50	10	60	30	-	5	-	
652	T-10G 2	177.0 ~ 182.0	5.0	-	<0.5	50	8	60	30	-	5	-	
653	T-10G 3	182.0 ~ 187.0	5.0	-	<0.5	60	8	60	30	-	5	-	
654	T-10G 4	187.0 ~ 192.0	5.0	-	<0.5	80	8	60	30	-	5	-	
655	T-10G 5	192.0 ~ 197.0	5.0	-	<0.5	80	10	50	30	-	5	-	
656	T-10G 6	197.0 ~ 202.0	5.0	-	<0.5	70	8	70	40	-	5	-	
657	T-10G 7	202.0 ~ 207.0	5.0	-	<0.5	60	20	50	30	-	5	-	
658	T-10G 8	207.0 ~ 212.0	5.0	-	<0.5	70	10	60	20	-	5	-	
659	T-10G 9	212.0 ~ 215.5	3.5	8	<0.5	70	10	70	30	-	6	-	
660	T-10G 10	215.5 ~ 220.5	5.0	6	<0.5	80	10	50	30	-	6	-	

Apendix 2-7(2) Assay Results of Rock Samples(Bulutkan Trenches 23/24)

Ser.no.	Samo.no.	Position(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
661	T-10G 11	220.5 ~ 225.0	4.5	<5	<0.5	70	10	60	30	-	<5	-	
662	T-10G 12	225.0 ~ 228.3	3.3	40	0.6	80	15	80	80	-	<5	<10	
663	T-10G 13	228.3 ~ 230.5	2.2	6	0.8	80	50	100	300	-	7	<10	
664	T-10G 14	242.4 ~ 244.0	1.6	10	<0.5	150	8	70	100	-	8	-	
665	T-10G 15	245.3 ~ 248.0	2.7	6	<0.5	50	7	<50	150	-	6	-	
666	T-10G 16	264.0 ~ 269.0	5.0	<5	<0.5	10	30	60	50	-	<5	-	
667	T-10G 20	284.0 ~ 289.0	5.0	-	<0.5	60	20	60	50	-	5	-	
668	T-10G 24	304.0 ~ 309.0	5.0	-	<0.5	60	20	70	60	-	10	-	
669	T-10G 25	332.0 ~ 338.0	6.0	-	<0.5	70	15	70	80	-	15	-	
670	T-10G 26	338.0 ~ 340.5	2.5	-	<0.5	100	60	100	100	-	10	-	
671	T-10G 27	340.5 ~ 344.3	3.8	-	<0.5	100	80	80	150	-	30	-	
672	T-10G 28	344.3 ~ 345.8	1.5	-	0.5	100	70	300	100	-	10	-	
673	T-10G 29	345.8 ~ 349.0	3.2	-	<0.5	100	60	500	80	-	10	-	
674	T-10G 30	368.0 ~ 373.0	5.0	-	0.6	150	20	100	60	-	15	-	
675	T-10G 34	388.0 ~ 393.0	5.0	-	0.6	150	20	80	70	-	20	-	
676	T-10G 35	393.0 ~ 398.0	5.0	-	0.5	100	20	80	80	-	20	-	
677	T-10G 36	398.0 ~ 402.3	4.3	-	<0.5	70	20	70	60	-	10	-	
678	T-10G 37	403.3 ~ 408.0	4.7	-	0.6	60	10	60	70	-	10	-	
679	T-10G 38	408.0 ~ 410.0	2.0	-	0.6	60	10	60	70	-	10	-	
680	T-10G 39	413.5 ~ 417.5	4.0	-	0.5	70	40	80	300	-	15	<10	
681	T-10G 41	423.0 ~ 428.0	5.0	-	<1	40	30	50	40	-	5	-	
682	T-10G 42	428.0 ~ 432.0	4.0	10	<1	300	20	100	50	-	40	<10	
683	T-10G 43	432.0 ~ 435.0	3.0	8	0.7	150	20	70	70	-	20	-	
684	T-10G 44	437.0 ~ 439.0	2.0	8	0.7	100	50	80	200	-	10	<10	
685	T-10G 45	456.0 ~ 461.0	5.0	-	0.7	150	15	60	40	-	10	<10	
686	T-10G 46	461.0 ~ 466.0	5.0	-	0.6	150	10	70	100	-	15	<10	
687	T-10G 47	466.0 ~ 468.0	2.0	-	0.5	200	15	100	50	-	100	10	
688	T-10G 48	476.0 ~ 481.0	5.0	-	0.5	70	20	50	40	-	7	<10	
689	T-10G 49	481.0 ~ 484.5	3.5	-	<0.5	60	20	70	70	-	6	<10	
690	T-10G 50	491.0 ~ 496.0	5.0	-	<0.5	70	20	60	40	-	15	<10	

Apendix 2-7(2) Assay Results of Rock Samples(Bulutkan Trenches 24/24)

Ser.no.	Samo.no.	Position(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
691	T-10G 52	560.0 ~ 565.0	5.0	<5	0.5	70	10	60	40	-	10	<10	
692	T-10G 55	575.0 ~ 580.0	5.0	-	<0.5	80	20	60	40	-	10	<10	
693	T-10G 58	590.0 ~ 595.0	5.0	6	<0.5	70	10	70	40	-	10	<10	
694	T-10G 59	682.0 ~ 687.0	5.0	5	<0.5	70	7	60	30	-	<5	-	
695	T-10G 60	687.0 ~ 692.0	5.0	6	<0.5	80	10	60	30	-	6	<10	
696	T-10G 61	692.0 ~ 694.0	2.0	<5	<0.5	70	7	70	30	-	7	-	
697	T-10G 62	722.0 ~ 727.0	5.0	<5	0.5	60	8	80	30	-	15	<10	
698	T-10G 63	727.0 ~ 730.0	3.0	8	0.5	70	10	70	50	-	20	-	
699	T-10G 64	730.0 ~ 735.0	5.0	10	0.7	70	10	70	60	-	5	-	
700	T-10G 65	735.0 ~ 740.0	5.0	20	<0.5	70	8	60	200	-	8	-	
701	T-10G 66	740.0 ~ 745.0	5.0	15	<0.5	50	8	50	30	-	5	-	
702	T-10G 67	745.0 ~ 750.0	5.0	6	<0.5	70	15	70	50	-	6	-	
703	T-10G 68	756.0 ~ 758.3	2.3	10	<0.5	60	10	60	40	-	10	<10	
704	T-10G 69	773.0 ~ 778.0	5.0	-	0.6	60	30	200	60	-	7	<10	
705	T-10G 70	778.0 ~ 783.0	5.0	-	0.6	60	30	70	60	-	7	<10	
706	T-10G 71	790.0 ~ 793.0	3.0	-	0.7	100	20	70	300	-	50	-	
707	T-10G 72	816.9 ~ 817.2	0.3	-	0.6	300	40	150	150	-	80	<10	
708	T-10G 73	822.5 ~ 827.5	5.0	-	0.7	50	8	50	20	-	5	<10	
709	T-10G 74	827.5 ~ 832.0	4.5	5	0.7	60	20	60	30	-	5	<10	
710	T-10G 75	836.5 ~ 840.5	4.0	-	0.6	60	10	50	40	-	5	-	
711	T-10G 76	870.3 ~ 870.8	0.5	20	1	70	20	60	30	-	7	-	
712	T-10G 77	875.0 ~ 878.0	3.0	-	0.8	100	20	70	30	-	6	<10	
713	T-10G 78	898.0 ~ 900.0	2.0	10	1	150	20	60	40	-	6	<10	

Appendix-2-7(3) Assay Results of Rock Samples(Bulutkan Drillcore 1/4)

Ser.no.	Samp.no.	Depth(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
1	B-1G 1	35.8 ~ 36.8	1.0	10	<1.0	60	30	70	50	-	5	-	
2	B-1G 2	97 ~ 98	1.0	50	<1.0	80	20	70	70	-	6	-	
3	B-1G 3	107 ~ 108	1.0	10	1.6	30	40	50	70	-	6	-	
4	B-1G 4	117 ~ 118	1.0	50	<1.0	40	150	60	50	<6	5	<10	
5	B-1G 5	127 ~ 128	1.0	-	<1.0	30	70	50	50	-	6	-	
6	B-1G 6	137 ~ 138	1.0	-	<1.0	30	20	60	40	-	5	-	
7	B-1G 7	147 ~ 148	1.0	-	<1.0	40	30	60	30	-	6	-	
8	B-1G 8	7 ~ 8	1.0	-	<1.0	150	30	60	30	-	6	-	
9	B-2G 1	11 ~ 12	1.0	-	<0.5	50	<3	<50	30	-	<5	-	
10	B-2G 2	20.2 ~ 21.2	1.0	10	1.5	200	10	70	60	-	30	<10	
11	B-2G 3	47.1 ~ 48	0.9	30	0.8	50	15	60	100	-	10	-	
12	B-2G 4	73.6 ~ 74.6	1.0	-	1	80	15	70	40	-	5	-	
13	B-2G 5	86.6 ~ 87.6	1.0	-	0.5	50	20	80	100	-	7	-	
14	B-2G 6	96 ~ 97	1.0	-	0.6	150	20	70	150	-	8	-	
15	B-2G 7	106 ~ 106.9	0.9	-	0.7	100	30	150	150	-	10	-	
16	B-2G 8	116 ~ 117	1.0	400	1	30	50	50	1,000	-	6	<10	
17	B-2G 9	126 ~ 127	1.0	10	0.5	40	40	60	200	-	8	-	
18	B-2G 10	136 ~ 137	1.0	-	0.5	50	50	50	80	-	10	<10	
19	B-2G 11	146 ~ 147	1.0	-	0.5	20	60	70	150	-	5	-	
20	B-2G 12	160 ~ 161	1.0	50	0.5	40	30	50	30	-	<5	-	
21	B-2G 13	170 ~ 171	1.0	-	<0.5	30	40	60	80	-	7	-	
22	B-2G 14	180 ~ 181	1.0	-	<0.5	30	40	70	40	-	5	-	
23	B-2G 15	190 ~ 191	1.0	-	<0.5	30	40	80	40	-	7	<10	
24	B-2G 16	199 ~ 200	1.0	-	<0.5	30	40	70	200	-	7	-	
25	B-3G 1	14 ~ 15	1.0	10	0.7	50	40	<50	50	-	5	-	
26	B-3G 2	24 ~ 25	1.0	-	0.5	80	10	70	30	-	6	-	
27	B-3G 3	34 ~ 35	1.0	5	0.5	60	20	70	40	-	5	-	
28	B-3G 4	45 ~ 46	1.0	-	0.6	60	8	70	40	-	6	-	
29	B-3G 5	55 ~ 56	1.0	5	0.8	60	20	80	50	-	6	<10	
30	B-3G 6	100 ~ 101	1.0	5	<0.5	50	30	50	30	-	6	<10	

Appendix 2-7(3) Assay Results of Rock Samples(Bulutkan Drillcore 2/4)

Ser.no.	Samp.no.	Depth(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
31	B-3G 7	111 ~ 112	1.0	<5	<0.5	30	30	60	20	-	5	-	
32	B-3G 8	120 ~ 121	1.0	10	0.5	20	40	60	40	-	6	<10	
33	B-3G 9	130 ~ 131	1.0	-	<0.5	20	100	70	30	-	5	-	
34	B-3G 10	140 ~ 141	1.0	-	<0.5	30	40	<50	20	-	5	<10	
35	B-4G 1	17 ~ 18	1.0	20	0.7	60	5	70	50	-	5	<10	
36	B-4G 2	24.3 ~ 25.3	1.0	<5	0.5	50	8	80	20	-	5	<10	
37	B-4G 3	39 ~ 40	1.0	10	<0.5	70	6	70	30	-	5	-	
38	B-4G 4	53.5 ~ 54.5	1.0	6	0.5	70	20	100	30	-	6	-	
39	B-4G 5	64 ~ 65	1.0	10	0.5	60	30	80	30	-	6	-	
40	B-4G 6	82 ~ 83	1.0	6	<0.5	80	30	50	100	-	7	-	
41	B-4G 7	88 ~ 89	1.0	-	<0.5	30	20	<50	80	-	7	<10	
42	B-4G 8	98.5 ~ 99.5	1.0	-	<0.5	30	40	<50	30	-	5	-	
43	B-4G 9	109 ~ 110	1.0	-	<0.5	30	30	<50	30	-	6	<10	
44	B-4G 10	119.3 ~ 120.3	1.0	10	<0.5	40	40	<50	20	-	5	-	
45	B-4G 11	129 ~ 130	1.0	-	<0.5	20	30	<50	40	-	6	<10	
46	B-5G 1	3 ~ 4	1.0		2	100	15	150	40	-	5	-	
47	B-5G 2	10 ~ 11	1.0		2	80	10	80	30	-	<5	-	
48	B-5G 3	17 ~ 18	1.0		1	50	6	<50	30	-	<5	-	
49	B-5G 4	23 ~ 24	1.0		0.5	50	10	80	40	-	7	-	
50	B-5G 5	29 ~ 30	1.0		<0.5	70	10	70	40	-	8	<10	
51	B-5G 6	35 ~ 36	1.0		<0.5	50	10	70	50	-	15	-	
52	B-5G 7	40.4 ~ 41.4	1.0		<0.5	60	20	80	40	-	6	<10	
53	B-5G 8	48 ~ 49	1.0		<0.5	50	10	70	50	-	6	-	
54	B-5G 9	53 ~ 54	1.0		0.6	50	20	70	30	-	<5	-	
55	B-5G 10	59 ~ 60	1.0		<0.5	60	30	80	30	-	<5	-	
56	B-5G 11	66 ~ 67	1.0		<0.5	60	20	60	30	-	<5	-	
57	B-5G 12	72 ~ 73	1.0		<0.5	60	10	70	30	-	<5	-	
58	B-5G 13	79 ~ 80	1.0		<0.5	20	5	50	30	-	<5	-	
59	B-5G 14	86 ~ 87	1.0		<0.5	50	7	50	30	-	<5	-	
60	B-5G 15	94 ~ 95	1.0		<0.5	20	5	60	30	-	<5	-	

Appendix 2-7(3) Assay Results of Rock Samples(Bulutkan Drillcore 3/4)

Ser.no.	Samp.no.	Depth(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
61	B-5G 16	101 ~ 102	1.0		<0.5	40	6	50	30	-	<5	-	
62	B-5G 17	107 ~ 108	1.0		<0.5	30	20	60	60	-	8	-	
63	B-5G 18	113 ~ 114.2	1.2		0.6	20	10	60	40	-	8	-	
64	B-5G 19	120 ~ 121	1.0		<0.5	50	6	60	30	-	<5	-	
65	B-5G 20	127 ~ 128	1.0		<0.5	20	70	60	30	-	5	-	
66	B-5G 21	6 ~ 7	1.0	-	1	200	15	200	40	-	<5	-	
67	B-5G 22	20 ~ 21	1.0	-	1	60	8	100	40	-	20	-	
68	B-5G 23	33 ~ 34	1.0	-	<0.5	80	15	80	30	-	5	-	
69	B-5G 24	39.1 ~ 40.4	1.3	<5	<0.5	20	8	60	30	-	<5	-	
70	B-5G 25	133 ~ 134	1.0	-	<0.5	60	7	60	30	-	6	-	
71	B-6G 1	13 ~ 14	1.0	10	1.5	200	80	150	40	-	40	-	
72	B-6G 2	23 ~ 24	1.0	-	0.6	80	30	150	40	-	10	-	
73	B-6G 3	31 ~ 32	1.0	-	<0.5	70	20	100	40	-	6	-	
74	B-6G 4	37 ~ 38	1.0	-	<0.5	70	20	80	40	-	5	-	
75	B-6G 5	43.5 ~ 44.5	1.0	-	<0.5	70	20	80	40	-	6	-	
76	B-6G 6	50 ~ 51	1.0	-	<0.5	100	15	80	40	-	15	-	
77	B-6G 7	58 ~ 59	1.0	-	<0.5	70	20	70	30	-	6	<10	
78	B-6G 8	66 ~ 67	1.0	-	<0.5	80	15	80	30	-	5	<10	
79	B-6G 9	73 ~ 74	1.0	-	<0.5	80	15	80	40	-	10	-	
80	B-6G 10	76 ~ 77	1.0	-	0.5	100	8	80	40	-	5	-	
81	B-6G 11	78 ~ 79	1.0	-	<0.5	50	15	70	30	-	<5	-	
82	B-6G 12	85 ~ 86	1.0	-	0.5	80	20	100	40	-	7	-	
83	B-6G 13	93 ~ 94	1.0	-	0.5	100	15	80	30	-	6	-	
84	B-6G 14	99 ~ 100	1.0	-	0.5	80	10	70	40	-	8	-	
85	B-6G 15	107 ~ 108	1.0	-	0.5	100	15	80	40	-	7	-	
86	B-6G 16	114 ~ 115	1.0	-	<0.5	70	10	70	40	-	6	-	
87	B-6G 17	119 ~ 120	1.0	-	<0.5	80	10	80	40	-	5	-	
88	B-6G 18	126 ~ 127	1.0	-	<0.5	80	10	80	40	-	4	-	
89	B-6G 19	133 ~ 134	1.0	10	<0.5	60	30	80	60	-	5	-	
90	B-6G 20	145 ~ 146	1.0	-	<0.5	60	10	80	50	-	<5	<10	

