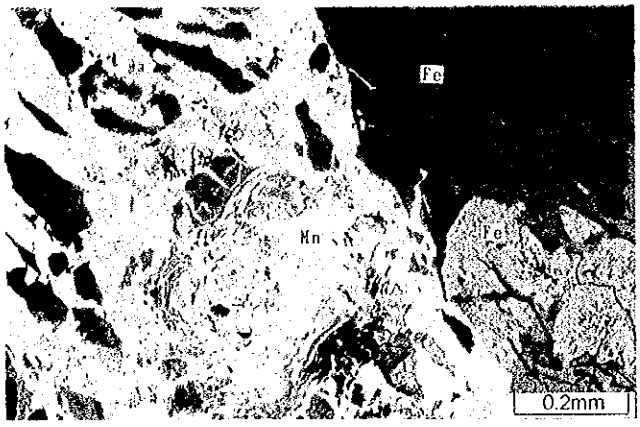
Apx.18 Microphotographs of the Polished Section

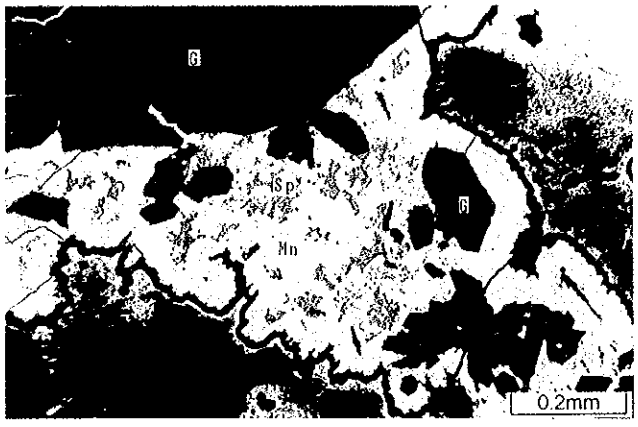
Abbreviations

- Ce : Cerusite
- Cp : Chalcopyrite
- Cv : Covellite
- El : Electrum
- Fe : Fe-oxide
- G : Gangue
- Gn : Galena
- Mn : Mn-oxide
- Py : Pyrite
- Sp : Sphalerite
- Td : Tetrahedrite

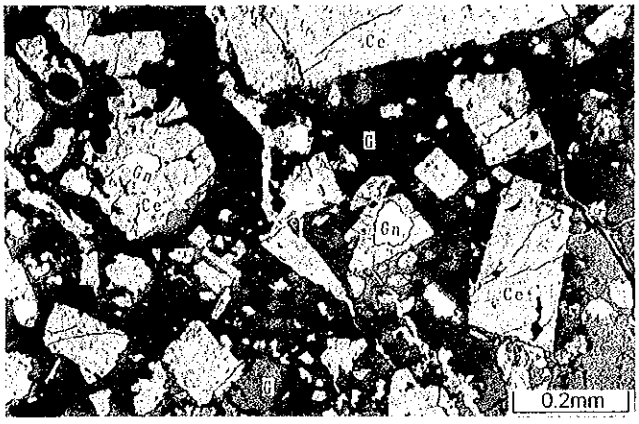
0205



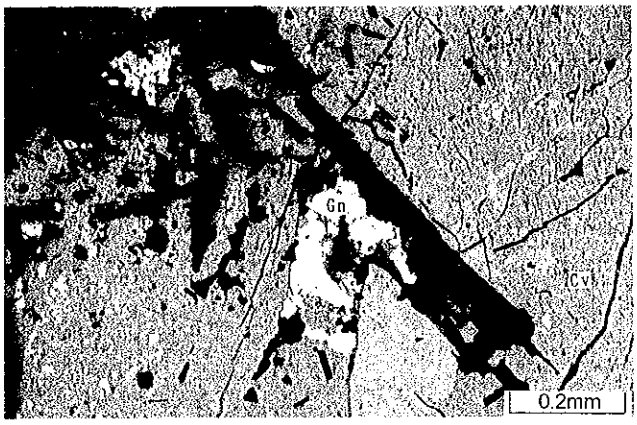
0205



0116



0209



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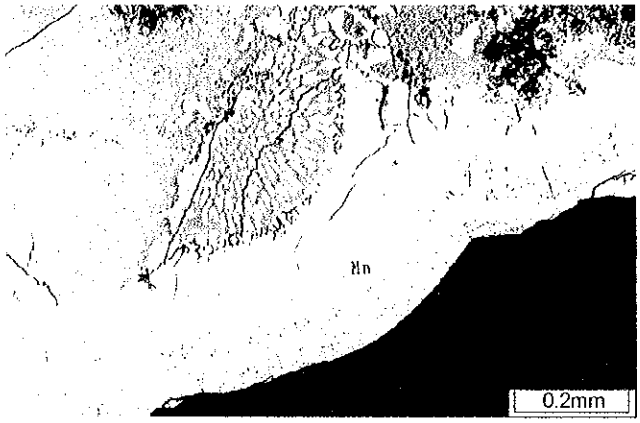
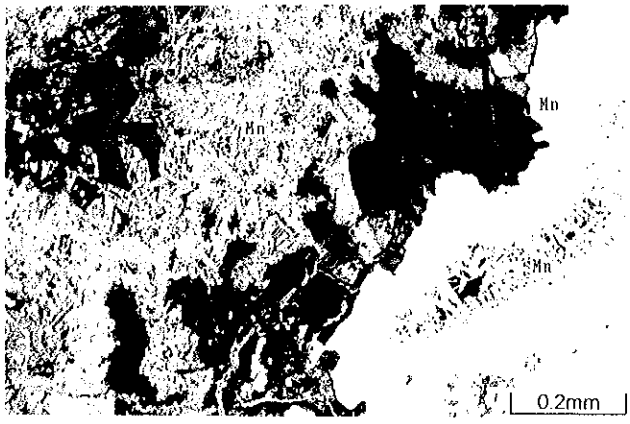


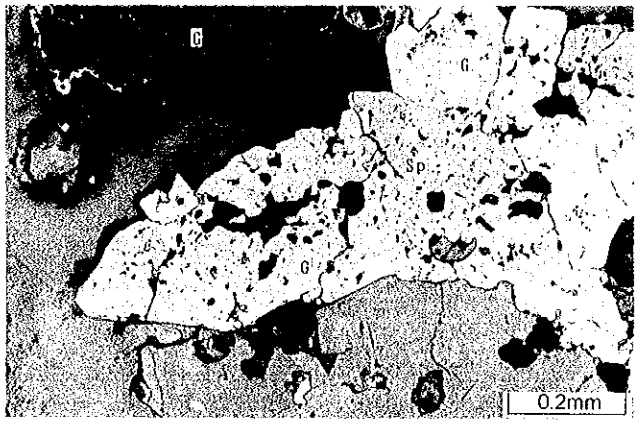
0812



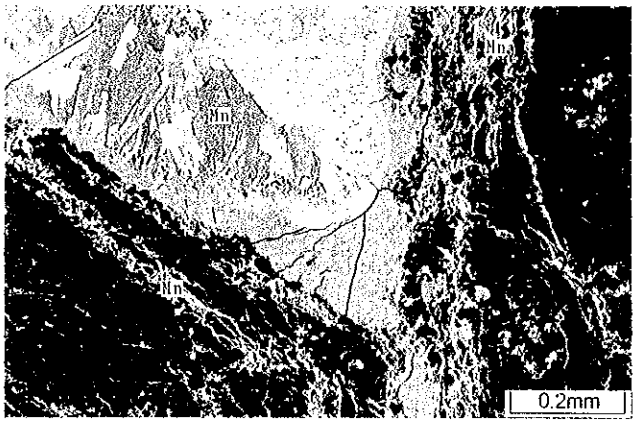
Apx.18-1 Microphotographs of the Polished Section of Trenching Samples in Tsav Area

41102

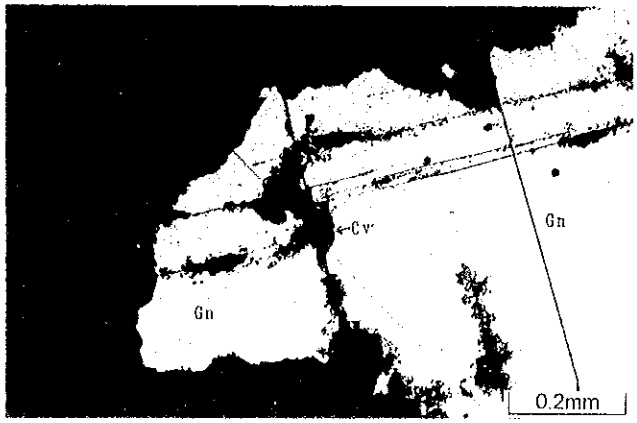
43601



44002



45302



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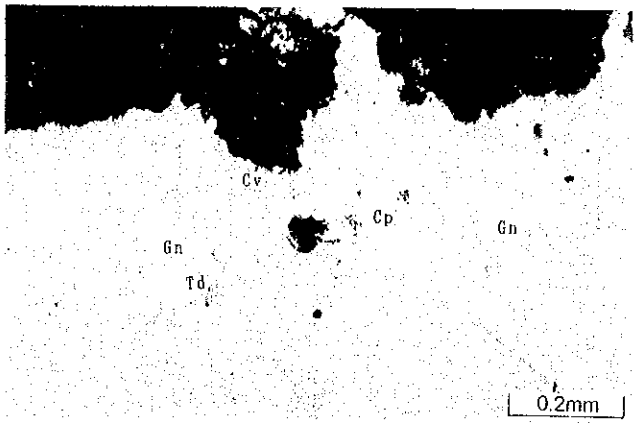
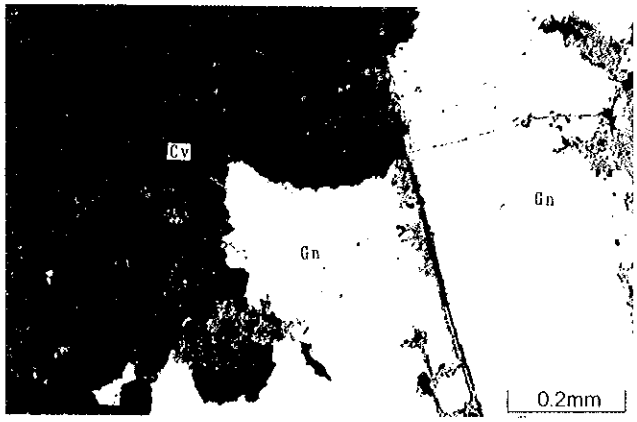
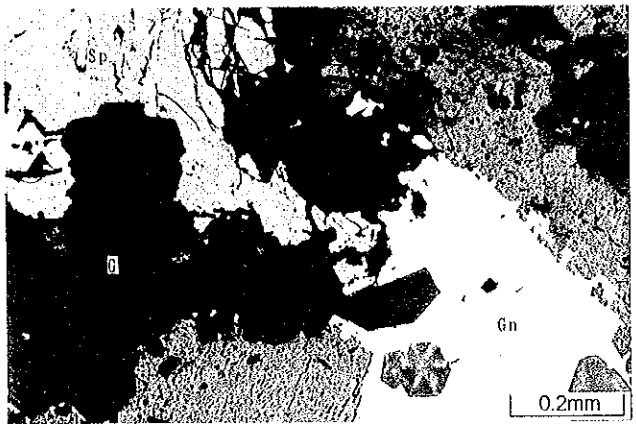


44403

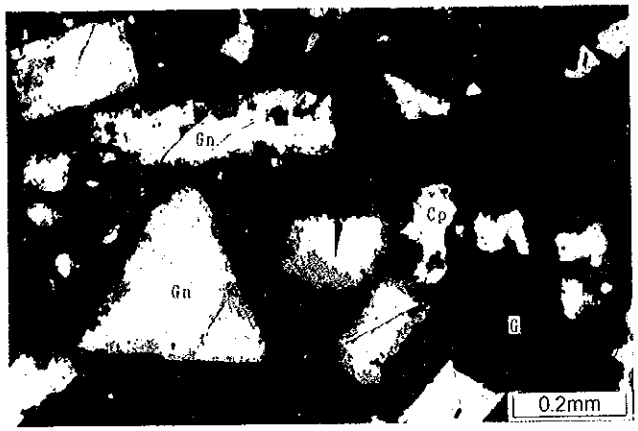


Apx.18-2 Microphotographs of the Polished Section of Trenching Samples in No.4 vein

