する。42.10～60.95mは褐白色塊状硫化鉱であり，研磨片（C54－3：58.50m）では，閃亜鉛鉱，黄鉄鉱，黄銅鉱及び微量のビスマス鉱物が認められる。60.95～67.05mは緑灰色スカルン化及び珪化した堆積岩で硫化鉱のほか灰重石，磁鉄鉱を含み，研磨片（C54－4：62.30m）では，閃亜鉛鉱及び黄銅鉱が認められる。67.05～75.00mは白色中粒花崗岩で弱いカオリン化，絹雲母化を受けている。鉱石分析の結果は36.40～36.80mでZn：3.46%，Ag：95g／t，39.70～40.40mで平均品位Zn：1.30%，42.10～67.05mで平均品位Cu：0.49%を示した。

MJTY－55：掘進長75.30m

表層部は褐色土壌からなる。4.00～49.50mは灰色の細粒結晶質石灰岩である。49.50～56.50mは空洞である。56.50～61.15mは緑灰色スカルン化堆積岩で，少量の閃亜鉛鉱を鉱染する。61.15～62.50mは灰色細粒結晶質石灰岩である。62.50～68.20mでは淡灰色の珪化石灰岩となる。68.20～74.70mはスカルン化堆積岩で少量の閃亜鉛鉱を鉱染する。74.70～75.30mは白色中粒～粗粒黒雲母花崗岩である。鉱石分析の結果は58.20～61.15mで平均品位Zn：1.01%，Ag：69g／tを示した。

MJTY－56：掘進長37.00m

表層部は褐色土壌からなる。3.00～27.10mは強い風化作用によりほとんど粘土化した赤褐色～黄褐色の堆積岩である。6.70～10.50mに暗褐色，多孔質のゴッサンを挟む。27.10～34.20mは黄緑色スカルン化堆積岩で，閃亜鉛鉱が鉱染する。34.20～37.00mは中粒の黒雲母花崗岩である。鉱石分析の結果は6.70～10.50mでCu：0.59%，Ag：53g／tを29.00～33.00mで平均品位Zn：1.105%を示した。

2－3 調査結果

(1) 地　質

本地区には三畳紀の黒雲母花崗岩と白亜紀の活動と考えられる両雲母花崗岩が広く分布し，被貫入岩であるカンブリア－オルドビス紀の堆積岩は花崗岩の上位に小規模なルーフペンダントとして点在する（第11～18図）。

黒雲母花崗岩は本地区東部を広く占め，2～4cmのカリ長石の斑晶を含むことを特徴とする。両雲母花崗岩は本地区中央部に北北西－南南東に延びるレンズ状分布を示し，初生的な白雲母を含むことを特徴とする。

堆積岩は主として泥質岩，頁岩からなり，一部に石灰岩，珪岩などを伴っているが，風化が

著しく原岩のはっきりしないものが多い。ルーフペンダントは，500×500m，300×600mの広さのものと50×30m～200×150mの小規模のもの数個が地区中央部から北北西方向へ向かって点在する。これらの厚さは一般に30～50mであるが，50m以上の厚いものも認められる。

花崗岩と堆積岩の境界部あるいは堆積岩中にスカルン化作用が認められる。スカルン鉱物は主として緑レン石，ヘデン輝石，柘榴石，石英，長石からなり，ベスブ石，珪灰石を伴う（第7表）。

花崗岩には黒雲母の緑泥石化，長石のカオリン化，セリサイト化のほか，珪化，電気石化，スカルン化などが認められる。このうち，肉眼的にはカオリン化変質が最も多く見られ，セリサイト変質，電気石変質がこれに次ぐ。珪化は多くの場合，堆積岩との境界部付近の幅数mの部分に認められる。

風化作用は全域に亘って深度数10m以上までに及んでおり，堆積岩は粘土質岩に，塊状硫化鉱は主に針鉄鉱からなるゴッサンになっている。地表付近の花崗岩はマサ状を呈している。

(2) 鉱　床

鉱化作用は花崗岩と堆積岩との境界付近ないし堆積岩中に認められ，そこに石灰岩あるいは石灰質岩を交代した接触交代鉱床が形成されている。また，MJTY－26の深度39.90mには，花崗岩中に幅1cmの黄銅鉱を伴った石英脈があり，鉱脈型鉱床も存在する可能性がある。

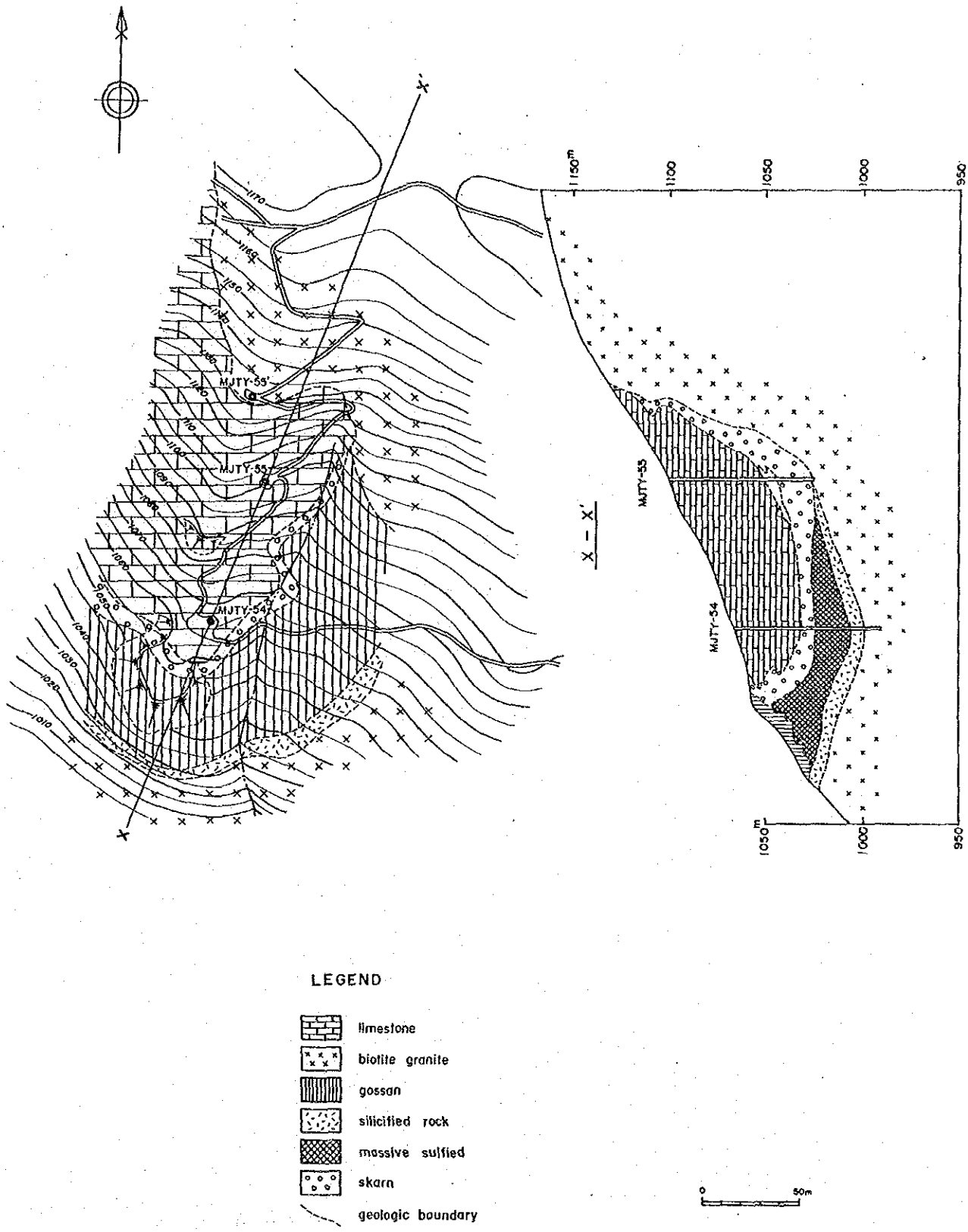
鉱床は，緑色スカルン中に主として閃亜鉛鉱，黄銅鉱，灰重石を鉱染するものと，スカルン中に多量の磁硫鉄鉱が鉱染し，黄銅鉱を伴う塊状硫化鉱をなすものがある。

鉱徴地は殆どのルーフペンダント状堆積岩に認められ，本地区中部から北北西方向へ，幅200～300m，延長3km以上の範囲に点在しており，さらに北部石灰岩地域へ連なっている。

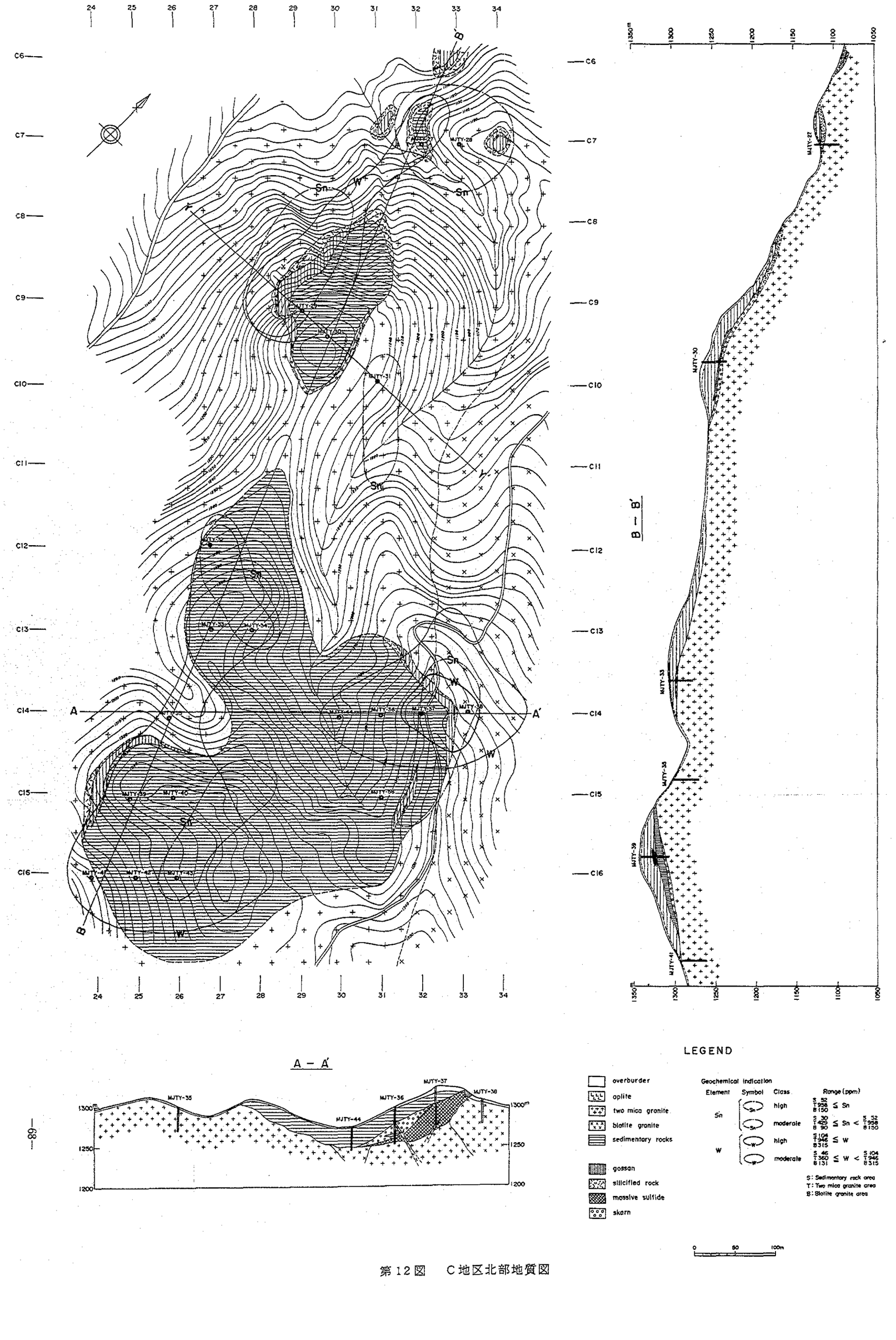
本地区の北方約1kmに位置する北部石灰岩地域でのボーリングでは石灰岩の下位に閃亜鉛鉱を鉱染する厚さ7mの緑色スカルン帯とそれに連続する約20mの塊状硫化鉱を捕捉し，鉱化作用及びスカルン化作用は，北北西へ向かい優勢となる傾向が認められた。

確認された鉱体のうち，隣接するボーリングで延長が把握されたものはMJTY－14，20，MJTY－36，37，MJTY－26，53の3か所に過ぎず，各鉱体は広さ20×20m～70×100m，厚さ3～27mの規模の小規模レンズ状鉱体として散在しており，連続性に乏しい。

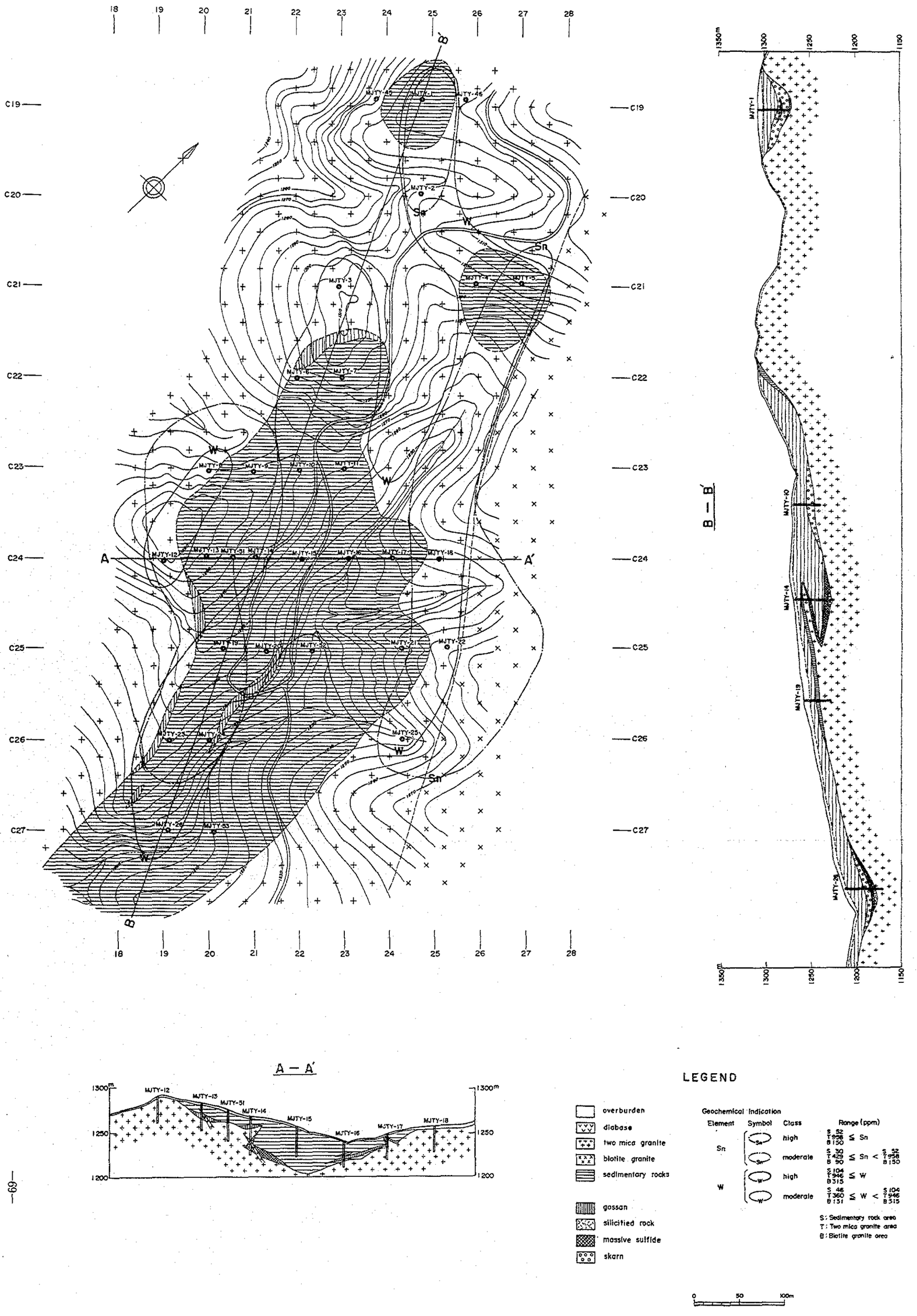
鉱石鉱物は閃亜鉛鉱，黄銅鉱，灰重石，磁硫鉄鉱の他に方鉛鉱，磁鉄鉱，黄鉄鉱，藍銅鉱，



第11図　北部石灰岩地域地質図



第12図　C地区北部地質図



A — A'

LEGEND

- overburden
- diabase
- two mica granite
- biotite granite
- sedimentary rocks
- gossan
- silicified rock
- massive sulfide
- skarn