Appendix 2-7(3) Assay Results of Rock Samples(Bulutkan Drillcore 4/4)

Ser.no.	Samp.no.	Depth(m)	Length(m)	Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As(ppm)	Bi(ppm)	Mo(ppm)	W(ppm)	Discriptions
91	B-7G 1	18 ~ 19	1.0	-	<0.5	100	7	60	40	-	5	<10	
92	B-7G 2	23 ~ 24	1.0	-	0.6	500	7	60	60	-	5	-	
93	B-7G 3	28 ~ 29	1.0	-	0.7	1,000	6	60	60	-	<5	-	
94	B-7G 4	33 ~ 34	1.0	-	0.5	200	8	70	70	-	6	<10	
95	B-7G 5	68 ~ 69	1.0	-	<0.5	80	15	60	50	-	6	<10	
96	B-7G 6	78 ~ 79	1.0	-	<0.5	30	30	60	80	-	6	-	
97	B-7G 7	92 ~ 93	1.0	-	0.5	70	50	60	40	-	5	<10	
98	B-7G 8	73 ~ 74	1.0	-	<0.5	80	20	60	400	-	7	-	
99	B-7G 9	85 ~ 86	1.0	-	<0.5	50	50	60	40	-	6	<10	
100	B-7G 10	98 ~ 99	1.0	-	<0.5	30	30	60	70	-	6	-	

Appendix 2-8 Results of X-ray Diffraction Analyses(1/2)

No.	Sample No.	Locality	Rock description	Silicate																								Sulfate				Carbonate			Sulfide			Hydroxide			Others	
				Quartz	Clinoptilolite	Stilbite	Laumontite	Analcite	Smectite	Serpentine	Kaolinite	Sericite	Chlorite	*Ser-Sm mixed	Talc	Plagioclase	K-feldspar	Biotite	Hornblende	Clinopyroxene	Wollastonite	Epidote	Grossular	Apophyllite	Prehnite	Pumpellyite	Alunite	Jarosite	Gypsum	Natroalunite	Natrojarosite	Calcite	Dolomite	Ankerite	Pyrite	Sphalerite	Marcasite	Hematite	Goethite	Rutile	Apatite	Halite
1	S-2L 4	MJUS-2 216.5m	yel-grn-wht skn							·			△		○				·												◎											
2	S-2L 12	MJUS-2 392.8m	brn-wht skn/grn mineral	·																○	△										◎											
3	S-4L 9	MJUS-4 312.5m	dk grn skn/qtz vein	◎									△																		◎			○								
4	T-1 X1	T-1 416.8m	grn skarn	◎				○				△	△			◎															◎											
5	T-2 X1	T-2 212.2m	lgt gry-grn alt sl	◎					△				·			△	·									·						·										
6	T-2 X2	T-2 218.0m	lgt brn-yel alt rk	◎					△							◎	·										·		·									·				
7	T-2 X3	T-2 219.3m	white altered rock	△																									◎	◎								·				
8	T-2 X4	T-2 223.8m	yel powder																										◎		◎							·				
9	T-2 X5	T-2 225.0m	red-brn oxd sul	◎																									○								△	△				
10	T-2 X6	T-2 226.5m	grn-yel sil alt rk	△																									○		◎											
11	T-2 X7	T-2 229.7m	yel alt rk	△																											◎											
12	T-2 X8	T-2 235.1m	yel alt powder	◎																											◎							·				·
13	T-2 X9	T-2 268.0m	wht alt midi?	◎							◎	○		△																								·				·
14	T-2 X10	T-2 861.0m	wht alt rk	◎							△	○		△		◎																										
15	T-3 X1	T-3 319.0m	brn skn mineral																○	◎									·				◎						△				
16	T-3 X2	T-3 192.2m	grn-red-brn sil rk	◎								◎	◎			△	·												△													
17	T-3 X3	T-3 319.0m	brn skn	◎							○	·	○				△																									
18	T-3 X4	T-3 563.0m	brn vein	△									△																△					◎					△				
19	T-3 X5	T-3 787.0m	yel-grn vein	◎					△				○																			△	◎							△		
20	T-4 X1	T-4 717.0m	wht alt rk(sy?)	◎					·			○	·			◎	△												·			·										
21	T-5 X1	T-5 156.4m	lgt grn alt sydi	◎					△			○				◎													◎													
22	T-5 X2	T-5 157.3m	wht alt rk	◎																											·	△									
23	T-5 X3	T-5 339.0m	wht skn																·	◎																					
24	T-5 X4	T-5 342.0m	brn skn	△						○						△				○											◎											
25	T-5 X5	T-5 497.5m	yel powder	◎							·?	△				△													△		◎							·	·			
26	T-5 X6	T-5 521.0m	wht alt rk	◎							△	○																										·	△			
27	T-6 X1	T-6 523.0m	dk brn-gry alt dol										△																△			◎						△				·?
28	T-6 X2	T-6 634.0m	brn-wht alt sst	◎					△			△	△			○	△																					△				
29	T-6 X3	T-6 636.5m	wht alt vein	◎																									·													
30	T-6 X4	T-6 637.0m	yel-wht vein(ap?)	◎																									·			△					·				
31	T-6 X5	T-6 638.0m	yel-brn alt rk	◎									·	△			△															◎						△				
32	T-6 X6	T-6 214.5m	wht vein	△																									△	◎											
33	T-6 X7	T-6 207.1m	grn alt rk/wht vein	◎					◎			·	○																◎													

◎ : abundant, ○ : common, △ : poor, · : rare *Ser-Sm mixedlayer : Sericite-Smectite mixedlayer mineral

Abbreviations for rock description; alt:altered, ap:aplite, blk:black, brn(-):brown(ish), di:diorite, dissem:disseminated, dk:dark, dol:dolomite, grn(-):green(ish), gry(-):grey(ish), lgt:light, ls:limestone, midi:microdiorite, misydi:microsyenodiorite, oxd:oxidized, pnk:pink, qtz:quartz, red-:reddish, rk:rock, sh:shale, sil:silicified, skn(-):skarn(ized), sl:slate, sst:sandstone, sul:sulfides, sy:syenite, sydi:syenodiorite, wht:white, yel(-):yellow(ish), /:containing.

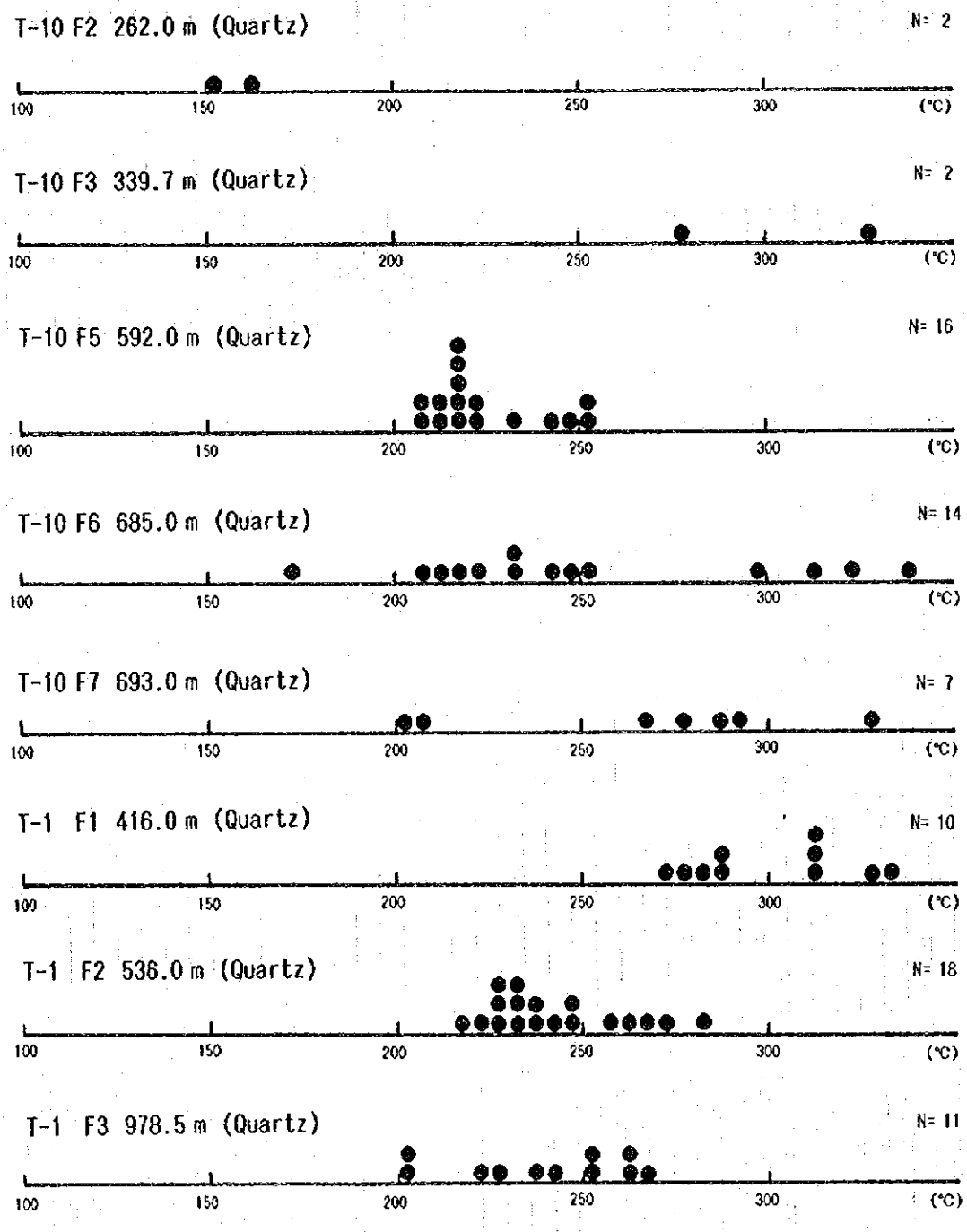
Appendix 2-8 Results of X-ray Diffraction Analyses(2/2)

No.	Sample No.	Locality	Rock description	Silicate																						Sulfate					Carbonate			Sulfide			Hydroxide			Others	
				Quartz	Clinoptilolite	Stilbite	Laumontite	Analcite	Smectite	Serpentine	Kaolinite	Sericite	Chlorite	*Ser-Sm mixed	Talc	Plagioclase	K-feldspar	Biotite	Hornblende	Clinopyroxene	Wollastonite	Epidote	Grossular	Apophyllite	Prehnite	Pumpellyite	Alunite	Halotrichite	Gypsum	Natroalunite	Natrojarosite	Calcite	Dolomite	Ankerite	Pyrite	Sphalerite	Marcasite	Hematite	Goethite	Rutile	Apatite	Halite
34	T-7 X1	T-7 268.8m	red-brn-yel skn	○					·				△						△	○									·			○	△									
35	T-7 X2	T-7 372.7m	brn chalcedonic vein	◎																	·								○									△			
36	T-7 X3	T-7 396.0m	brn skn	○					·	○										○									·			○	◎					△			
37	T-7 X4	T-7 504.0m	grn-brn alt rk	◎					△			◎	△																·									△	-	△	
38	T-8 X1	T-8 316.3m	grn alt rk(lap?)	◎					·			·	○			◎	△												○				◎						·		
39	T-8 X2	T-8 321.7m	red-brn alt rk	◎					△			·	·			○	·												△			◎									
40	T-8 X3	T-8 349.3m	grn alt lap	◎								◎	○			◎													·			△									
41	T-8 X4	T-8 381.0m	wht alt rk(misydi?)	◎							○	○																										·	·		
42	T-8 X5	T-8 397.5m	lgt brn sil rk	◎																									◎				◎								
43	T-9 X1	T-9 331.2m	lgt grn skn	◎								○																				◎									
44	T-9 X2	T-9 340.0m	brn-wht skn	◎								△																	△			◎									
45	T-9 X3	T-9 701.2m	wht alt rk	○								·				·											◎		·												
46	T-10 X2	T-10 243.0m	yel alt skn										·						◎	◎																					
47	T-10 X3	T-10 255.0m	sil skn-rk							·			△		○				◎										·			◎	·								
48	T-10 X5	T-10 703.7m	brn-wht alt rk									△	○						·								△											○			
49	T-10 X6	T-10 882.0m	brn-wht alt sydi	◎							△	○	△			○	·												·						·						
50	B-1L 3	MJUB-1 37.2m	yel-grn & lgt pnk vein	◎		△?						·	-?									○										△			◎						
51	B-1L 9	MJUB-1 85.4m	dk grn-brn mineral(skn)	△															○	◎															△						
52	B-1L 10	MJUB-1 86.5m	lgt grn mineral(skn)																◎																△						
53	B-1L 15	MJUB-1 131.1m	lgt gry alt di																◎																△						
54	B-2L 1	MJUB-2 16.0m	dk grn & lgt pnk skn-ls							◎			△							△													◎								
55	B-2L 5	MJUB-2 54.4m	brn-gry skn	◎									·							△			◎									○			△						
56	B-2L 6	MJUB-2 75.6m	wht vein	·																	◎											·									
57	B-3L 2	MJUB-3 38.8m	blk dissem sil sh	◎								△	△						△	○		△													△	·					
58	B-3L 4	MJUB-3 71.5m	blk dissem sil sh	◎								◎	○			△	△		△			△													△						
59	B-3L 7	MJUB-3 96.2m	wht vein																		◎		△	◎								◎									
60	B-4L 3	MJUB-4 45.7m	gry-grn skn	◎								△	·			◎				△															·						
61	B-4L 4	MJUB-4 80.5m	yel-grn mineral(skn)						△	△								△	◎																○		△				
62	B-5L 4	MJUB-5 108.1m	alt di	○			△	○	·				△			○									△							○									
63	B-6L 3	MJUB-6 48.0m	alt rk(sst?)	◎	·		△					·	○			△				·															△						
64	B-6L 7	MJUB-6 112.5m	wht vein	◎			◎					·	△																						△		△				
65	B-7L 3	MJUB-7 108.1m	yel-grn mineral	○															△	○															△		△	·			

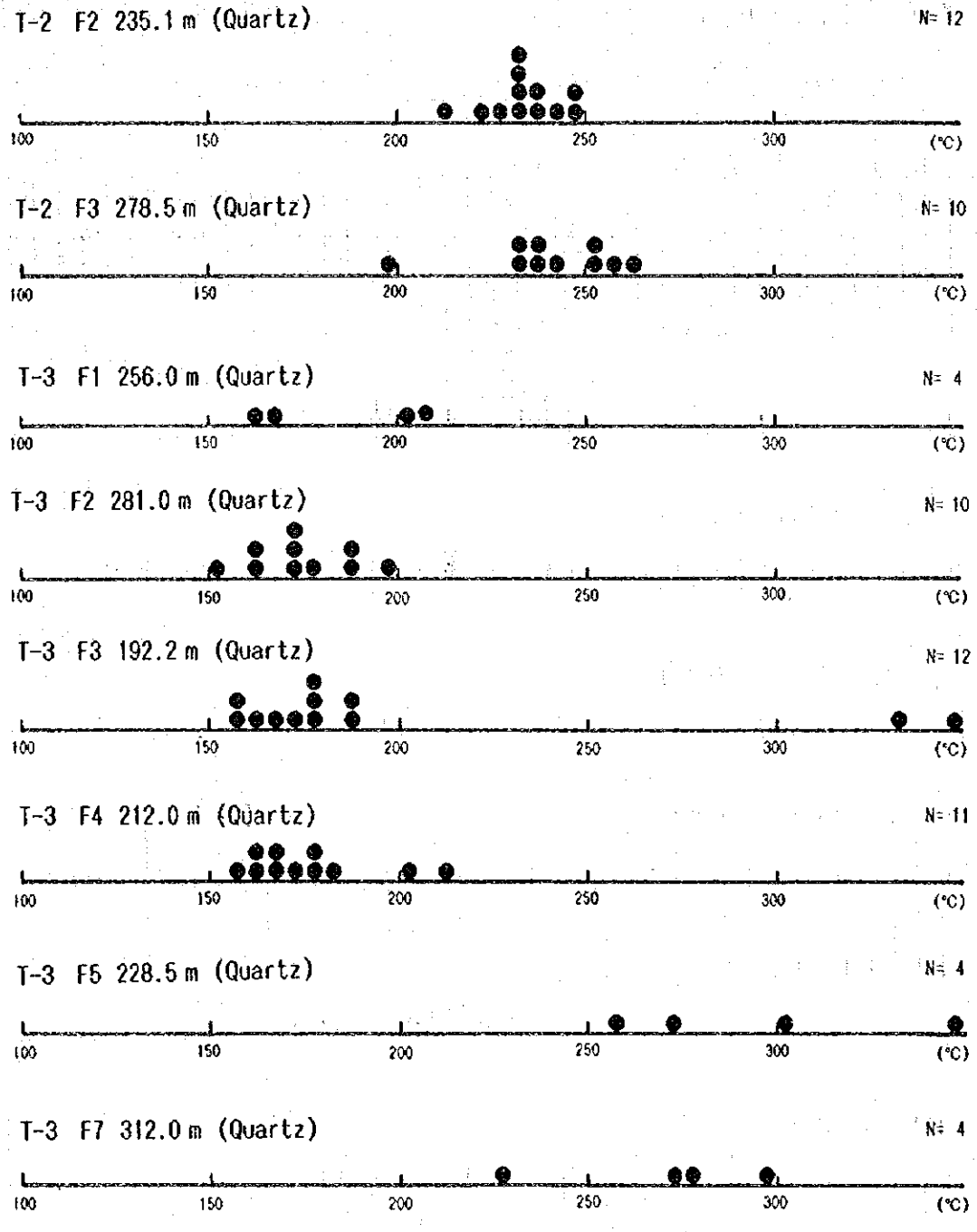
◎ : abundant, ○ : common, △ : poor, · : rare *Ser-Sm mixedlayer : Sericite-Smectite mixedlayer mineral

Abbreviations for rock description; alt:altered, ap:aplite, blk:black, brn(-):brown(ish), di:diorite, dissem:disseminated, dk:dark, dol:dolomite, grn(-):green(ish), gry(-):grey(ish), lgt:light, ls:limestone, midi:microdiorite, misydi:microsyenodiorite, oxd:oxidized, pnk:pink, qtz:quartz, red-:reddish, rk:rock, sh:shale, sil:silicified, skn(-):skarn(ized), sl:slate, sst:sandstone, sul:sulfides, sy:syenite, sydi:syenodiorite, wht:white, yel(-):yellow(ish), /:containing.