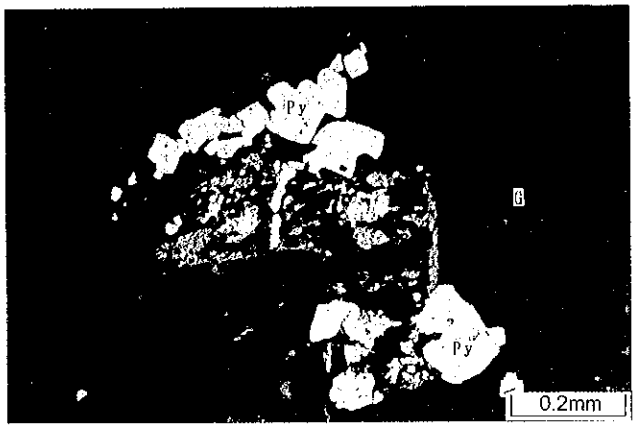
60-S-97.0



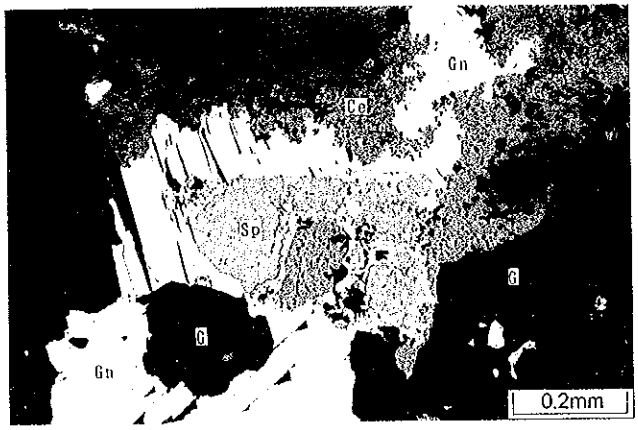
60-3-5.0



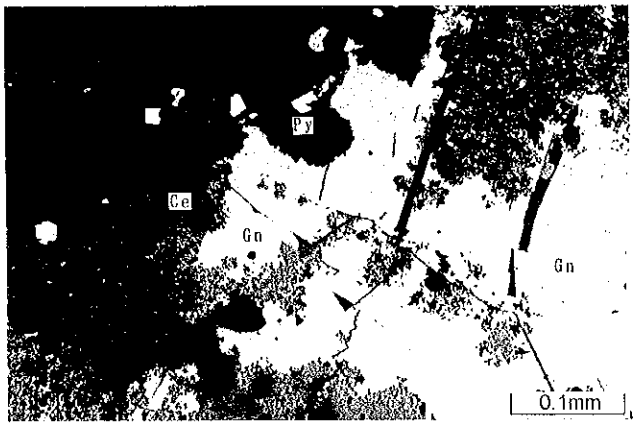
60-3-13.0



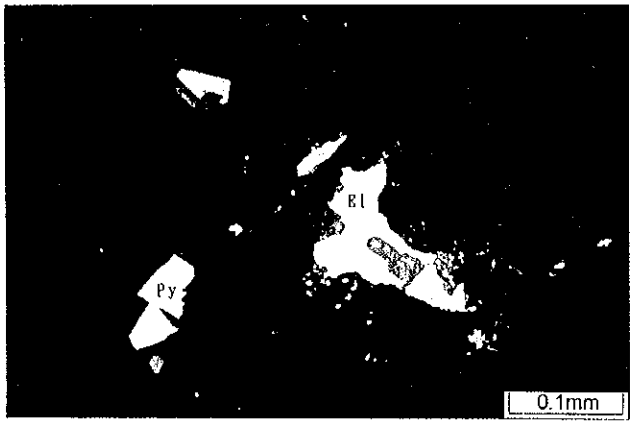
60-4-9.5



60-3-23.0

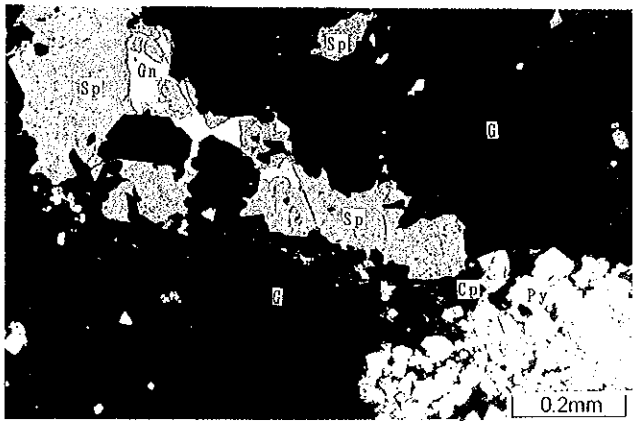


60-3-23.0

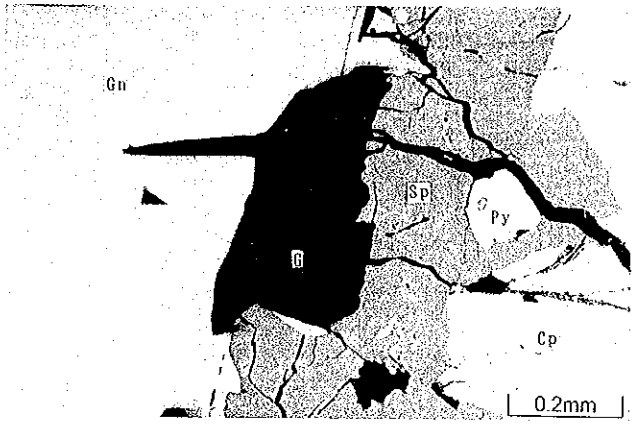


Apx.18-3 Microphotographs of the Polished Section of Adit Samples

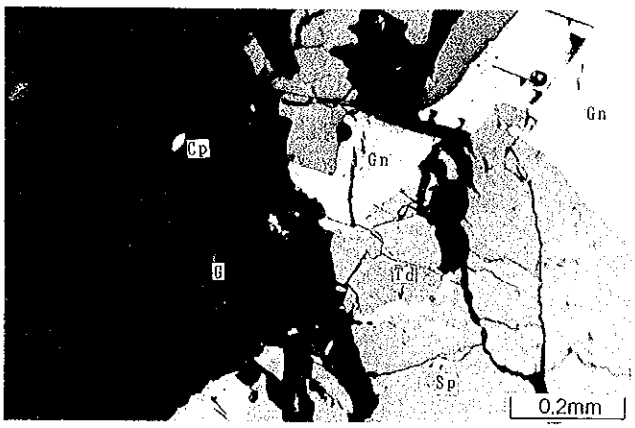
1-8.6



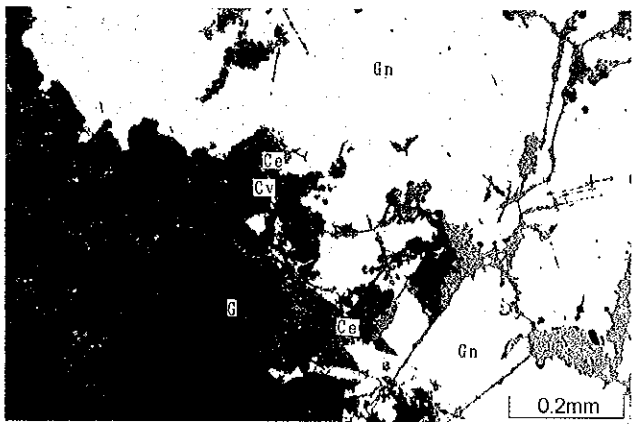
5-31.8



5-31.8



9-22.65



11-19.5

13-30.5.

Apx.18-4 Microphotographs of the Polished Section of Drillig Samples

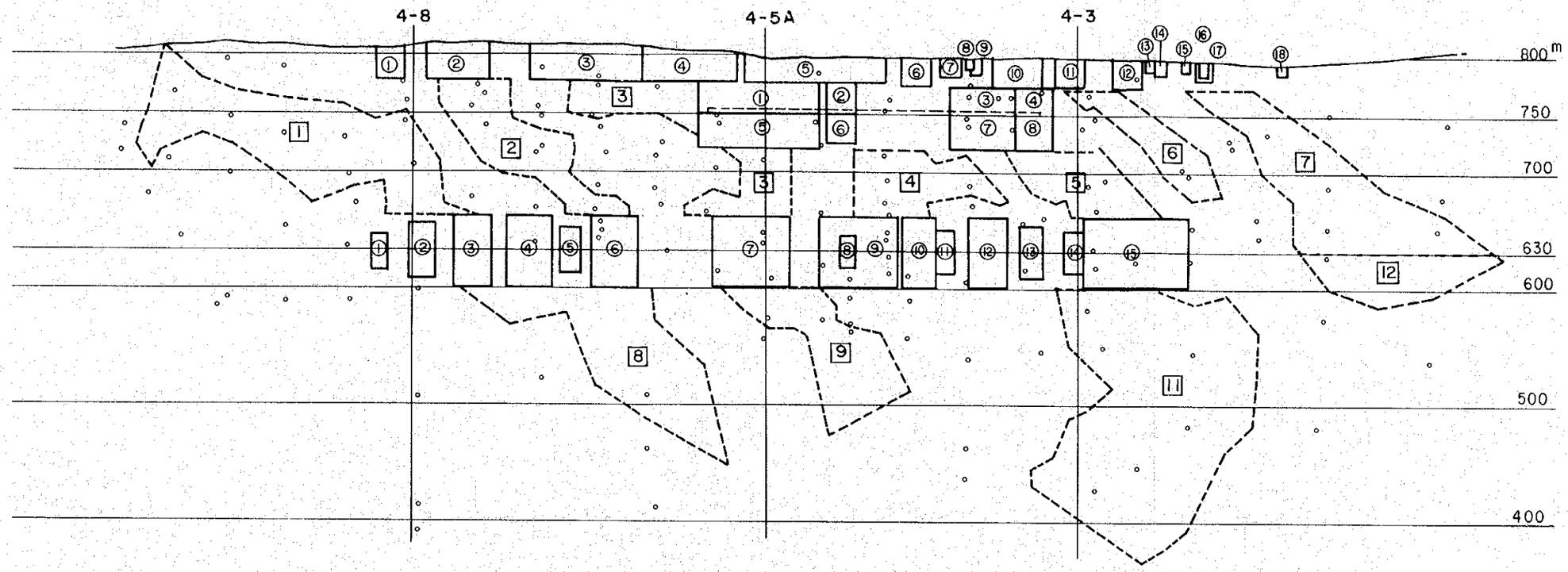
Apx.19 Ore Reserve Estimation

	Vein	Level	Block	Area	Length	Width	Hight	Volume	S.G.	Reserve	Grade					Quantity of metal				
				m2	m	m	m	m3		t	Au g/t	Ag g/t	Pb %	Zn %	Cu %	Au g	Ag kg	Pb t	Zn t	Cu t
Probable ore reserve	No. 4	trench	1	21	25.5	0.8	25.5	267.8	3	803	2.46	109.32	8.30	0.83	0.35	1,976.00	87.81	66.67	6.67	2.81
			2	83	54.5	1.5	28.5	1,182.8	3	3,548	2.30	231.40	13.29	2.90	0.55	8,160.98	821.07	471.56	102.90	19.52
			3	181	97.0	1.9	27.5	2,488.8	3	7,466	2.00	120.10	8.14	1.12	0.37	14,932.50	896.70	607.75	83.62	27.63
			4	155	83.5	1.9	26.0	2,015.0	3	6,045	2.93	113.45	8.96	0.37	0.21	17,711.85	685.61	541.63	22.37	12.69
			5	120	121.0	1.0	25.0	1,500.0	3	4,500	4.62	130.47	7.63	0.25	0.13	20,790.00	587.12	343.35	11.25	5.85
			6	25	28.0	0.9	23.0	287.5	3	863	4.90	99.77	7.44	0.13	0.15	4,226.25	86.05	64.17	1.12	1.29
			7	11	17.0	0.6	17.0	93.5	3	281	3.73	261.86	10.77	0.10	0.24	1,046.27	73.45	30.21	0.28	0.67
			8	2	7.0	0.3	7.0	7.0	3	21	0.54	43.56	3.03	0.06	0.03	11.34	0.91	0.64	0.01	0.01
			9	7	10.0	0.7	10.0	35.0	3	105	1.34	37.41	1.97	0.13	0.24	140.70	3.93	2.07	0.14	0.25
			10	31	43.0	0.7	23.5	364.3	3	1,093	2.96	138.52	13.51	0.17	0.12	3,234.54	151.37	147.63	1.86	1.31
			11	16	23.0	0.7	23.0	184.0	3	552	2.02	134.88	11.87	0.23	0.14	1,115.04	74.45	65.52	1.27	0.77
			12	11	29.0	0.4	23.5	129.3	3	388	1.47	93.00	5.68	0.17	0.05	569.99	36.06	22.80	0.66	0.19
			13	3	8.5	0.4	8.5	12.8	3	38	2.75	147.86	6.08	0.14	0.10	105.19	5.66	2.33	0.05	0.04
			14	9	10.0	0.9	10.0	45.0	3	135	2.28	246.43	8.60	0.11	0.07	307.80	33.27	11.61	0.15	0.09
			15	4	8.0	0.5	8.0	16.0	3	48	1.02	56.53	2.97	0.12	0.09	48.96	2.71	1.43	0.06	0.04
			16	6	10.0	0.6	10.0	30.0	3	90	0.65	124.89	4.05	0.12	0.14	58.50	11.24	3.65	0.11	0.13
			17	5	12.0	0.4	12.0	30.0	3	90	4.21	128.44	7.68	0.11	0.11	378.90	11.56	6.91	0.10	0.10
			18	3	8.0	0.4	8.0	12.0	3	36	1.04	302.62	29.76	0.03	0.05	37.44	10.89	10.71	0.01	0.02
			total	693	595.0	1.2	25.1	8,700.8	3	26,102	2.87	137.16	9.20	0.89	0.28	74,852.25	3,580.06	2,400.64	232.63	73.41
		750m upper	1	126	105.0	1.2	25.0	1,575.0	3	4,725	1.94	73.68	3.90	1.04	0.21	9,166.50	348.14	184.28	49.14	9.92
			2	14	25.0	0.6	25.0	175.0	3	525	5.24	177.23	8.46	6.58	0.86	2,751.00	93.05	44.42	34.55	4.52
			3	100	90.0	1.1	23.5	1,175.0	3	3,525	1.12	175.08	8.20	5.95	0.28	3,948.00	617.16	289.05	209.74	9.87
			4	26	33.0	0.8	23.5	305.5	3	917	1.03	85.15	1.49	1.21	0.14	944.00	78.04	13.66	11.09	1.28
			subtotal	266	253.0	1.1	24.3	3,230.5	3	9,692	1.73	117.25	5.48	3.14	0.25	16,809.50	1,136.39	531.41	304.52	25.59
		750m lower	5	126	105.0	1.2	30.0	1,890.0	3	5,670	1.94	73.68	3.90	1.04	0.21	10,999.80	417.77	221.13	58.97	11.91
			6	14	25.0	0.6	25.0	175.0	3	525	5.24	177.23	8.46	6.58	0.86	2,751.00	93.05	44.42	34.55	4.52
			7	100	90.0	1.1	30.0	1,500.0	3	4,500	1.12	175.08	8.20	5.95	0.28	5,040.00	787.86	369.00	267.75	12.60
			8	26	33.0	0.8	30.0	390.0	3	1,170	1.03	85.15	1.49	1.21	0.14	1,205.10	99.63	17.43	14.16	1.64
			subtotal	266	253.0	1.1	29.7	3,955.0	3	11,865	1.69	117.85	5.49	3.16	0.26	19,995.90	1,398.31	651.98	375.43	30.67
			total	532	506.0	1.1	27.0	7,185.5	3	21,557	1.71	117.58	5.49	3.15	0.26	36,805.40	2,534.70	1,183.39	679.95	56.26
		630m	1	7	15.5	0.5	31.0	108.5	3	326	0.84	34.31	3.88	8.23	0.07	274.64	11.17	12.61	26.79	0.23
			2	16	23.0	0.7	46.0	368.0	3	1,104	0.53	84.42	3.50	3.83	0.11	584.05	93.20	38.65	42.32	1.27
			3	41	35.5	1.2	60.0	1,230.0	3	3,690	1.43	319.16	9.10	4.35	0.43	5,284.39	1,177.69	335.85	160.44	15.83
			4	62	42.0	1.5	60.0	1,860.0	3	5,580	0.71	133.58	5.69	6.28	0.39	3,941.65	745.38	317.69	349.14	21.76
			5	11	18.0	0.6	36.0	198.0	3	594	0.84	194.52	6.35	6.08	0.69	497.58	115.55	37.72	36.09	4.09
			6	31	41.0	0.8	60.0	930.0	3	2,790	0.82	363.26	6.36	3.46	0.31	2,291.95	1,013.49	177.54	96.51	8.55
			7	63	68.0	0.9	60.0	1,890.0	3	5,670	3.15	171.52	3.05	3.13	0.14	17,877.96	972.54	173.13	177.51	7.94
			8	13	13.0	1.0	26.0	169.0	3	507	0.54	14.58	0.46	2.32	0.04	271.46	7.39	2.33	11.78	0.21
			9	67	69.0	1.0	60.0	2,010.0	3	6,030	1.95	294.79	6.87	4.57	0.23	11,740.27	1,777.60	414.33	275.61	13.66
			10	36	32.0	1.1	60.0	1,080.0	3	3,240	1.23	459.19	11.50	3.45	0.21	3,980.02	1,487.76	372.49	111.76	6.80
			11	39	18.0	2.2	36.0	702.0	3	2,106	2.02	118.08	6.83	3.82	0.16	4,245.01	248.67	143.81	80.45	3.35
			12	34	34.0	1.0	60.0	1,020.0	3	3,060	0.78	72.20	3.91	2.69	0.15	2,401.87	220.93	119.65	82.31	4.59
			13	16	22.5	0.7	45.0	360.0	3	1,080	0.33	27.49	2.87	1.48	0.08	356.94	29.69	31.01	15.99	0.90
			14	8	17.0	0.5	34.0	136.0	3	408	0.69	97.43	5.99	7.22	0.49	282.86	39.75	24.45	29.45	2.01
			15	115	93.5	1.2	60.0	3,450.0	3	10,350	1.32	211.32	7.58	7.29	0.52	13,683.42	2,187.13	784.83	754.58	53.58
			total	559	542.0	1.0	55.5	15,511.5	3	46,535	1.46	217.64	6.42	4.84	0.31	67,716.07	10,127.94	2,986.09	2,250.73	144.77
			total	1,784	1,643.0	1.1	35.2	31,397.8	3	94,194	1.90	172.44	6.98	3.36	0.29	179,373.72	16,242.70	6,570.12	3,163.31	274.44
	No. 6	trench	1	8	20.0	0.4	20.0	80.0	3	240	1.04	117.44	5.67	0.11	0.04	249.09	28.19	13.60	0.28	0.10
			2	113	105.5	1.1	30.0	1,695.0	3	5,085	0.70	177.94	11.44	0.51	0.19	3,559.61	904.83	581.76	25.95	9.65
			3	84	74.5	1.1	30.0	1,260.0	3	3,780	0.35	129.63	10.37	1.55	0.04	1,313.05	490.00	392.17	58.55	1.59
			4	20	29.0	0.7	29.0	290.0	3	870	0.79	71.08	1.76	0.81	0.19	685.31	61.84	15.28	7.05	1.64
			5	8	14.0	0.6	14.0	56.0	3	168	0.12	70.86	4.12	0.50	0.15	20.06	11.90	6.93	0.84	0.25
			6	6	9.5	0.6	9.5	28.5	3	86	0.17	63.33	7.97	0.41	0.02	14.15	5.42	6.81	0.35	0.01
			7	13	30.0	0.4	30.0	195.0	3	585	0.12	194.24	14.31	0.21	0.07	71.56	113.63	83.70	1.23	0.40
			total	252	282.5	0.9	28.6	3,604.5	3	10,814	0.55	149.42	10.17	0.87	0.13	5,912.83	1,615.81	1,100.25	94.25	13.64
	No. 8	630m	1	9	13.0	0.7	26.0	117.0	3	351	0.07	313.07	1.03	1.38	0.02	25.40	109.89	3.63	4.85	0.06
			2	10	10.5	1.0	21.0	105.0	3	315	0.04	216.78	1.13	1.11	0.02	12.83	68.28	3.55	3.49	0.08
			3	13	27.0	0.5	54.0	351.0	3	1,053	0.13	292.97	0.26	2.00	0.03	141.71	308.49	2.71	21.08	0.27
			4	103	65.0	1.6	60.0	3,090.0	3	9,270	0.07	703.59	1.66	4.41	0.03	633.22	6,522.27	153.71	408.44	2.36
			total	135	115.5	1.2	54.3	3,663.0	3	10,989	0.07	637.81	1.49	3.98	0.03	813.16	7,008.93	163.60	437.86	2.77
		grand total		2,171	2,041.0	1.1	35.6	38,565.3	3	115,997	1.60	214.38	6.75	3.19	0.25	186,099.71	24,867.44	7,833.97	3,695.42	290.85