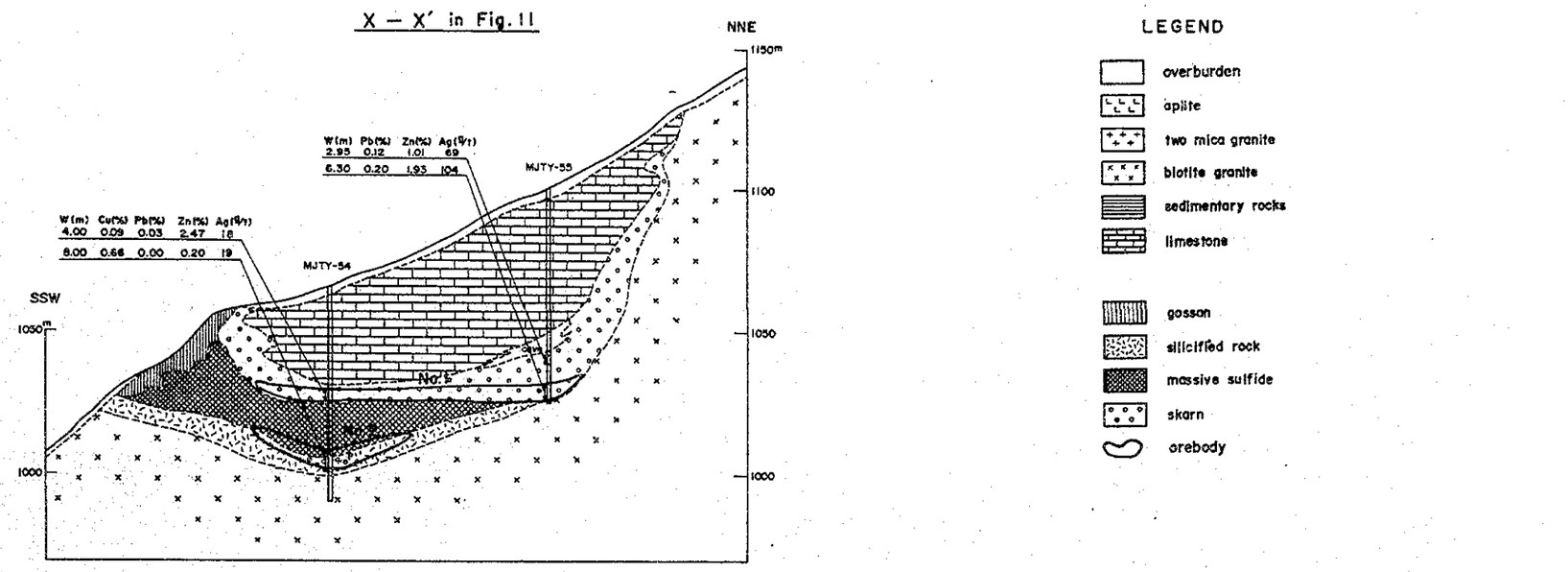
Geochemical Indication

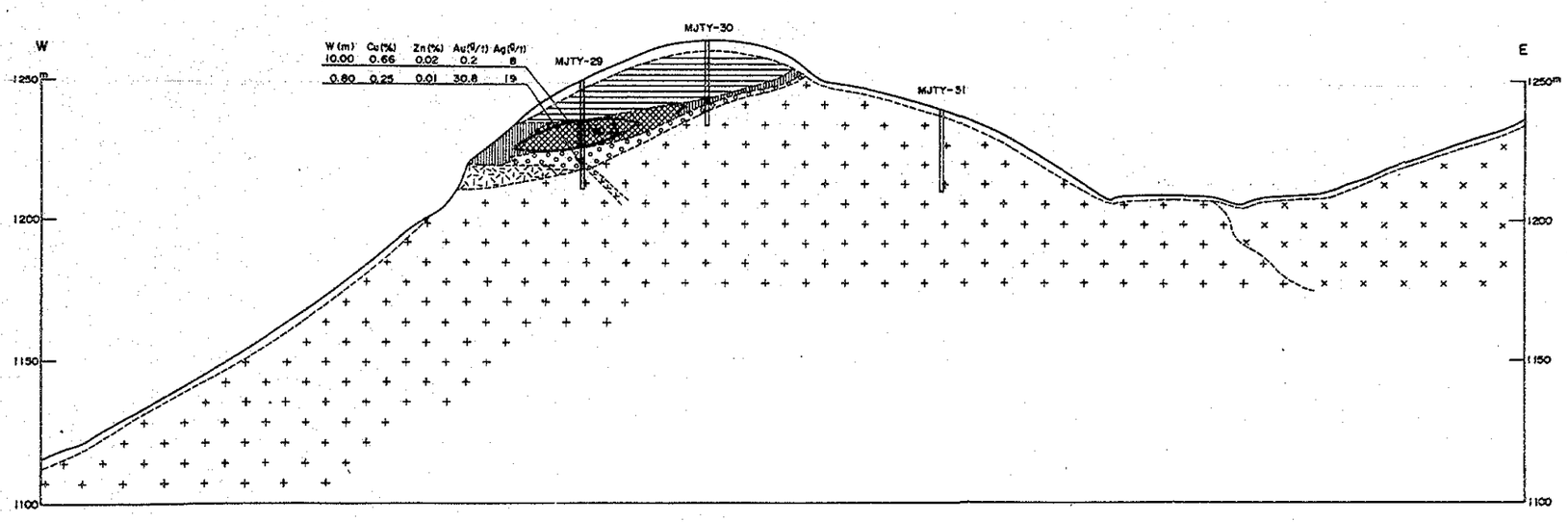
Element	Symbol	Class	Range (ppm)
Sn	Sn	high	S 52 / T 1938 / B 150 ≦ Sn
	Sn	moderate	S 30 / T 429 / B 90 ≦ Sn < S 52 / T 1938 / B 150
W	W	high	S 104 / T 1946 / B 315 ≦ W
	W	moderate	S 46 / T 1360 / B 131 ≦ W < S 104 / T 1946 / B 315