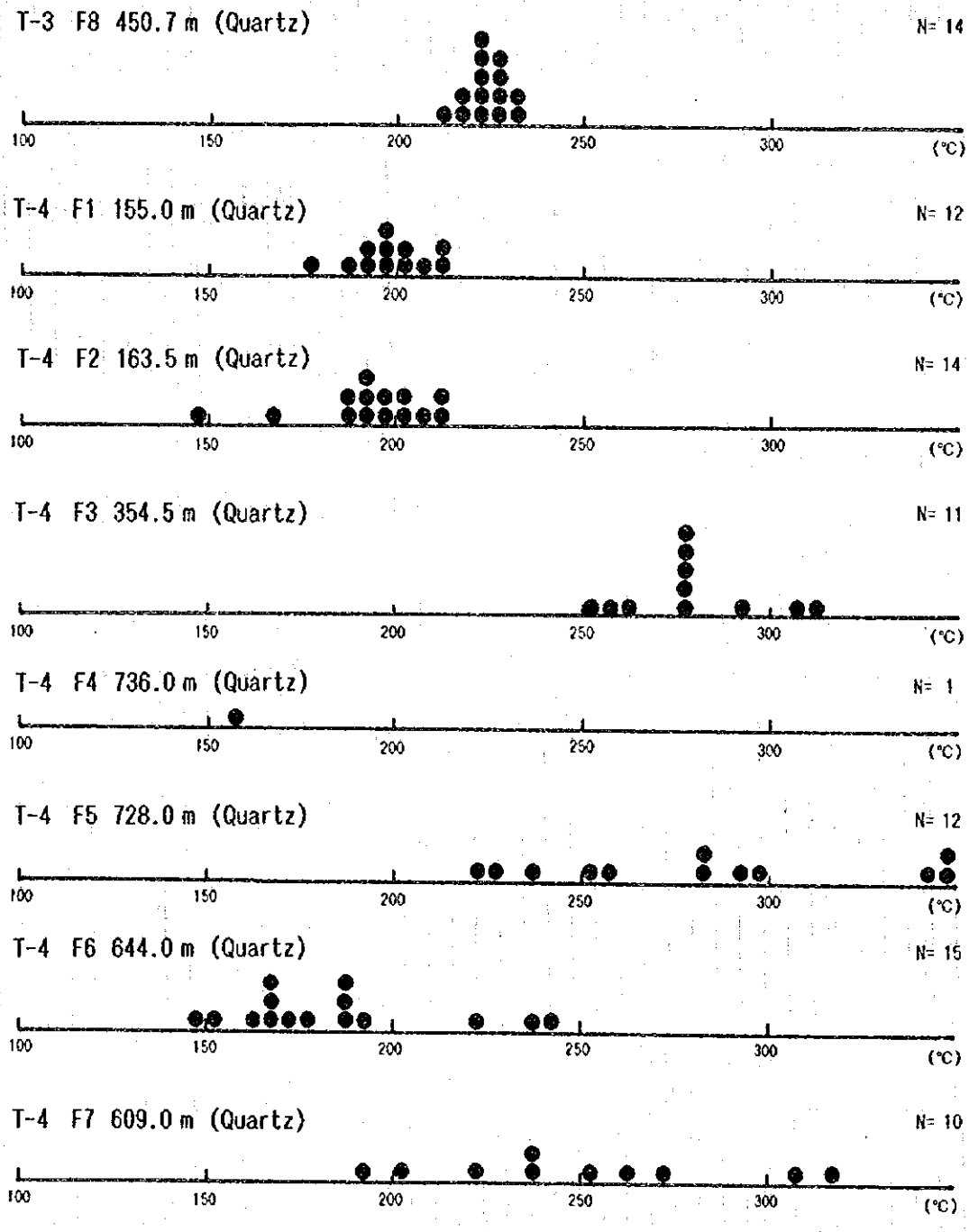
Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (1/8)



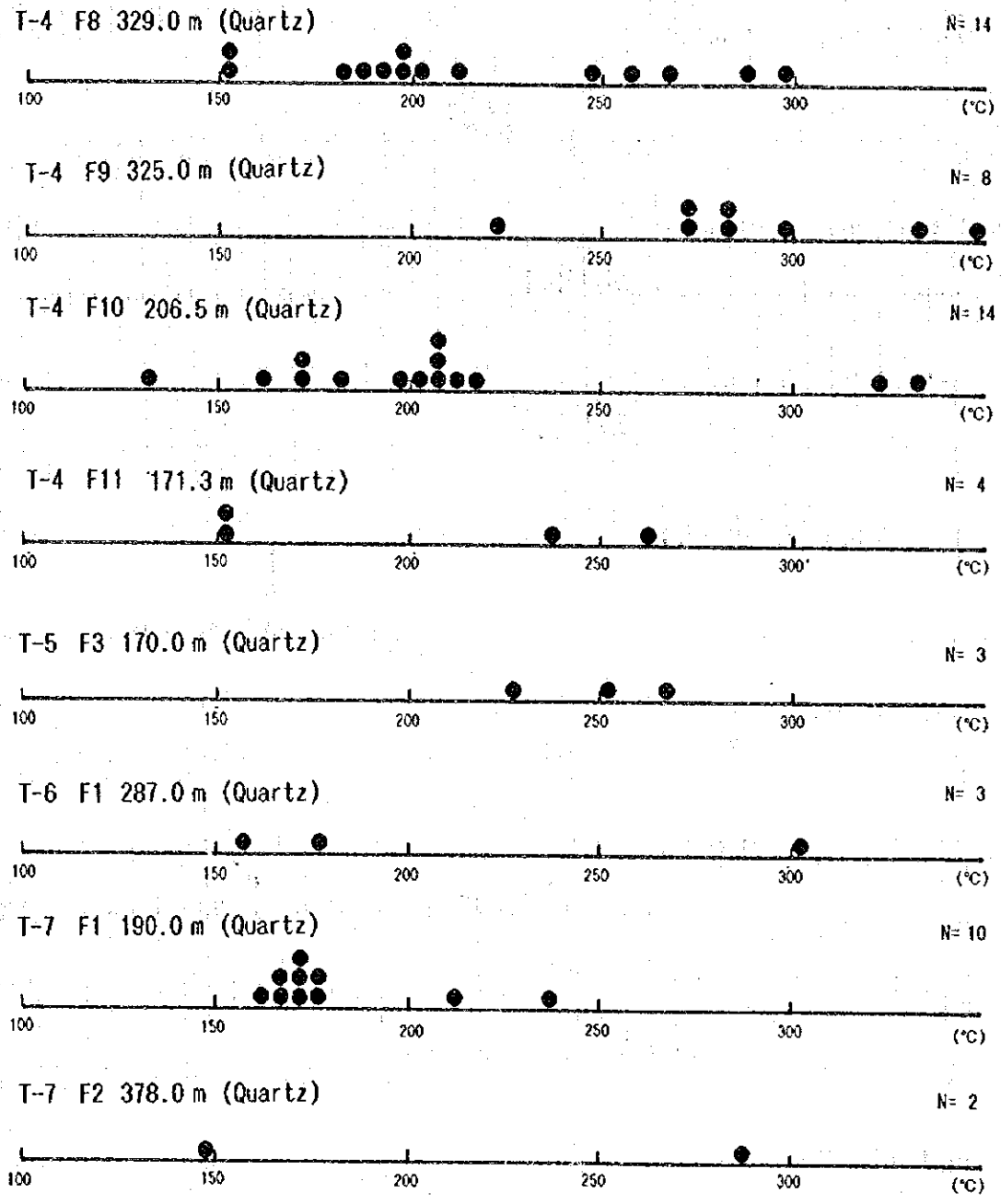
Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (2/8)



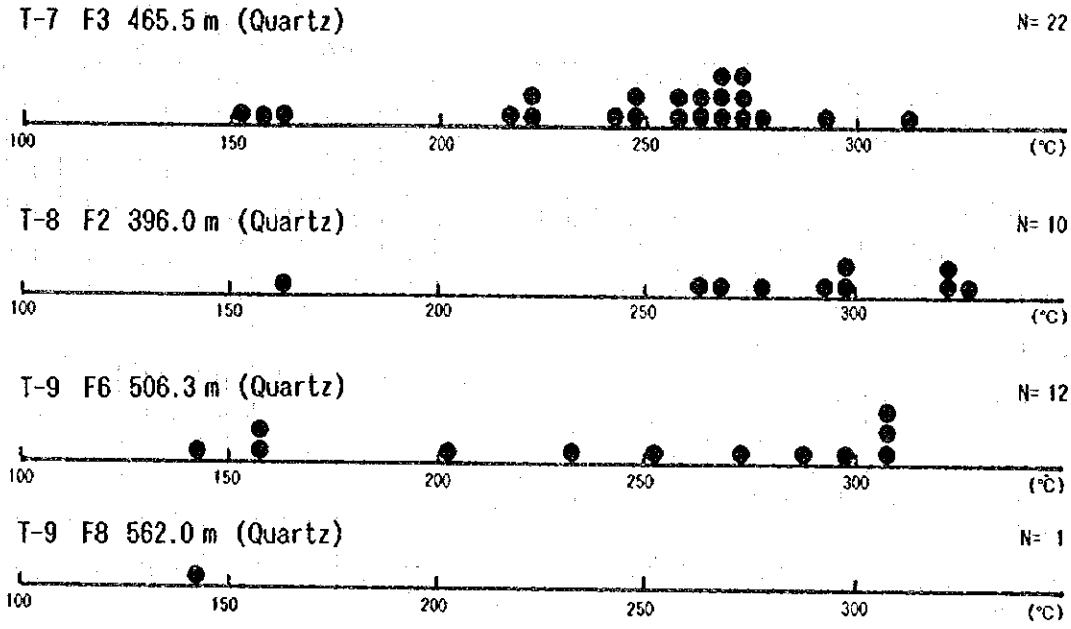
Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (3/8)



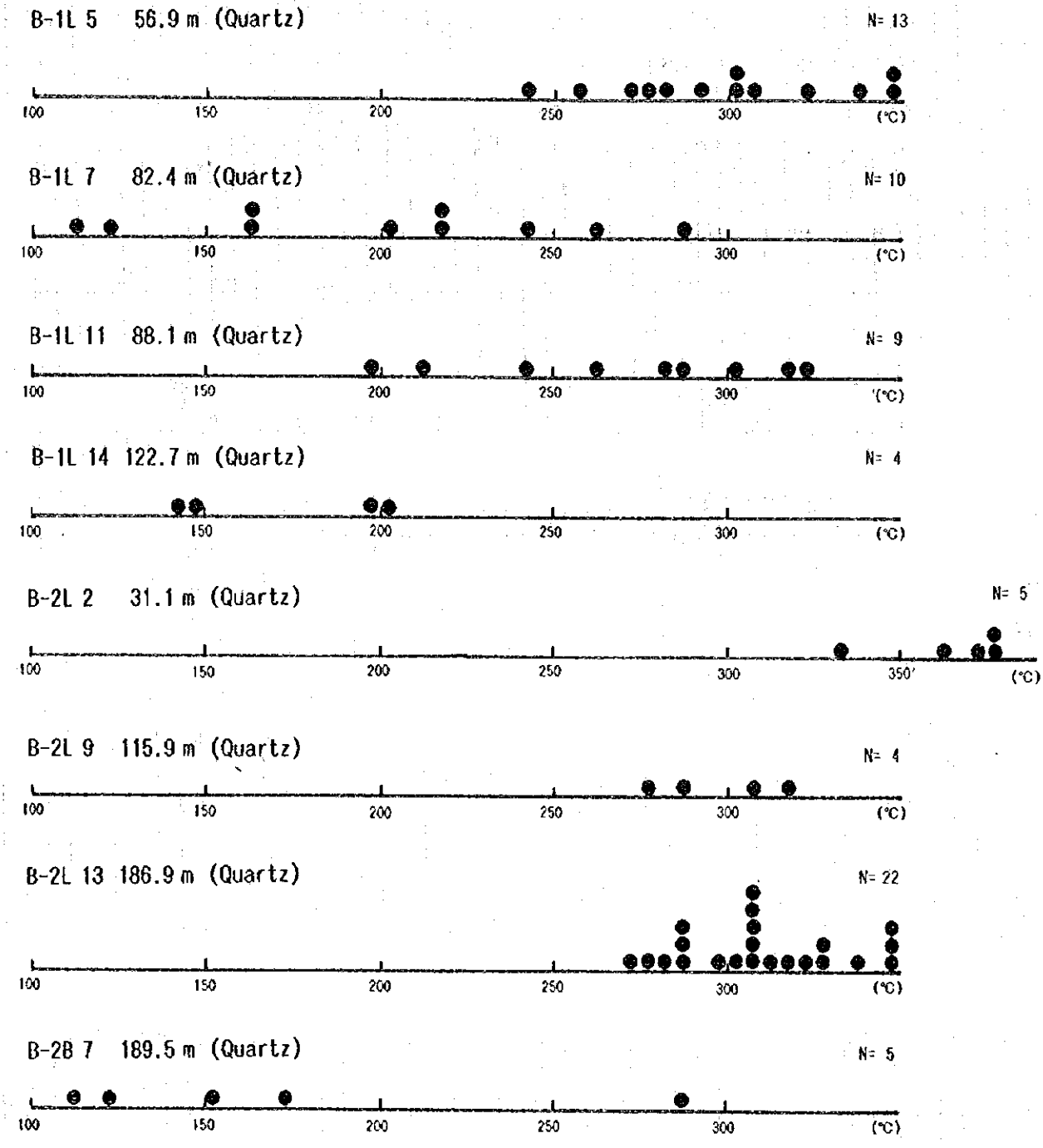
Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (4/8)