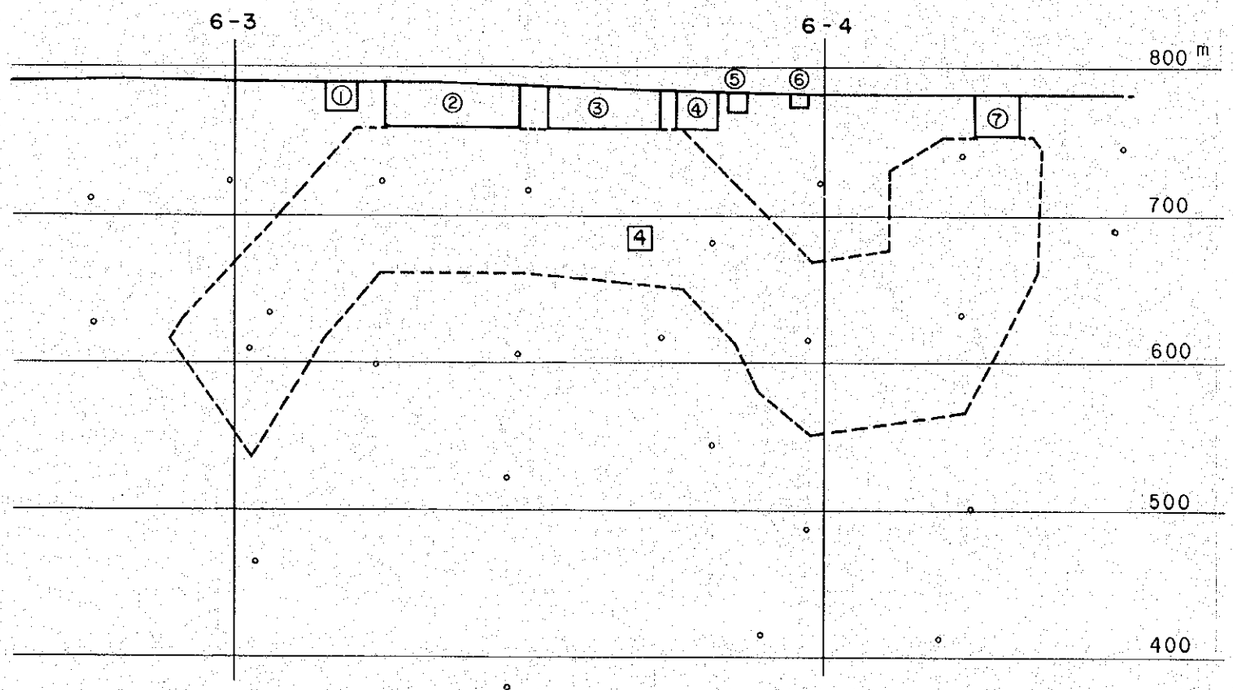
Possible ore reserve (modifeid blocks)

Vein		Block	Area m2	Width m	Volume m3	Safty factor %	S.G.	Reserve t	Grade Ag g/t	Grade Pb %	Grade Zn %	Quantity of metal Ag kg	Quantity of metal Pb t	Quantity of metal Zn t
No.4	630m upper	1	16,180	0.87	14,076.6	65	3	27,449	196	5.83	6.80	5,380.08	1,600.30	1,866.56
		2	7,750	0.84	6,510.0	65	3	12,695	89	4.37	1.78	1,129.81	554.75	225.96
		3	6,630	1.12	7,425.6	65	3	14,480	448	14.17	4.46	6,487.00	2,051.80	645.80
		4	4,650	0.63	2,929.5	65	3	5,713	232	14.38	9.94	1,325.31	821.46	567.82
		5	4,910	0.94	4,615.4	65	3	9,000	205	13.40	7.49	1,845.01	1,206.00	674.10
		6	4,480	0.31	1,388.8	65	3	2,708	55	6.86	0.77	148.95	185.78	20.85
		7	13,690	0.42	5,749.8	65	3	11,212	66	5.42	4.97	740.00	607.70	557.24
		subtotal	58,290	0.73	42,695.7	65	3	83,257	205	8.44	5.48	17,056.16	7,027.79	4,558.33
	630m lower	8	12,950	0.72	9,324.0	45	3	12,587	311	7.55	8.07	3,914.68	950.35	1,015.80
		9	8,030	1.24	9,957.2	45	3	13,442	374	5.34	8.39	5,027.39	717.81	1,127.80
		10	—	—	—	—	—	—	—	—	—	—	—	—
		11	30,440	1.80	54,792.0	45	3	73,969	91	4.95	3.67	6,731.20	3,661.48	2,714.67
		12	5,250	0.42	2,205.0	45	3	2,977	66	5.42	4.97	196.47	161.34	147.94
		subtotal	56,670	1.35	76,278.2	45	3	102,975	154	5.33	4.86	15,869.74	5,490.98	5,006.21
	north	13	14,730	0.18	2,651.4	45	3	3,579	434	7.45	3.09	1,553.46	266.65	110.60
		14	61,030	0.61	37,228.3	45	3	50,258	51	4.31	1.87	2,563.17	2,166.13	939.83
		15	8,600	0.34	2,924.0	45	3	3,947	51	6.21	1.34	201.32	245.13	52.90
		subtotal	84,360	0.51	42,803.7	45	3	57,784	75	4.63	1.91	4,317.95	2,677.92	1,103.33
	total		199,320	0.81	161,777.6	50	3	244,016	153	6.23	4.37	37,243.85	15,196.69	10,667.87
	No.4A	1	222,460	0.41	91,208.6	45	3	123,132	327	9.57	4.09	40,264.04	11,783.70	5,036.08
		2	23,050	0.29	6,684.5	45	3	9,024	103	7.24	3.24	929.48	653.34	292.38
		3	19,940	0.46	9,172.4	45	3	12,383	126	6.72	3.26	1,560.23	832.12	403.68
		4	400	0.34	136.0	45	3	184	52	3.16	0.82	9.55	5.80	1.51
	total		265,850	0.40	107,201.5	45	3	144,723	295	9.17	3.96	42,763.30	13,274.96	5,733.65
	No.4 vein total		465,170	0.58	268,979.1	48	3	388,739	206	7.32	4.22	80,007.15	28,471.65	16,401.52
	No.6	1	44,800	0.83	37,184.0	45	3	50,198	510	6.70	3.47	25,601.18	3,363.29	1,741.88
		2	63,860	0.56	35,761.6	45	3	48,278	67	4.26	2.96	3,234.64	2,056.65	1,429.03
		3	1,600	1.73	2,768.0	45	3	3,737	69	2.37	1.54	257.84	88.56	57.55
		4	68,640	1.28	87,859.2	45	3	118,610	140	9.68	4.68	16,605.39	11,481.44	5,550.94
	total		178,900	0.91	163,572.8	45	3	220,823	207	7.69	3.98	45,699.05	16,989.94	8,779.40
	No.8	1	51,840	0.40	20,736.0	45	3	27,994	353	9.81	2.31	9,881.74	2,746.17	646.65
		2	15,120	1.00	15,120.0	45	3	20,412	884	7.18	4.99	18,044.21	1,465.58	1,018.56
		3	14,130	1.52	21,477.6	65	3	41,881	739	1.68	4.60	30,950.30	703.61	1,926.54
		4	1,600	0.53	848.0	45	3	1,145	367	17.50	7.72	420.14	200.34	88.38
		5	1,600	1.23	1,968.0	45	3	2,657	58	0.82	3.66	154.09	21.79	97.24
		6	3,190	0.45	1,435.5	65	3	2,799	2,653	13.10	4.73	7,426.34	366.70	132.40
		7	48,320	1.42	68,614.4	45	3	92,629	263	4.57	2.99	24,361.54	4,233.17	2,769.62
		8	2,190	1.25	2,737.5	65	3	5,338	1,085	7.38	6.94	5,791.87	393.95	370.47
		9	13,610	0.72	9,799.2	45	3	13,229	337	0.95	3.91	4,458.15	125.67	517.25
	total		151,600	0.94	142,736.2	49	3	208,084	488	4.93	3.64	101,488.38	10,256.98	7,567.11
	No.8A	1	3,530	0.15	529.5	45	3	715	63	3.20	1.69	45.03	22.87	12.08
		2	6,170	0.14	863.8	45	3	1,166	75	4.50	6.13	87.46	52.48	71.48
		3	1,600	0.63	1,008.0	45	3	1,361	172	16.00	6.80	234.06	217.73	92.53
		4	1,600	0.59	944.0	45	3	1,274	58	4.26	2.63	73.92	54.29	33.52
		5	1,690	0.32	540.8	45	3	730	254	7.51	1.20	185.44	54.83	8.76
		6	2,880	0.34	979.2	65	3	1,909	760	1.09	3.88	1,451.17	20.81	74.09
		7	1,600	0.39	624.0	45	3	842	418	1.36	2.22	352.12	11.46	18.70
		8	6,390	0.66	4,217.4	45	3	5,693	538	8.86	1.50	3,063.10	504.44	85.40
		9	1,600	0.25	400.0	45	3	540	309	3.59	4.11	166.86	19.39	22.19
	total		27,060	0.37	10,106.7	47	3	14,230	398	6.73	2.94	5,659.16	958.30	418.75
	No.8FW	1	26,440	0.35	9,254.0	45	3	12,493	1,708	18.51	6.64	21,337.87	2,312.44	829.53
		total	26,440	0.35	9,254.0	45	3	12,493	1,708	18.51	6.64	21,337.87	2,312.44	829.53
	No.8 vein total		205,100	0.79	162,096.9	48	3	234,807	547	5.76	3.75	128,485.41	13,527.72	8,815.39

No. 4 Vein



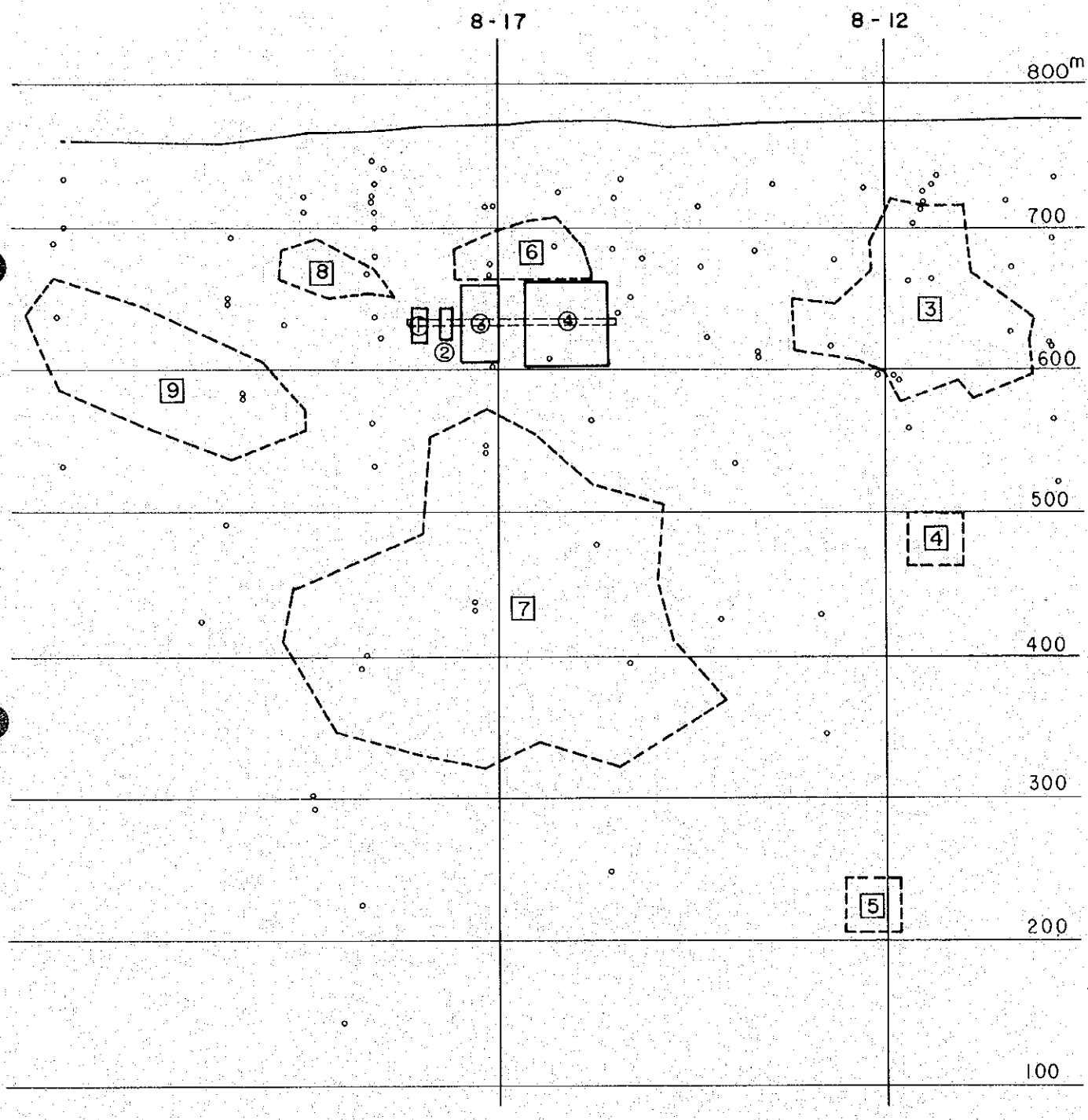
No. 6 Vein (North)



LEGEND

- Probable reserve and block No.
- Possible resrve and block No.
- Tunnel
- Previous drilling hole

No. 8 Vein (North)



LEGEND

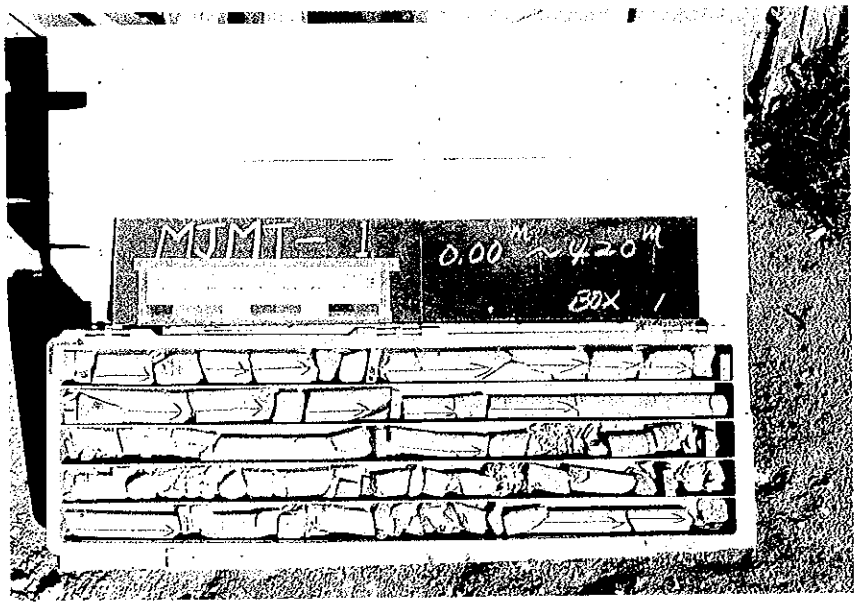
⑮ Probable reserve and block No.