S: Sedimentary rock area
T: Two mica granite area
B: Biotite granite area

0 50 100m

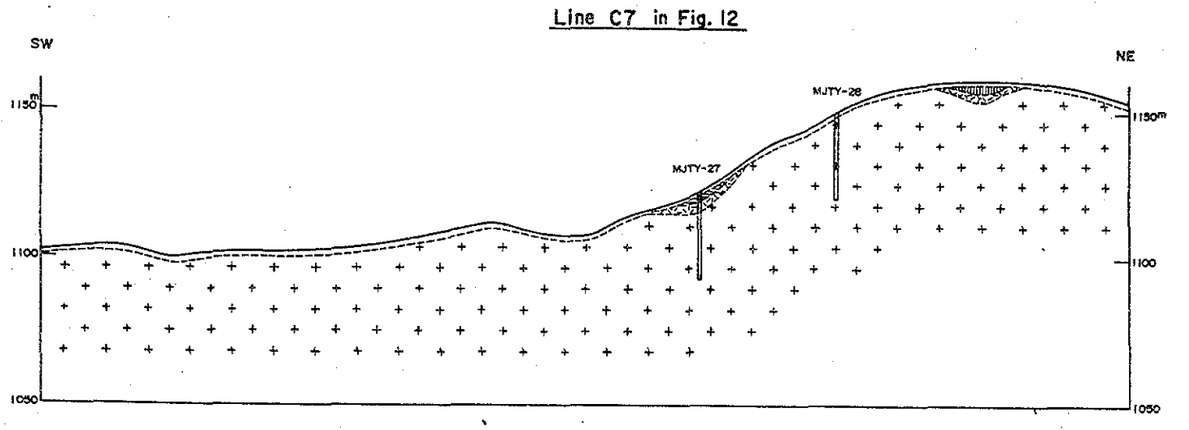
第13図　C地区中部地質図

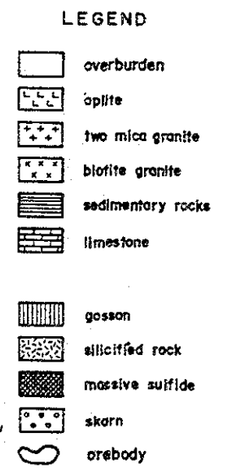




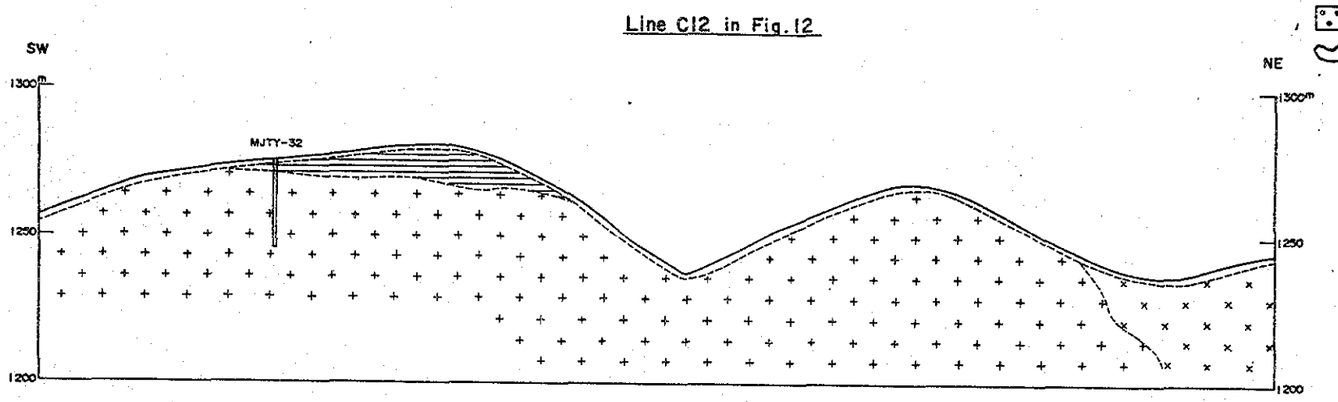
第14図　C地区ボーリング断面図1

Line C7 in Fig. 12

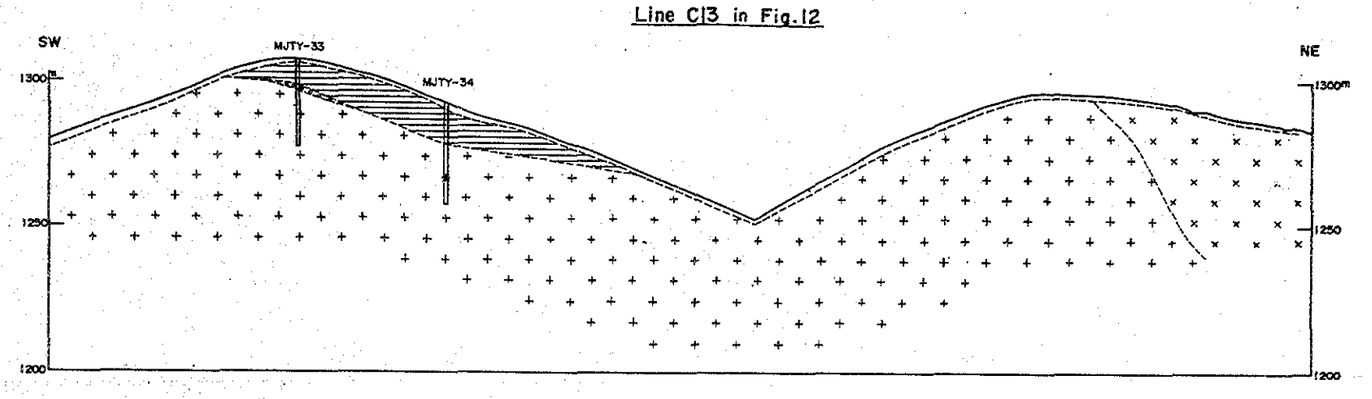




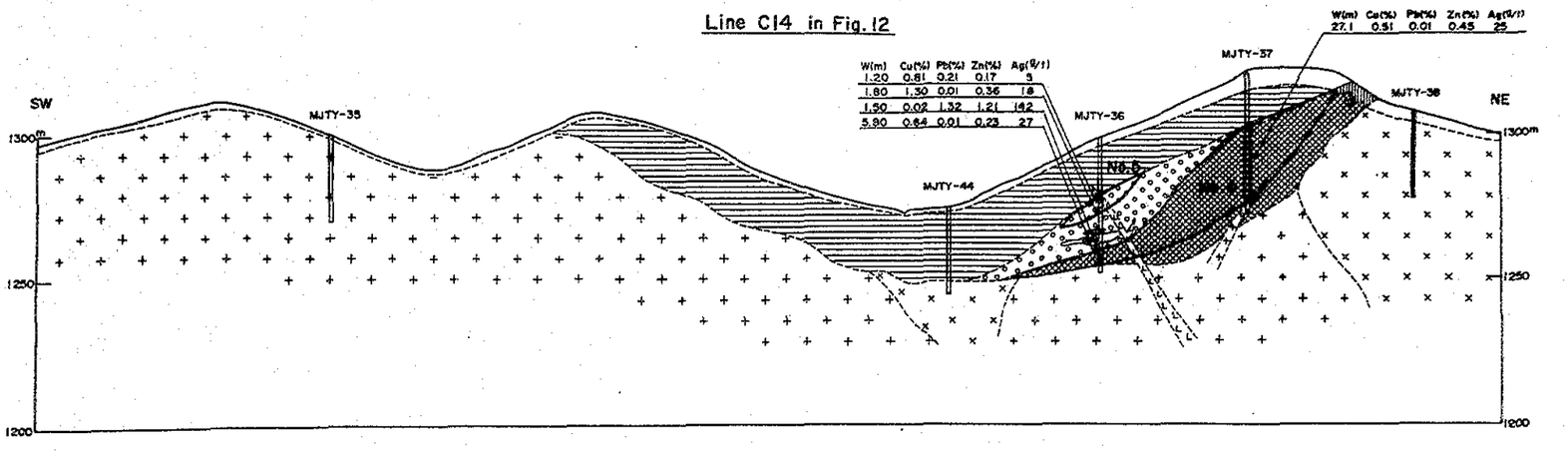
Line C12 in Fig. 12



Line C13 in Fig. 12

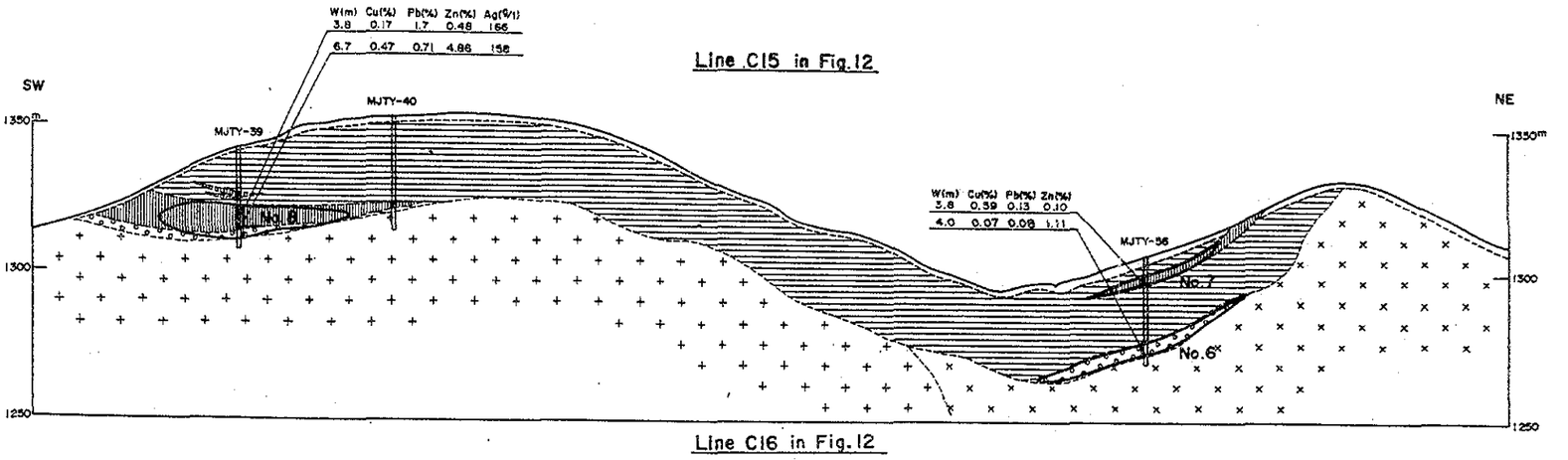


Line C14 in Fig. 12

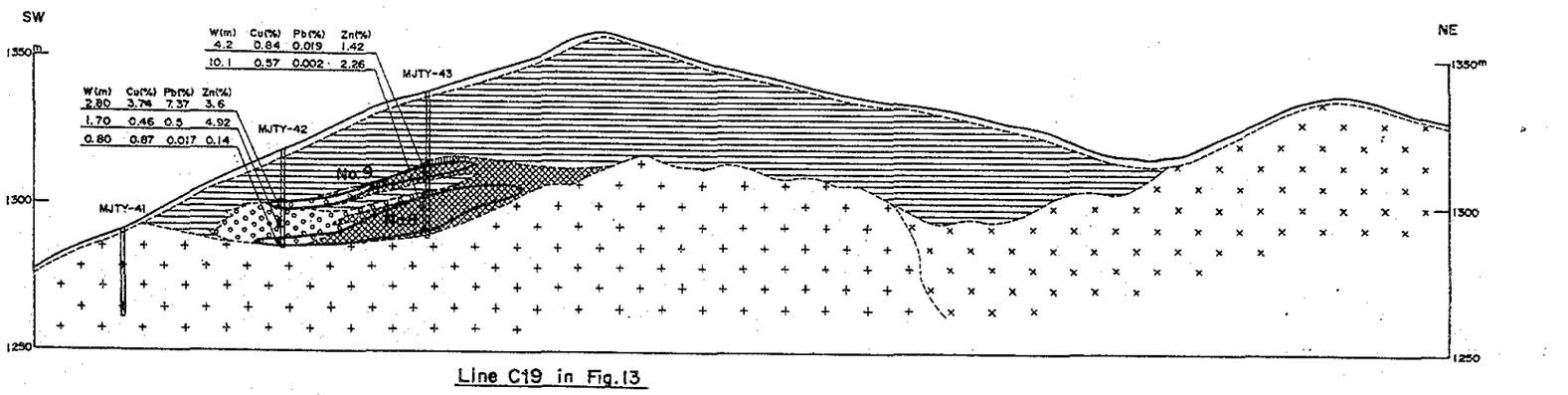


第15図　C地区ボーリング断面図2

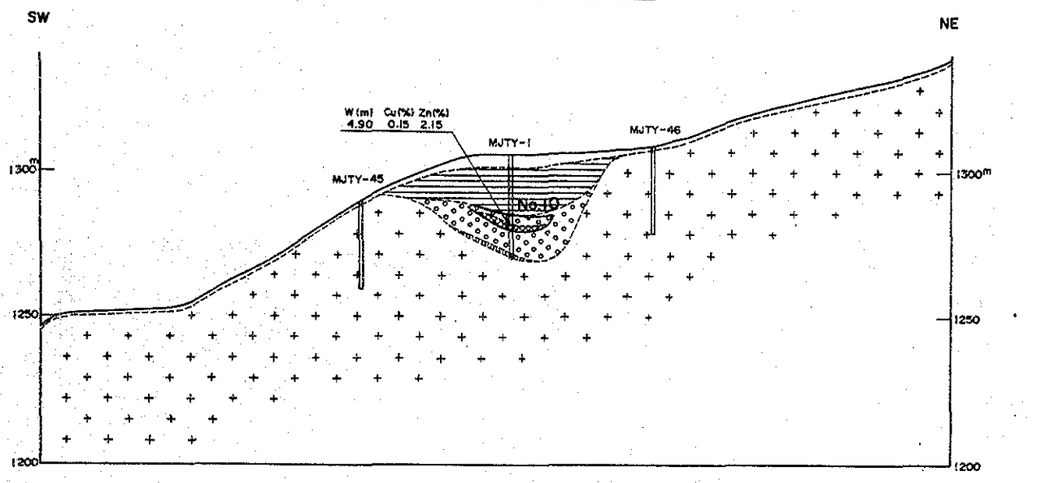
Line C15 in Fig.12



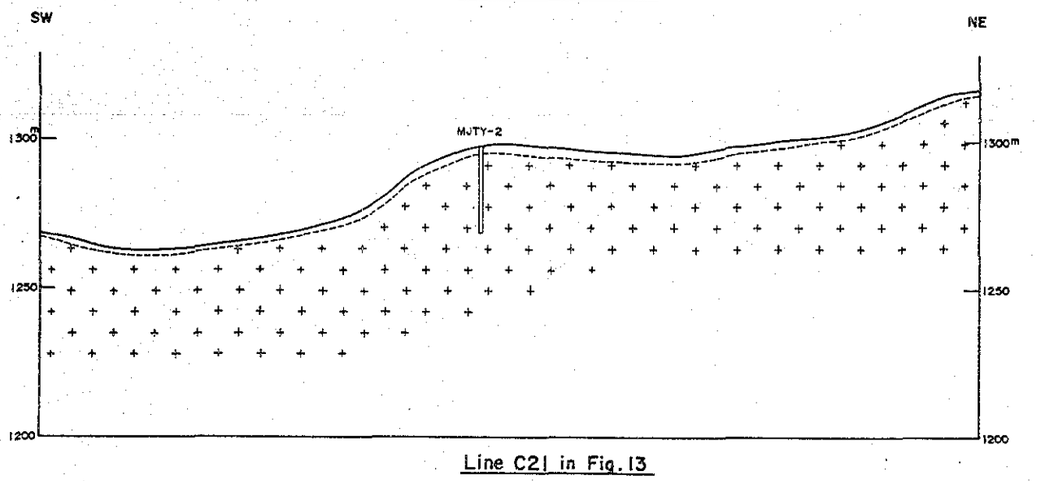
Line C16 in Fig.12



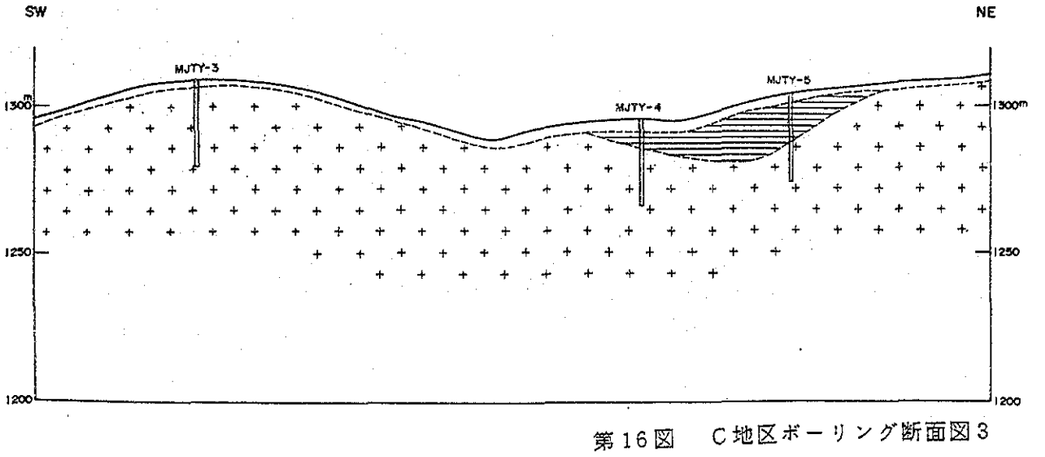
Line C19 in Fig.13



Line C20 in Fig.13



Line C21 in Fig.13

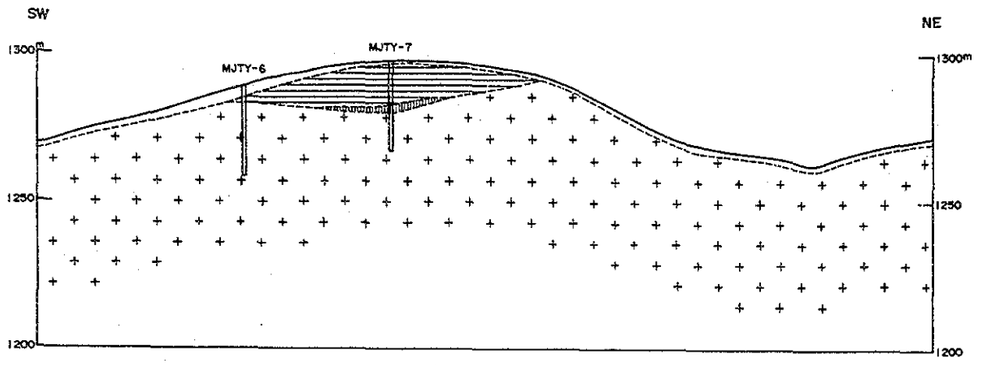


LEGEND

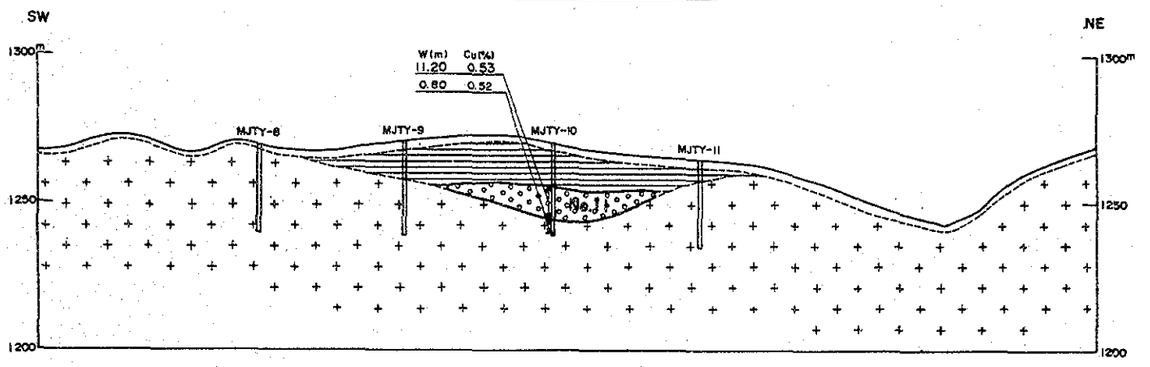
- overburden
- two mica granite
- biotite granite
- sedimentary rocks
- gossan
- massive sulfide
- skarn
- orebody

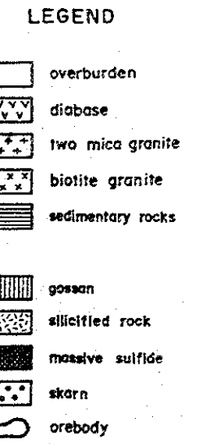
第16図　C地区ボーリング断面図3

Line C22 in Fig. 13

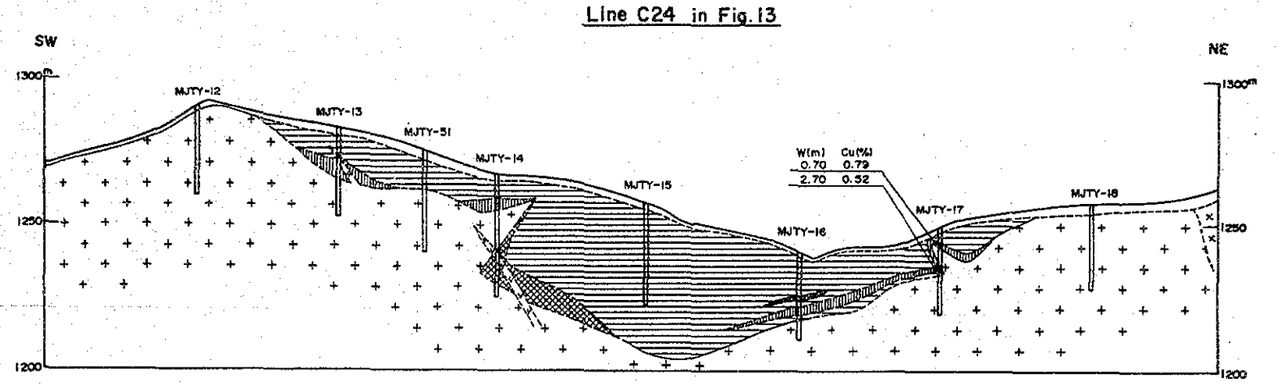


Line C23 in Fig. 13

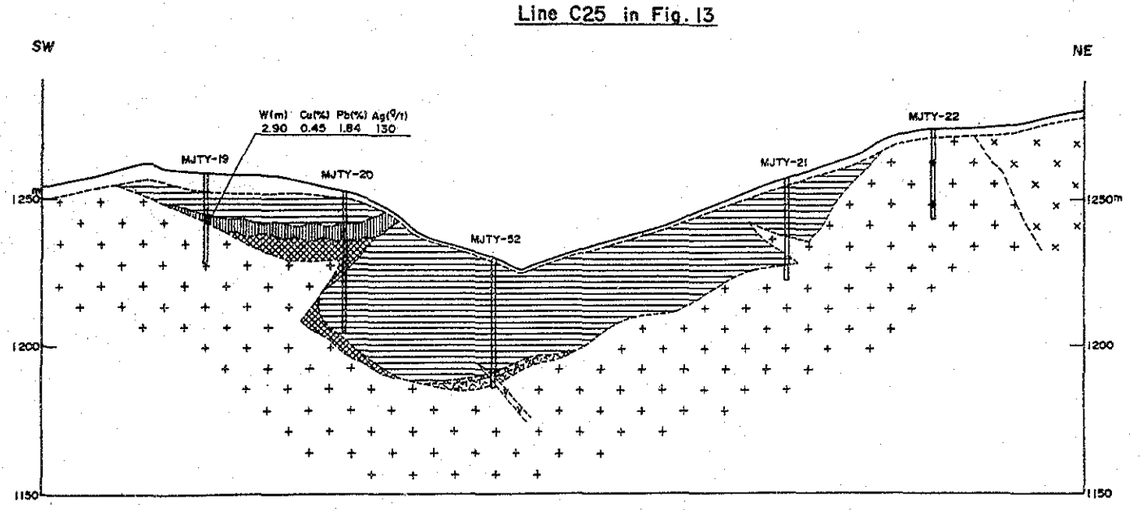




Line C24 in Fig. 13

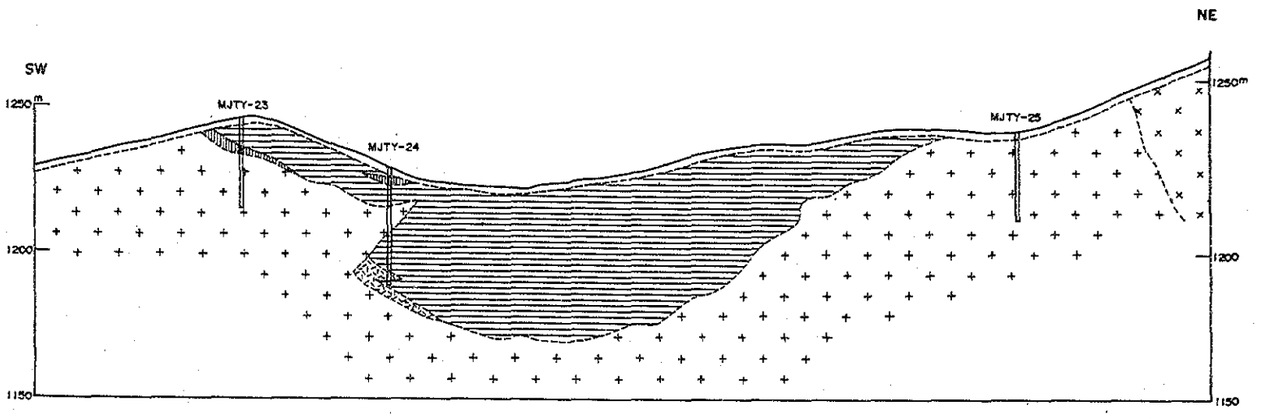


Line C25 in Fig. 13

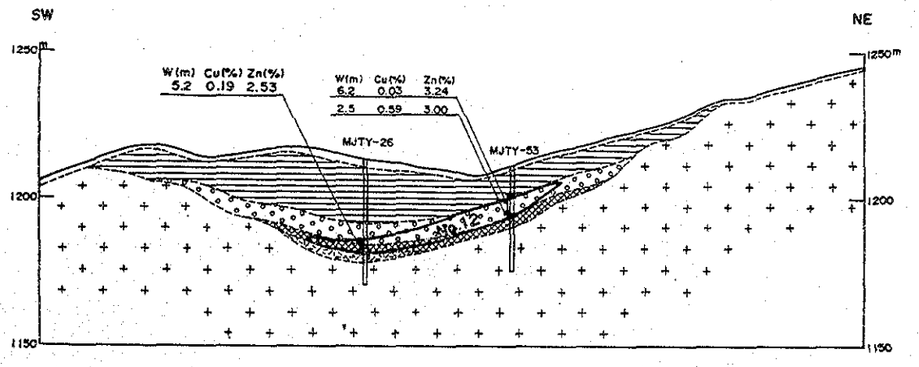


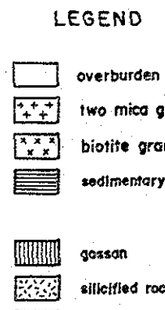
第17図　C地区ボーリング断面図4

Line C26 in Fig. 13

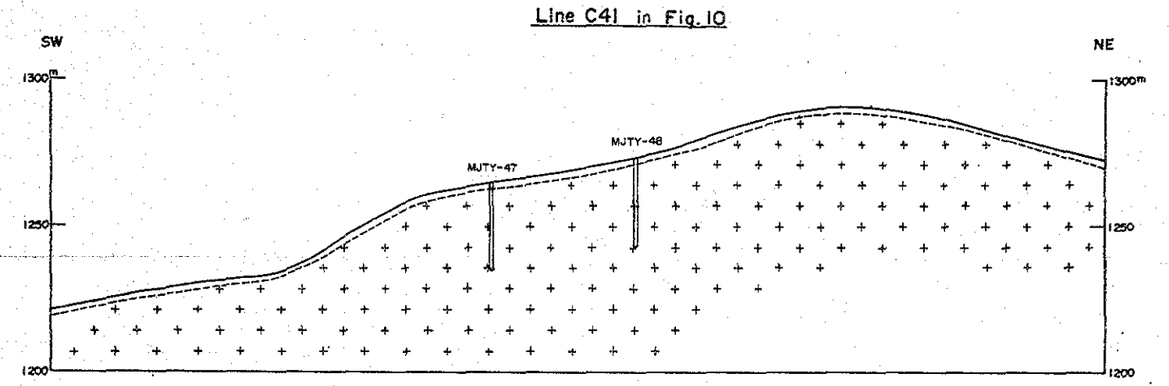


Line C27 in Fig. 13

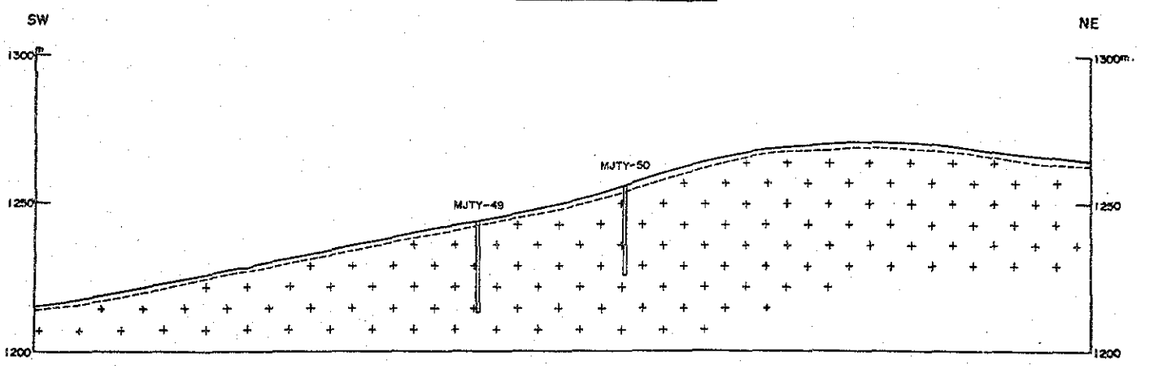




Line C41 in Fig. 10



Line C42 in Fig. 10



第18図　C地区ボーリング断面図5

硫砒鉄鉱，ビスマス鉱物が認められた（第8～10表）。錫はタングステンと共に地化学異常を示し，ボーリング試料の化学分析でも地化学異常値に相当する含有量を示したが，検鏡やEPMA分析で錫鉱物は確認出来なかった。

一方，ニオブ，タンタル異常域では，厚さ30m以上の顕著なカオリン化が認められたが，ニオブ，タンタルとも地化学異常値に対応する含有量を示すにとどまった。

2－4 鉱石分析結果

鉱徴部の209試料のCu，Pb，Zn，Sn，W，Nb，Ta，Au，Agについて化学分析を行った。その中でZn品位0.5%以上の65試料はCdについて分析を行った。分析結果は巻末付表7に示す。

CuはMJTY－42，18.30～20.00mの1.70m間のスカルン中で最高5.34%を示したが，一般に鉱化部では0.2～0.8%の品位を示すことが多い。

PbはMJTY－42，18.30～20.00mの1.70m間のスカルン中で最高11.6%を示したが，1%を越える品位は他に数か所にみられるだけであり，一般に鉱徴部では0.1%以下の品位を示すことが多い。

ZnはMJTY－39，29.50～30.50mの1.00m間のスカルン鉱体において最高13.3%を示したが，一般に鉱化の優勢な部分では1～4%の品位を示す。

CdはZn品位0.5%以上の試料において0.01～0.2%の品位を示す。

Sn，Wはそれぞれ最高0.45%，0.44%を示したが，ほとんどの試料は0.1%以下の品位を示した。

Nb，TaはC地区南部のカオリン化した花崗岩分布地域のMJTY－47～50においてはNb；31～91ppm，Ta；14～28ppm，C地区中央部から北部にかけての硫化鉱物の鉱化がみられる地域ではNb；3～20ppm，Ta；＜10ppmを示した。

Auは一般に0.1～0.5g／tと低品位であるが，MJTY－29の29.20～30.00mでは最高の30.8g／tを示した。

AgはMJTY－55の71.00～71.50m間で最高373g／tを示した。Pb，Zn品位の高い部分では100g／t以上の比較的高い品位を示す。

以下，着鉱部の品位を示す。

緑色スカルン中の鉱染鉱

MJTY－10；　14.30～25.50m　幅　11.20m　（Cu：0.53%）

MJTY－36；　21.40～28.30m　幅　6.90m　（Cu：0.51%）

MJTY－42；	17.20～20.00m	幅	2.80m	(Zn：3.60%，Ag：182g／t)
	24.30～26.00m	幅	1.70m	(Zn：4.92%)
MJTY－53；	9.80～17.00m	幅	7.20m	(Zn：3.45%)
MJTY－54；	36.40～40.40m	幅	4.00m	(Zn：2.50%)
	68.20～74.50m	幅	6.30m	(Zn：1.93%)
MJTY－56；	29.00～33.00m	幅	4.00m	(Zn：1.15%)

塊状硫化鉱

MJTY－1；	24.50～26.00m	幅	1.50m	(Cu：0.27%，Zn：1.75%)
MJTY－14；	33.40～37.70m	幅	4.30m	
MJTY－20；	16.50～23.50m	幅	7.00m	
MJTY－26；	29.10～32.40m	幅	3.30m	(Cu：0.20%，Zn：2.79%)
MJTY－29；	14.20～24.30m	幅	10.10m	(15.00～24.30m，Cu：0.62%)
MJTY－36；	38.40～43.30m	幅	4.90m	(Cu：0.73%，Zn：0.27%)
MJTY－37；	17.90～45.00m	幅	27.10m	(Cu：0.51%)
MJTY－43；	25.30～30.40m	幅	5.10m	(Cu：0.80%，Zn：1.77%)
	33.80～47.70m	幅	13.90m	(Cu：0.48%，Zn：2.13%)
MJTY－53；	17.00～21.30m	幅	4.30m	(Cu：0.49%)
MJTY－54；	42.10～60.95m	幅	18.85m	(Cu：0.49%)