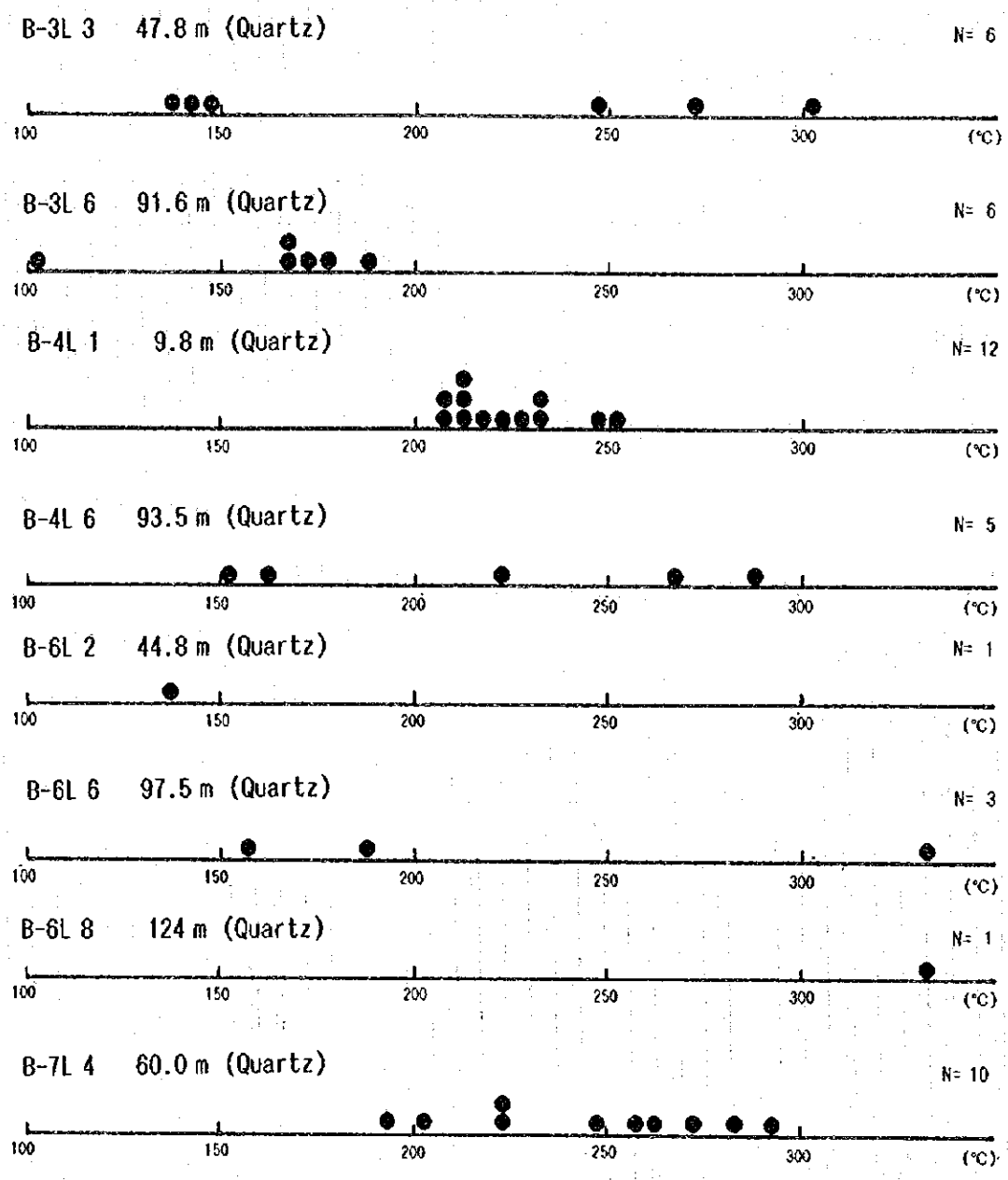
Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (5/8)



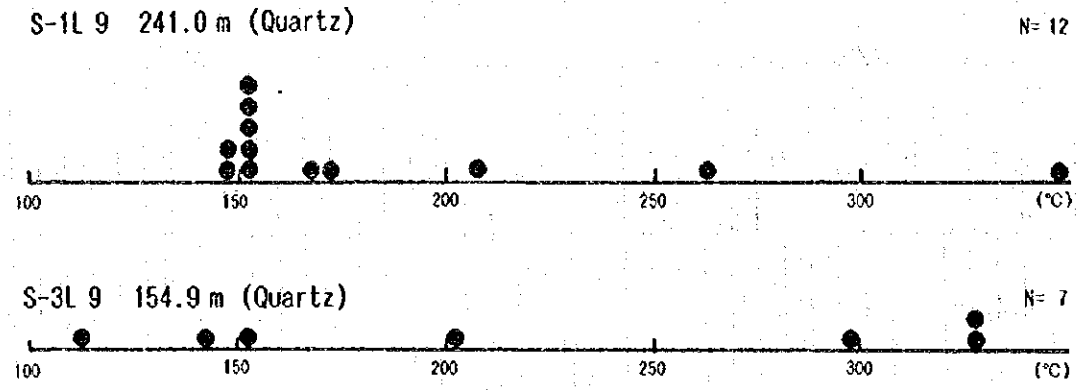
Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (6/8)



Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (7/8)



Appendix 2-9 Homogenization Temperatures of the Fluid Inclusions (8/8).



Appendix 3. Miscellaneous Data for the Drilling Survey

Appendix 3-1(1) List of the Used Equipments for Drilling

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB 4110	1	Capacity φ76mm : 350-400m φ59mm : 500m Inner diameter of spindle : 57mm
Engine for drill	A02-71-4	1	Diesel engine : 22kwh, rpm/1,500ps
Pump	MB-3 120/40	1	Piston φ60mm, Capacity 15-120 liter/min Pressure 4kg/min
Engine for pump	A02-51-4	1	Diesel engine : 7.5kwh, rpm/1,500ps
Generator	—	—	Power line
Engine for generator	—	—	
Mud mixer	MG-2-4	1	
Derrick	BMT-4	1	Maximum load 50KN
Rod holder	TR2-12.5	1	R=125KN
Drill rods	SSK-59 φ50mm φ54mm	 50 120	 4 m/pc 3.75m/pc
Casing pipes	φ108mm φ 89mm φ 73mm	4 8 16	3.75m/pc 5 m/pc 8 m/pc
Core tube assembly	SSK-59 φ108mm φ 89mm φ 73mm OES-73	6 2 3 5 10 2	3 m/pc 5 m/pc 4 m/pc (Ejector)

Appendix 3-1(2) List of the Used Equipments for Drilling

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB 4100	2	Capacity ϕ76mm : 350-400m ϕ59mm : 500m Inner diameter of spindle : 57mm
Engine for drill	A02-71-4	2	Diesel engine : 22kwh, rpm/1,500ps
Pump	MB-3 120/40	2	Piston ϕ60mm, Capacity 15-120 liter/min Pressure 4kg/min
Engine for pump	A02-51-4	2	Diesel engine : 7.5kwh, rpm/1,500ps
Generator	-	-	Power line
Engine for generator	-	-	
Mud mixer	MG-2-4	2	
Derrick	BMT-4	2	Maximum load 50KN
Rod holder	TR2-12.5	2	R=125KN
Drill rods	SSK-59 ϕ50mm ϕ54mm	 100 240	 4 m/pc 3.75m/pc
Casing pipes	ϕ108mm ϕ 89mm ϕ 73mm	12 18 36	3.3m/pc 6.6m/pc 8 m/pc
Core tube assembly	SSK-59 ϕ108mm ϕ 89mm ϕ 73mm OES-73	10 6 6 10 16 4	3 m/pc 5 m/pc 4 m/pc (Ejector)

Appendix 3-1(3) List of the Used Equipments for Drilling

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB-5P	2	Capacity φ76mm : 600-650m φ59mm : 800m Inner diameter of spindle : 75mm
Engine for drill	A02-31-4	2	Diesel engine : 30kwh, rpm/1,500ps
Pump	MB-3 120/40	2	Piston φ60mm, Capacity 15-120 liter/mie Pressure 4kg/min
Engine for pump	A02-51-4	2	Diesel engine : 7.5kwh, rpm/1,500ps
Generator	DES-60P	2	60kvA
Engine for generator	AM-01E	2	Diesel engine : 60kwh, rpm/1,500ps
Mud mixer	MG-2-4	2	
Derrick	MR-UGU-3	2	Maximum load 0.20MN
Rod holder	TR2-12.5	2	R=125KN
Drill rods	SSK-59		
	φ50mm	60	4 m/pc
	φ54mm	140	3.75m/pc
Casing pipes	φ108mm	12	3.3m/pc
	φ 89mm	18	6.6m/pc
	φ 73mm	20	8 m/pc
Core tube assembly	SSK-59	12	3 m/pc
		4	5 m/pc
	φ108mm	6	
	φ 89mm	12	
	φ 73mm	12	
	OES-73	4	4 m/pc (Ejector)

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Appendix 3-2(1) Results of Drilling Works on Individual Drillhole

(MJUS-1)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Oct. 4, '95	1	1.0	--	6
Drilling	Oct. 5, '95~Dec. 11, '95	68	64.3	3.7	386
Dismount		--	--	--	--
Total	Oct. 4, '95~Dec. 11, '95	69	65.3	3.7	392

Drilling length			
Programmed length	352.0 m	Overburden	-- m
Prolongation	0 m	Core length	331.1 m
Effective length	352.0 m	Core recovery	94.0 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	457 H	29.2 %	0-100	91.2	91.2
Out drilling	242 H	15.4 %	100-200	97.3	91.5
Regain of accident	845 H	53.9 %	200-300	96.9	93.3
Preparation	24 H	1.5 %	300-352	99.1	94.1
Dismount/Mobilization	-- H	-- %			
Others	-- H	-- %	Efficiency		
			Effective length/Total days		
Total	1,568 H	100 %	5.10 m/d		
			Effective length/Working days		
			5.39 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	17.0 m	335.0 m					352.0 m
Core length	14.2 m	316.8 m					331.0 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	16.0 m	4.5 %	100 %
89 m/m	31.0 m	8.8 %	100 %
73 m/m	94.0 m	26.7 %	100 %

Appendix 3-2(2) Results of Drilling Works on Individual Drillhole

(MJUS-2)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	July 11, '95~July 13, '95	2.7	2.7	—	16
Drilling	July 13, '95~Sept. 30, '95	79.0	64.5	14.5	387
Dismount	Sept. 30, '95~Oct. 3, '95	3.3	3.3	—	26
Total	July 11, '95~Oct. 3, '95	85.0	70.5	14.5	429

Drilling length			
Programmed length	420.0 m	Overburden	— m
Prolongation	6.5 m	Core length	404.65 m
Effective length	426.5 m	Core recovery	94.9 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	740.5 H	43.8 %	0-100	87.8	87.8
Out drilling	512 H	30.2 %	100-200	95.6	91.9
Regain of accident	295.5 H	17.5 %	200-300	98.9	94.1
Preparation	64 H	3.8 %	300-400	98.0	95.1
Dismount/Mobilization	80 H	4.7 %	400-426.5	92.5	94.9
Others	— H	— %	Efficiency		
			Effective length/Total days 5.02 m/d		
Total	1,692 H	100 %	Effective length/Working days 6.05 m/d		

Drilling length by diameter							
Bit diameter	112 m/m	76 m/m	59 m/m	m/m	m/m	m/m	Total
Drilling length	7.0 m	5.4 m	414.1 m				426.5 m
Core length	1.4 m	4.1 m	399.15m				404.65m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	9.0 m	2.1 %	100 %
89 m/m	27.0 m	6.3 %	100 %
73 m/m	76.0 m	17.8 %	100 %

Appendix 3-2(3) Results of Drilling Works on Individual Drillhole

(MJUS-3)

	Sutvey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Sept. 11, '95	1	1	—	12
Drilling	Sept. 12, '95~Nov. 24, '95	73.4	65.7	7.7	412
Dismount	Nov. 24, '95~Nov. 25, '95	1.3	1.3	--	12
Total	Sept. 11, '95~Nov. 25, '95	75.7	68	7.7	436

Drilling length			
Programmed length	380.0 m	Overburden	— m
Prolongation	1.4 m	Core length	366.2 m
Effective length	381.4 m	Core recovery	96.0 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	591 H	36.2 %	0-100	90.9	90.9
Out drilling	442 H	27.1 %	100-200	95.1	93.0
Regain of accident	543 H	33.3 %	200-300	99.5	95.2
Preparation	24 H	1.5 %	300-381.4	99.5	96.0
Dismount/Mobilization	32 H	1.9 %			
Others	-- H	— %	Efficiency		
			Effective length/Total days 5.04 m/d		
Total	1,632 H	100 %	Effective length/Working days 5.61 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	60.3 m	321.1 m					381.4 m
Core length	52.2 m	314.0 m					366.2 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	19.0 m	5.0 %	100 %
89 m/m	64.0 m	16.8 %	100 %
73 m/m	118.0 m	30.9 %	100 %

Appendix 3-2(4) Results of Drilling Works on Individual Drillhole

(MJUS-4)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	July 16, '95~July 21, '95	5.5	3	2.5	31.5
Drilling	July 21, '95~Oct. 6, '95	77.5	67.3	10.2	409.5
Dismount	Oct. 7, '95	1	1	--	7
Total	July 16, '95~Oct. 7, '95	84	71.3	12.7	448

Drilling length			
Programmed length	350.0 m	Overburden	-- m
Prolongation	0 m	Core length	312.3 m
Effective length	350.0 m	Core recovery	89.2 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	720 H	42.1 %	0-100	80.6	80.6
Out drilling	509 H	29.7 %	100-200	87.7	84.3
Regain of accident	384 H	22.4 %	200-300	95.2	87.8
Preparation	48 H	2.8 %	300-350	97.3	89.2
Dismount/Mobilization	24 H	1.4 %			
Others	27 H	1.6 %	Efficiency		
			Effective length/Total days 4.17 m/d		
Total	1,712 H	100 %	Effective length/Working days 4.91 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	4.5 m	345.5 m					350.0 m
Core length	3.6 m	308.7 m					312.3 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	12.0 m	3.4 %	100 %
89 m/m	21.0 m	6.0 %	100 %
73 m/m	67.0 m	19.1 %	100 %

Appendix 3-2(5) Results of Drilling Works on Individual Drillhole

(MJUB-1)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	July 19, '95~July 21, '95	2.8	1.5	1.3	15.5
Drilling	July 21, '95~Sept. 9, '95	49.9	28.5	21.4	171.0
Dismount	Sept. 10, '95~Sept. 11, '95	2	1	1	12
Total	July 19, '95~Sept. 11, '95	54.7	31	23.7	198.5

Drilling length			
Programmed length	150.0 m	Overburden	-- m
Prolongation	0 m	Core length	120.4 m
Effective length	150.0 m	Core recovery	80.3 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	315 H	42.3 %	0-100	75.5	75.5
Out drilling	235 H	31.6 %	100-150	91.1	80.3
Regain of accident	134 H	18.0 %			
Preparation	28 H	3.8 %			
Dismount/Mobilization	24 H	3.2 %			
Others	8 H	1.1 %	Efficiency		
			Effective length/Total days		
Total	744 H	100 %	2.74 m/d		
			Effective length/Working days		
			4.84 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	143.1 m	6.9 m					150.0 m
Core length	114.9 m	5.5 m					120.4 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	7.0 m	4.7 %	100 %
89 m/m	31.0 m	20.7 %	100 %

Appendix 3-2(6) Results of Drilling Works on Individual Drillhole

(MJUB-2)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Sept. 11, '95	0.7	0.3	0.4	2
Drilling	Sept. 11, '95~Oct. 4, '95	22.6	21.7	0.9	130
Dismount	Oct. 4, '95~Oct. 5, '95	1	1	--	6
Total	Sept. 11, '95~Oct. 5, '95	24.3	23	1.3	138

Drilling length			
Programmed length	200 m	Overburden	-- m
Prolongation	0 m	Core length	181.15 m
Effective length	200 m	Core recovery	90.6 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	219 H	39.7 %	0-100	90.7	90.7
Out drilling	119 H	21.5 %	100-200	90.5	90.6
Regain of accident	182 H	33.0 %			
Preparation	8 H	1.5 %			
Dismount/Mobilization	24 H	4.3 %			
Others	-- H	-- %	Efficiency		
			Effective length/Total days		
Total	552 H	100 %	8.23 m/d		
			Effective length/Working days		
			8.70 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	200.0 m						200.0 m
Core length	181.15 m						181.15m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	15.0 m	7.5 %	100 %
89 m/m	67.0 m	33.5 %	100 %

Appendix 3-2(7) Results of Drilling Works on Individual Drillhole

(MJUB-3)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Oct. 1, '95	1	1	–	6
Drilling	Oct. 2, '95~Oct. 22, '95	21	19	2	114
Dismount	Oct. 23, '95~Oct. 24, '95	2	2	–	18
Total	Oct. 1, '95~Oct. 24, '95	24	22	2	138

Drilling length			
Programmed length	140.0 m	Overburden	– m
Prolongation	3.5 m	Core length	120.7 m
Effective length	143.5 m	Core recovery	84.1 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	195 H	37.0 %	0-100	82.4	82.4
Out drilling	81 H	15.3 %	100-143.5	87.5	84.1
Regain of accident	180 H	34.1 %			
Preparation	24 H	4.5 %			
Dismount/Mobilization	32 H	6.1 %			
Others	16 H	3.0 %	Efficiency		
			Effective length/Total days 5.98 m/d		
Total	528 H	100 %	Effective length/Working days 6.52 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	95.4 m	48.1 m					143.5 m
Core length	79.3 m	41.4 m					120.7 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	9.0 m	6.3 %	100 %
89 m/m	24.0 m	16.7 %	100 %

Appendix 3-2(8) Results of Drilling Works on Individual Drillhole

(MJUB-4)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Oct. 6, '95	1	0.7	0.3	4
Drilling	Oct. 7, '95~Oct. 26, '95	19.3	17.3	2	104
Dismount	Oct. 26, '95~Oct. 28, '95	2.7	2.7	—	22
Total	Oct. 6, '95~Oct. 28, '95	23	20.7	2.3	130