Ⅲ Possible resrve and block No.

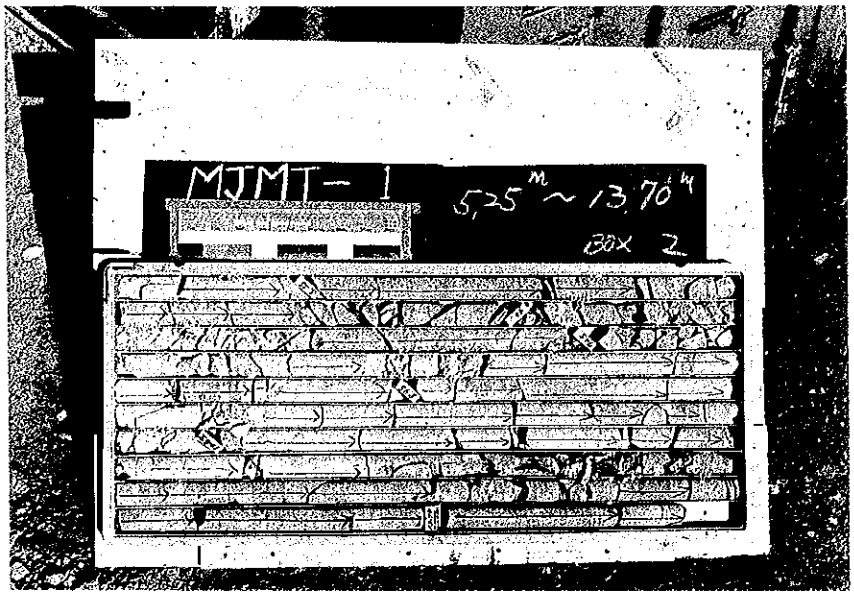
Tunnel

Previous drilling hole

全コアの写真

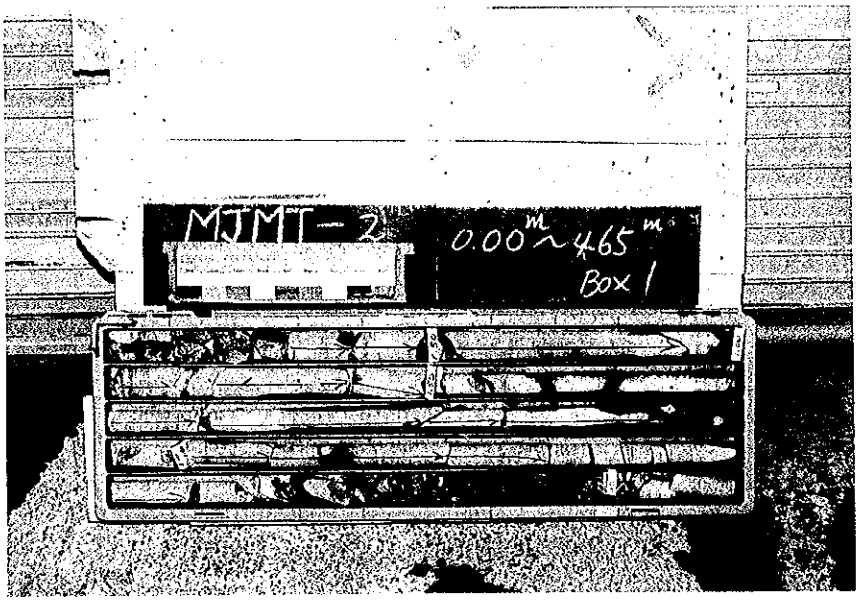


MJMT－1
0．00m
～4．20m～

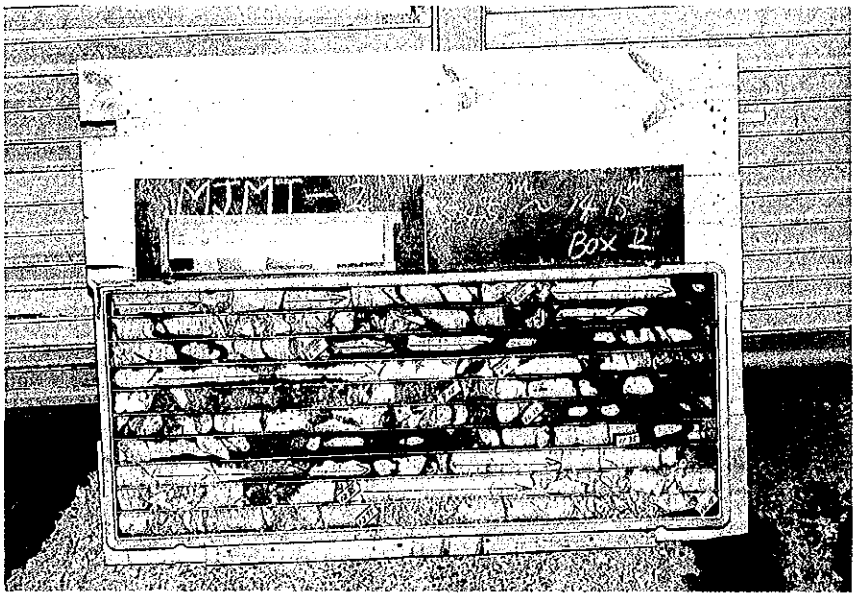


～5．20m
～13．70m～

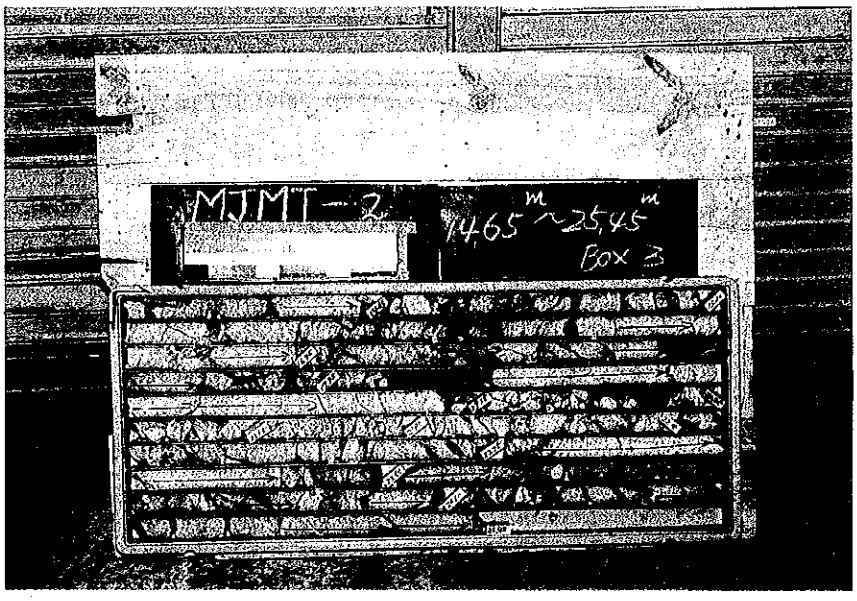
～15．20m
～20．15m



MJMT－2
0.00m
～4.65m～

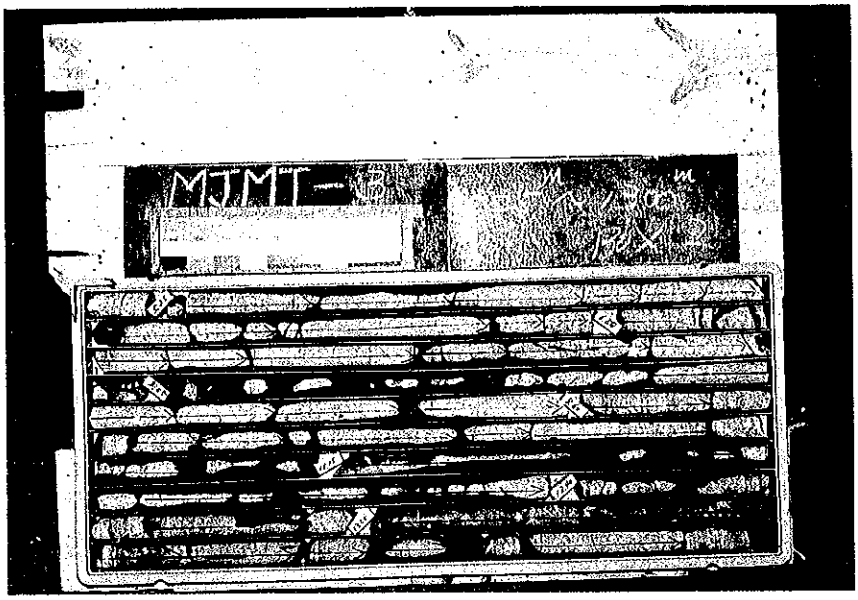


～5.45m
～14.15m

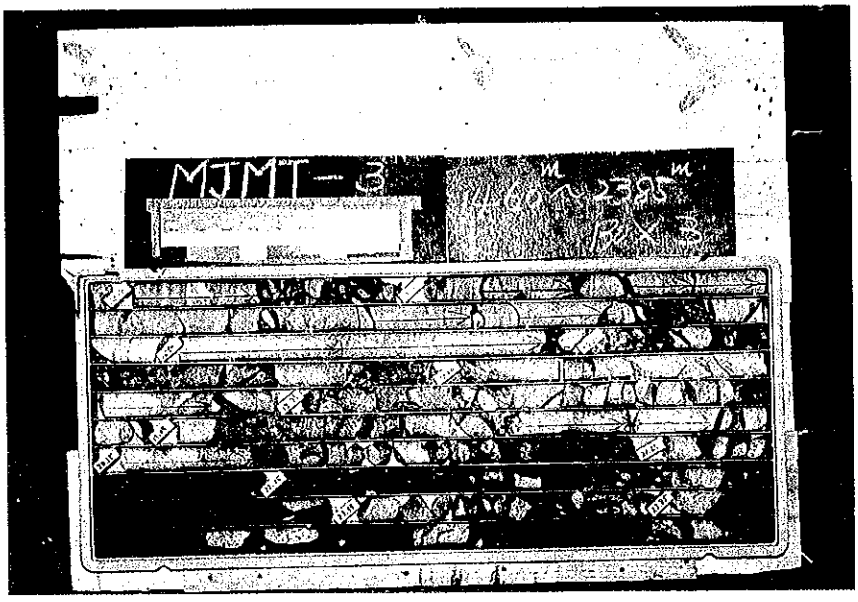


～14.65m
～25.45r

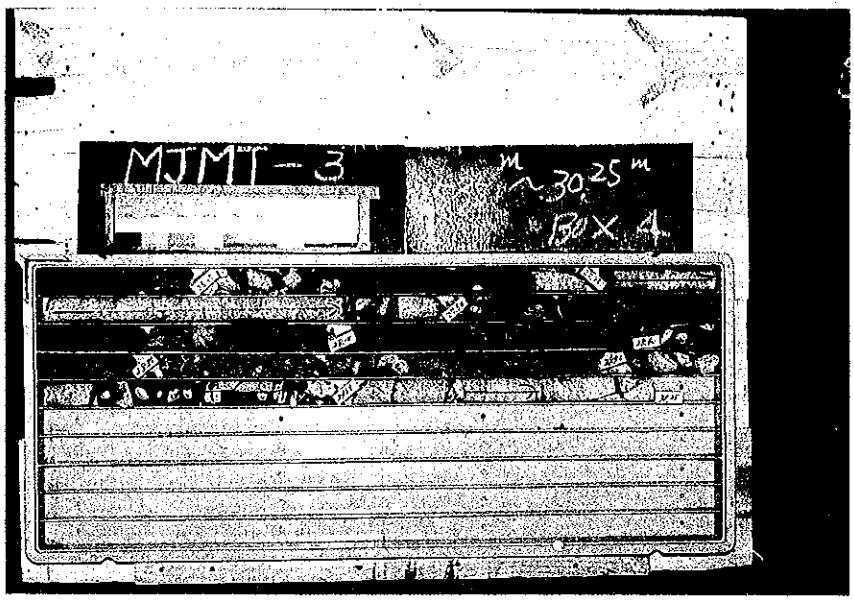
MJMT－3
0．00m
～4．65m～



～5．25m
～13．00m～

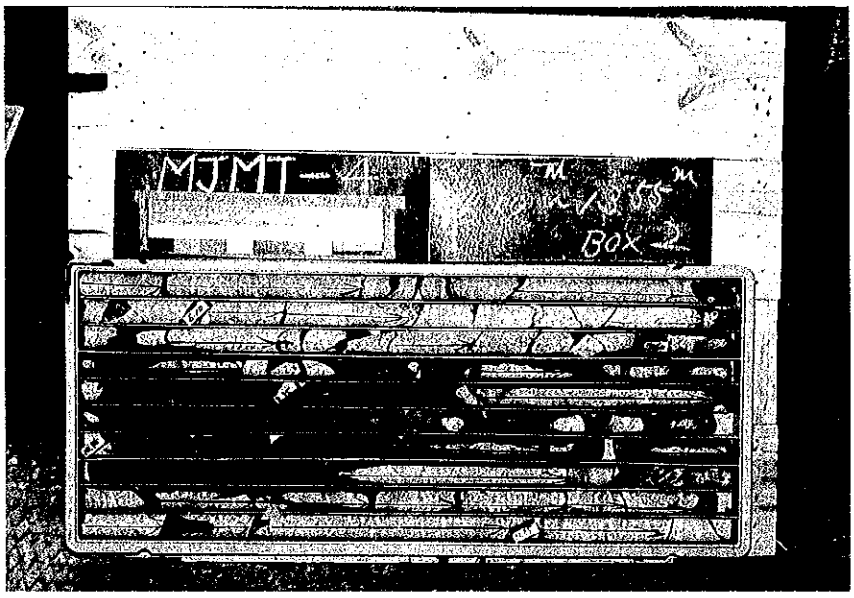


～14．60m
～23．85m～

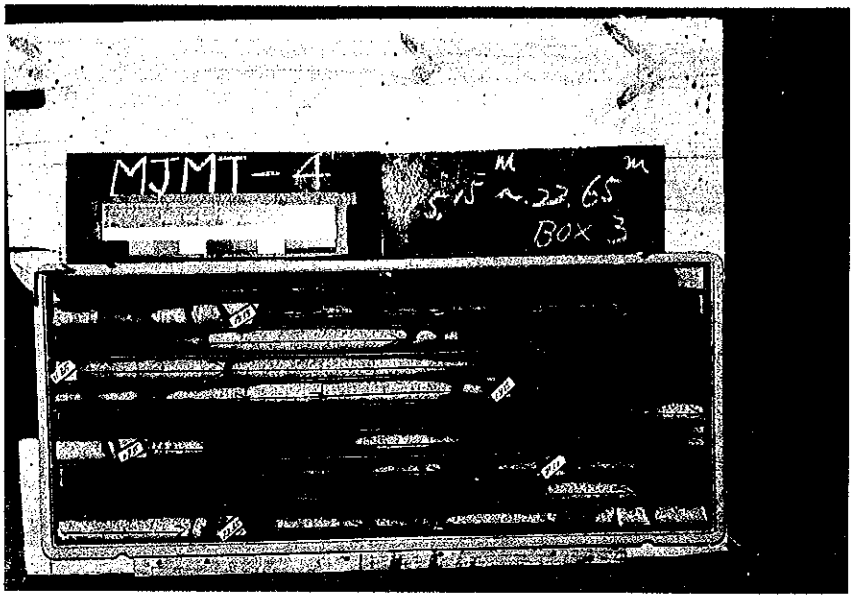