2－5 鉱　量

ボーリングデータに基づき地質断面図を作成し，比較的含有量の多い銅と亜鉛について，

Cu品位

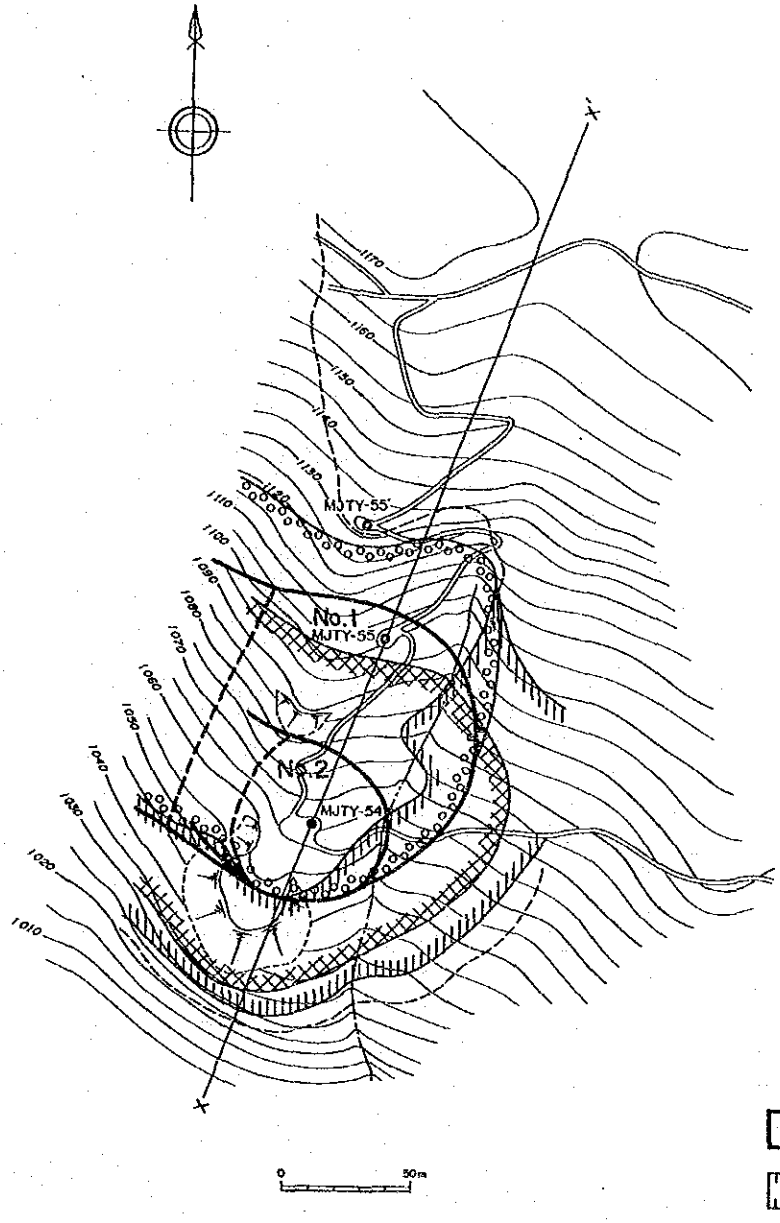
0.5%，Pb，Zn品位1.0%をカットオフ品位とし，着鉱部を中心に鉱体の広がりを推定し鉱量を試算した。鉱量計算の対象鉱体は12鉱体である（第19～21図)。計算の基準は，ボーリングの着鉱部を最大層厚とし，周辺部へ尖滅しているものと仮定し，最大層厚×平面積に0.5を乗じ体積を求め，さらに仮定比重3.3，安全率0.7とし鉱量を計算した。

結果を第11表に示す。各鉱体の鉱量は4，000t～379，000tであり，100，000tを越えるものは2鉱体に過ぎず，10，000～100，000t規模のものが多い。品位も銅鉱体ではCu：0.53～2.00%であり，1%を越えるものは2鉱体しか認められない。亜鉛鉱体でもZn：1.11～3.99%であり，捕捉した鉱体はいずれも品位的にやや低い。鉱量は総合計で899,000t，

第11表　鉱　量　表

鉱体名		面積（m²）	最大厚（m）	埋蔵鉱量（t）	平均品位						鉱体種
					Cu%	Pb%	Zn%	Sn%	W%	Ag g/t	
北部石灰岩地域	No. 1	10,440	6.3	76,000	0.05	0.13	2.16	0.11	0.04	70	緑色スカルン
	No. 2	2,960	8.0	27,000	0.66	0.00	0.20	0.04	0.07	19	塊状硫化鉱
	小　計	—	—	103,000	0.21	0.10	1.65	0.09	0.05	57	—
C地区	No. 3	2,560	10.0	30,000	0.66	0.00	0.02	0.04	0.03	8	塊状硫化鉱
	No. 4	12,120	27.1	379,000	0.54	0.01	0.42	0.04	0.09	26	塊状硫化鉱
	No. 5	1,080	3.0	4,000	1.10	0.09	0.28	0.06	0.02	13	緑色スカルン
	No. 6	5,600	4.0	26,000	0.07	0.08	1.11	0.23	0.04	15	緑色スカルン
	No. 7	1,520	3.8	7,000	0.59	0.13	0.10	0.08	0.16	53	ゴッサン
	No. 8	13,200	11.0	168,000	0.53	0.04	2.17	0.04	0.05	19	塊状硫化鉱～ゴッサン
	No. 9	2,880	4.2	14,000	2.00	2.96	2.59	0.04	0.06	106	塊状硫化鉱
	No. 10	1,200	4.9	7,000	0.15	0.01	2.15	0.05	0.03	11	緑色スカルン
	No. 11	7,280	11.2	94,000	0.53	0.00	0.07	0.01	0.02	11	緑色スカルン
	No. 12	8,000	7.2	67,000	0.19	0.04	3.99	0.05	0.09	35	緑色スカルン～塊状硫化鉱
	小　計	—	—	796,000	0.52	0.07	1.10	0.05	0.07	24	—
合　計		—	—	899,000	0.49	0.08	1.17	0.06	0.07	27	—

＊　埋蔵鉱量　＝　面　積　×　最大厚　×　0.5　×　3.3（比重）　×　0.7（安全率）

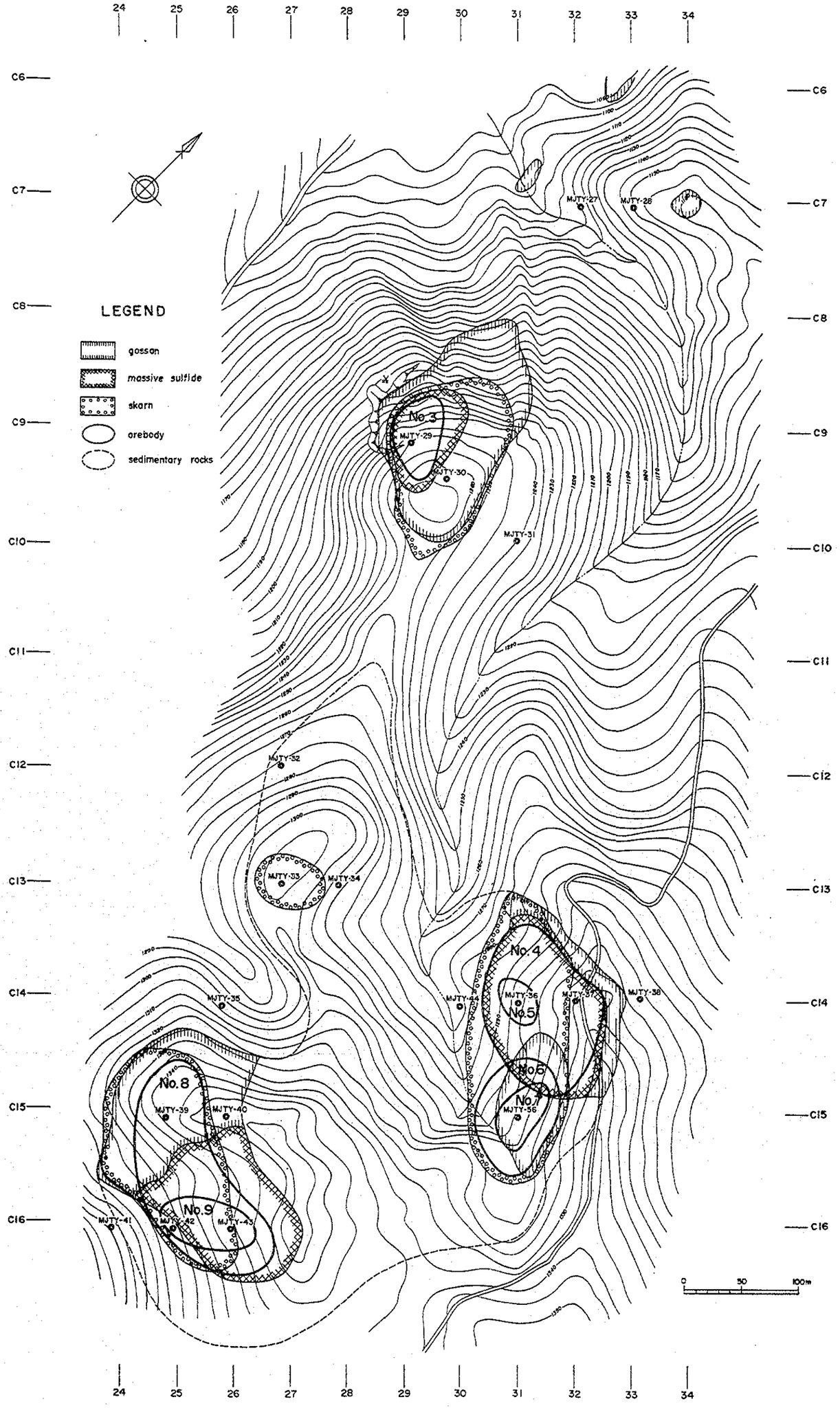


LEGEND

- ore body
- gossan
- massive sulfide
- skarn

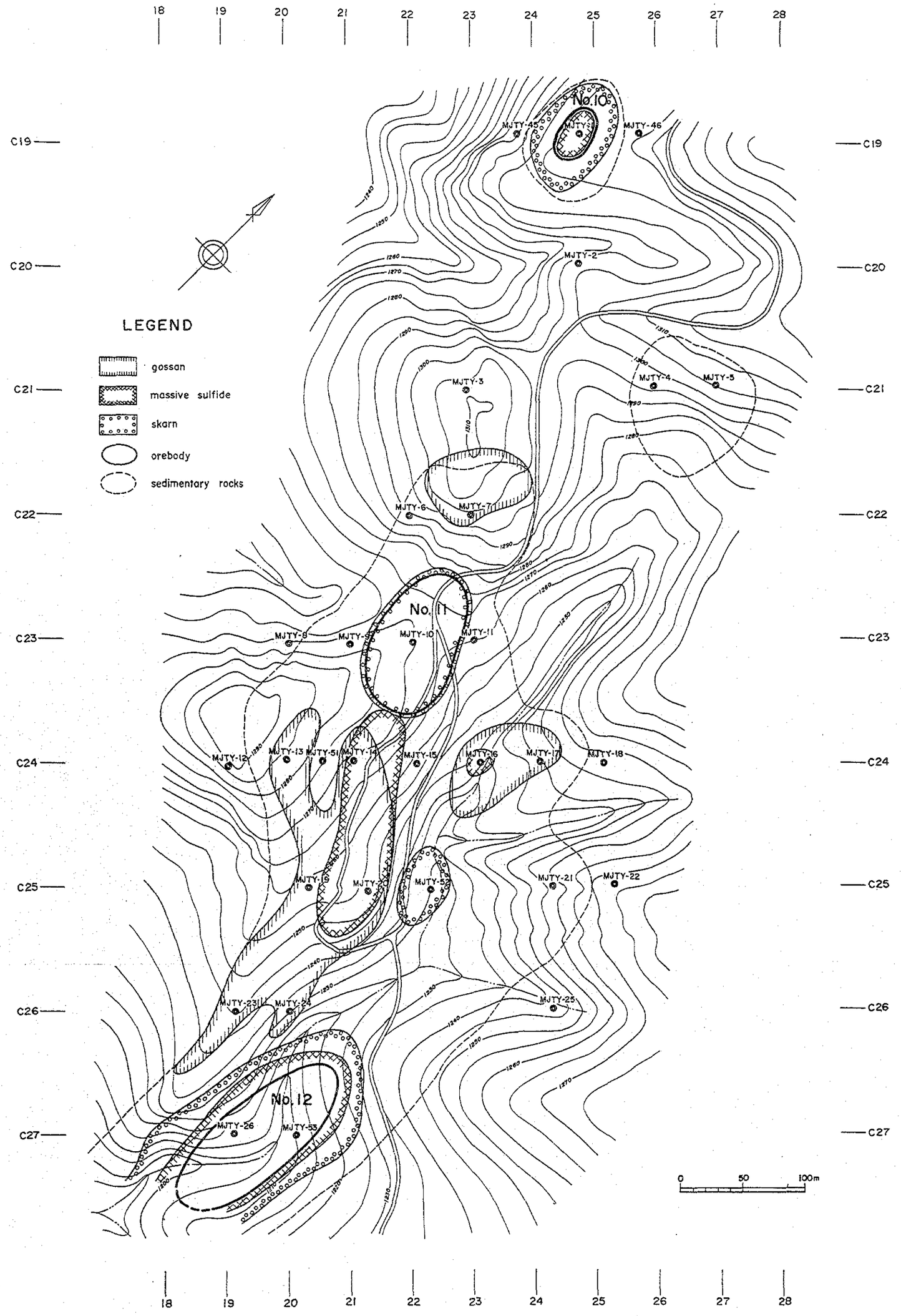
Ore Body No.	Area (m²)	Thickness (m)	Ore Reserve (t)	Cu (%)	Pb (%)	Zn (%)	Sn (%)	W (%)	Ag (g/t)
No.1	10,440	6.3	76,000	0.05	0.13	2.16	0.11	0.04	70
No.2	2,960	8.0	27,000	0.66	0.00	0.20	0.04	0.07	19

第19図　北部石灰岩地域鉱体分布図



Ore Body No.	Area (m²)	Thickness(m)	Ore Reserve (t)	Cu (%)	Pb (%)	Zn (%)	Sn (%)	W (%)	Ag (g/t)
No. 3	2,560	10.0	30,000	0.66	0.00	0.02	0.04	0.03	8
No. 4	12,120	27.1	379,000	0.54	0.01	0.42	0.04	0.09	26
No. 5	1,080	3.0	4,000	1.10	0.09	0.28	0.06	0.02	13
No. 6	5,600	4.0	26,000	0.07	0.08	1.11	0.23	0.04	15
No. 7	1,520	3.8	7,000	0.59	0.13	0.10	0.08	0.16	53
No. 8	13,200	11.0	168,000	0.53	0.04	2.17	0.04	0.06	19
No. 9	2,880	4.2	14,000	2.00	2.96	2.59	0.04	0.06	106

第20図　C地区北部鉱体分布図



Ore Body No.	Area (m²)	Thickness (m)	Ore Reserve (t)	Cu (%)	Pb (%)	Zn (%)	Sn (%)	W (%)	Ag (g/t)
No. 10	1,200	4.9	7,000	0.15	0.01	2.15	0.05	0.03	11
No. 11	7,280	11.2	94,000	0.53	0.00	0.07	0.09	0.02	11
No. 12	8,000	7.2	67,000	0.19	0.04	3.99	0.05	0.09	35

第21図　C地区中部鉱体分布図

平均品位はCu：0.49%，Pb：0.08%，Zn：1.17%，Ag：27g／tが算出された。このほか，銅，亜鉛の品位が低いため鉱量に含めていないが，主として磁硫鉄鉱からなる塊状硫化鉱は概算で1,000,000t，Cu：0.2～0.4%となる。

2－6 考　察

本年次の調査により捕捉した鉱床は一部に高品位部が見られるものの，全体としては品位的にやや低く，かつ鉱体も小規模で分散しており，現状では開発は難しいものと考えられる。

しかし，本地区と北部石灰岩地域との中間には石灰岩が分布し，ゴッサンも認められ，有望な未探鉱地域として残されている。また，鉱化作用は本地区から北北西へ向かい優勢となる傾向が認められ，本地区の北北西約1kmの北部石灰岩地域で捕捉した鉱徴も，周辺の広がりは把握しておらず，さらに北北西へ連続しているものと考えられる。

第Ⅲ部　結論及び提言

第Ⅲ部　結論及び提言

第1章　結　論

本年度は第1年次及び第2年次の調査結果から抽出されたA地区及びC地区において,特に地化学異常域に対してA地区ではトレンチ調査をC地区ではボーリング調査を実施して次の結論を得た。

1－1　A地区

(1)　殆どのトレンチでペグマタイトを主とする岩脈が確認され,これら岩脈の分析品位はほぼ地化学高異常値に相当する値が得られ,地化学異常がペグマタイトに起因することが明らかとなった。

(2)　一部のトレンチでは錫,ニオブ,タンタルに比較的高い値を示したが,いずれも初生鉱床としては低品位である。

(3)　上記トレンチを含む地化学異常域周辺の沢のパンニング試料に錫,タングステン鉱物が認められ,地元民による二次鉱床採掘跡が点在するすることから,ペグマタイトを主とする岩脈類が二次鉱床の供給源であることを示唆している。

(4)　しかしながら,二次鉱床賦存の適地はほとんど,採掘あるいは探鉱されており,新規に二次鉱床が見つかる可能性は少ない。

1－2　C地区

(1)　堆積岩類は花崗岩分布域にルーフペンダントの小規模岩体で点在する。

(2)　鉱床は,花崗岩類と堆積岩類との境界部及び堆積岩中に認められ,石灰岩あるいは石灰質岩を交代した接触交代鉱床である。比較的優勢なスカルン及び鉱徴がC地区北北西1kmの石灰岩地域でも確認され,鉱化作用は北北西へ向かって優勢となる傾向がある。

(3)　鉱石鉱物は閃亜鉛鉱,方鉛鉱,黄銅鉱,黄鉄鉱,磁硫鉄鉱,灰重石,磁鉄鉱であり,このほかビスマス鉱物,銀鉱物を微量含む。このうち比較的含有量の多い有用鉱物は,閃亜鉛鉱,黄銅鉱である。

(4)　銅,亜鉛を対象とする埋蔵鉱量899,000t,平均品位Cu：0.49%,Pb：0.08%,Zn：1.17%,Ag：27g／tが試算された。しかし,現状では採掘対象としては品位が低い。