Drilling length			
Programmed length	130.0 m	Overburden	— m
Prolongation	0 m	Core length	107.9 m
Effective length	130.0 m	Core recovery	83.0 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	175 H	35.3 %	0-100	83.0	83.0
Out drilling	149 H	30.0 %	100-130	83.1	83.0
Regain of accident	92 H	18.6 %			
Preparation	16 H	3.2 %			
Dismount/Mobilization	44 H	8.9 %			
Others	20 H	4.0 %	Efficiency		
			Effective length/Total days		
Total	496 H	100 %	5.65 m/d		
			Effective length/Working days		
			6.28 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	130.0 m						130.0 m
Core length	107.9 m						107.9 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	19.0 m	14.6 %	100 %
89 m/m	31.0 m	23.8 %	100 %

Appendix 3-2(9) Results of Drilling Works on Individual Drillhole

(MJUB-5)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Oct. 29, '95~Oct. 31, '95	3	2	1	18
Drilling	Nov. 1, '95~Dec. 15, '95	45	33.3	11.7	200
Dismount	--	--	--	--	--
Total	Oct. 29, '95~Dec. 15, '95	48	35.3	12.7	218

Drilling length			
Programmed length	134.0 m	Overburden	-- m
Prolongation	0 m	Core length	108.9 m
Effective length	134.0 m	Core recovery	81.3 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	215 H	25.3 %	0-100	81.2	81.2
Out drilling	328 H	38.7 %	100-134	81.4	81.3
Regain of accident	257 H	30.3 %			
Preparation	48 H	5.7 %			
Dismount/Mobilization	-- H	-- %			
Others	-- H	-- %	Efficiency		
			Effective length/Total days		
			2.79 m/d		
Total	848 H	100 %	Effective length/Working days		
			3.80 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	134.0 m						134.0 m
Core length	108.9 m						108.9 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	12.0 m	9.0 %	100 %
89 m/m	26.0 m	19.4 %	100 %

Appendix 3-2(10) Results of Drilling Works on Individual Drillhole

(MJUB-6)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Oct. 27, '95~Oct. 31, '95	5	3.3	1.7	32
Drilling	Nov. 1, '95~Nov. 12, '95	11.7	11.7	--	72
Dismount	Nov. 12, '95~Nov. 13, '95	1.3	1.3	--	12
Total	Oct. 27, '95~Nov. 13, '95	18	16.3	1.7	116

Drilling length			
Programmed length	130.0 m	Overburden	-- m
Prolongation	23.0 m	Core length	129.8 m
Effective length	153.0 m	Core recovery	84.8 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	182 H	46.4 %	0-100	84.3	84.3
Out drilling	73 H	18.6 %	100-153	85.9	84.8
Regain of accident	21 H	5.4 %			
Preparation	80 H	20.4 %			
Dismount/Mobilization	36 H	9.2 %			
Others	-- H	-- %	Efficiency		
			Effective length/Total days		
Total	392 H	100 %	8.50 m/d		
			Effective length/Working days		
			9.39 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	23.0 m	130.0 m					153.0 m
Core length	18.3 m	111.5 m					129.8 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	9.0 m	5.9 %	100 %
89 m/m	34.0 m	22.2 %	100 %

Appendix 3-2(11) Results of Drilling Works on Individual Drillhole

(MJUB-7)

	Survey period		Breakdown of period		
	Period	Total days	Working days	No working days	Total workers
Preparation	Nov. 14, '95~Nov. 15, '95	1.7	1.3	0.4	12
Drilling	Nov. 15, '95~Dec. 4, '95	19.3	17.1	2.2	112
Dismount	Dec. 5, '95~Dec. 6, '95	1.3	1.3	–	12
Total	Nov. 14, '95~Dec. 6, '95	22.3	19.7	2.6	136

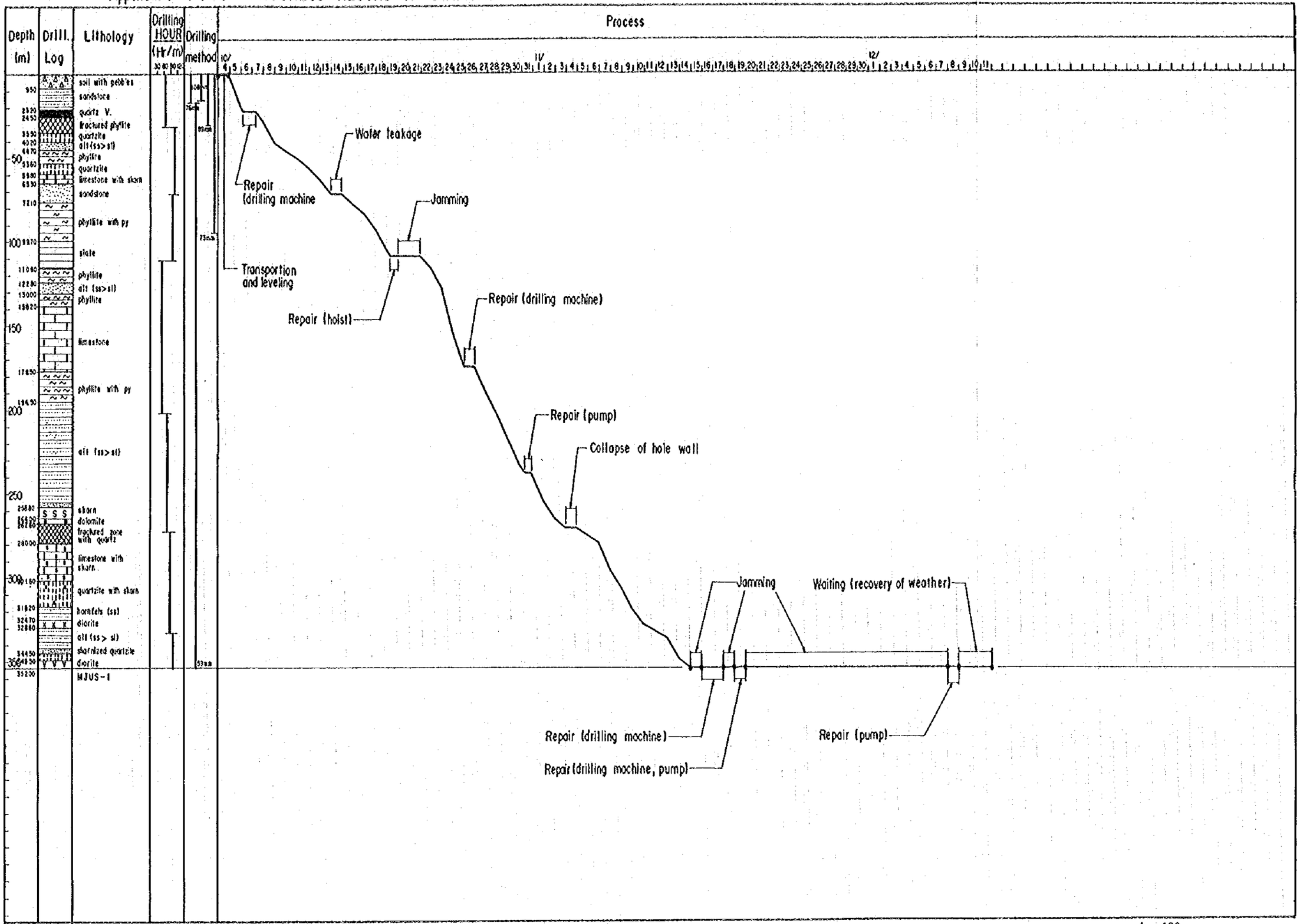
Drilling length			
Programmed length	100.0 m	Overburden	-- m
Prolongation	0.5 m	Core length	82.3 m
Effective length	100.5 m	Core recovery	81.9 %

Working hours			Core recovery by each 100m		
			Length (m)	Each (%)	Cumula. (%)
Drilling	164 H	34.7 %	0-100.5	81.9	81.9
Out drilling	89 H	18.9 %			
Regain of accident	155 H	32.8 %			
Preparation	32 H	6.8 %			
Dismount/Mobilization	32 H	6.8 %			
Others	– H	– %	Efficiency		
			Effective length/Total days 4.51 m/d		
Total	472 H	100 %	Effective length/Working days 5.10 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	9.0 m	91.5 m					100.5 m
Core length	7.4 m	74.9 m					82.3 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length×100	Casing Recovery
108 m/m	7.0 m	7.0 %	100 %
89 m/m	31.0 m	30.8 %	100 %

Appendix 3-3 (1) PROGRESS RECORD OF DIAMOND DRILLING (MJUS-1)



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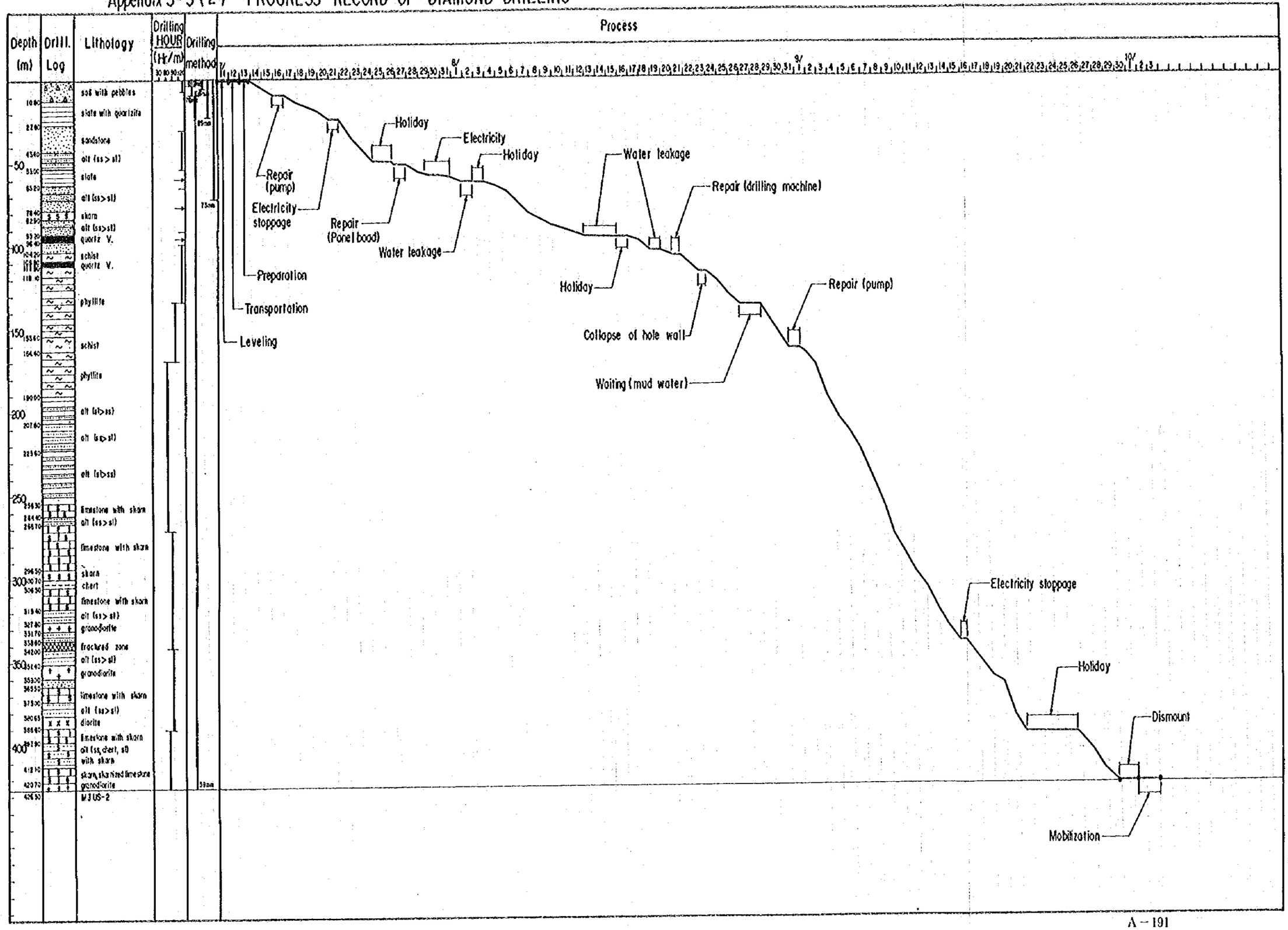
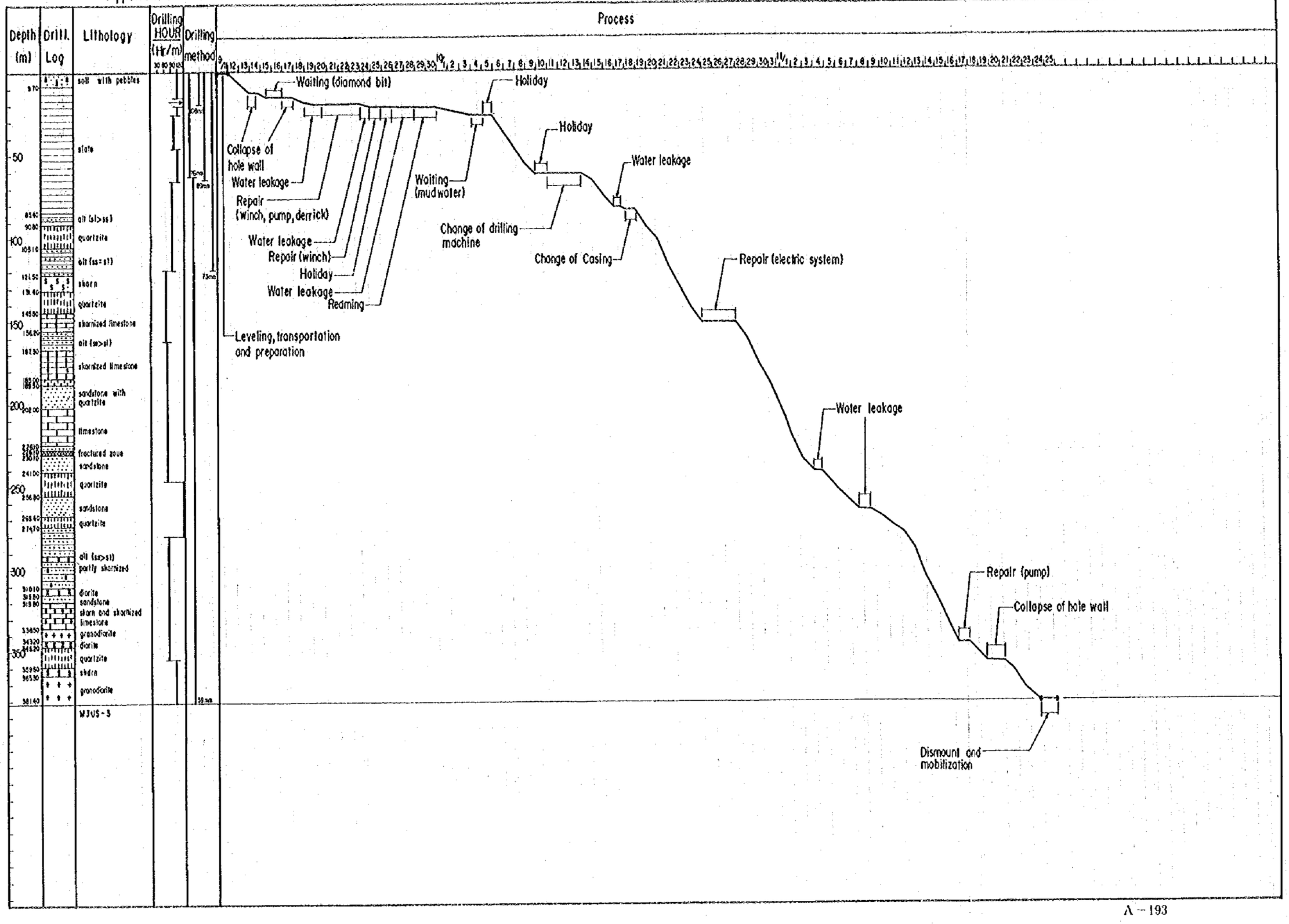
Appendix 3-3 (2) PROGRESS RECORD OF DIAMOND DRILLING (MJUS-2)