～２５．３５ｍ
～３０．２５ｍ

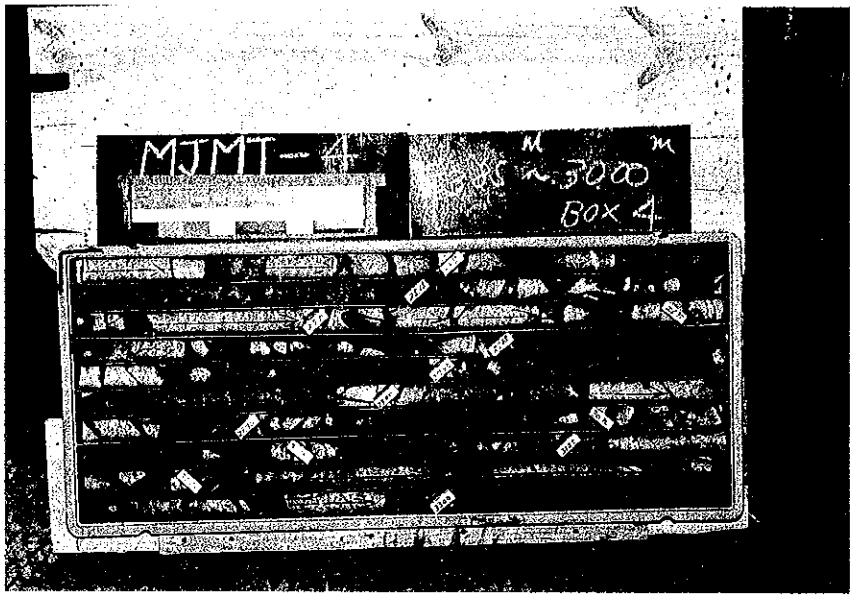
ＭＪＭＴ－４
０．００ｍ
～４．５５ｍ～



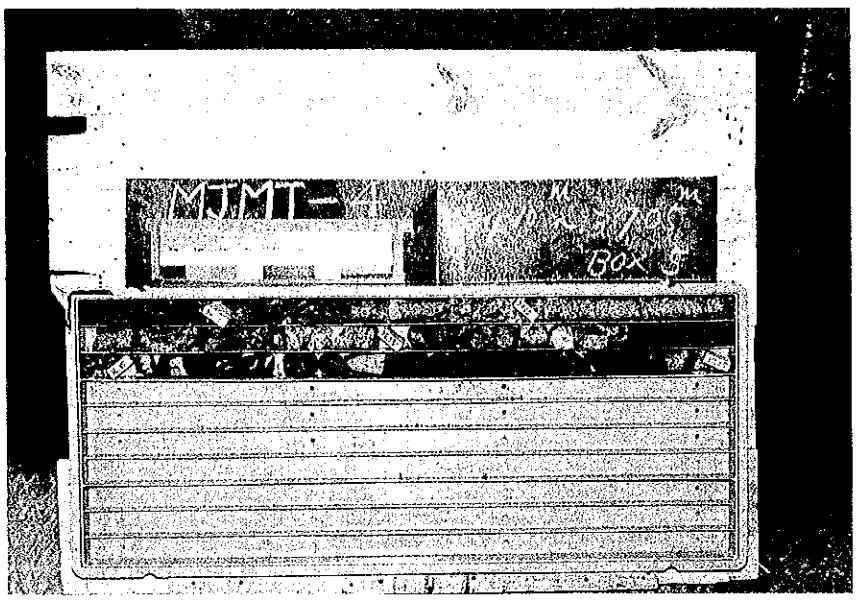
～６．１０ｍ
～１３．５５ｍ～



～15．15m
～22．65m～

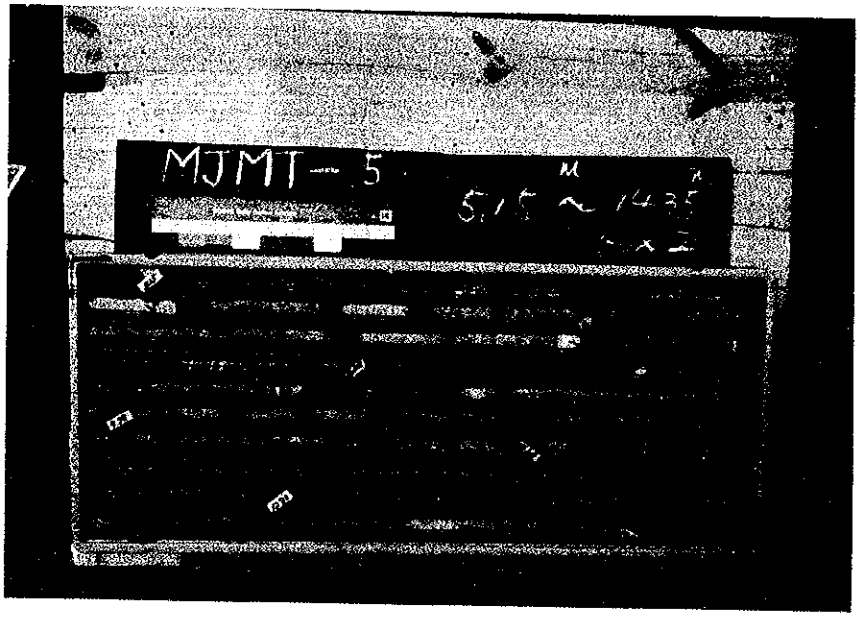


～23．85m
～30．00m～

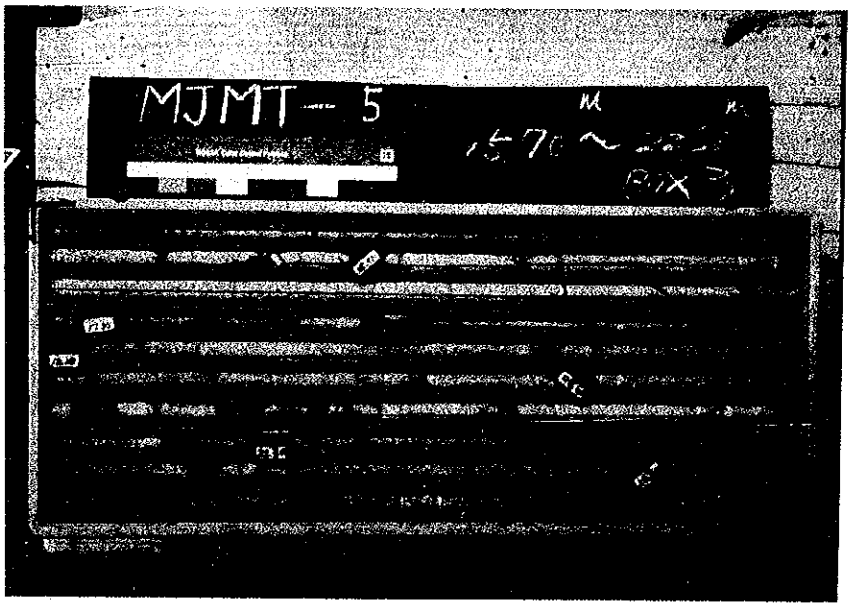


～34．10m
～37．05m

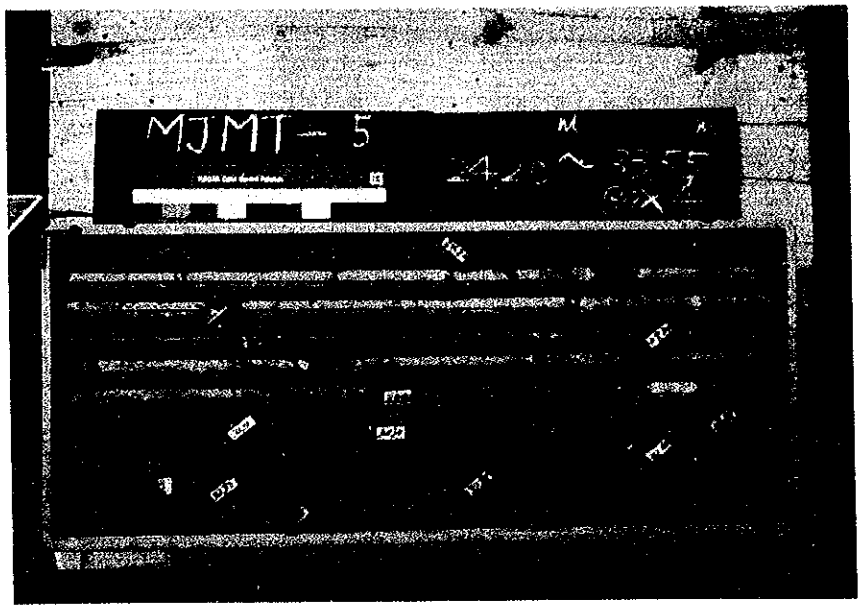
MJMT－5
0．00m
～4．25m～



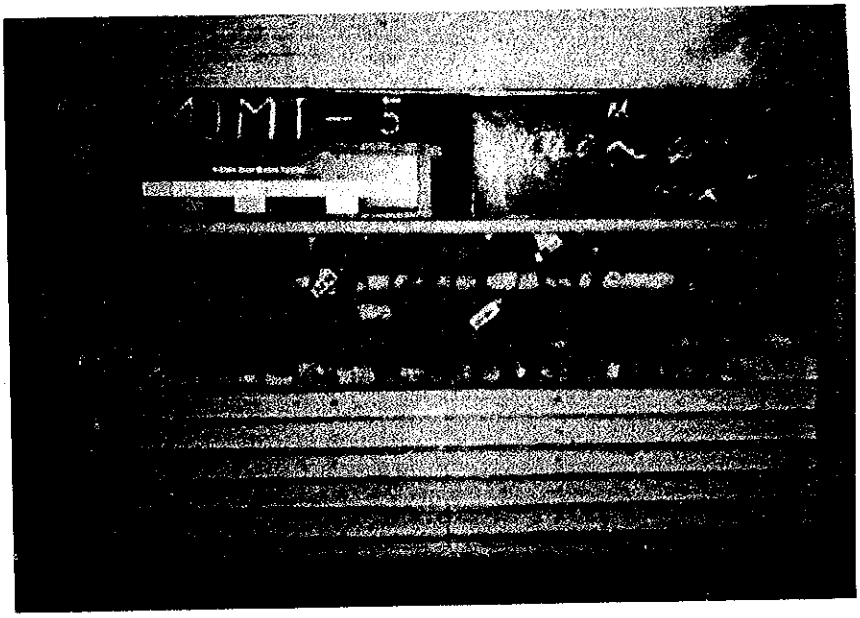
～5．15m
～14．35m～



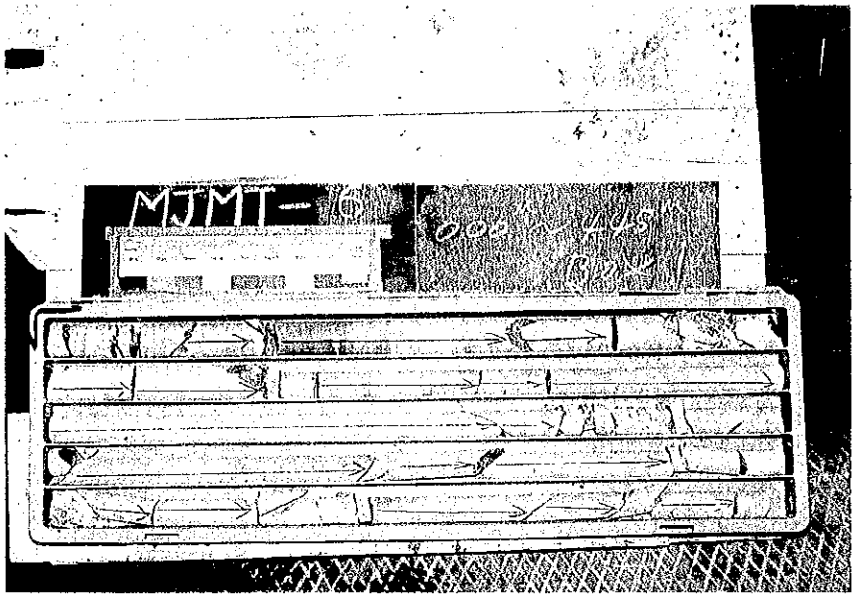
～15．70m
～22．80m～



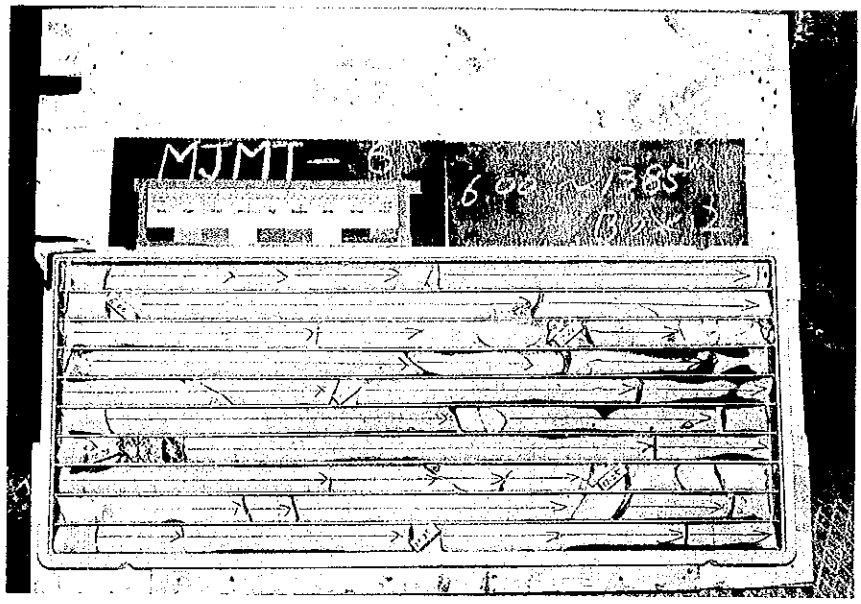
～24．20m
～33．55m～



～34．40m
～40．50m

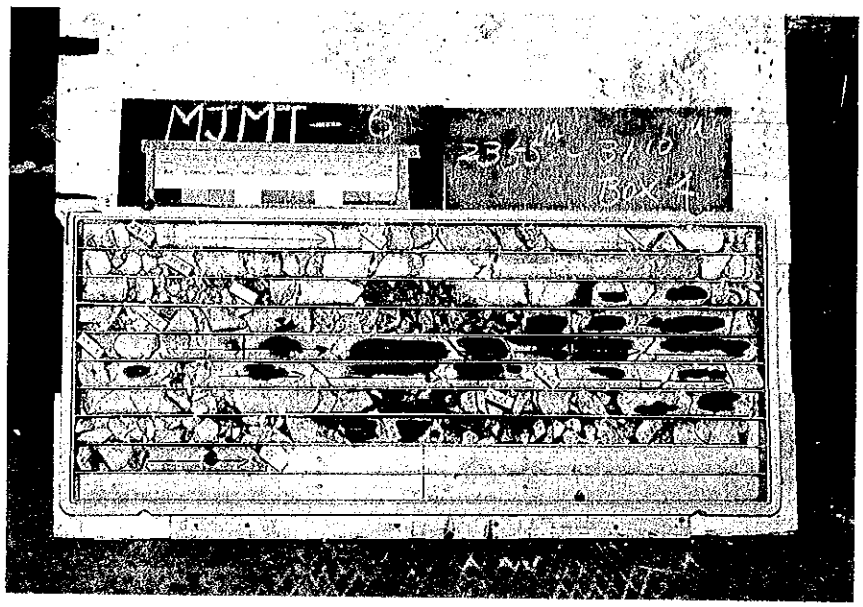


MJMT－6
0．00m
～4．45m～



～6．００ｍ
～１３．８５ｍ～