第２章　将来への提言

Ｃ地区では，鉱化帯は周辺部へ拡大が期待される。特に，石灰岩の卓越するＣ地区北北西へ鉱化作用はより優勢となる傾向にあることから，Ｃ地区北北西延長部がより有望な地域として挙げられる。

探査方法は，IP法等の電気探査により，鉱体の賦存範囲，深度等を把握し，それらをボーリングにより確認する方法が適切である。

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巻末付図付表

付表1　ボーリング掘進実績表

Drilling hole No.	Drilling Period	Drilling Length	Core		No. of Drilling Shift			Drilling Speed	
			Length	Recovery	Drilling	Others	Total	*1 m/shift	*2 m/shift
MJTY– 1	JAN. 17, '89～JAN. 19, '89	36.10	36.10	100	5.0	0.5	5.5	7.22	6.56
2	JAN. 19, '89～JAN. 21, '89	30.00	30.00	100	4.5	0.5	5.0	6.67	6.00
3	JAN. 24, '89～JAN. 26, '89	30.00	30.00	100	4.5	1.0	5.5	6.67	5.45
4	JAN. 23, '89～JAN. 25, '89	30.00	30.00	100	5.5	1.0	6.5	5.45	4.62
5	JAN. 21, '89～JAN. 23, '89	30.00	30.00	100	5.5	0.5	6.0	5.45	5.00
6	JAN. 20, '89～JAN. 22, '89	30.00	30.00	100	4.5	1.0	5.5	6.67	5.45
7	JAN. 22, '89～JAN. 24, '89	30.00	30.00	100	5.0	0.5	5.5	6.00	5.45
8	DEC. 27, '88～DEC. 29, '88	30.00	25.05	84	5.5	1.5	7.0	5.45	4.29
9	DEC. 25, '88～DEC. 27, '88	32.00	29.60	93	5.5	0.5	6.0	5.82	5.33
10	DEC. 21, '88～DEC. 25, '88	31.10	29.80	96	6.0	2.5	8.5	5.18	3.66
11	DEC. 21, '88～DEC. 25, '88	30.00	30.00	100	5.0	4.0	9.0	6.00	3.33
12	DEC. 25, '88～DEC. 27, '88	30.00	30.00	100	5.0	0.5	5.5	6.00	5.45
13	DEC. 27, '88～DEC. 29. '88	30.00	30.00	97	5.5	0.5	6.0	5.45	5.00
14	DEC. 29, '88～JAN. 5, '89	42.50	42.50	100	6.0	5.5	11.5	7.08	3.70
15	JAN. 5, '89～JAN. 7, '89	35.00	32.95	94	5.0	1.0	6.0	7.00	5.83
16	JAN. 7, '89～JAN. 10, 89	30.00	30.00	100	5.5	0.5	6.0	5.45	5.00
17	JAN. 12, '89～JAN. 14, '89	30.00	30.00	100	5.5	0.5	6.0	5.45	5.00
18	JAN. 10, '89～JAN. 12, '89	30.00	30.00	100	4.0	1.0	5.0	7.50	6.00
19	DEC. 29, '88～JAN. 5, '89	30.00	27.80	93	4.0	6.5	10.5	7.50	2.86
20	JAN. 6, '89～JAN. 10. '89	47.60	46.00	97	7.0	2.0	9.0	6.80	5.29
21	JAN. 16, '89～JAN. 18, 89	40.00	40.00	100	5.5	0.5	6.0	7.27	6.67
22	JAN. 14, '89～JAN. 16, '89	30.00	30.00	100	5.0	0.5	5.5	6.00	5.45
23	JAN. 10, '89～JAN. 12, '89	30.00	26.15	87	5.0	0.5	5.5	6.00	5.45
24	JAN. 14, '89～JAN. 17, '89	41.10	40.30	98	8.0	1.0	9.0	5.14	4.57
25	JAN. 18, '89～JAN. 20, '89	30.00	30.00	100	4.5	0.5	5.0	6.67	6.00
26	JAN. 12, '89～JAN. 14, '89	42.35	42.05	99	5.5	1.0	6.5	7.70	6.51
27	JAN. 28, '89～JAN. 30, '89	30.00	30.00	100	5.5	1.0	6.5	5.45	4.62
28	JAN. 26, '89～JAN. 28, '89	30.00	30.00	100	6.0	0.5	6.5	5.00	4.62
29	FEB. 3, '89～FEB. 5, '89	39.00	38.50	98	5.5	1.0	6.5	7.09	6.00
30	FEB. 1, '89～FEB. 3, '89	30.00	30.00	100	5.0	0.5	5.5	6.00	5.45
31	FEB. 5, '89～FEB. 8, '89	30.00	30.00	100	5.0	2.0	7.0	6.00	4.29
32	JAN. 30, '89～FEB. 1, '89	30.00	30.00	100	5.0	1.0	6.0	6.00	5.00
33	JAN. 26, '89～JAN. 28, '89	30.00	30.00	100	5.0	1.0	6.0	6.00	5.00
34	JAN. 28, '89～JAN. 30, '89	35.00	35.00	100	5.0	1.0	6.0	7.00	5.83
35	FEB. 12, '89～FEB. 14, '89	30.00	30.00	100	5.0	1.0	6.0	6.00	5.00
36	FEB. 4, '89～FEB. 7, '89	46.30	43.35	94	5.5	2.0	7.5	8.42	6.17
37	FEB. 1, '89～FEB. 4, '89	49.00	48.15	98	7.5	0.5	8.0	6.53	6.13
38	JAN. 30, '89～FEB. 1, '89	30.00	30.00	100	5.0	0.5	5.5	6.00	5.45
39	FEB. 10, '89～FEB. 12, '89	34.50	32.80	95	5.5	1.0	6.5	6.27	5.31
40	FEB. 8, '89～FEB. 10, '89	38.70	36.80	95	6.0	0.5	6.5	6.45	5.95
41	FEB. 19, '89～FEB. 21, '89	30.00	30.00	100	5.0	0.5	5.5	6.00	5.45
42	FEB. 17, '89～FEB. 19, '89	33.00	33.00	100	5.5	1.0	6.5	6.00	5.08
43	FEB. 14, '89～FEB. 17, '89	50.00	50.00	100	8.0	0.5	8.5	6.25	5.88
44	FEB. 25, '89～MAR.4, '89	30.00	30.00	100	5.0	8.5	13.5	6.00	2.22
45	FEB. 21, '89～FEB. 23, '89	30.00	30.00	100	5.5	0.5	6.0	5.45	5.00
46	FEB. 23, '89～FEB. 25, '89	30.00	30.00	100	5.5	1.0	6.5	5.45	4.62
47	FEB. 11, '89～FEB. 13, '89	30.00	30.00	100	5.5	0.5	6.0	5.45	5.00
48	FEB. 9, '89～FEB. 11, '89	30.00	30.00	100	5.0	0.5	5.5	6.00	5.45
49	FEB. 15, '89～FEB. 17, '89	30.00	30.00	100	5.5	1.0	6.5	5.45	4.62
50	FEB. 13, '89～FEB. 15, '89	30.00	30.00	100	5.5	0.5	6.0	5.45	5.00
51	FEB. 17, '89～FEB. 19, '89	35.00	35.00	100	5.0	1.0	6.0	7.00	5.83
52	FEB. 19, '89～FEB. 22, '89	45.00	45.00	100	7.5	1.0	8.5	6.00	5.29
53	FEB. 22, '89～FEB. 25, '89	35.00	35.00	100	5.5	3.5	9.0	6.36	3.89
54	MAR. 2, '89～MAR. 7, '89	75.00	75.00	100	13.5	1.0	14.5	5.56	5.17
*3 54[1]	FEB. 28, '89～MAR. 2, '89	25.80	25.80	100	3.5	2.5	6.0	7.37	4.30
55	MAR. 14, '89～MAR. 22, '89	75.30	68.00	90	18.0	3.0	21.0	4.18	3.59
*3 55[1]	FEB. 27, '89～FEB. 28, '89	12.00	12.00	100	2.5	1.5	4.0	4.80	3.00
*3 55[2]	MAR. 7, '89～MAR. 10, '89	33.50	33.50	100	5.0	3.5	8.5	6.70	3.94
*3 55[3]	MAR. 10, '89～MAR. 13, '89	62.70	62.70	100	10.5	1.0	11.5	5.97	5.45
56	MAR. 7, '89～MAR. 11, '89	37.00	35.05	95	6.5	1.0	7.5	5.69	4.93
Total	DEC. 21, '88～MAR. 22, '89	*4 2099.55	2062.95	98.0	347.5	82.5	430.0	6.04	4.88

*1 Covering net drilling operations.
*2 Covering works conducted.
*3 Redrilled hole.
*4 Total drilling length except redrilled holes is 1965.55 m.

付表2　使用機器一覧表

Item	Model	Quantity	Specification	
Drilling Machine with Power Unit	D–1 (TOHO CHIKA KOKI CO.)	2 sets	Capacity Dimensions: Height; Length; Width; Weight;	100m 1,320 mm 1,220 mm 650 mm 750 kg
	Swivel Head		Spindle speed	50, 150, 300 rpm
	Hoist		Hoisting capacity	Max. 1,000 kg
	Oil Pump		Capacity Max. pressure;	67 kgm 1,325 kg/cm^2
	NS–90CE (YANMAR)	2 sets	Diesel engine Revolution Related power;	 2,200 rpm 9.0 PS
Drilling Pump with Power Unit	MG–5A (KOKEN)	2 sets	Cylinder bore dia: Delivery volume; Max. pressure: Stroke:	68 mm 70ℓ/min 25 kg/cm^2 170 s.p.m.
	NS–75C (YANMAR)	2 sets	Diesel engine Revolution: Related power:	 2,200 rpm 7.5 PS
Water Supply Pump	MS–1503	2 sets	Capacity: Max. pressure:	131–150ℓ/min 30 kg/cm^2
	NS–130C	1 set	Diesel engine Revolution: Related power:	 2,200 rpm 13.5 PS
	NF–110	1 set	Diesel engine Revolution: Related power:	 2,400 rpm 11.0 PS
Derick	Tripod (EZAKI)	2 sets	Steel pipe Max. load capacity	 1,500 kg
Crawler Carrier	YFW5D–1 (YANMAR)	1 set	Max. loading cap: Empty weight:	500 kg 345 kg
Crane Carrier	YFC20(O)E (YANMER)	1 set	Max. loading cap: Max. lifting cap: Empty weight:	1,700 kg 950 kg 1,860 kg
	NS–110GEFW (YANMAR)		Diesel engine Revolution: Related power:	 2,200 rpm 11 PS
Chain saw	S–55 (PATNER)	2 sets	Chain bar Weight	20 inch 6.0 kg
Engine Generator	SV–1500 (SUZUKI)	3 sets	Capacity Engine:	1.3/1.5 KVA 100 V 3,000～3,600 rpm 3.2～3.8 PS
Drill Road -ditto- -ditto- -ditto-	44.5 mm 44.5 mm 44.5 mm 40.5 mm	35 pcs 4 pcs 4 pcs 5 pcs		44.5 mm x 3.00 m 44.5 mm x 1.00 m 44.5 mm x 0.50 m 40.5 mm x 0.30 m
Casing Pipe -ditto-	114 mm (HW) 84 mm	20 pcs 56 pcs		HW x 0.50 m
Double Core-Tube -ditto- -ditto-	86 mm (N, S) 66 mm (S) 66 mm (N)	3 sets 3 sets 3 sets		CPS 86mm x 1.50m CPS 66mm x 1.50m CPS 66mm x 1.50m
Single Core-Tube	86 mm	4 pcs		CPS 86mm x 0.40m
Collapsible water tank		2 sets		3 m^3

付表3　消耗品使用数量表

Drilling hole No.	Light oil (ℓ)	Gasoline (ℓ)	Mobil oil (ℓ)	Grease (kg)	C.M.C (kg)
MJTY– 1	70	40	0.3	0.2	4.0
" 2	60	25	0.5	0.2	3.0
" 3	50	45	0.2	0.2	4.0
" 4	85	40	0.5	0.3	5.0
" 5	75	40	0.5	0.3	5.0
" 6	50	60	0.8	0.3	3.0
" 7	60	45	–	0.2	5.0
" 8	85	27	1.5	0.9	2.0
" 9	75	32	1.0	0.7	3.0
" 10	80	38	1.5	2.0	2.0
" 11	100	50	5.0	2.5	3.0
" 12	65	30	1.0	1.0	2.0
" 13	70	30	2.0	1.0	–
" 14	95	25	5.0	3.0	2.0
" 15	85	25	1.0	0.5	2.0
" 16	70	25	1.0	1.0	2.0
" 17	60	30	–	0.2	3.0
" 18	60	30	1.0	1.0	2.0
" 19	80	28	1.0	1.4	2.0
" 20	80	20	2.0	0.2	2.0
" 21	70	55	0.5	0.2	4.0
" 22	70	45	–	0.1	5.0
" 23	70	20	–	0.2	2.0
" 24	130	60	1.2	0.4	5.0
" 25	55	45	0.5	–	3.0
" 26	75	40	0.1	0.3	4.0
" 27	75	40	0.2	0.3	5.0
" 28	75	40	0.2	0.2	5.0
" 29	70	50	0.2	0.1	5.0
" 30	55	55	0.4	0.2	4.0
" 31	60	70	0.8	0.4	7.0
" 32	55	55	0.2	0.2	5.0
" 33	60	55	0.5	0.3	4.0
" 34	65	50	0.2	0.1	6.0
" 35	65	40	0.6	0.2	3.0
" 36	100	40	0.7	0.4	6.0
" 37	95	50	0.5	0.5	10.0
" 38	65	40	0.2	0.1	5.0
" 39	85	40	0.4	0.2	6.0
" 40	80	40	0.3	0.2	6.0
" 41	65	40	1.2	0.2	4.0
" 42	75	40	0.4	0.2	4.0
" 43	105	60	0.4	0.2	6.0
" 44	120	40	0.9	0.2	4.0
" 45	80	40	0.5	0.2	5.0
" 46	80	40	0.4	0.2	5.0
" 47	70	50	0.6	0.3	6.0
" 48	60	40	0.4	0.2	5.0
" 49	70	55	0.5	0.3	4.0
" 50	70	50	0.6	0.3	3.0
" 51	60	55	0.4	0.2	3.0
" 52	95	70	0.7	0.4	5.0
" 53	80	170	1.5	0.2	3.0
" 54	165	110	0.6	0.3	5.0
"	85	50	0.2	0.1	2.0
" 55	210	180	3.1	0.6	4.0
" 55–1	45	40	0.3	0.1	1.0
" 55–2	95	60	0.2	0.2	2.0
" 55–3	140	80	0.6	0.3	2.0
" 56	115	30	0.5	0.5	5.0
Total	4.815 ℓ	2.915 ℓ	47.5 ℓ	26.9 kg	234.0 kg

付表4　ビット使用数量表

Hole No.	Bit Type	86 mm Metal	86 mm Bit	86 mm Reamer	66 mm Metal	66 mm Bit	66 mm Reamer
MJTY－ 1	Length	9.50	5.50			22.10	1
	Quantity	0.1	0.2			0.4	
" 2	Length	15.00			1.00	14.00	
	Quantity	0.3			0.1	1.0	
" 3	Length	12.00	3.00		15.00		
	Quantity	0.4	0.4		0.4		
" 4	Length	15.00			14.00	1.00	
	Quantity	0.5			0.5	1.0	
" 5	Length	14.50	0.50	1	15.00		
	Quantity	0.5	0.1		0.9		
" 6	Length	12.90	2.10			15.00	1
	Quantity	0.3	0.2			0.8	
" 7	Length	12.20	3.00		10.25	4.55	
	Quantity	0.3	0.4		0.2	2.0	
" 8	Length	5.00	4.00		1.50	19.50	
	Quantity	0.2	0.2		0.1	0.5	
" 9	Length		16.00			16.00	
	Quantity		0.6			0.4	
" 10	Length	4.30	10.70	1	1.50	14.60	1
	Quantity	0.2	0.4		0.2	2.0	
" 11	Length	13.50	0.50	1	14.90	1.10	
	Quantity	0.5	0.1		0.4	0.1	
" 12	Length	8.00			22.00		
	Quantity	0.5			0.8		
" 13	Length	10.50			4.75	14.75	1
	Quantity	0.5			0.4	0.8	
" 14	Length	14.80	1.20		9.70	16.80	1
	Quantity	0.5	0.2		0.6	0.7	
" 15	Length	11.20	3.80		20.00		
	Quantity	0.4	0.3		0.6		
" 16	Length	13.60	1.40		12.80	2.20	
	Quantity	0.4	0.2		0.4	0.1	
" 17	Length	13.00			17.00		
	Quantity	0.2			0.6		
" 18	Length	11.70	1.30		7.65	9.35	
	Quantity	0.2	0.2		0.3	0.3	
" 19	Length	11.90	2.20		14.05	1.85	
	Quantity	0.6	0.1		0.5	0.1	
" 20	Length	10.00			3.55	34.05	
	Quantity	0.1			0.2	0.9	
" 21	Length	15.00			19.00	6.00	
	Quantity	0.4			0.7	0.5	
" 22	Length	15.00			11.65	3.35	
	Quantity	0.4			0.4	0.1	
" 23	Length	10.50	9.50		7.50	2.50	
	Quantity	0.1	0.3		0.4	0.1	
" 24	Length	5.95	4.05		20.05	11.05	
	Quantity	0.1	0.2		0.9	0.2	
" 25	Length	14.00			11.50	4.50	
	Quantity	0.4			1.0	0.1	
" 26	Length	15.00			7.00	20.35	1
	Quantity	0.3			0.4	0.4	
" 27	Length	2.00	5.00		0.20	22.80	1
	Quantity	0.1	0.8		0.1	3.0	
" 28	Length	15.00			14.50	0.50	
	Quantity	0.3			0.8	0.1	
" 29	Length	6.00	2.50		5.20	25.30	
	Quantity	0.2	0.4		0.3	2.0	
" 30	Length	9.00	1.00		13.00	7.00	
	Quantity	0.5	0.1		0.7	0.5	