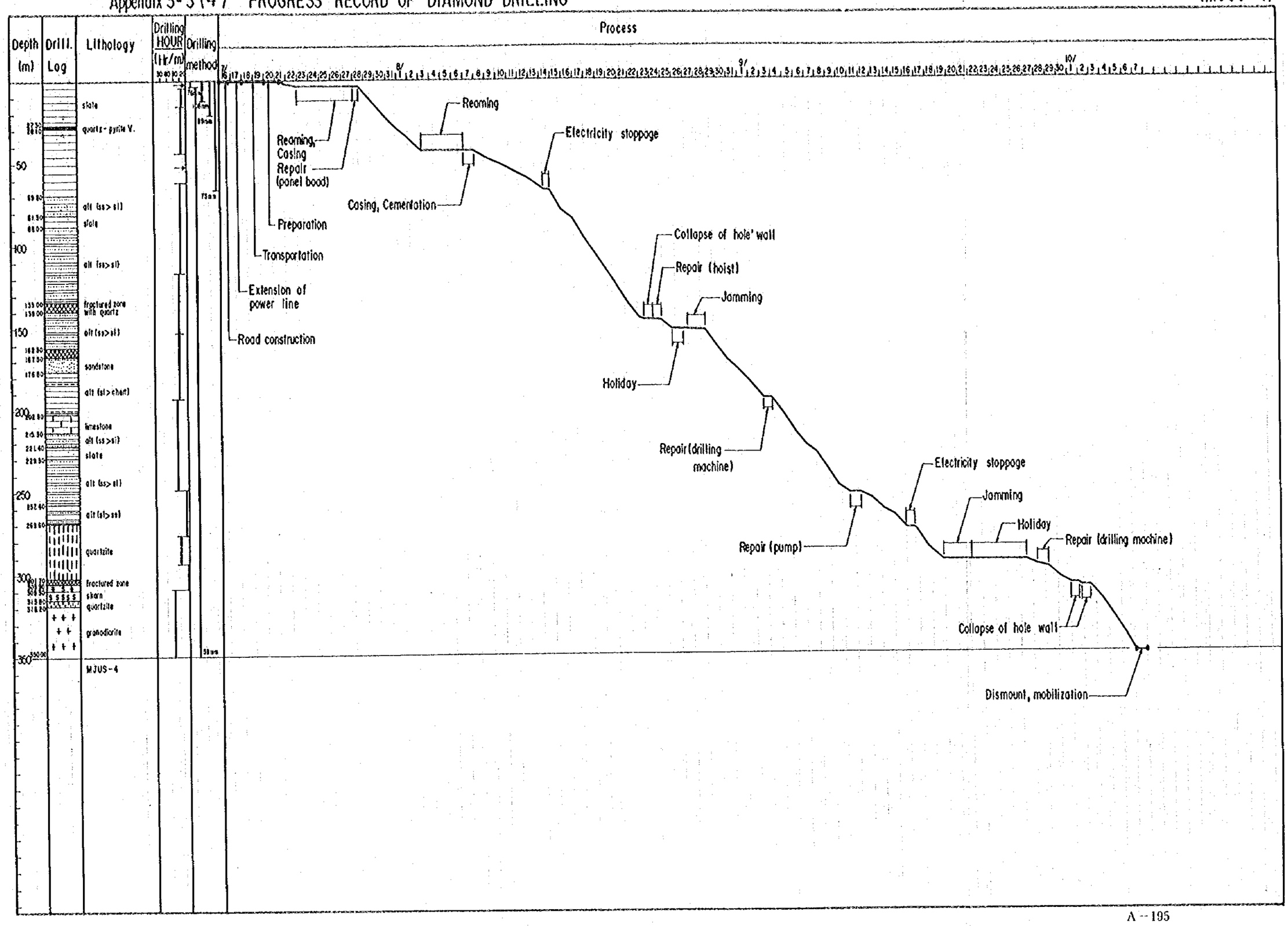


Appendix 3-3 (3) PROGRESS RECORD OF DIAMOND DRILLING

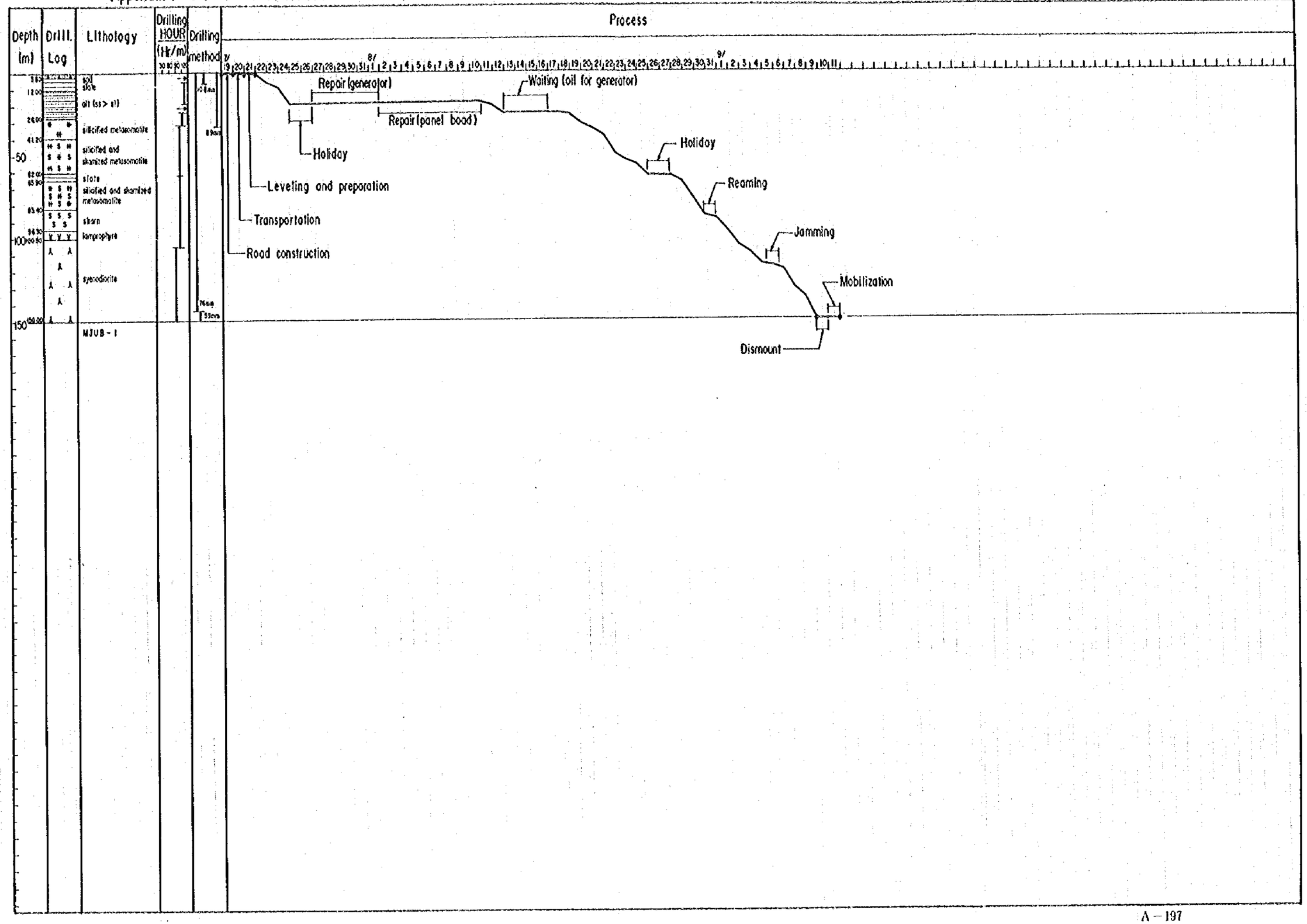
(MJUS-3)



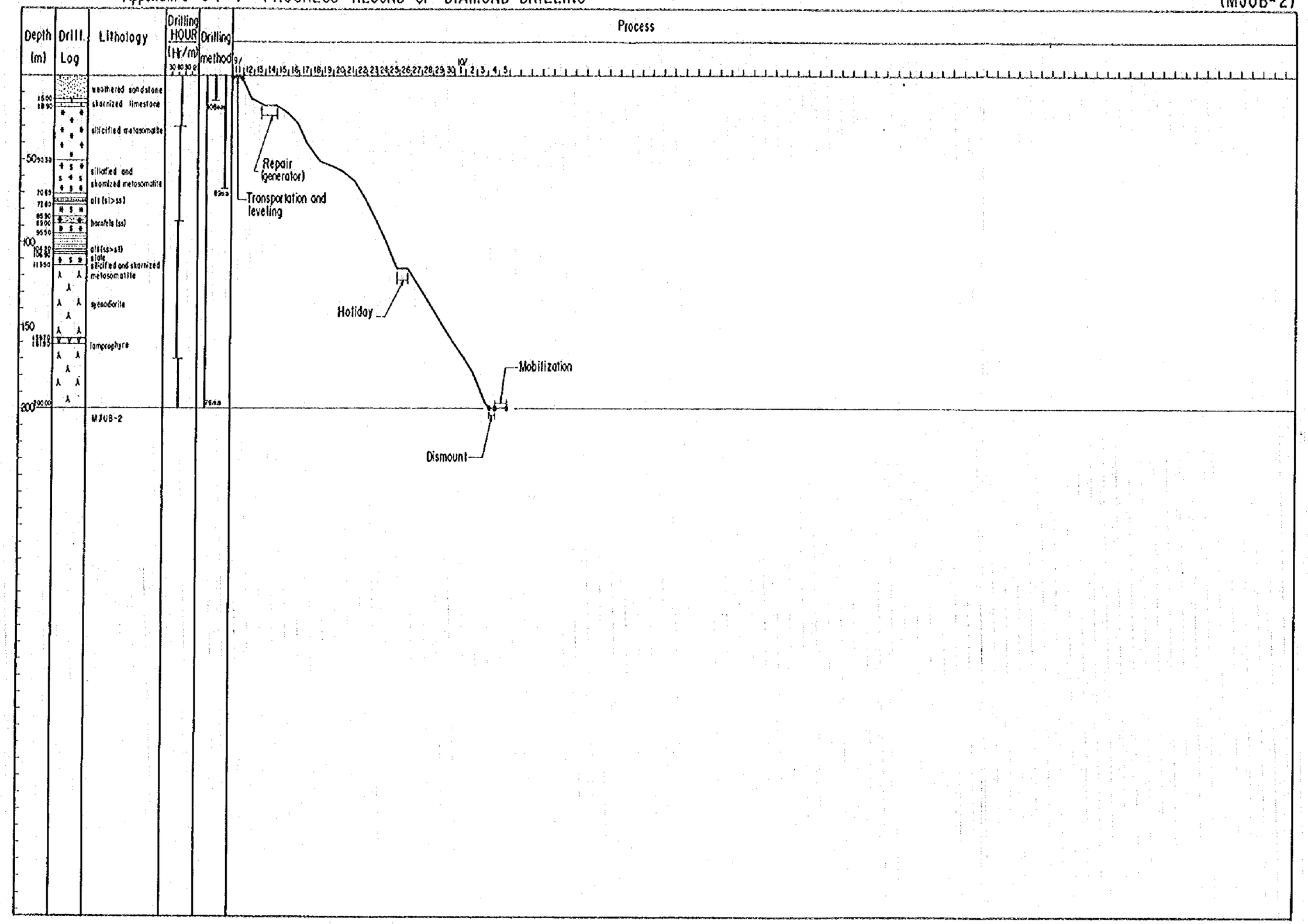
Appendix 3-3 (4) PROGRESS RECORD OF DIAMOND DRILLING (MJUS-4)



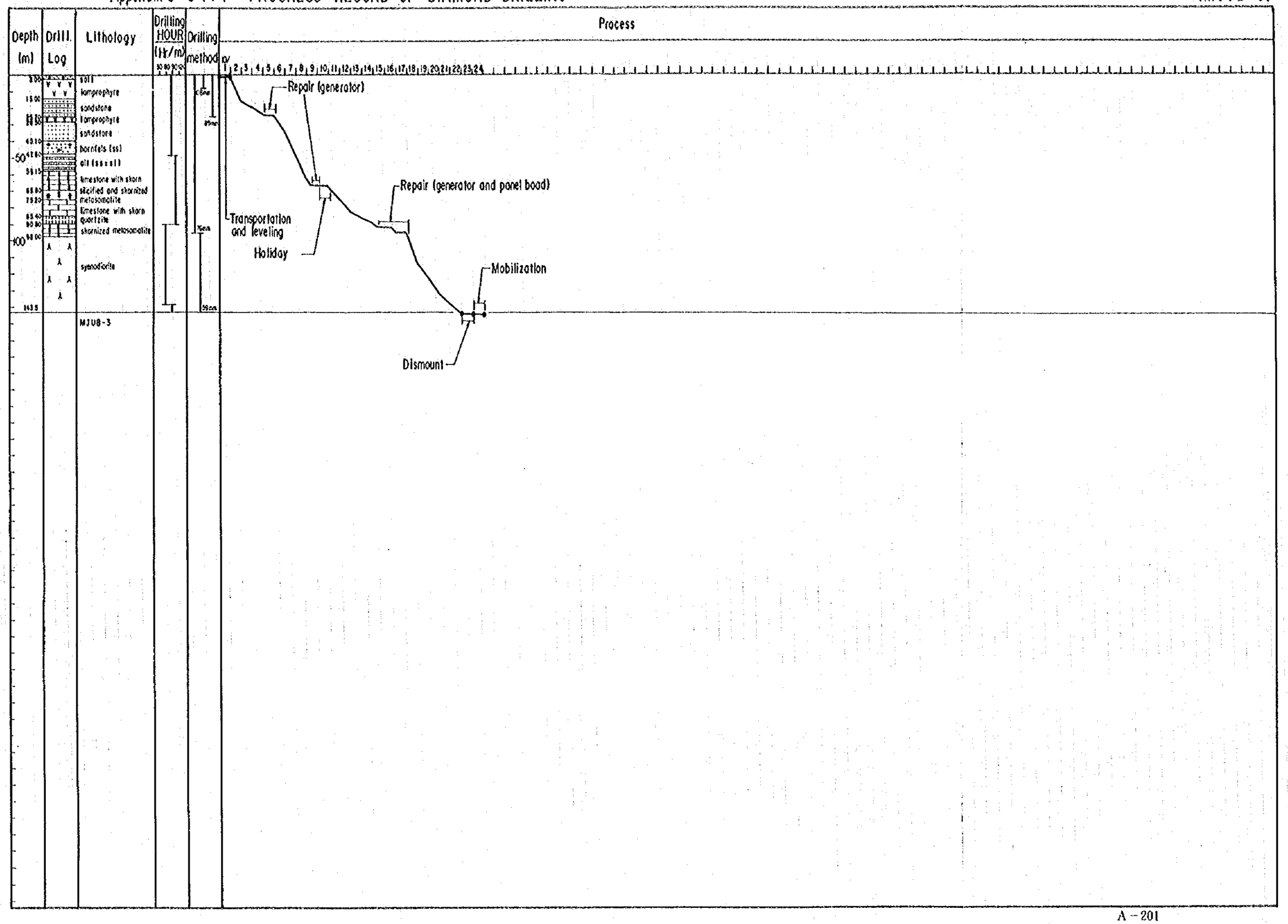
Appendix 3-3 (5) PROGRESS RECORD OF DIAMOND DRILLING (MJUB-1)



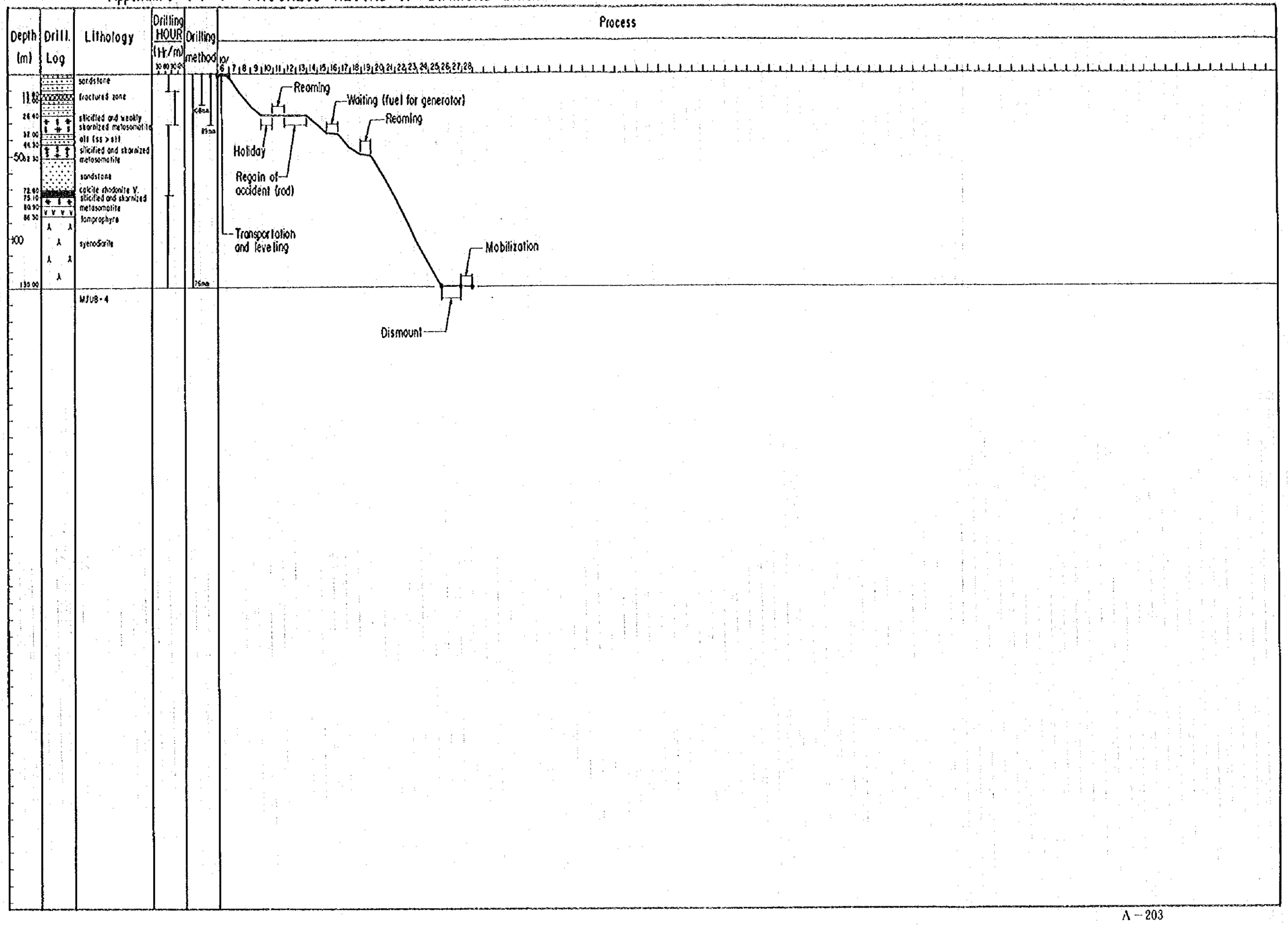
Appendix 3-3 (6) PROGRESS RECORD OF DIAMOND DRILLING (MJUB-2)