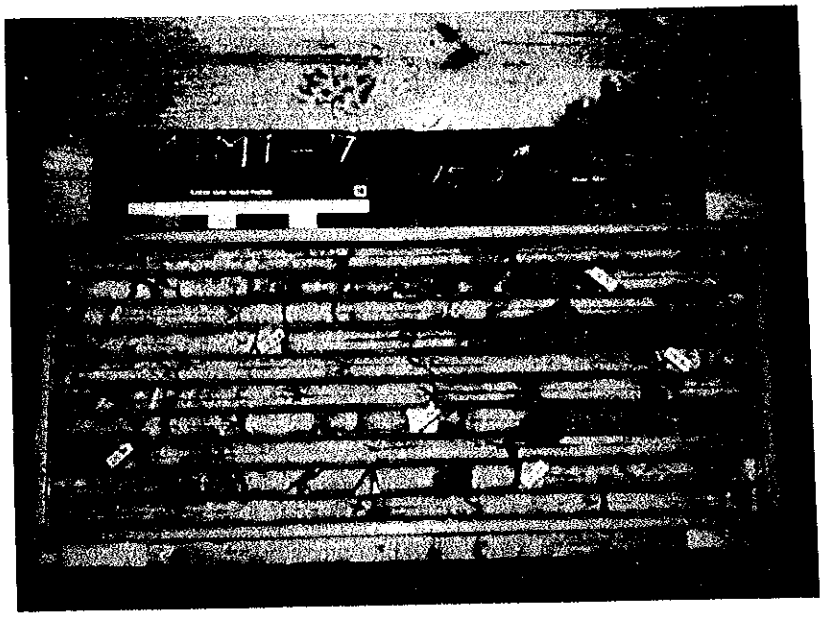
～１４．５５ｍ
～２３．４０ｍ～



～２３．５５ｍ
～３１．１０ｍ

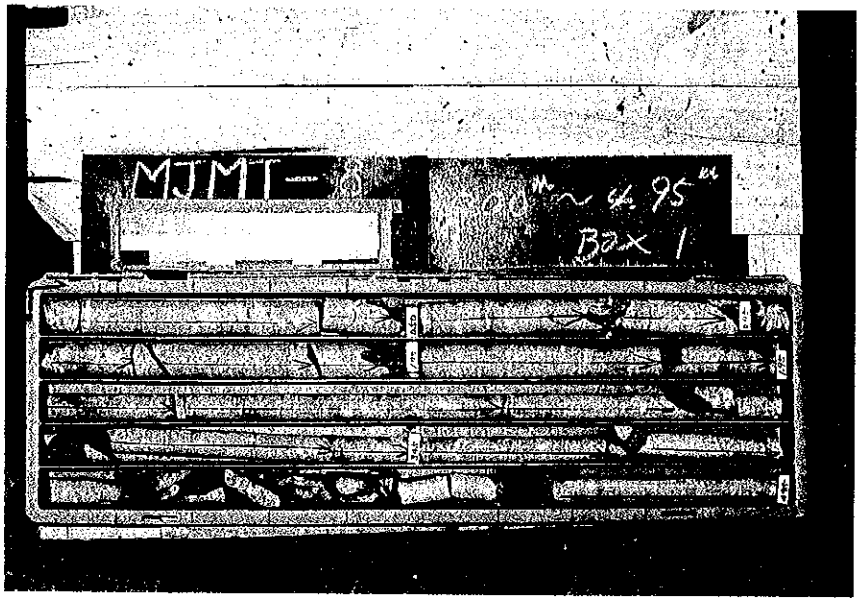
MJMT－7
0．00m
～3．75m～

～5．25m
～13．50m～

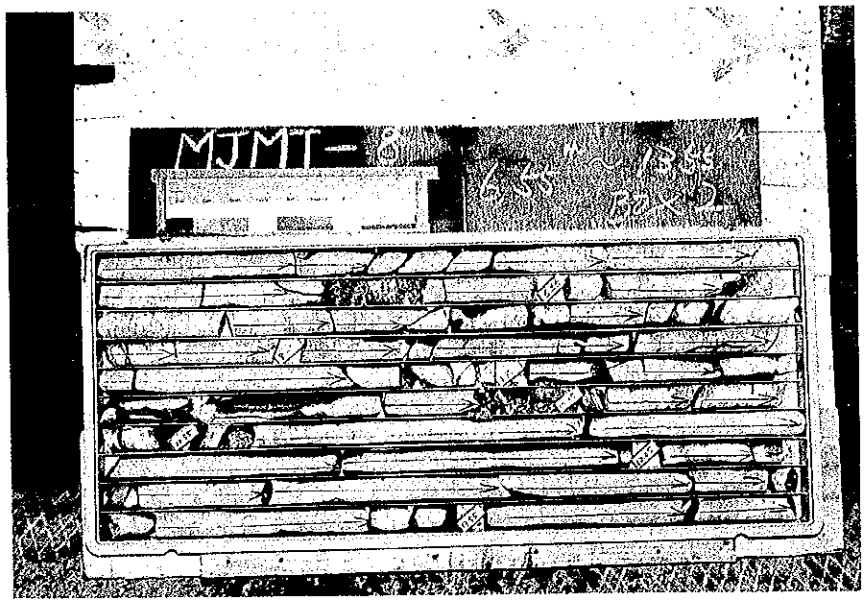


～15．00m
～23．30m～

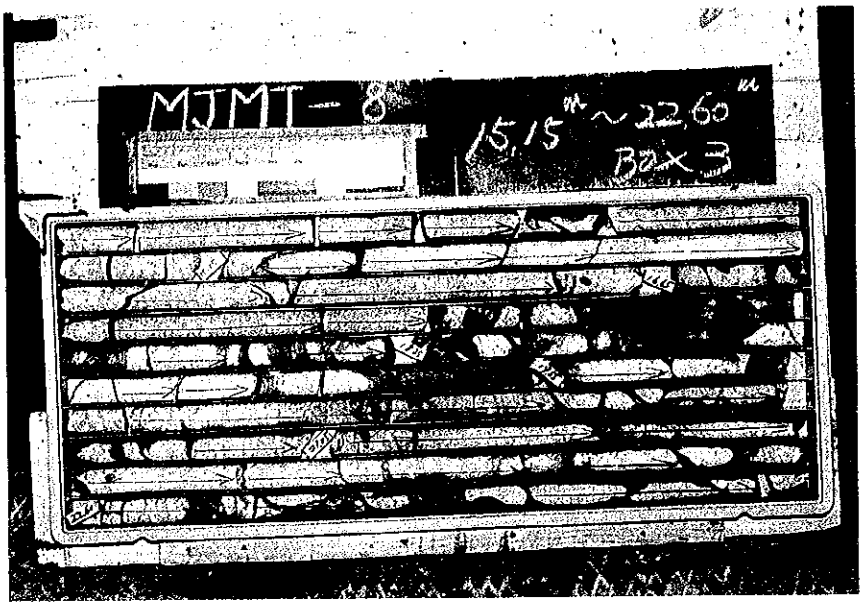
～23．80m
～30．10m



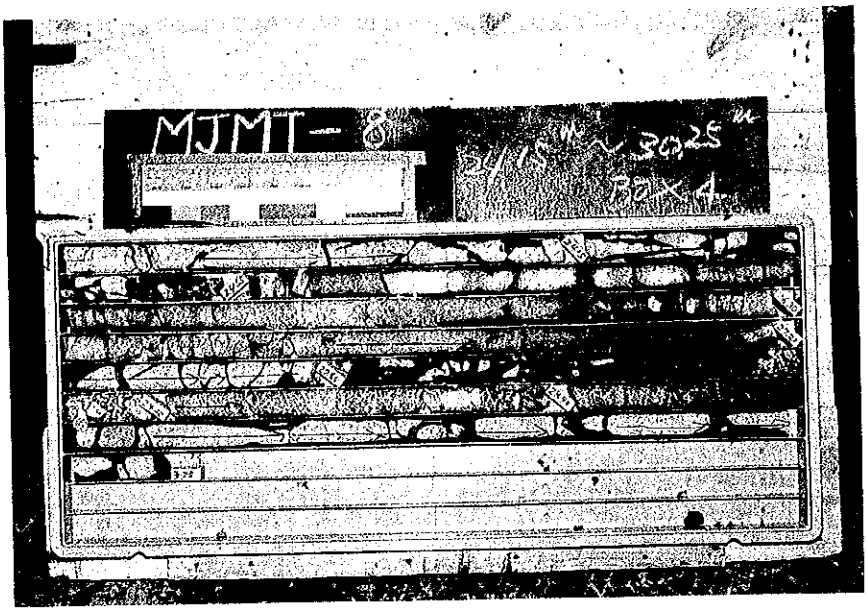
MJMT－8
0．00m
～4．95m～



～6．55m
～13．55m～

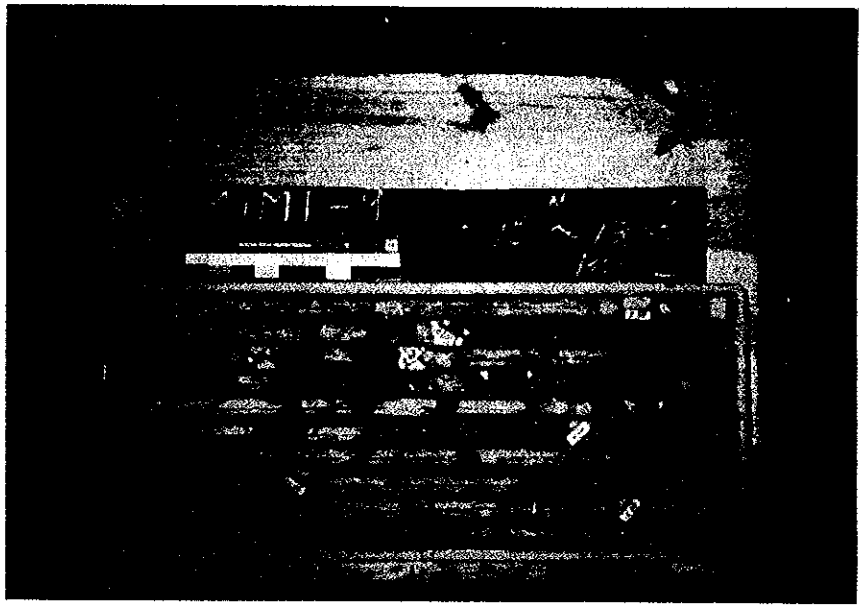


～15．15m
～22．60m～

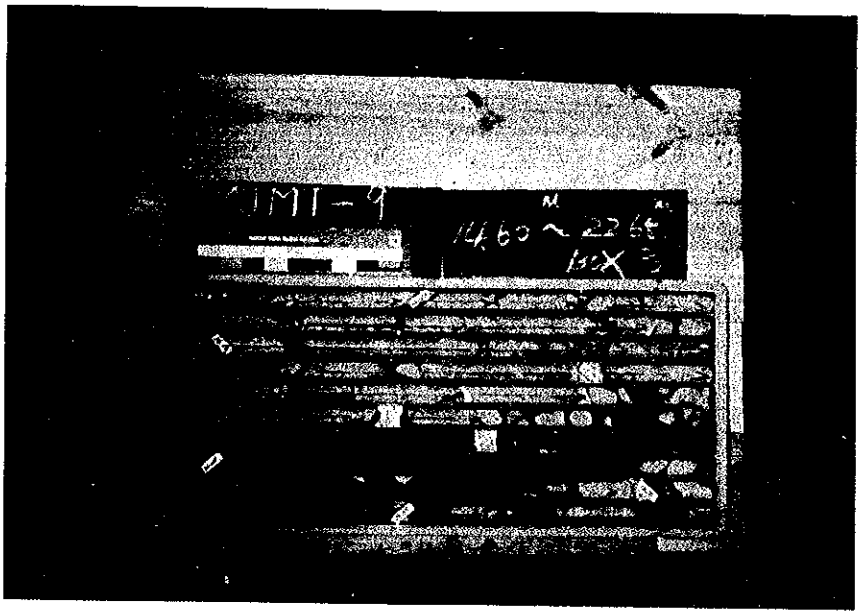


～24．15m
～30．25m

MJMT－9
0．00m
～4．45m～

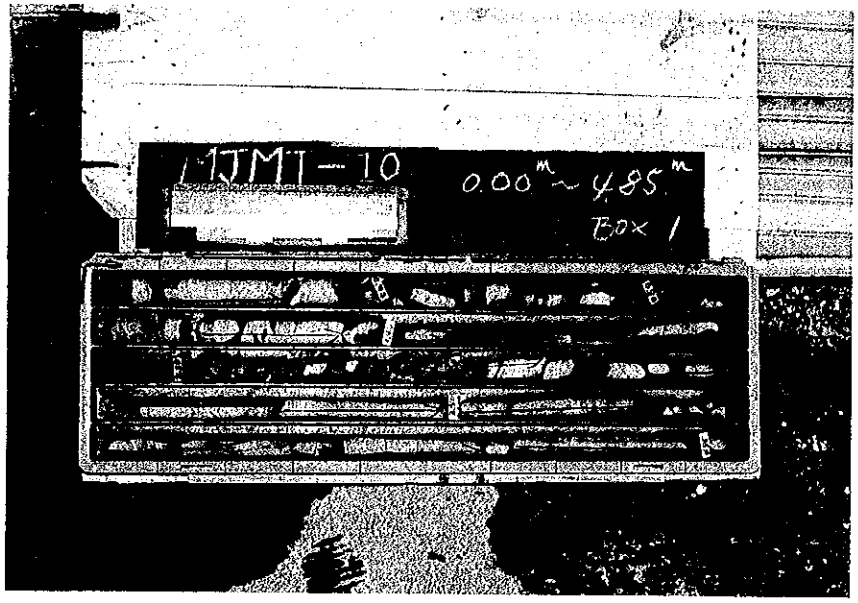


～5．95m
～13．05m～

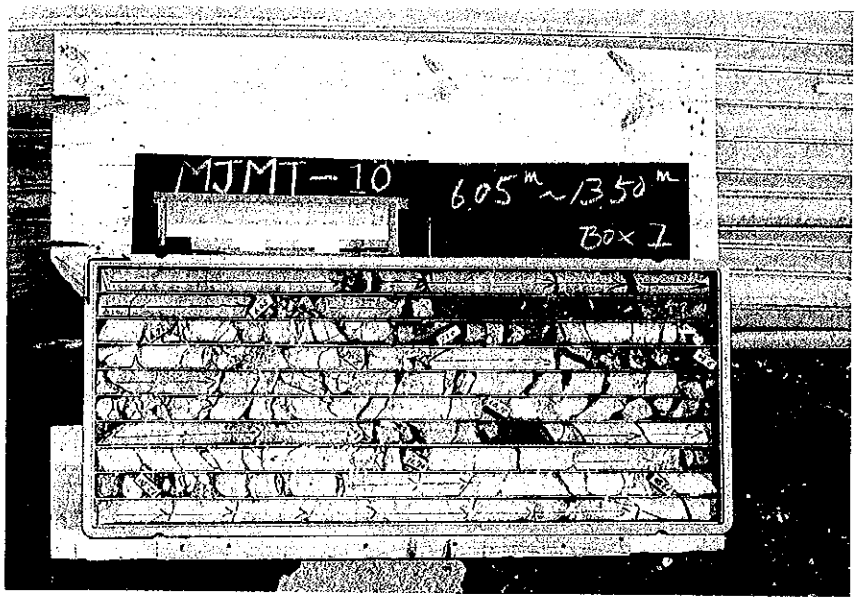


～14．65m
～22．65m～