Hole No.	Bit Type	86 mm Metal	86 mm Bit	86 mm Reamer	66 mm Metal	66 mm Bit	66 mm Reamer
MJTY－31	Length	8.10	1.10	1		20.80	
	Quantity	0.2	0.1			2.0	
" 32	Length	2.80	3.90		23.30		
	Quantity	0.1	0.5		1.0		
" 33	Length	15.00			15.00		
	Quantity	0.3			0.4		
" 34	Length	15.00			15.00	5.00	
	Quantity	0.3			1.0	1.0	
" 35	Length	9.15			16.35	4.50	
	Quantity	0.5			0.6	0.9	
" 36	Length	15.00			4.10	27.20	
	Quantity	0.3			0.2	2.0	
" 37	Length	9.00			3.05	36.95	
	Quantity	0.2			0.2	4.0	
" 38	Length	8.45			15.65	5.35	
	Quantity	0.1			0.5	1.0	
" 39	Length	10.00			6.15	18.35	
	Quantity	0.5			0.1	2.0	
" 40	Length	10.00			23.85	4.85	1
	Quantity	0.5			0.9	1.0	
" 41	Length	3.00			3.65	23.35	1
	Quantity	0.2			0.2	2.0	
" 42	Length	10.00			11.70	11.30	
	Quantity	0.2			1.0	1.0	
" 43	Length	10.65			10.35	29.00	
	Quantity	0.5			0.4	2.0	
" 44	Length	10.00			15.10	4.90	
	Quantity	0.9			0.6	2.0	
" 45	Length	5.05	3.59			21.00	
	Quantity	0.6	1.0			4.0	
" 46	Length	1.25	8.75		4.75	15.25	
	Quantity	0.1	0.7		0.2	5.0	
" 47	Length	10.00			20.00		1
	Quantity	0.4			0.6		
" 48	Length	13.70	1.50		14.80		
	Quantity	0.6	0.3		0.4		
" 49	Length	10.00			16.50	3.50	
	Quantity	0.5			0.5	1.0	
" 50	Length	8.50	1.50		5.30	14.70	
	Quantity	0.5	0.3		0.2	1.0	
" 51	Length	8.50	1.50		9.40	15.60	
	Quantity	0.4	0.3		0.3	2.0	
" 52	Length	5.90	5.10		14.60	19.40	
	Quantity	0.2	0.7		1.0	1.0	
" 53	Length	8.30	1.70			25.00	
	Quantity	0.4	0.3			2.0	
" 54	Length	4.70	42.20			28.80	
	Quantity	0.3	1.0			5.0	
" 54－1	Length	4.70	10.30			10.80	1
	Quantity	0.4	0.5			1.0	
" 55	Length	5.00				70.30	
	Quantity	2.0				3.0	
" 55－1	Length	4.00	8.00	1			
	Quantity	0.3	0.5				
" 55－2	Length	3.00	10.50			20.00	
	Quantity	0.5	1.0			2.0	
" 55－3	Length	4.00				58.70	
	Quantity	0.5				2.0	
" 56	Length	5.55			14.45	17.00	
	Quantity	0.2			0.8	3.0	
Total	Length	564.35	177.80	5.0	557.30	800.10	10.0
	Quantity	21.0	12.0		24.0	71	

付表5　孔 別 掘 進 実 績 表

Drill hole No. MJTY-1

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.17, '89 ~ JAN.17, '89			0.25	0.08	-	0.75
	Drilling	JAN.17, '89 ~ JAN.18, '89			2.00	1.67	-	15.0
	Removing	JAN.19, '89 ~ JAN.19, '89			0.25	0.08	-	0.75
	Total	JAN.17, '89 ~ JAN.19, '89			2.50	1.83	-	16.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	6.10 m	Core Length	36.10 m	Depth m	Section %		Total %
	Length Drilled	36.10 m	Core Recovery	100 %	0~36.10	100		100
					-	-		-
Working Time	Drilling	15° 10′	38 %	34 %	Drilling Efficiency			
	Accompanying Works	24° 50′	62 %	57 %	36.10/2.5 — Total Length / Drilling Period			14.44 m/Day
	Repairing	-	- %	- %	36.10/1.83 — Total Length / Working Days			19.73 m/Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	-	4.5 %				
	Removing Moving	2° 00′	-	4.5 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	-	100 %	Drilled Length	15.00m	21.10m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	21.10m	m
	86mm : 15.00m	42 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-2

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.19, '89 ~ JAN.19, '89			0.25	0.08	-	0.75
	Drilling	JAN.19, '89 ~ JAN.20, '89			2.00	1.50	-	16.5
	Removing	JAN.21, '89 ~ JAN.21, '89			0.25	0.09	-	0.75
	Total	JAN.19, '89 ~ JAN.21, '89			2.50	1.67	-	18.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	10° 05′	28 %	21 %	Drilling Efficiency			
	Accompanying Works	25° 55′	72 %	54 %	30.00/2.5 — Total Length / Drilling Period			12.00 m/Day
	Repairing	-	- %	- %	30.00/1.67 — Total Length / Working Days			17.96 m/Day
	Total	36° 00′	100 %	75 %				
	Removing Prepation	2° 00′	-	4 %				
	Removing Moving	2° 00′	-	4 %	Deilled Length by Bit Size			
	Others	8° 00′	-	17%	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	-	1.00 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 10.00m	53 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-3

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.24, '89 ~ JAN.24, '89			0.50	0.16	–	1.5
	Drilling	JAN.24, '89 ~ JAN.25, '89			2.00	1.50	–	16.5
	Removing	JAN.26, '89 ~ JAN.26, '89			0.50	0.17	–	1.5
	Total	JAN.24, '89 ~ JAN.26, '89			3.00	1.83	–	19.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					–	–		–
Working Time	Drilling	7° 00′	19 %	13 %	Drilling Efficiency			
	Accompanying Works	29° 00′	81 %	56 %	30.00/3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	–	– %	– %	30.00/1.83 — Total Length / Working Days			16.39 m/Day
	Total	36° 00′	100 %	69 %				
	Removing Prepation	4° 00′	–	8 %				
	Removing Moving	4° 00′	–	8 %	Deilled Length by Bit Size			
	Others	8° 00′	–	15%	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	–	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY-4

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.23, '89 ~ JAN.23, '89			0.25	0.08	–	2.75
	Drilling	JAN.23, '89 ~ JAN.24, '89			2.00	1.84	–	16.5
	Removing	JAN.25, '89 ~ JAN.25, '89			0.75	0.25	–	8.25
	Total	JAN.23, '89 ~ JAN.25, '89			3.00	2.17	–	27.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30	100		100
					–	–		–
Working Time	Drilling	7° 55′	18 %	13 %	Drilling Efficiency			
	Accompanying Works	36° 05′	82 %	60 %	30.00/3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	–	– %	%	30.00/2.17 — Total Length / Working Days			13.82 m/Day
	Total	44° 00′	100 %	73 %				
	Removing Prepation	2° 00′	–	3 %				
	Removing Moving	6° 00′	–	10 %	Deilled Length by Bit Size			
	Others	8° 00′	–	14%	Bit Size	86mm	66mm	mm
	Grand Total	60° 00′	–	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY-5

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.21, '89 ~ JAN.21, '89			0.25	0.08	-	0.75
	Drilling	JAN.21, '89 ~ JAN.22, '89			2.00	1.83	-	16.5
	Removing	JAN.23, '89 ~ JAN.23, '89			0.25	0.09	-	0.75
	Total	JAN.21, '89 ~ JAN.23, '89			2.50	2.00	-	18.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	9° 30′	22 %	20 %	Drilling Efficiency			
	Accompanying Works	34° 30′	78 %	72 %	30.00/2.5 — Total Length / Drilling Period			12.00 m/Day
	Repairing	-	- %	- %	30.00/2.0 — Total Length / Working Days			15.00 m/Day
	Total	44° 00′	100 %	92 %				
	Removing Prepation	2° 00′	-	4 %				
	Removing Moving	2° 00′	-	4 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	-	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-6

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.20, '89 ~ JAN.20, '89			0.50	0.16	-	1.5
	Drilling	JAN.20, '89 ~ JAN.21, '89			2.00	1.50	-	16.5
	Removing	JAN.22, '89 ~ JAN.22, '89			0.50	0.17	-	1.5
	Total	JAN.20, '89 ~ JAN.22, '89			3.00	1.83	-	19.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	10° 20′	29 %	20 %	Drilling Efficiency			
	Accompanying Works	25° 40′	71 %	49 %	30.00/3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	-	- %	- %	30.00/1.83 — Total Length / Working Days			16.39 m/Day
	Total	36° 00′	100 %	69 %				
	Removing Prepation	4° 00′	-	8 %				
	Removing Moving	4° 00′	-	8 %	Deilled Length by Bit Size			
	Others	8° 00′	-	15	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	-	%	Drilled Length	12.60m	17.40m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	12.60m	17.40m	m
	86mm : 12.00m	40 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY－7

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.22, '89 ～ JAN.22, '89			0.25	0.08	－	0.75
	Drilling	JAN.22, '89 ～ JAN.23, '89			2.00	1.67	－	1.50
	Removing	JAN.24, '89 ～ AN.24, '89			0.25	0.08	－	0.75
	Total	AN.22, '89 ～ AN.24, '89			2.50	1.83	－	16.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～30.00	100		100
					－	－		－
Working Time	Drilling	8° 00′	20 %	18 %	Drilling Efficiency			
	Accompanying Works	32° 00′	80 %	73 %	30.00／2.5 — Total Length / Drilling Period			12.00 m／Day
	Repairing	－	－ %	－ %	30.00／1.83 — Total Length / Working Days			16.39 m／Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	－	4.5 %				
	Removing Moving	2° 00′	－	4.5 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	－	100 %	Drilled Length	15.20m	14.80m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.20m	14.80m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－8

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.27, '88 ～ DEC.27, '88			0.25	0.08	－	0.75
	Drilling	DEC.27, '88 ～ DEC.28, '88			2.00	1.83	－	16.50
	Removing	DEC.29, '88 ～ DEC.29, '88			1.25	0.42	－	3.75
	Total	DEC.27, '88 ～ DEC.27, '88			3.50	2.33	－	21.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	25.05 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	84 %	0～30.0	84		84
					－	－		－
Working Time	Drilling	9° 20′	21 %	17 %	Drilling Efficiency			
	Accompanying Works	34° 40′	79 %	62 %	30.00／3.50 — Total Length / Drilling Period			8.57 m／Day
	Repairing	－	%	%	30.00／2.33 — Total Length / Working Days			12.88 m／Day
	Total	44° 00′	100 %	79 %				
	Removing Prepation	2° 00′	－	3 %				
	Removing Moving	10° 00′	－	18 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	56° 00′	－	100 %	Drilled Length	9.00m	21.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	9.00m	16.05m	m
	86mm : 9.00m	30 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY−9

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.25, '88 ~ DEC.25, '88			0.25	0.08	−	0.75
	Drilling	DEC.25, '88 ~ DEC.26, '88			2.00	1.84	−	16.50
	Removing	DEC.27, '88 ~ DEC.27, '88			0.25	0.08	−	0.75
	Total	DEC.25, '88 ~ DEC.27, '88			2.50	2.00	−	18.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	2.00 m	Core Length	29.60 m	Depth m	Section %		Total %
	Length Drilled	32.00 m	Core Recovery	93 %	0~32.00	93		93
					−	−		−
Working Time	Drilling	10° 50′	25 %	23 %	Drilling Efficiency			
	Accompanying Works	33° 10′	75 %	69 %	32.00/2.50 — Total Length / Drilling Period			12.80 m/Day
	Repairing	−	− %	− %	32.00/2.00 — Total Length / Working Days			16.00 m/Day
	Total	44° 00′	100 %	92 %				
	Removing Prepation	2° 00′	−	4 %				
	Removing Moving	2° 00′	−	4 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	−	100 %	Drilled Length	16.00m	15.05m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	16.00m	14.55m	m
	86mm : 14.00m	44 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−10

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.21, '88 ~ DEC.22, '88			0.50	0.16	−	1.50
	Drilling	DEC.23, '88 ~ DEC.24, '88			2.00	2.00	−	18.00
	Removing	DEC.25, '88 ~ DEC.25, '88			2.00	0.67	−	18.00
	Total	DEC.21, '88 ~ DEC.25, '88			4.50	2.83	−	37.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	1.10 m	Core Length	29.80 m	Depth m	Section %		Total %
	Length Drilled	31.10 m	Core Recovery	96 %	0~31.10	96		96
					−	−		−
Working Time	Drilling	20° 20′	42 %	27 %	Drilling Efficiency			
	Accompanying Works	27° 40′	58 %	36 %	31.10/4.50 — Total Length / Drilling Period			6.91 m/Day
	Repairing	−	− %	− %	31.10/2.83 — Total Length / Working Days			10.99 m/Day
	Total	48° 00′	100 %	63 %				
	Removing Prepation	4° 00′	−	5 %				
	Removing Moving	16° 00′	−	21 %	Deilled Length by Bit Size			
	Others	8° 00′	−	11%	Bit Size	86mm	66mm	mm
	Grand Total	76° 00′	−	100 %	Drilled Length	15.00m	16.10m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	13.70m	16.10m	m
	86mm : 15.00m	49 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−11

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.21, '88 ~ DEC.22, '88			2.00	0.67	−	18
	Drilling	DEC.23, '88 ~ DEC.24, '88			2.00	2.00	−	18
	Removing	DEC.25, '88 ~ DEC.25, '88			1.00	0.33	−	3
	Total	DEC.21, '88 ~ DEC.25, '88			5.00	3.00	−	39
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	12° 55′	27 %	16 %	Drilling Efficiency			
	Accompanying Works	35° 05′	73 %	44 %	30.00/5.00 = Total Length / Drilling Period			6.00 m/Day
	Repairing	−	− %	− %	30.00/3.00 = Total Length / Working Days			10.00 m/Day
	Total	48° 00′	100 %	60 %				
	Removing Prepation	16° 00′	−	20 %				
	Removing Moving	8° 00′	−	10 %	Deilled Length by Bit Size			
	Others	8° 00′	−	10%	Bit Size	86mm	66mm	mm
	Grand Total	80° 00′	−	100 %	Drilled Length	14.00m	16.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	14.00m	16.00m	m
	86mm : 14.00m	47 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−12

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.25, '88 ~ DEC.25, '88			0.25	0.08	−	0.75
	Drilling	DEC.25, '88 ~ DEC.26 , '88			2.00	1.67	−	15.00
	Removing	DEC.27, '88 ~ DEC.27, '88			0.25	0.08	−	0.75
	Total	DEC.25, '88 ~ DEC.27, '88			2.50	1.83	−	16.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	9° 35′	24 %	22 %	Drilling Efficiency			
	Accompanying Works	30° 25′	76 %	69 %	30.00/2.50 = Total Length / Drilling Period			12.00 m/Day
	Repairing	−	− %	− %	30.00/1.83 = Total Length / Working Days			16.39 m/Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	−	4.5 %				
	Removing Moving	2° 00′	−	4.5 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	−	100 %	Drilled Length	8.00m	22.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	8.00m	22.00m	m
	86mm : 22.00m	73 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY－13

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.27, '88 ～ DEC.27, '88			0.25	0.08	－	0.75
	Drilling	DEC.27, '88 ～ DEC.28, '88			2.00	1.84	－	16.5
	Removing	DEC.29, '88 ～ DEC.29, '88			0.25	0.08	－	0.75
	Total	DEC.27, '88 ～ DEC.29, '88			2.50	2.00	－	18.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～30.00	100		100
					－	－		－
Working Time	Drilling	11° 50′	27 %	25 %	Drilling Efficiency			
	Accompanying Works	32° 10′	73 %	67 %	30.00／2.50 — Total Length / Drilling Period			12.00 m／Day
	Repairing	－	－ %	－ %	30.00／2.00 — Total Length / Working Days			15.00 m／Day
	Total	44° 00′	100 %	92 %				
	Removing Prepation	2° 00′	－	4 %				
	Removing Moving	2° 00′	－	4 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	－	100 %	Drilled Length	10.50m	19.50m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.50m	19.50m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－14

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.29, '88 ～ DEC.29, '88			0.50	0.17	－	1.5
	Drilling	DEC.29, '88 ～ JAN.4, '89			7.00	1.83	1.67	40.5
	Removing	JAN.5, '89 ～ JAN.5, '89			0.50	0.17	－	1.5
	Total	DEC.29, '88 ～ JAN.5, '89			8.00	2.17	1.67	43.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	12.50 m	Core Length	42.50 m	Depth m	Section %		Total %
	Length Drilled	42.50 m	Core Recovery	100 %	0～42.50	100		100
					－	－		－
Working Time	Drilling	18° 50′	43 %	21 %	Drilling Efficiency			
	Accompanying Works	25° 10′	57 %	27 %	42.50／8.00 — Total Length / Drilling Period			5.31 m／Day
	Repairing	－	－ %	－ %	42.50／3.84 — Total Length / Working Days			11.07 m／Day
	Total	44° 00′	100 %	48 %				
	Removing Prepation	4° 00′	－	4 %				
	Removing Moving	4° 00′	－	4 %	Deilled Length by Bit Size			
	Others	40° 00′	－	44%	Bit Size	86mm	66mm	mm
	Grand Total	92° 00′	－	100 %	Drilled Length	16.00m	26.50m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	16.00m	26.50m	m
	86mm : 26.00m	61 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－15

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.5, '89 ～ JAN.5, '89			0.50	0.17	－	3.0
	Drilling	JAN.5, '89 ～ JAN.5, '89			2.00	1.33	－	15.0
	Removing	JAN.7, '89 ～ JAN.7, '89			0.50	0.17	－	3.0
	Total	JAN.5, '89 ～ JAN.7, '89			3.00	1.67	－	21.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	5.00 m	Core Length	32.95 m	Depth m	Section %		Total %
	Length Drilled	35.00 m	Core Recovery	94 %	0～35.00	94		94
					－	－		－
Working Time	Drilling	8° 45′	27 %	18 %	Drilling Efficiency			
	Accompanying Works	23° 15′	73 %	48 %	35.00／3.00 — Total Length / Drilling Period			11.70 m／Day
	Repairing	－	－ %	－ %	35.00／1.67 — Total Length / Working Days			20.96 m／Day
	Total	32° 00′	100 %	66 %				
	Removing Prepation	4° 00′	－	8 %				
	Removing Moving	4° 00′	－	8 %	Deilled Length by Bit Size			
	Others	8° 00′	－	17%	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	－	100 %	Drilled Length	15.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	17.95m	m
	86mm : 15.00m	43 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－16

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.7, '89 ～ JAN.7, '89			0.25	0.08	－	0.75
	Drilling	JAN.7, '89 ～ JAN.10, '89			4.00	1.84	－	22.50
	Removing	JAN.10, '89 ～ JAN.10, '89			0.25	0.08	－	0.75
	Total	JAN.7, '89 ～ JAN.10, '89			4.50	2.00	－	24.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～30.00	100		100
					－	－		－
Working Time	Drilling	10° 30′	24 %	17 %	Drilling Efficiency			
	Accompanying Works	33° 30′	76 %	52.3 %	30.00／4.50 — Total Length / Drilling Period			6.67 m／Day
	Repairing	－	－ %	－ %	30.00／2.00 — Total Length / Working Days			15.00 m／Day
	Total	44° 00′	100 %	69 %				
	Removing Prepation	2° 00′	－	3 %				
	Removing Moving	2° 00′	－	3 %	Deilled Length by Bit Size			
	Others	16° 00′	－	25%	Bit Size	86mm	66mm	mm
	Grand Total	64° 00′	－	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－17