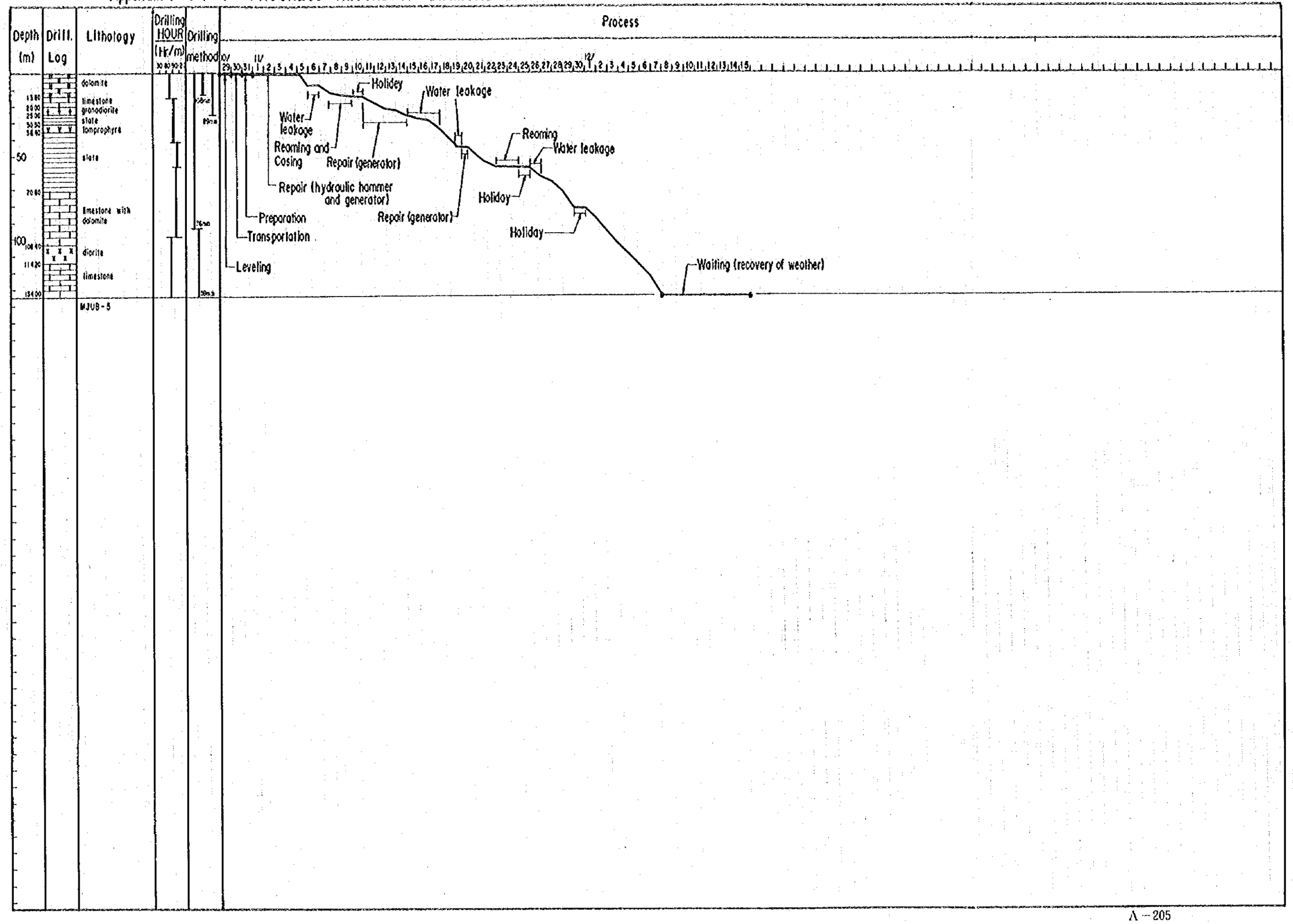
Appendix 3-3(7) PROGRESS RECORD OF DIAMOND DRILLING (MJUB-3)



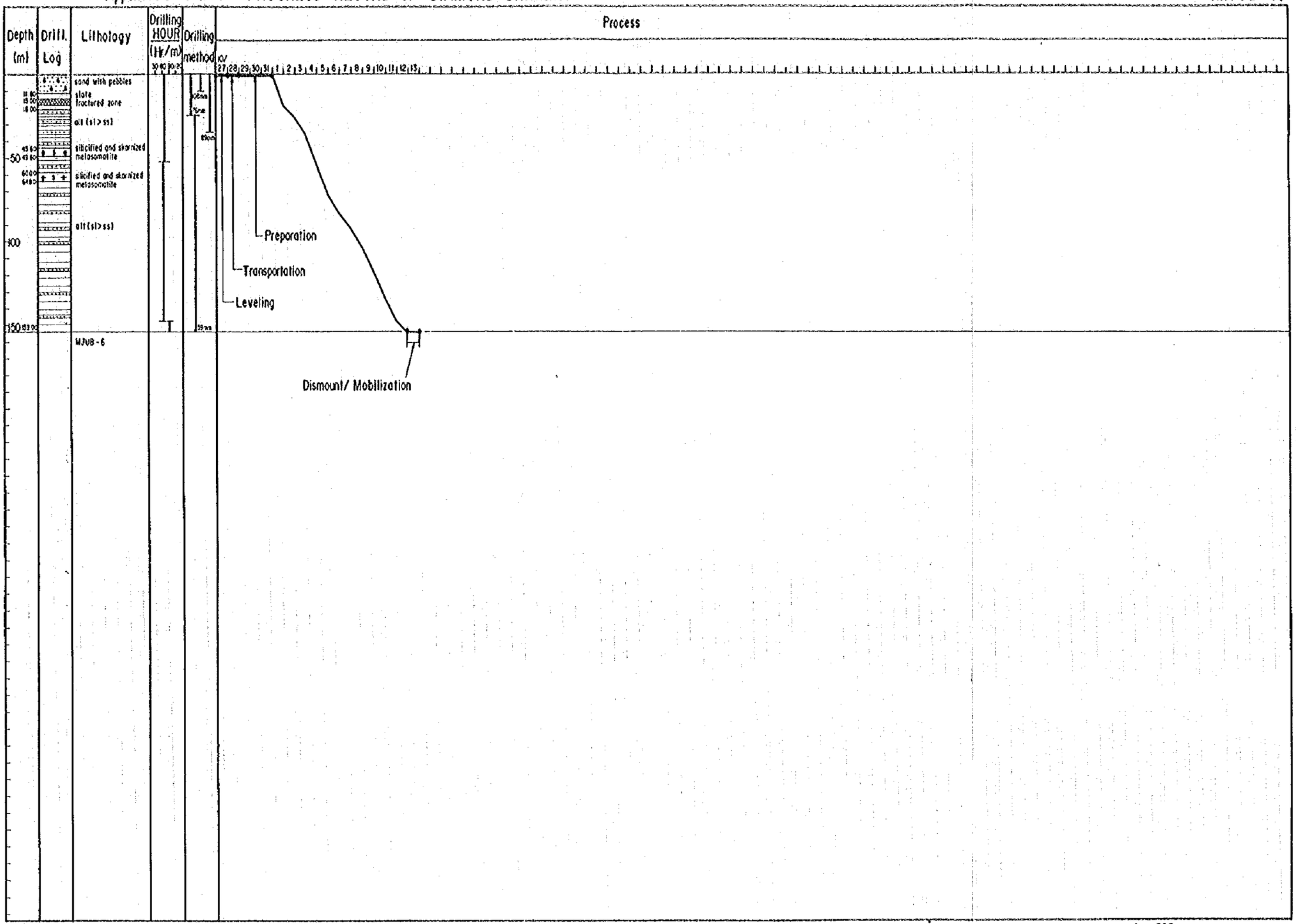
Appendix 3-3(8) PROGRESS RECORD OF DIAMOND DRILLING (MJUB-4)



Appendix 3-3 (9) PROGRESS RECORD OF DIAMOND DRILLING (MJUB-5)

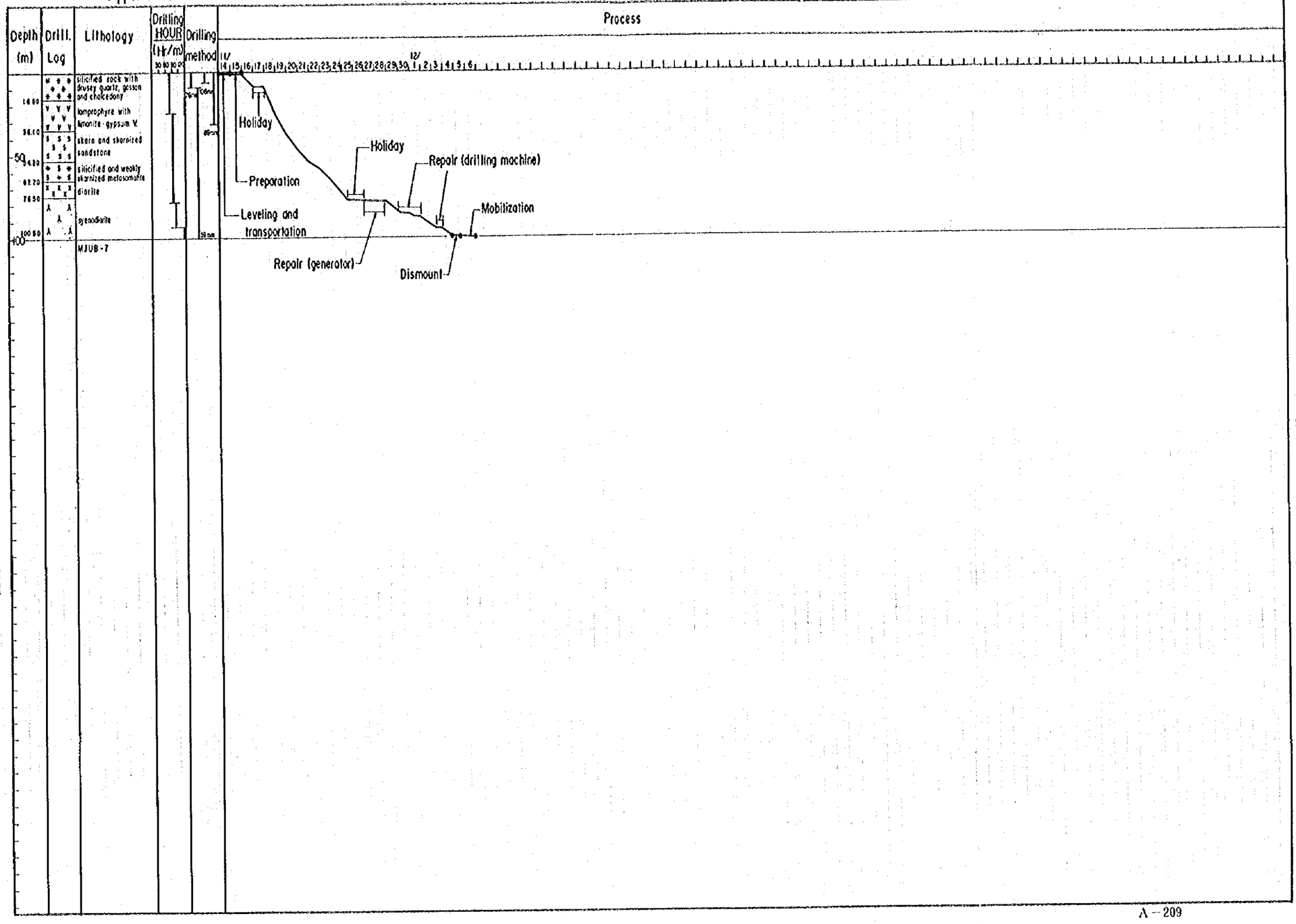


Appendix 3-3 (10) PROGRESS RECORD OF DIAMOND DRILLING (MJUB-6)



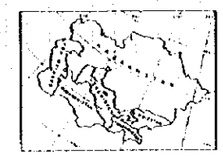
Appendix 3-3 (11) PROGRESS RECORD OF DIAMOND DRILLING

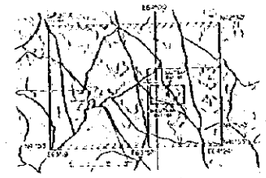
(MJUB-7)



THE MINERAL EXPLORATION IN THE EASTERN BUKANTAU AREA THE REPUBLIC OF UZBEKISTAN (PHASE II)

SKETCHES OF THE TRENCHES (I)





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METAL MINING AGENCY OF JAPAN
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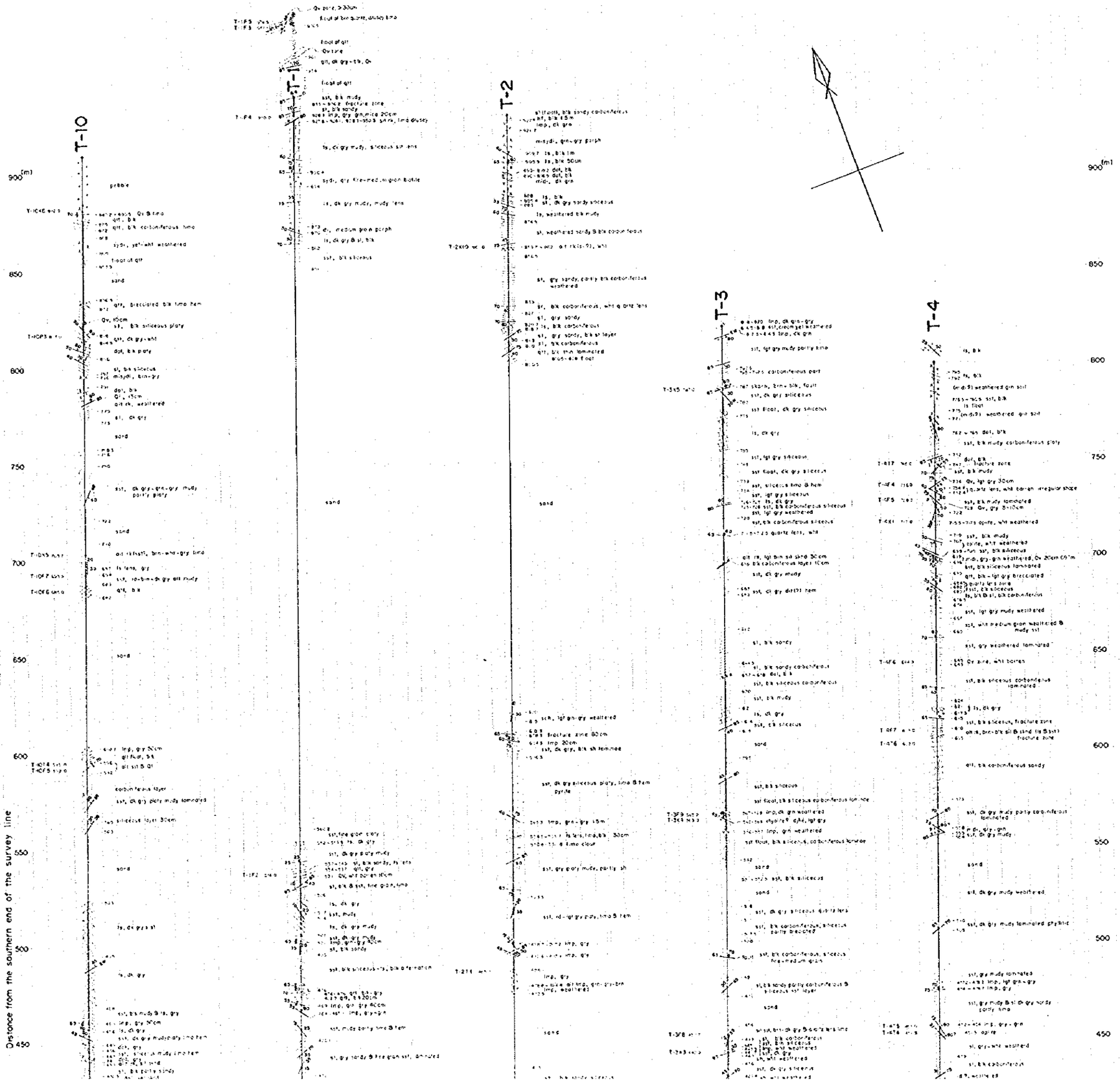