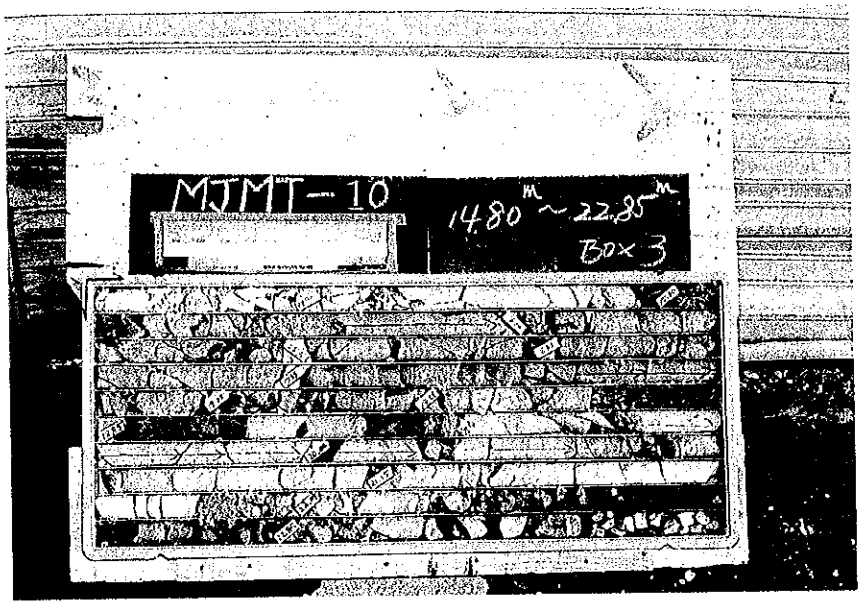
～23．45m
～31．70m



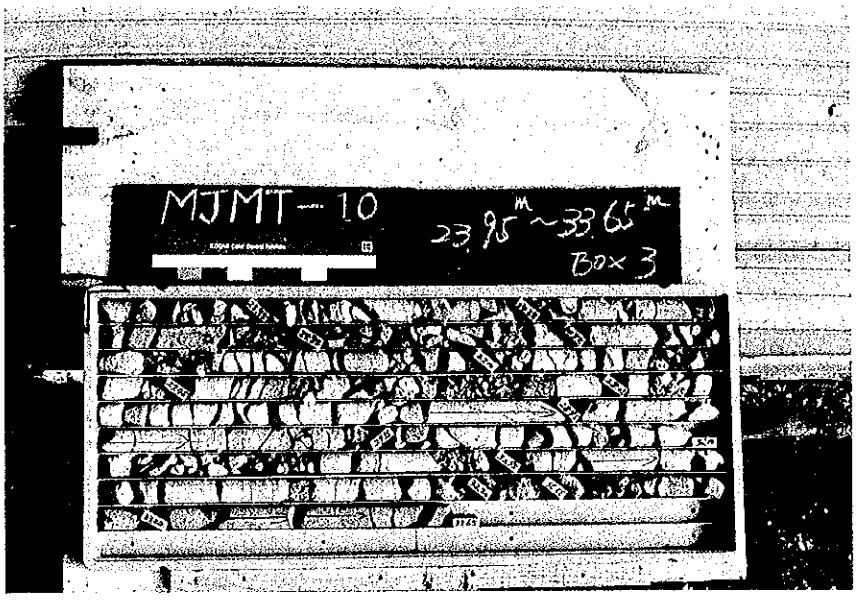
MJMT－10
0．00m
～4．85m～



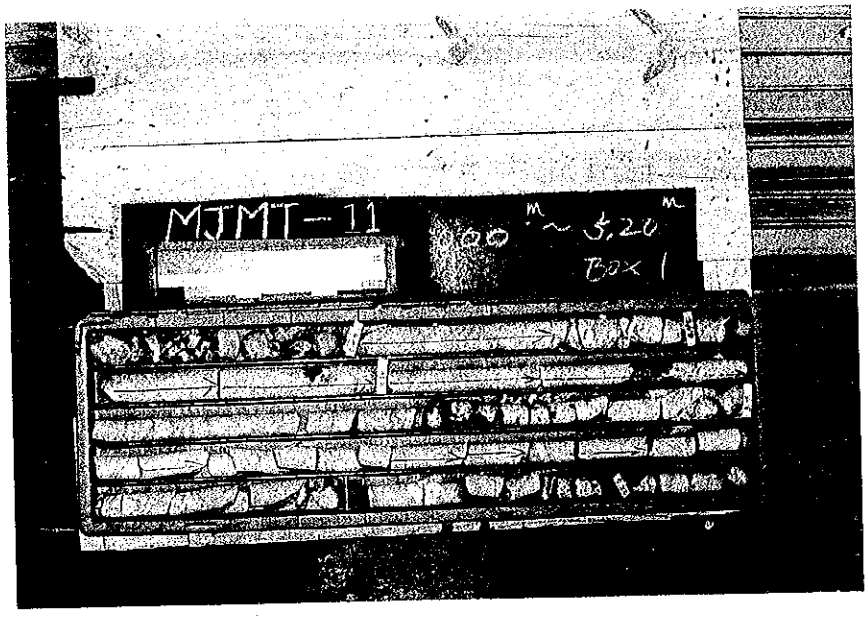
～6．05m
～13．50m～



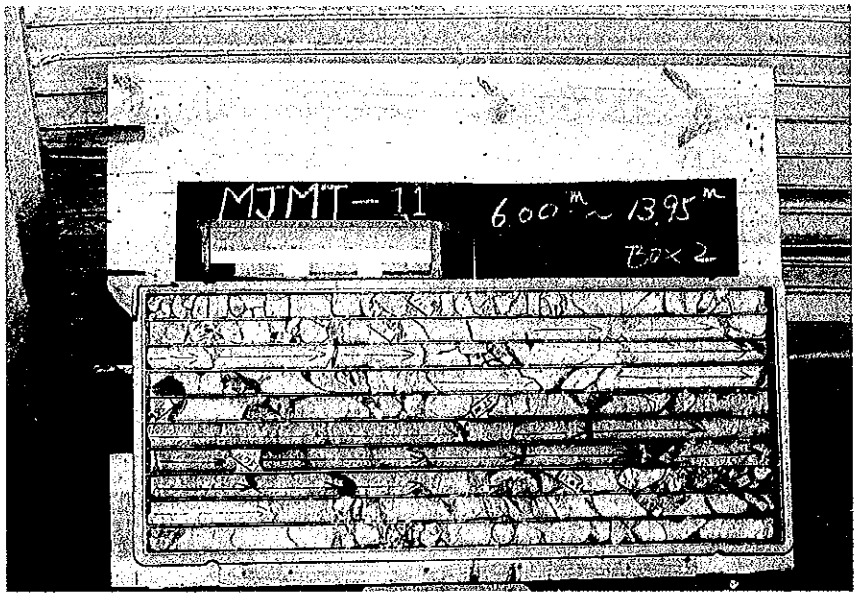
～14．80m
～22．85m



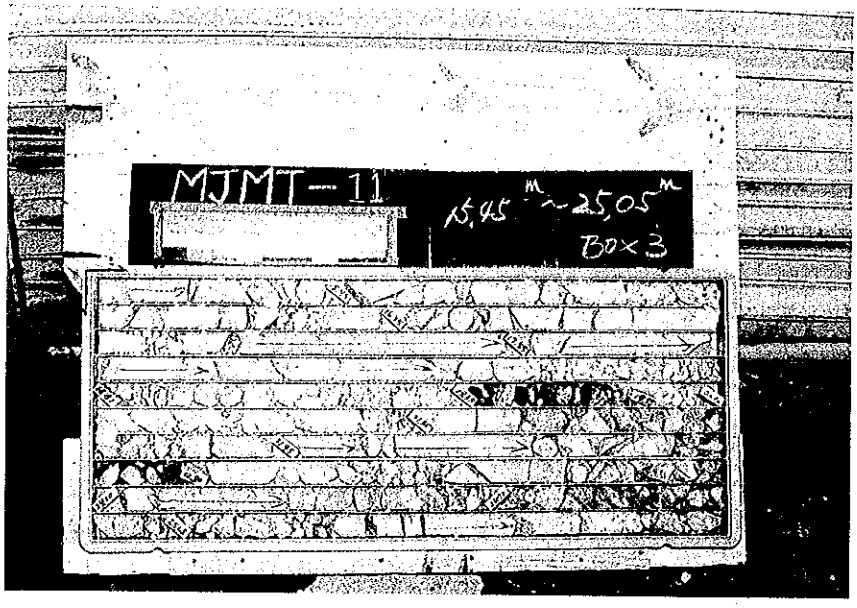
～23．95m
～33．65m



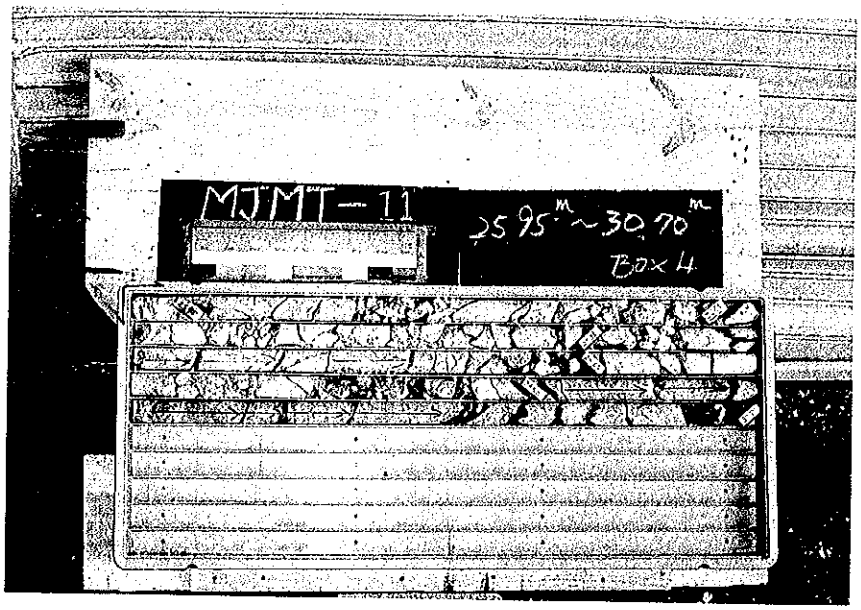
MJMT－11
0．00m
～5．20m～



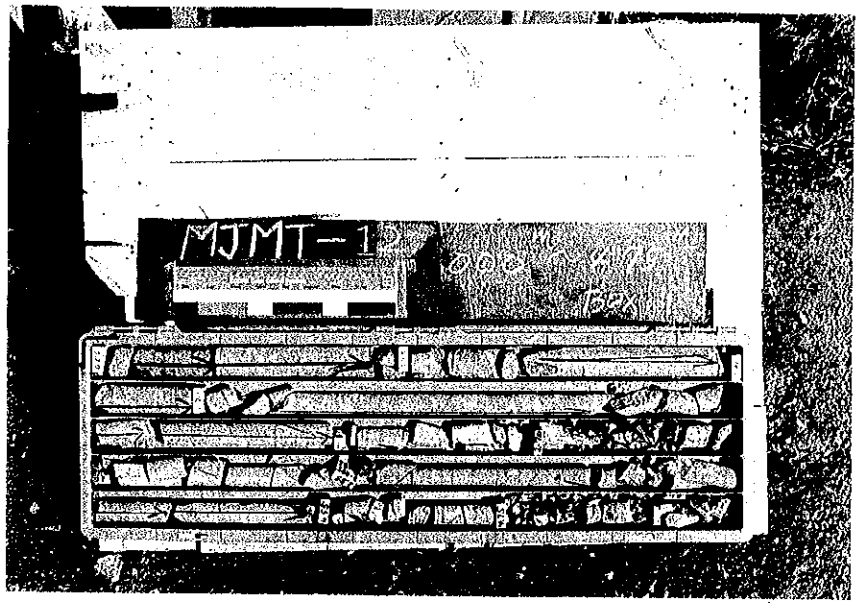
～6．00m
～13．95m～



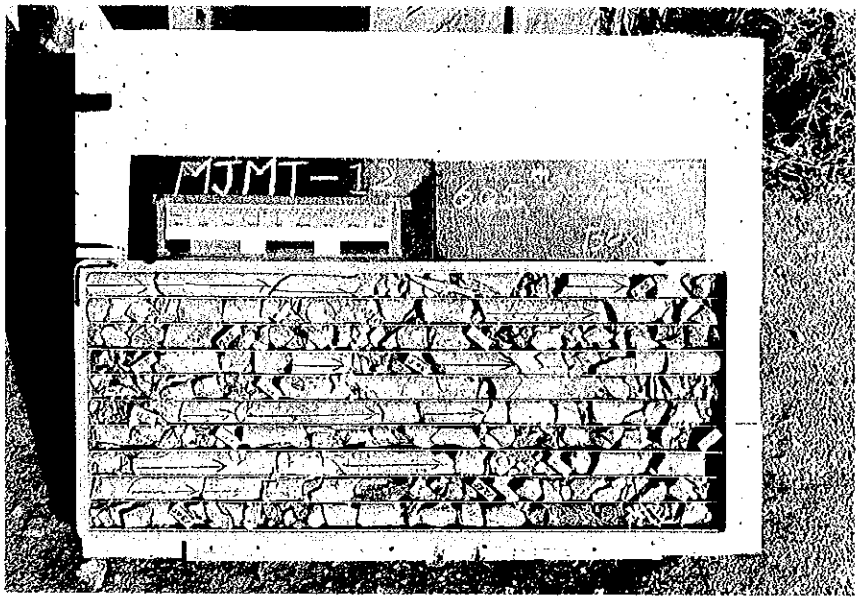
～15．45m
～25．05m～



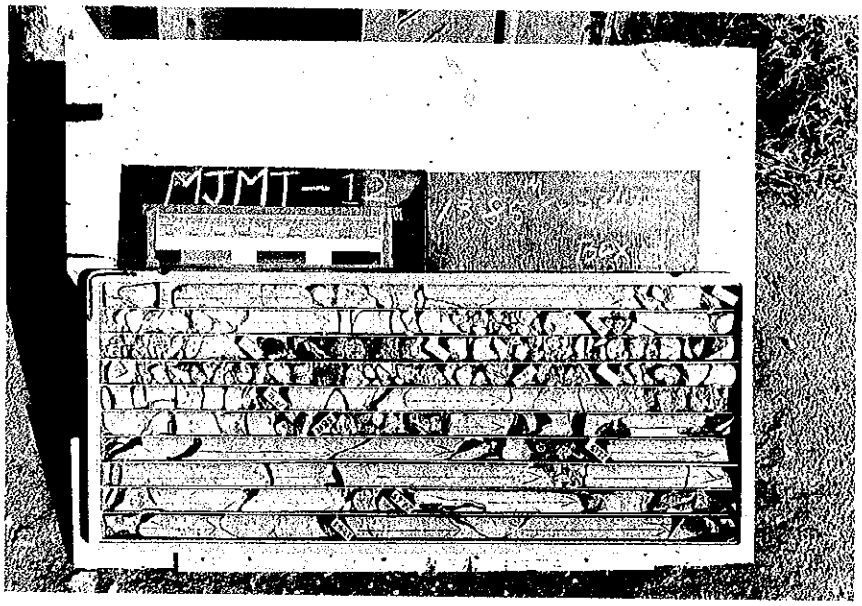
～25．95m
～30．70m



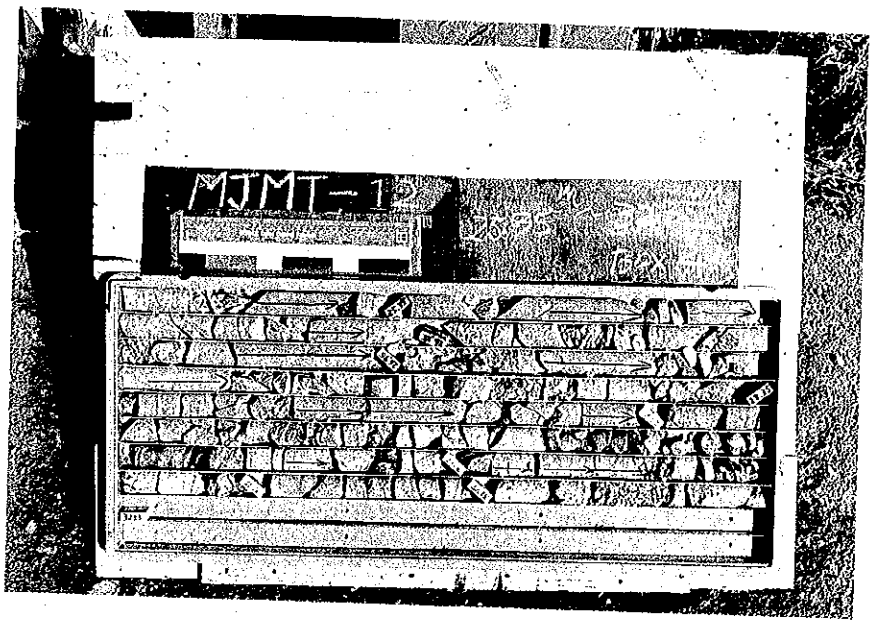
MJMT－12
0．00m
～4．75m～