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.12, '89 ～ JAN.12, '89			0.25	0.08	－	0.75
	Drilling	JAN.12, '89 ～ JAN.14, '89			2.50	1.84	－	16.50
	Removing	JAN.14, '89 ～ JAN.14, '89			0.25	0.08	－	0.75
	Total	JAN.12, '89 ～ JAN.14, '89			3.00	2.00	－	18.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～30.00	100		100
					－	－		－
Working Time	Drilling	11° 00′	25 %	23 %	Drilling Efficiency			
	Accompanying Works	33° 00′	75 %	69 %	30.00／3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	－	－ %	－ %	30.00／2.00 — Total Length / Working Days			15.00 m/Day
	Total	44° 00′	100 %	92 %				
	Removing Prepation	2° 00′	－	4 %				
	Removing Moving	20° 00′	－	4 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	－	100 %	Drilled Length	13.00m	17.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	13.00m	17.00m	m
	86mm : 13.00m	43 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－18

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.10, '89 ～ JAN.10, '89			0.50	0.17	－	1.5
	Drilling	JAN.10, '89 ～ JAN.11, '89			2.00	1.33	－	15.0
	Removing	JAN.12, '89 ～ JAN.12, '89			0.50	0.17	－	1.5
	Total	JAN.10, '89 ～ JAN.12, '89			3.00	1.67	－	18.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～30.00	100		100
					－	－		－
Working Time	Drilling	10° 40′	33 %	22 %	Drilling Efficiency			
	Accompanying Works	21° 20′	67 %	45 %	30.00／3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	－	－ %	－ %	30.00／1.67 — Total Length / Working Days			17.96 m/Day
	Total	32° 00′	100 %	67 %				
	Removing Prepation	4° 00′	－	8 %				
	Removing Moving	4° 00′	－	8 %	Deilled Length by Bit Size			
	Others	8° 00′	－	17%	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	－	100 %	Drilled Length	13.00m	17.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	13.00m	17.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY−19

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	DEC.29, '88 ~ DEC.29, '88			0.50	0.16	−	4.50
	Drilling	DEC.29, '88 ~ JAN.4, '89			7.00	1.50	1.67 maintenance	37.50
	Removing	JAN.5, '89 ~ JAN.5, '89			0.50	0.17	−	4.50
	Total	DEC.29, '89 ~ JAN.5, '89			8.00	1.83	1.67	46.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	27.80 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	93 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	7° 15′	20 %	8 %	Drilling Efficiency			
	Accompanying Works	28° 45′	80 %	31 %	30.00/8.00 = Total Length / Drilling Period			3.75 m/Day
	Repairing	−	− %	− %	30.00/3.50 = Total Length / Working Days			8.57 m/Day
	Total	36° 00′	100 %	39 %				
	Removing Prepation	4° 00′	−	4.5 %				
	Removing Moving	4° 00′	−	4.5 %	Deilled Length by Bit Size			
	Others	48° 00′	−	52%	Bit Size	86mm	66mm	mm
	Grand Total	92° 00′	−	100 %	Drilled Length	14.10m	15.90m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	13.95m	13.85m	m
	86mm : 14.00m	47 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−20

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.6, '89 ~ JAN.6, '89			1.00	0.33	−	12.0
	Drilling	JAN.7, '89 ~ JAN.9, '89			3.00	2.34	−	15.0
	Removing	JAN.10, '89 ~ JAN.10, '89			1.00	0.33	−	12.0
	Total	JAN.6, '89 ~ JAN.10, '89			5.00	3.00	−	39.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	17.60 m	Core Length	46.00 m	Depth m	Section %		Total %
	Length Drilled	47.60 m	Core Recovery	97 %	0~47.60	100		100
					−	−		−
Working Time	Drilling	16° 20′	29 %	19 %	Drilling Efficiency			
	Accompanying Works	39° 40′	71 %	45 %	47.60/5.00 = Total Length / Drilling Period			9.52 m/Day
	Repairing	−	− %	− %	47.60/3.00 = Total Length / Working Days			15.87 m/Day
	Total	56° 00′	100 %	64 %				
	Removing Prepation	8° 00′	−	9 %				
	Removing Moving	8° 00′	−	9 %	Deilled Length by Bit Size			
	Others	16° 00′	−	18%	Bit Size	86mm	66mm	mm
	Grand Total	88° 00′	−	100 %	Drilled Length	10.00m	37.60m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	36.00m	m
	86mm : 10.00m	21 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY－21

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.16, '89 ～ JAN.16, '89			0.25	0.08	－	2.25
	Drilling	JAN.16, '89 ～ JAN.17, '89			2.00	1.84	－	16.50
	Removing	JAN.18, '89 ～ JAN.18, '89			0.25	0.08	－	2.25
	Total	JAN.16, '89 ～ JAN.18, '89			2.50	2.00	－	21.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	10.0 m	Core Length	40.00 m	Depth m	Section %		Total %
	Length Drilled	40.00 m	Core Recovery	100 %	0～40.00	100		100
					－	－		－
Working Time	Drilling	12° 45′	29 %	23 %	Drilling Efficiency			
	Accompanying Works	31° 15′	71 %	56 %	40.00／2.50 — Total Length / Drilling Period			16.00 m／Day
	Repairing	－	－ %	－ %	40.00／2.00 — Total Length / Working Days			20.00 m／Day
	Total	44° 00′	100 %	79 %				
	Removing Prepation	2° 00′	－	3.5 %				
	Removing Moving	2° 00′	－	3.5 %	Deilled Length by Bit Size			
	Others	8° 00′	－	14%	Bit Size	86mm	66mm	mm
	Grand Total	56° 00′	－	100 %	Drilled Length	15.00m	25.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	25.00m	m
	86mm : 16.00m	45 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－22

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.14, '89 ～ JAN.14, '89			0.25	0.08	－	0.75
	Drilling	JAN.14, '89 ～ JAN.15, '89			2.00	1.67	－	15.00
	Removing	JAN.16, '89 ～ JAN.16, '89			0.25	0.08	－	0.75
	Total	JAN.14, '89 ～ JAN.16, '89			2.50	1.83	－	16.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～300			
					－	－		－
Working Time	Drilling	7° 30′	19 %	17 %	Drilling Efficiency			
	Accompanying Works	32° 30′	81 %	74 %	30.00／2.50 — Total Length / Drilling Period			12.00 m／Day
	Repairing	－	－ %	－ %	30.00／1.83 — Total Length / Working Days			16.39 m／Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	－	4.5 %				
	Removing Moving	2° 00′	－	4.5 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	－	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY-23

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.10, '89 ~ JAN.10, '89			0.25	0.08	–	0.75
	Drilling	JAN.10, '89 ~ JAN.11, '89			2.00	1.67	–	15.00
	Removing	JAN.12, '89 ~ JAN.12, '89			0.25	0.08	–	0.75
	Total	JAN.10, '89 ~ JAN.12, '89			2.50	1.83	–	16.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	26.15 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	87 %	0~30.00	87		87
					–	–		–
Working Time	Drilling	9° 20′	23 %	21 %	Drilling Efficiency			
	Accompanying Works	30° 40′	77 %	70 %	30.00/2.50 — Total Length / Drilling Period			12.00 m/Day
	Repairing	–	– %	– %	30.00/1.83 — Total Length / Working Days			16.39 m/Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	–	4.5 %				
	Removing Moving	2° 00′	–	4.5 %	Deilled Length by Bit Size			
	Others	–	–		Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	–	100 %	Drilled Length	20.00m	10.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	16.15m	10.00m	m
	86mm : 20.00m	67 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY-24

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.14, '89 ~ JAN.14, '89			0.50	0.16	–	1.5
	Drilling	JAN.14, '89 ~ JAN.16, '89			3.00	2.67	–	24.0
	Removing	JAN.17, '89 ~ JAN.17, '89			0.50	0.17	–	1.5
	Total	JAN.14, '89 ~ JAN.17, '89			4.00	3.00	–	27.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	11.10 m	Core Length	40.30 m	Depth m	Section %		Total %
	Length Drilled	41.10 m	Core Recovery	98 %	0~41.10	98		98
					–	–		–
Working Time	Drilling	16° 50′	26 %	23 %	Drilling Efficiency			
	Accompanying Works	47° 10′	74 %	66 %	41.10/4.00 — Total Length / Drilling Period			10.27 m/Day
	Repairing	–	– %	– %	41.10/3.00 — Total Length / Working Days			13.27 m/Day
	Total	64° 00′	100 %	89 %				
	Removing Prepation	4° 00′	–	5.5 %				
	Removing Moving	4° 00′	–	5.5 %	Deilled Length by Bit Size			
	Others	–	–	–	Bit Size	86mm	66mm	mm
	Grand Total	72° 00′	–	100 %	Drilled Length	10.00m	31.10m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	30.30m	m
	86mm : 10.00m	24 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY--25

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.18, '89 ~ JAN.18, '89			0.25	0.08	–	0.75
	Drilling	JAN.18, '89 ~ JAN.19, '89			2.00	1.50	–	13.50
	Removing	JAN.20, '89 ~ JAN.20, '89			0.25	0.09	–	0.75
	Total	JAN.18, '89 ~ JAN.20, '89			2.50	1.67	–	15.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					–	–		–
Working Time	Drilling	10° 20′	29 %	26 %	Drilling Efficiency			
	Accompanying Works	25° 40′	71 %	64 %	30.00/2.50 — Total Length / Drilling Period			12.00 m/Day
	Repairing	–	– %	– %	30.00/1.67 — Total Length / Working Days			17.96 m/Day
	Total	36° 00′	100 %	90 %				
	Removing Prepation	2° 00′	–	5 %				
	Removing Moving	2° 00′	–	5 %	Deilled Length by Bit Size			
	Others	–	–	–	Bit Size	86mm	66mm	mm
	Grand Total	40° 00′	–	100 %	Drilled Length	14.00m	16.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	14.00m	16.00m	m
	86mm : 14.00m	47 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY-26

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.12, '89 ~ JAN.12, '89			0.50	0.17	–	1.50
	Drilling	JAN.12, '89 ~ JAN.13, '89			2.00	1.83	–	16.00
	Removing	JAN.14, '89 ~ JAN.14, '89			0.50	0.17	–	1.50
	Total	JAN.12, '89 ~ JAN.14, '89			3.00	2.17	–	19.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	12.35 m	Core Length	42.05 m	Depth m	Section %		Total %
	Length Drilled	42.35 m	Core Recovery	99 %	0~42.35	99		99
					–	–		–
Working Time	Drilling	19° 50′	45 %	38 %	Drilling Efficiency			
	Accompanying Works	24° 10′	55 %	46 %	42.35/3.00 — Total Length / Drilling Period			14.17 m/Day
	Repairing	–	– %	– %	42.35/2.17 — Total Length / Working Days			19.52 m/Day
	Total	44° 00′	100 %	84 %				
	Removing Prepation	4° 00′	–	8 %				
	Removing Moving	4° 00′	–	8 %	Deilled Length by Bit Size			
	Others	–	–	–	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	–	100 %	Drilled Length	15.00m	27.35m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	27.05m	m
	86mm : 15.00m	35 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY－27

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.28, '89 ～ JAN.28, '89			0.50	0.17	－	1.5
	Drilling	JAN.28, '89 ～ JAN.29, '89			2.00	1.83	－	16.5
	Removing	JAN.30, '89 ～ JAN.30, '89			0.50	0.17	－	1.5
	Total	JAN.28, '89 ～ JAN.30, '89			3.00	2.17	－	19.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～30.00	100		100
					－	－		－
Working Time	Drilling	16° 05′	37 %	31 %	Drilling Efficiency			
	Accompanying Works	27° 55′	63 %	54 %	30.00／3.00 — Total Length / Drilling Period			10.00 m／Day
	Repairing	－	－ %	－ %	30.00／2.17 — Total Length / Working Days			13.82 m／Day
	Total	44° 00′	100 %	85 %				
	Removing Prepation	4° 00′	－	7.5 %				
	Removing Moving	4° 00′	－	7.5 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	－	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－28

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.26, '89 ～ JAN.26, '89			0.25	0.08	－	0.75
	Drilling	JAN.26, '89 ～ JAN.27, '89			2.00	2.00	－	28.0
	Removing	JAN.28, '89 ～ JAN.28, '89			0.25	0.09	－	0.75
	Total	JAN.26, '89 ～ JAN.28, '89			2.50	2.17	－	29.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0～30.00	100		100
					－	－		－
Working Time	Drilling	9° 10′	19 %	17 %	Drilling Efficiency			
	Accompanying Works	38° 50′	81 %	75 %	30.00／2.50 — Total Length / Drilling Period			12.00 m／Day
	Repairing	－	－ %	－ %	30.00／2.17 — Total Length / Working Days			13.82 m／Day
	Total	48° 00′	100 %	92 %				
	Removing Prepation	2° 00′	－	4 %				
	Removing Moving	2° 00′	－	4 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	－	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY−29

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.3, '89 ~ FEB.3, '89			0.50	0.17	−	1.5
	Drilling	FEB.3, '89 ~ FEB.4, '89			2.00	1.83	−	16.5
	Removing	FEB.5, '89 ~ FEB.5, '89			0.50	0.17	−	1.5
	Total	FEB.3, '89 ~ FEB.5, '89			2.50	2.17	−	19.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	9.00 m	Core Length	38.50 m	Depth m	Section %		Total %
	Length Drilled	39.00 m	Core Recovery	99 %	0~39.00	99		99
					−	−		−
Working Time	Drilling	16° 40′	38 %	32 %	Drilling Efficiency			
	Accompanying Works	27° 20′	62 %	52 %	39.00/3.00 — Total Length / Drilling Period			13.00 m/Day
	Repairing	−	− %	− %	39.00/2.17 — Total Length / Working Days			17.97 m/Day
	Total	44° 00′	100 %	84 %				
	Removing Prepation	4° 00′	−	8 %				
	Removing Moving	4° 00′	−	8 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	−	100 %	Drilled Length	8.50m	30.50m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	8.50m	30.00m	m
	86mm : 9.00m	23 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−30

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.1, '89 ~ FEB.1, '89			0.25	0.08	−	0.75
	Drilling	FEB.1, '89 ~ FEB.2, '89			2.00	1.67	−	15.00
	Removing	FEB.3, '89 ~ FEB.3, '89			0.25	0.08	−	0.75
	Total	FEB.1, '89 ~ FEB.3, '89			2.50	1.83	−	16.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	10° 30′	26 %	24 %	Drilling Efficiency			
	Accompanying Works	29° 30′	74 %	67 %	30.00/2.50 — Total Length / Drilling Period			12.00 m/Day
	Repairing	−	− %	− %	30.00/1.83 — Total Length / Working Days			16.39 m/Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	−	4.5 %				
	Removing Moving	2° 00′	−	4.5 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	−	100 %	Drilled Length	10.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	20.00m	m
	86mm : 10.00m	33 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY-31

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.5, '89 ~ FEB.5, '89			0.5	0.16	–	8.0
	Drilling	FEB.5, '89 ~ FEB.6, '89			2.00	1.67	–	15.0
	Removing	FEB.7, '89 ~ FEB.8, '89			1.50	0.50	–	24.0
	Total	FEB.5, '89 ~ FEB.8, '89			4.00	2.33	–	47.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					–	–		–
Working Time	Drilling	17° 20′	43 %	31 %	Drilling Efficiency			
	Accompanying Works	22° 40′	57 %	41 %	30.00/4.00 — Total Length / Drilling Period			7.50 m/Day
	Repairing	–	– %	– %	30.00/2.33 — Total Length / Working Days			12.88 m/Day
	Total	40° 00′	100 %	72 %				
	Removing Prepation	4° 00′	–	7 %				
	Removing Moving	12° 00′	–	21 %	Deilled Length by Bit Size			
	Others	–	–	–	Bit Size	86mm	66mm	mm
	Grand Total	56° 00′	–	100 %	Drilled Length	9.20m	20.80m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	9.20m	20.80m	m
	86mm : 9.00m	30 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY-32

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.30, '89 ~ JAN.30, '89			0.50	0.16	–	1.5
	Drilling	JAN.30, '89 ~ JAN.31, '89			2.00	1.67	–	15.0
	Removing	FEB.1, '89 ~ FEB.1, '89			0.50	0.17	–	1.5
	Total	JAN.30, '89 ~ FEB.1, '89			3.00	2.00	–	18.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					–	–		–
Working Time	Drilling	9° 45′	24 %	20 %	Drilling Efficiency			
	Accompanying Works	30° 15′	76 %	63 %	30.00/3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	–	– %	– %	30.00/2.00 — Total Length / Working Days			15.00 m/Day
	Total	40° 00′	100 %	83 %				
	Removing Prepation	4° 00′	–	8.5 %				
	Removing Moving	4° 00′	–	8.5 %	Deilled Length by Bit Size			
	Others	–	–	–	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	–	100 %	Drilled Length	6.70m	23.30m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	6.70m	23.30m	m
	86mm : 9.00m	30 %		100 %	Remarks			
		%		%				
	–	–		–				

Drill hole No. MJTY−33

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.26, '89 ~ JAN.26, '89			0.50	0.16	−	1.5
	Drilling	JAN.26, '89 ~ JAN.27, '89			2.00	1.67	−	15.0
	Removing	JAN.28, '89 ~ JAN.28, '89			0.50	0.17	−	1.5
	Total	JAN.26, '89 ~ JAN.28, '89			3.00	2.00	−	18.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	7° 45′	19 %	16 %	Drilling Efficiency			
	Accompanying Works	32° 15′	81 %	67 %	30.00/3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	−	− %	− %	30.00/2.00 — Total Length / Working Days			15.00 m/Day
	Total	40° 00′	100 %	83 %				
	Removing: Prepation	4° 00′	−	8.5 %				
	Removing: Moving	4° 00′	−	8.5 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	−	100 %	Drilled Length	15.00m	15.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	15.00m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−34

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.28, '89 ~ JAN.28, '89			0.50	0.16	−	1.5
	Drilling	JAN.28, '89 ~ JAN.29, '89			2.00	1.67	−	15.0
	Removing	JAN.30, '89 ~ JAN.30, '89			0.50	0.17	−	1.5
	Total	JAN.28, '89 ~ JAN.30, '89			3.00	2.00	−	18.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	5 m	Core Length	35.00 m	Depth m	Section %		Total %
	Length Drilled	35.00 m	Core Recovery	100 %	0~35.00	100		100
					−	−		−
Working Time	Drilling	10° 50′	27 %	23 %	Drilling Efficiency			
	Accompanying Works	29° 10′	73 %	61 %	35.00/3.00 — Total Length / Drilling Period			11.67 m/Day
	Repairing	−	− %	− %	35.00/2.00 — Total Length / Working Days			17.50 m/Day
	Total	40° 00′	100 %	84 %				
	Removing: Prepation	4° 00′	−	8 %				
	Removing: Moving	4° 00′	−	8 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	−	100 %	Drilled Length	15.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	20.00m	m
	86mm : 15.00m	43 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY-35