0 5 10M

LEGEND

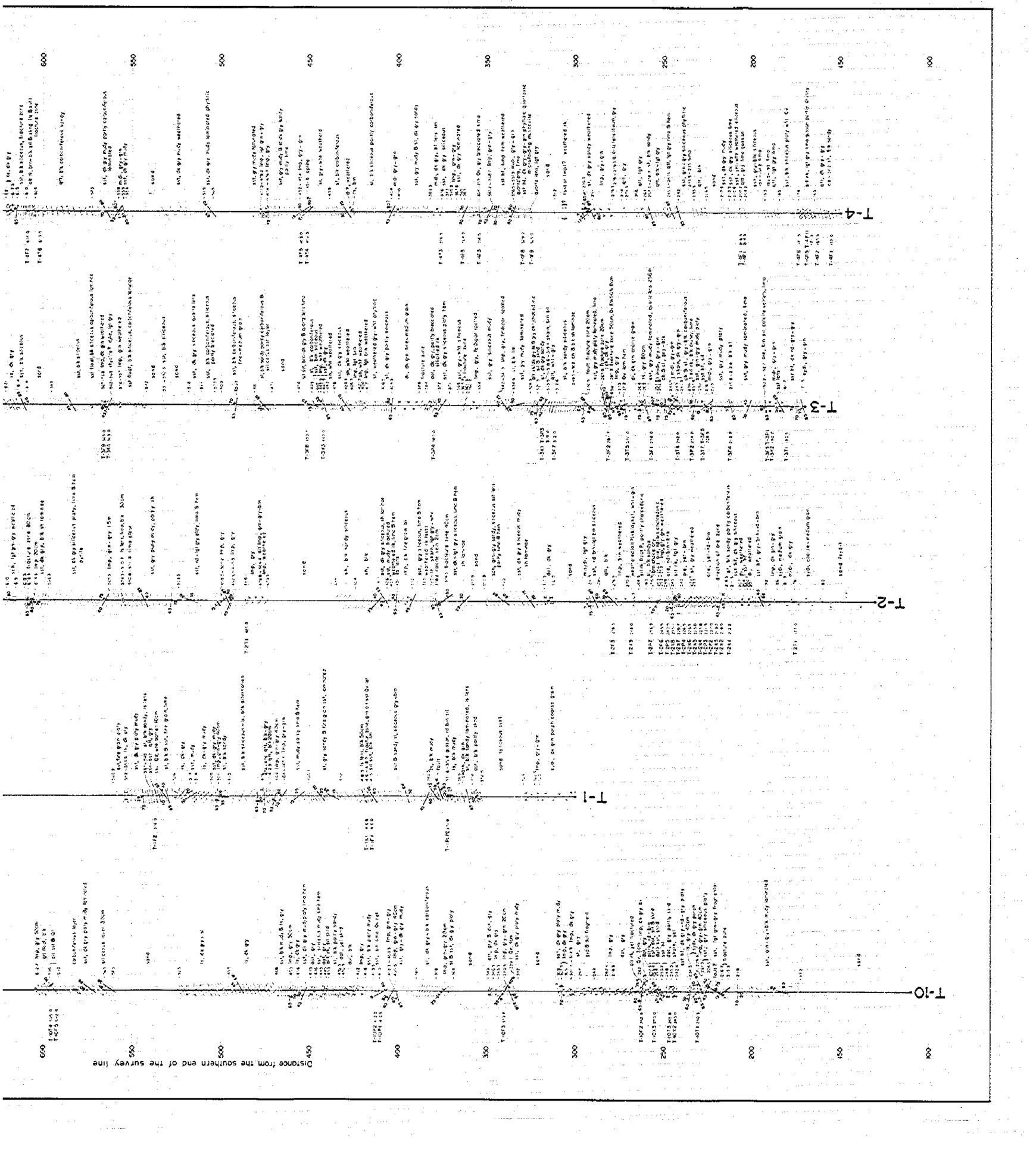
- Sand, Sand and Gypsum
- Pebble
- Lamprophyres
- Microdiorites
- Syenodiorites and Microgranosyenites
- Cherts
- Quartzites
- Dolomites
- Limestones
- Slates and Shales
- Sands Slates
- Muddy Sandstones
- Sandstones
- Schists

- Quaternary
- Cretaceous
- Late Carboniferous ~ Early Permian Intrusives
- Proterozoic Vendian ~ Riphean Kokpatas Formation

- Borehole
- Ore Body
- Altered Rock
- Fracture Zone
- Strike and Dip (Bedding Plane)
- Strike and Dip (Intrusive Rock and Altered Zone)
- Strike and Dip (Fracture Zone)

ABBREVIATIONS

a/d	: alternation
b/f	: bedrock
blk	: black
brn(-ish)	: brown(ish)
ch	: chert
dr	: diorite
dol	: dolomite
gm(-ish)	: green(ish)
gy(-ish)	: grey(ish)
grp	: gypsum
hem	: hematite
lst	: lamella
lgt	: light
limo	: limonite
lmp	: lamprophyre
ls	: limestone
m/g/d	: microgranodiorite
mudy	: muddy
porph	: porphyritic
qt	: quartz(ite)
qtz	: quartzite
qv	: quartz vein
red(-ish)	: red(ish)
rk	: rock
sch	: schist
sh	: shale
s.l	: stratified
s/lmd	: stratified laminated
st	: slate
sst	: sandstone
syd	: syenodiorite
wht	: white
yel(-ish)	: yellow(ish)



Shielded dip
Dipping plane

Shielded dip
Inferred bed
direction

Shielded
fracture plane

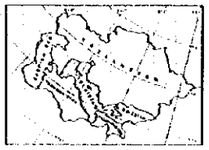
ABBREVIATIONS

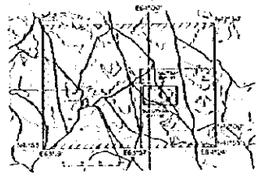
alt	altered
bio	biotite
blk	black
bnd	boundary
ch	chert
cl	clasts
dol	dolomite
gneiss	gneissoid
gry/gy	grey/ish
gyp	gypsum
hem	hematite
hf	hornfels
lgr	light
lmst	limestone
long	longitudinal
ls	limestone
m/g/f	medium/grained/fine
mdy	muddy
porph	porphyritic
Qt	quartz/ites
qzt	quartzite
Qv	quartz vein
rd/ish	red/ish
rck	rock
sch	schist
sil	silicified
sltst	siltstone
ss	sandstone
sst	sandstone
wht	white
y/ish	yellow/ish

PI-II-3-2-1

THE MINERAL EXPLORATION IN THE EASTERN BUKANTAU AREA THE REPUBLIC OF UZBEKISTAN (PHASE II)

SKETCHES OF THE TRENCHES (2)





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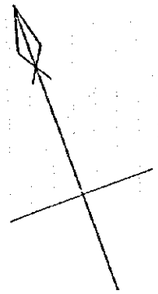
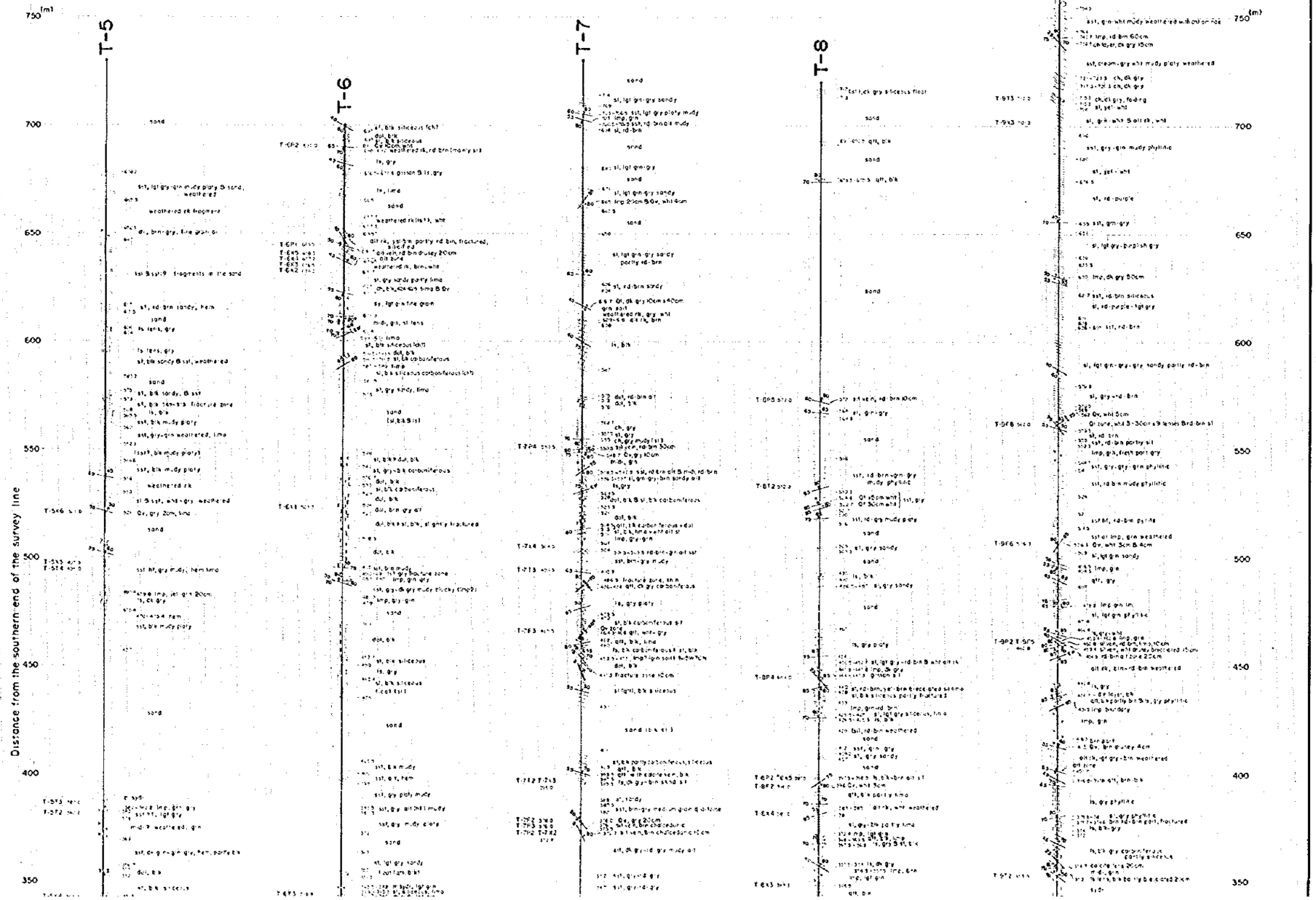




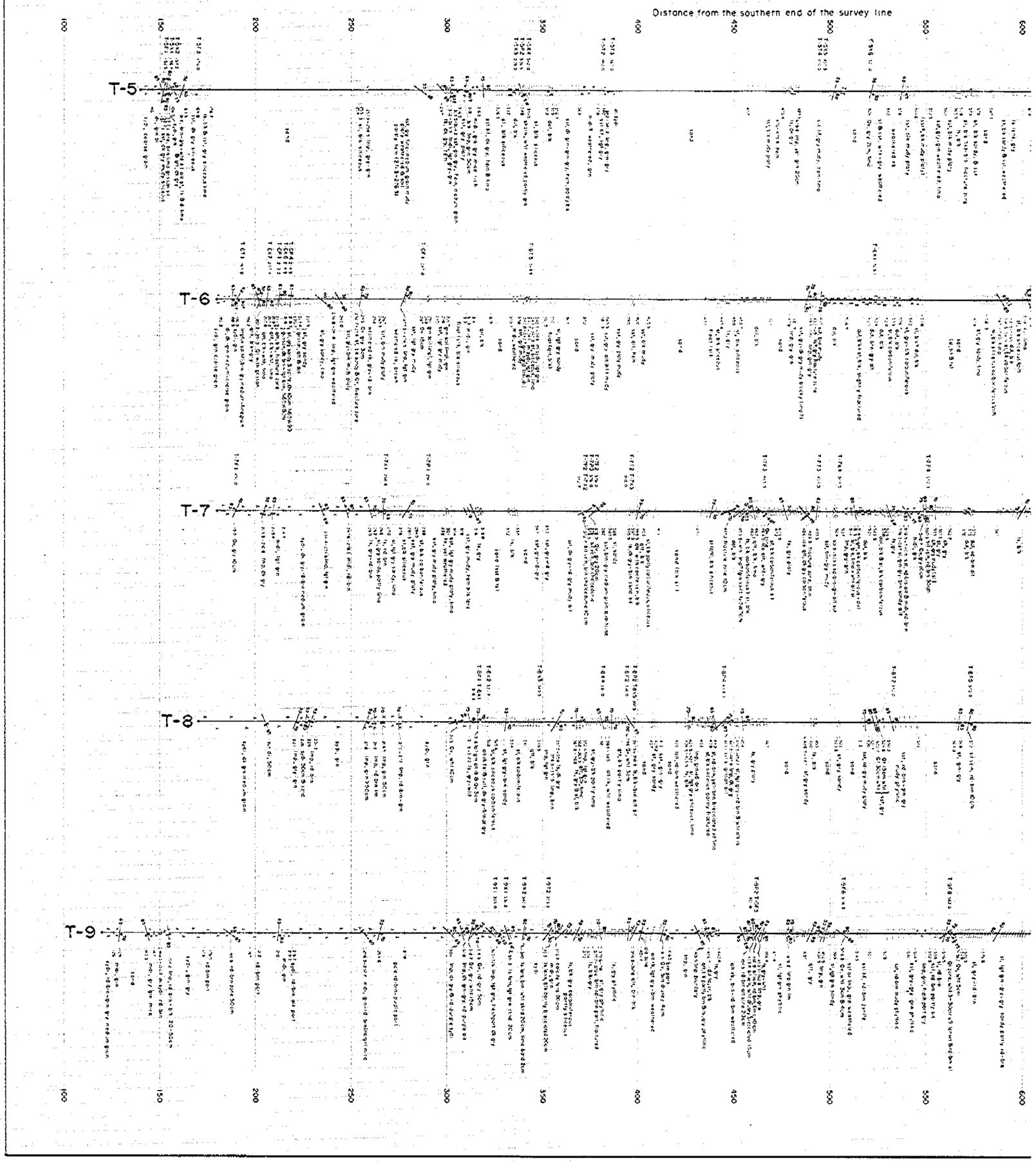
0 5 10KM

LEGEND

- Sand, Sand and Gypsum — Quaternary
- Pebble — Cretaceous
- Lamprophyres
- Microdiorites
- Syenodiorites and Microgranosyenites — Late Carboniferous to Early Permian Intrusives
- Cherts
- Quartzites
- Dolomites
- Limestones
- Slates and Shales
- Sandy Slates
- Muddy Sandstones
- Sandstones
- Schists — Proterozoic Vendian to Riphean Kalpinsu Formation
- Hornfels
- Ore Body
- Altered Rock
- Fracture Zone
- Strike and Dip (Bedding Plane)
- Strike and Dip (Various Rock and Altered Zone)
- Strike and Dip (Fracture Zone)

ABBREVIATIONS

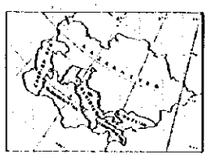
alt'd	altered
bi	biotite
blk	black
brn(-ish)	brown(ish)
ch	chert
di	diorite
dol	dolomite
grn(-ish)	green(ish)
gry(-ish)	grey(ish)
gyp	gypsum
hem	hematite
hnfls	hornfels
lgt	light
lmnde	limonite
lmp	lamprophyre
ls	limestone
m-sy(d)	microsyenodiorite
mudy	muddy
porph	porphyritic
Qz	quartz vein
qtz	quartzite
Qv	quartz vein
rst(-s)	rust(s)
rk	rock
sch	schist
sh	shale
s-k	silicified
sand	sandstone
sl	slate
sst	sandstone

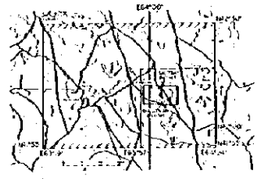

Distance from the southern end of the survey line
600
550
500
450
400
350
300
250
200
150
100
T-5
T-6
T-7
T-8
T-9

PL.II-3-2-2

THE MINERAL EXPLORATION IN THE EASTERN BUKANTAU AREA THE REPUBLIC OF UZBEKISTAN (PHASE II)

DETAILED SKETCHES OF TRENCHES





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