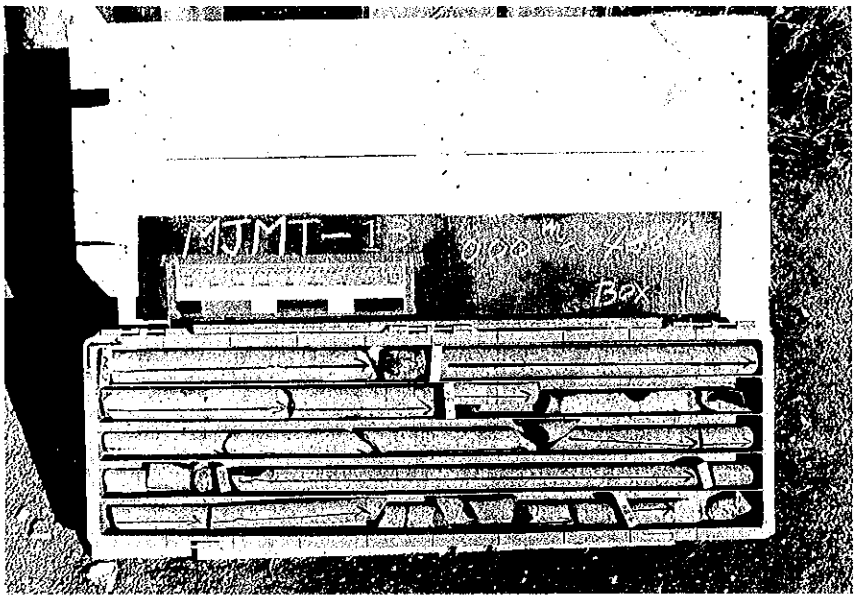
～6．05m
～13．05m～



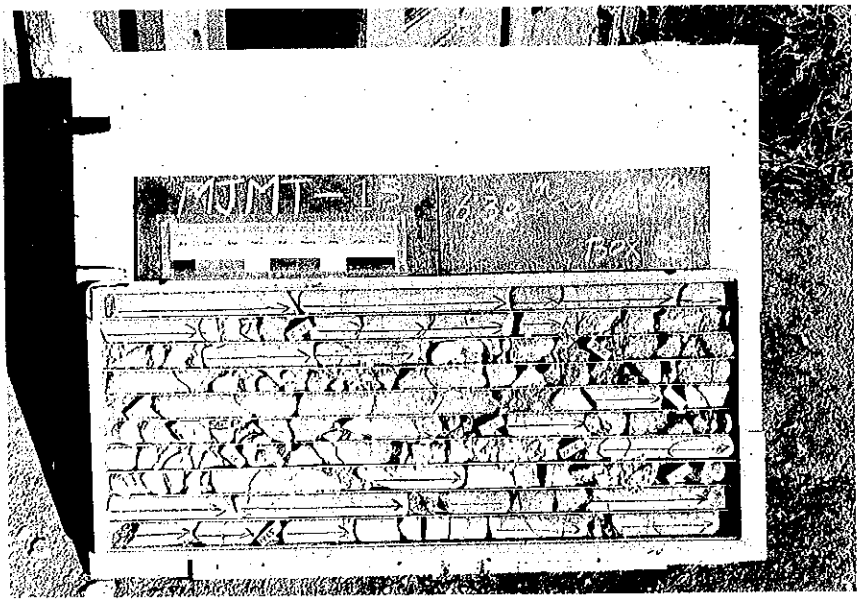
～13．85m
～24．45m



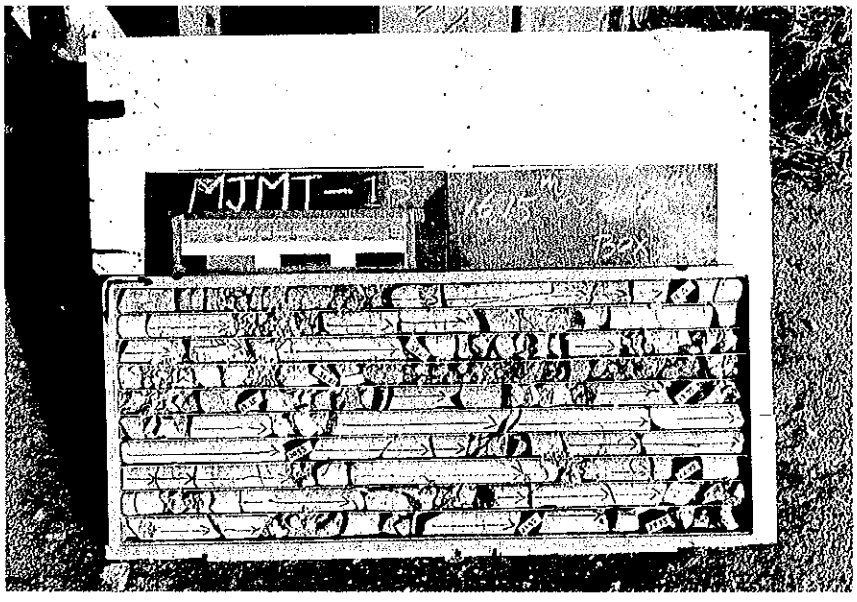
～24．45m
～32．35m



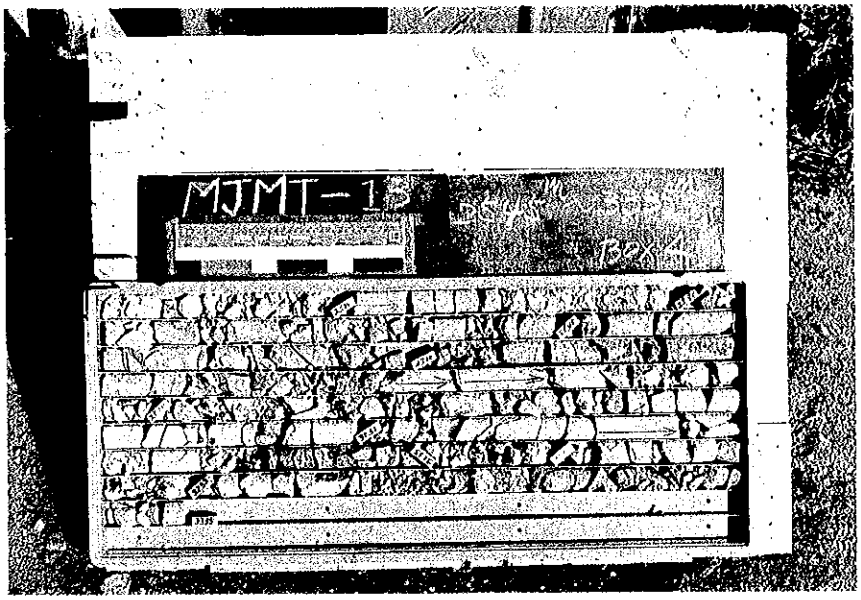
MJMT－13
0．00m
～4．80m～



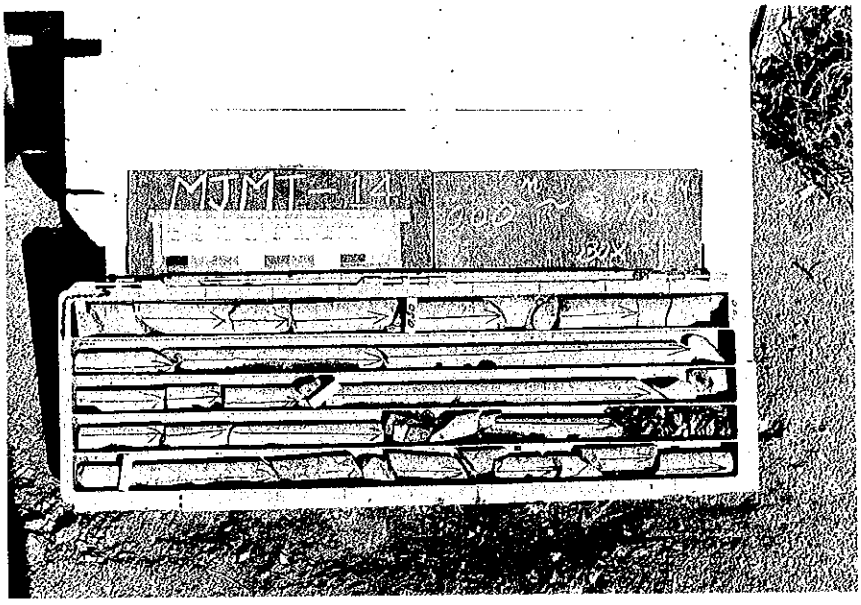
～6．30m
～14．65m～



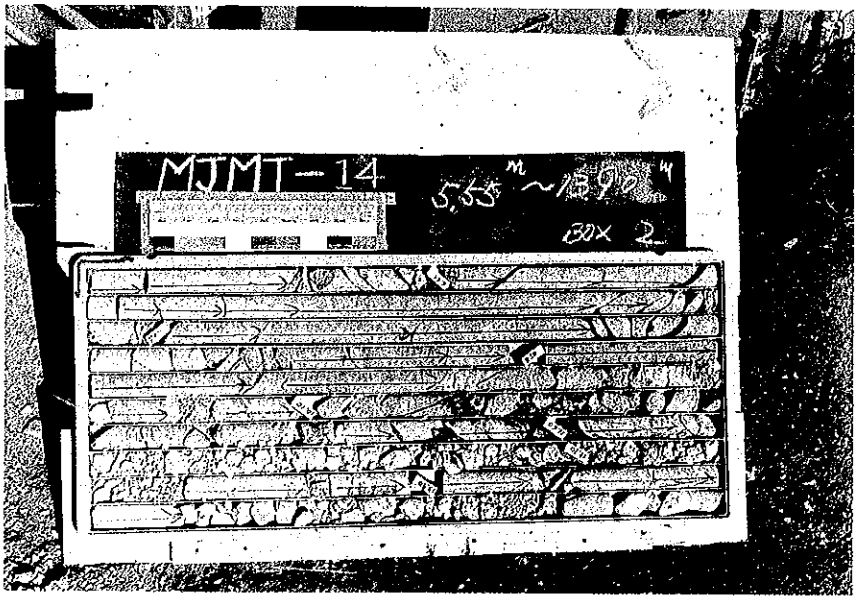
～16．15m
～24．45m～



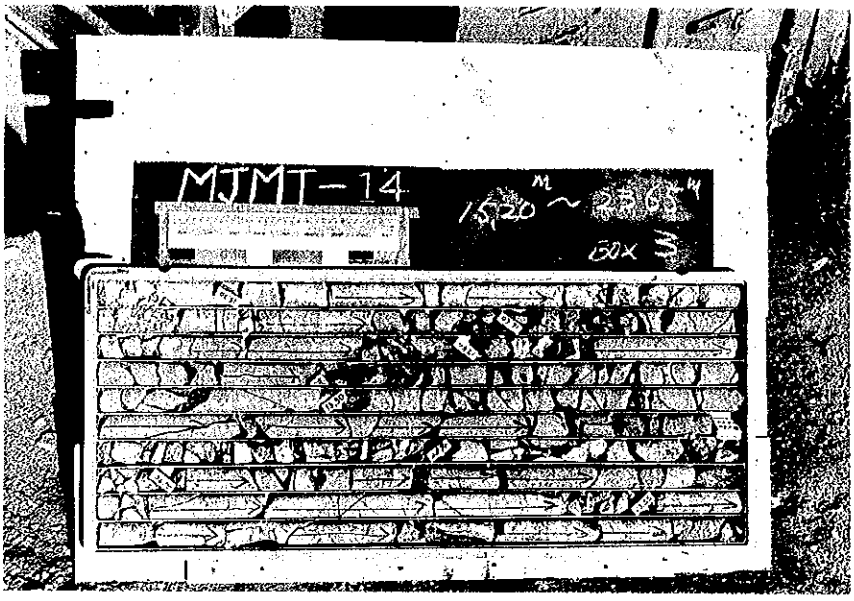
～25．45m
～33．35m



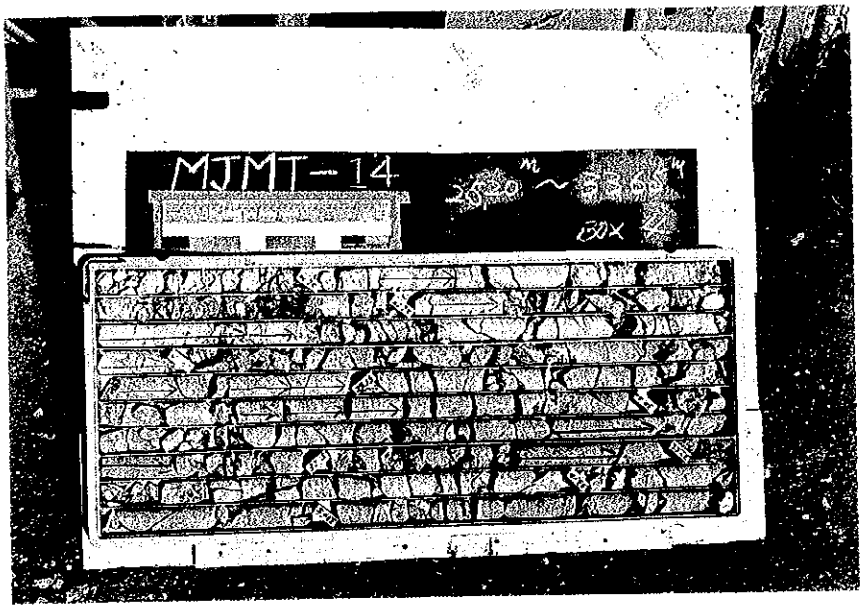
MJMT－14
0．00m
～3．95m～



～5．55m
～13．90m～



～15．20m
～23．65m～



～25．20m
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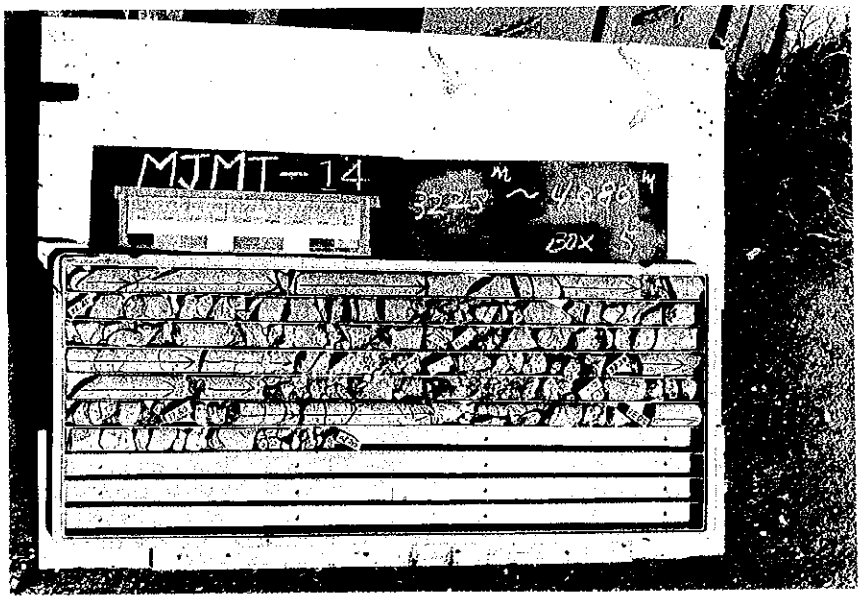

～32．25m
～40．80m