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.12, '89 ~ FEB.12, '89			0.50	0.16	-	1.5
	Drilling	FEB.12, '89 ~ FEB.13, '89			2.00	1.67	-	15.0
	Removing	FEB.14, '89 ~ FEB.14, '89			0.50	0.17	-	1.5
	Total	FEB.12, '89 ~ FEB.14, '89			3.00	2.00	-	18.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each msection			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	8° 10′	20 %	17 %	Drilling Efficiency			
	Accompanying Works	31° 50′	80 %	67 %	30.00/3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	-	- %	- %	30.00/2.00 — Total Length / Working Days			15.00 m/Day
	Total	40° 00′	100 %	84 %				
	Removing Prepation	4° 00′	-	8 %				
	Removing Moving	4° 00′	-	8 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	-	100 %	Drilled Length	9.15m	20.85m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	9.15m	20.85m	m
	86mm : 9.00m	30 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-36

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.4, '89 ~ FEB.4, '89			0.50	0.17	-	7.0
	Drilling	FEB.4, '89 ~ FEB.5, '89			2.00	1.83	-	16.5
	Removing	FEB.6, '89 ~ FEB.7, '89			1.50	0.50	-	21.0
	Total	FEB.4, '89 ~ FEB.7, '89			4.00	2.50	-	44.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	16.30 m	Core Length	43.35 m	Depth m	Section %		Total %
	Length Drilled	46.30 m	Core Recovery	94 %	0~46.30	94		94
					-	-		-
Working Time	Drilling	13° 00′	30 %	22 %	Drilling Efficiency			
	Accompanying Works	31° 00′	70 %	52 %	46.30/4.00 — Total Length / Drilling Period			11.58 m/Day
	Repairing	-	- %	- %	46.30/2.50 — Total Length / Working Days			18.52 m/Day
	Total	44° 00′	100 %	73 %				
	Removing Prepation	4° 00′	-	7 %				
	Removing Moving	12° 00′	-	20 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	60° 00′	-	100 %	Drilled Length	15.00m	31.30m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	28.35m	m
	86mm : 15.00m	32 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY−37

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.1, '89 ~ FEB.1, '89			0.25	0.08	−	0.75
	Drilling	FEB.1, '89 ~ FEB.3, '89			3.00	2.50	−	25.5
	Removing	FEB.4, '89 ~ FEB.4, '89			0.25	0.09	−	0.75
	Total	FEB.1, '89 ~ FEB.4, '89			3.50	2.67	−	27.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	19.00 m	Core Length	48.15 m	Depth m	Section %		Total %
	Length Drilled	49.00 m	Core Recovery	98 %	0~49.00	98		98
					−	−		−
Working Time	Drilling	16° 50′	28 %	23 %	Drilling Efficiency			
	Accompanying Works	43° 10′	72 %	60 %	49.00/3.50 = Total Length / Drilling Period			14.00 m/Day
	Repairing	−	− %	− %	49.00/2.67 = Total Length / Working Days			18.35 m/Day
	Total	60° 00′	100 %	83 %				
	Removing Prepation	2° 00′	−	3 %				
	Removing Moving	2° 00′	−	3 %	Deilled Length by Bit Size			
	Others	8° 00′	−	11%	Bit Size	86mm	66mm	mm
	Grand Total	72° 00′	−	100 %	Drilled Length	9.00m	40.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	9.00m	39.15m	m
	86mm : 18.00m	37 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−38

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	JAN.30, '89 ~ JAN.30, '89			0.25	0.08	−	0.75
	Drilling	JAN.30, '89 ~ JAN.31, '89			2.00	1.67	−	15.00
	Removing	FEB.1, '89 ~ FEB.1, '89			0.25	0.08	−	0.75
	Total	JAN.30, '89 ~ FEB.1, '89			2.50	1.83	−	16.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	9° 20′	23 %	21 %	Drilling Efficiency			
	Accompanying Works	30° 40′	77 %	70 %	30.00/2.50 = Total Length / Drilling Period			12.00 m/Day
	Repairing	−	− %	− %	30.00/1.83 = Total Length / Working Days			16.39 m/Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	−	4.5 %				
	Removing Moving	2° 00′	−	4.5 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	−	100 %	Drilled Length	9.00m	23.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	9.00m	23.00m	m
	86mm : 9.00m	28 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY－39

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.10, '89 ～ FEB.10, '89			0.50	0.17	－	1.50
	Drilling	FEB.10, '89 ～ FEB.11, '89			2.00	1.83	－	16.50
	Removing	FEB.12, '89 ～ FEB.12, '89			0.50	0.17	－	1.50
	Total	FEB.10, '89 ～ FEB.12, '89			3.00	2.17	－	19.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	4.50 m	Core Length	32.80 m	Depth m	Section %		Total %
	Length Drilled	34.50 m	Core Recovery	95 %	0～34.50	95		95
					－	－		－
Working Time	Drilling	13° 30′	31 %	30 %	Drilling Efficiency			
	Accompanying Works	30° 30′	69 %	59 %	34.50／3.00 — Total Length / Drilling Period			11.50 m／Day
	Repairing	－	－ %	－ %	34.50／2.17 — Total Length / Working Days			15.90 m／Day
	Total		100 %	89 %				
	Removing Prepation	4° 00′	－	5.5 %				
	Removing Moving	4° 00′	－	5.5 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	－	100 %	Drilled Length	10.00m	24.50m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	9.50m	23.30m	m
	86mm : 10.00m	29 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－40

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.8, '89 ～ FEB.8, '89			0.25	0.08	－	0.75
	Drilling	FEB.8, '89 ～ FEB.9, '89			2.00	2.00	－	18.00
	Removing	FEB.10, '89 ～ FEB.10, '89			0.25	0.09	－	0.75
	Total	FEB.8, '89 ～ FEB.10, '89			2.50	2.17	－	19.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	8.70 m	Core Length	36.80 m	Depth m	Section %		Total %
	Length Drilled	38.70 m	Core Recovery	95 %	0～38.70	95		95
					－	－		－
Working Time	Drilling	9° 00′	19 %	16 %	Drilling Efficiency			
	Accompanying Works	39° 00′	81 %	70 %	38.70／3.00 — Total Length / Drilling Period			12.90 m／Day
	Repairing	－	－ %	－ %	38.70／2.17 — Total Length / Working Days			17.83 m／Day
	Total	48° 00′	100 %	86 %				
	Removing Prepation	2° 00′	－	7 %				
	Removing Moving	2° 00′	－	7 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	－	100 %	Drilled Length	10.00m	28.70m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	26.80m	m
	86mm : 10.00m	26 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY-41

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.19, '89 ~ FEB.19, '89			0.25	0.08	-	0.75
	Drilling	FEB.19, '89 ~ FEB.20, '89			2.00	1.67	-	15.00
	Removing	FEB.21, '89 ~ FEB.21, '89			0.25	0.08	-	0.75
	Total	FEB.19, '89 ~ FEB.21, '89			2.50	1.83	-	16.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	10° 50′	27 %	25 %	Drilling Efficiency			
	Accompanying Works	29° 10′	73 %	66 %	30.00/2.50 — Total Length / Drilling Period			12.00 m/Day
	Repairing	-	- %	- %	30.00/1.83 — Total Length / Working Days			16.39 m/Day
	Total	40° 00′	100 %	91 %				
	Removing Prepation	2° 00′	-	4.5 %				
	Removing Moving	2° 00′	-	4.5 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	44° 00′	-	100 %	Drilled Length	3.00m	27.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	3.00m	27.00m	m
	86mm : 3.00m	10 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-42

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.17, '89 ~ FEB.17, '89			0.50	0.17	-	0.75
	Drilling	FEB.17, '89 ~ FEB.18, '89			2.00	1.83	-	16.50
	Removing	FEB.19, '89 ~ FEB.19, '89			0.50	0.17	-	0.75
	Total	FEB.17, '89 ~ FEB.19, '89			3.00	2.17	-	19.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	3.00 m	Core Length	33.00 m	Depth m	Section %		Total %
	Length Drilled	33.00 m	Core Recovery	100 %	0~33.00	100		100
					-	-		-
Working Time	Drilling	13° 10′	30 %	25 %	Drilling Efficiency			
	Accompanying Works	30° 50′	70 %	59 %	33.00/3.00 — Total Length / Drilling Period			11.00 m/Day
	Repairing	-	- %	- %	33.00/2.17 — Total Length / Working Days			15.21 m/Day
	Total	44° 00′	100 %	84 %				
	Removing Prepation	4° 00′	-	8 %				
	Removing Moving	4° 00′	-	8 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	-	100 %	Drilled Length	10.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	20.00m	m
	86mm : 10.00m	30 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-43

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.14, '89 ~ FEB.14, '89			0.25	0.08	-	0.75
	Drilling	FEB.14, '89 ~ FEB.16, '89			3.00	2.67	-	24.00
	Removing	FEB.17, '89 ~ FEB.17, '89			0.25	0.08	-	0.75
	Total	FEB.14, '89 ~ FEB.17, '89			3.50	2.83	-	25.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	20.00 m	Core Length	50.00 m	Depth m	Section %		Total %
	Length Drilled	50.00 m	Core Recovery	100 %	0~50.00	100		100
					-	-		-
Working Time	Drilling	22° 30′	35 %	33 %	Drilling Efficiency			
	Accompanying Works	41° 30′	65 %	61 %	50.00/3.50 — Total Length / Drilling Period			14.28 m/Day
	Repairing	-	- %	- %	50.00/2.83 — Total Length / Working Days			17.67 m/Day
	Total	64° 00′	100 %	94 %				
	Removing Prepation	2° 00′	-	3 %				
	Removing Moving	2° 00′	-	3 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	68° 00′	-	100 %	Drilled Length	10.65m	39.35m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.65m	39.35m	m
	86mm : 10.00m	20 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-44

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.25, '89 ~ FEB.25, '89			0.50	0.08	-	1.5
	Drilling	FEB.25, '89 ~ FEB.26, '89			2.00	4.00	-	15.0
	Removing	FEB.27, '89 ~ MAR.7, '89			8.50	0.42	-	66.0
	Total	FEB.25, '89 ~ MAR.7, '89			11.00	4.50	-	82.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	12° 50′	13 %	11 %	Drilling Efficiency			
	Accompanying Works	83° 10′	87 %	72 %	30.00/11.00 — Total Length / Drilling Period			2.73 m/Day
	Repairing	-	- %	- %	30.00/4.50 — Total Length / Working Days			6.67 m/Day
	Total	96° 00′	100 %	83 %				
	Removing Prepation	2° 00′	-	2 %				
	Removing Moving	10° 00′	-	8 %	Deilled Length by Bit Size			
	Others	8° 00′	-	7%	Bit Size	86mm	66mm	mm
	Grand Total	116° 00′	-	100 %	Drilled Length	10.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	20.00m	m
	86mm10 : .00m	33 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY−45

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.21, '89 ~ FEB.21, '89			0.25	0.08	−	0.75
	Drilling	FEB.21, '89 ~ FEB.22, '89			2.00	1.83	−	16.50
	Removing	FEB.23, '89 ~ FEB.23, '89			0.25	0.09	−	0.75
	Total	FEB.21, '89 ~ FEB.23, '89			2.50	2.00	−	18.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	23° 40′	54 %	49 %	Drilling Efficiency			
	Accompanying Works	20° 20′	46 %	43 %	30.00/2.50 — Total Length / Drilling Period			12.00 m/Day
	Repairing	−	− %	− %	30.00/2.00 — Total Length / Working Days			15.00 m/Day
	Total	44° 00′	100 %	92 %				
	Removing Prepation	2° 00′	−	4 %				
	Removing Moving	2° 00′	−	4 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	−	100 %	Drilled Length	9.00m	21.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	9.00m	21.00m	m
	86mm : 9.00m	30 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−46

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.23, '89 ~ FEB.23, '89			0.50	0.17	−	1.50
	Drilling	FEB.23, '89 ~ FEB.24, '89			2.00	1.83	−	16.50
	Removing	FEB.25, '89 ~ FEB.25, '89			0.50	0.17	−	1.50
	Total	FEB.23, '89 ~ FEB.25, '89			3.00	2.17	−	19.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	18° 50′	43 %	36 %	Drilling Efficiency			
	Accompanying Works	25° 10′	57 %	48 %	30.00/3.00 — Total Length / Drilling Period			10.00 m/Day
	Repairing	−	− %	− %	30.00/2.17 — Total Length / Working Days			13.82 m/Day
	Total	44° 00′	100 %	84 %				
	Removing Prepation	4° ′	−	8 %				
	Removing Moving	4° 00′	−	8 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	−	100 %	Drilled Length	10.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	20.00m	m
	86mm : 16.00m	53 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−47

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.11, '89 ~ FEB.11, '89			0.25	0.08	−	0.75
	Drilling	FEB.11, '89 ~ FEB.12, '89			2.00	1.83	−	16.50
	Removing	FEB.13, '89 ~ FEB.13, '89			0.25	0.09	−	0.75
	Total	FEB.11, '89 ~ FEB.13, '89			2.50	2.00	−	18.00
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	9° 30′	22 %	20 %	Drilling Efficiency			
	Accompanying Works	34° 30′	76 %	72 %	30.00/2.50 — Total Length / Drilling Period			12.00 m/Day
	Repairing	−	− %	− %	30.00/2.00 — Total Length / Working Days			15.00 m/Day
	Total	44° 00′	100 %	92 %				
	Removing Prepation	2° 00′	−	4 %				
	Removing Moving	2° 00′	−	4 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	−	100 %	Drilled Length	10.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	20.00m	m
	86mm : 10.00m	30 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY−48

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.9, '89 ~ FEB.9, '89			0.25	0.08	−	0.75
	Drilling	FEB.9, '89 ~ FEB.10, '89			2.00	1.67	−	18.00
	Removing	FEB.11, '89 ~ FEB.11, '89			0.25	0.08	−	0.75
	Total	FEB.9, '89 ~ FEB.11, '89			2.50	1.83	−	19.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					−	−		−
Working Time	Drilling	9° 00′	23 %	17 %	Drilling Efficiency			
	Accompanying Works	31° 00′	77 %	60 %	30.00/2.50 — Total Length / Drilling Period			12.00 m/Day
	Repairing	−	− %	− %	30.00/1.83 — Total Length / Working Days			16.39 m/Day
	Total	40° 00′	100 %	77 %				
	Removing Prepation	2° 00′	−	4 %				
	Removing Moving	2° 00′	−	4 %	Deilled Length by Bit Size			
	Others	8° 00′	−	19%	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	−	100 %	Drilled Length	15.20m	14.80m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.20m	14.80m	m
	86mm : 15.00m	50 %		100 %	Remarks			
		%		%				
	−	−		−				

Drill hole No. MJTY-49

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.15, '89 ~ FEB.15, '89			0.50	0.17	-	1.50
	Drilling	FEB.15, '89 ~ FEB.16, '89			2.00	1.83	-	16.50
	Removing	FEB.17, '89 ~ FEB.17, '89			0.50	0.17	-	1.50
	Total	FEB.15, '89 ~ FEB.17, '89			3.00	2.17	-	19.50
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	11° 20′	26 %	22 %	Drilling Efficiency			
	Accompanying Works	32° 40′	74 %	63 %	30.00/3.00 = Total Length / Drilling Period			10.00 m/Day
	Repairing	-	- %	- %	30.00/2.17 = Total Length / Working Days			13.82 m/Day
	Total	44° 00′	100 %	85 %				
	Removing Prepation	4° 00′	-	7.5 %				
	Removing Moving	4° 00′	-	7.5 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	52° 00′	-	100 %	Drilled Length	10.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	20.00m	m
	86mm : 10.00m	30 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY-50

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.13, '89 ~ FEB.13, '89			0.25	0.08	-	1.5
	Drilling	FEB.13, '89 ~ FEB.14, '89			2.00	1.83	-	15.0
	Removing	FEB.15, '89 ~ FEB.15, '89			0.25	0.09	-	1.5
	Total	FEB.13, '89 ~ FEB.15, '89			2.50	2.00	-	18.0
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	30.00 m	Depth m	Section %		Total %
	Length Drilled	30.00 m	Core Recovery	100 %	0~30.00	100		100
					-	-		-
Working Time	Drilling	12° 30′	28 %	26 %	Drilling Efficiency			
	Accompanying Works	31° 30′	72 %	66 %	30.00/2.50 = Total Length / Drilling Period			12.00 m/Day
	Repairing	-	- %	- %	30.00/2.00 = Total Length / Working Days			15.00 m/Day
	Total	44° 00′	100 %	92 %				
	Removing Prepation	2° 00′	-	4 %				
	Removing Moving	2° 00′	-	4 %	Deilled Length by Bit Size			
	Others	-	-	-	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	-	100 %	Drilled Length	10.00m	20.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	20.00m	m
	86mm : 14.00m	47 %		100 %	Remarks			
		%		%				
	-	-		-				

Drill hole No. MJTY－51

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.17, '89 ～ FEB.17, '89			0.50	0.16	－	3.5
	Drilling	FEB.17, '89 ～ FEB.18, '89			2.00	1.67	－	15.0
	Removing	FEB.19, '89 ～ FEB.19, '89			0.50	0.17	－	3.5
	Total	FEB.17, '89 ～ FEB.19, '89			3.00	2.00	－	22.0
Drilling Length	Planned Length	35.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	35.00 m	Depth m	Section %		Total %
	Length Drilled	35.00 m	Core Recovery	100 %	0～35.00	100		100
					－	－		－
Working Time	Drilling	11° 20′	28 %	24 %	Drilling Efficiency			
	Accompanying Works	28° 40′	72 %	60 %	35.00／3.00 — Total Length / Drilling Period			11.67 m／Day
	Repairing	－	－ %	－ %	35.00／2.00 — Total Length / Working Days			17.50 m／Day
	Total	40° 00′	100 %	84 %				
	Removing Prepation	4° 00′	－	8 %				
	Removing Moving	4° 00′	－	8 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	－	100 %	Drilled Length	10.00m	25.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	25.00m	m
	86mm : 10.00m	29 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－52

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.19, '89 ～ FEB.19, '89			0.25	0.08	－	0.75
	Drilling	FEB.19, '89 ～ FEB.21, '89			3.00	2.67	－	28.00
	Removing	FEB.22, '89 ～ FEB.22, '89			0.25	0.08	－	0.75
	Total	FEB.19, '89 ～ FEB.22, '89			3.50	2.83	－	29.50
Drilling Length	Planned Length	35.00 m			Core Recovery for each 50m section			
	Increase in Length	10.00 m	Core Length	45.00 m	Depth m	Section %		Total %
	Length Drilled	45.00 m	Core Recovery	100 %	0～35.00	100		100
					－	－		－
Working Time	Drilling	18° 00′	28 %	26 %	Drilling Efficiency			
	Accompanying Works	46° 00′	72 %	68 %	45.00／3.50 — Total Length / Drilling Period			12.86 m／Day
	Repairing	－	－ %	－ %	45.00／2.83 — Total Length / Working Days			15.90 m／Day
	Total	64° 00′	100 %	94 %				
	Removing Prepation	2° 00′	－	3 %				
	Removing Moving	2° 00′	－	3 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	68° 00′	－	100 %	Drilled Length	11.00m	34.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	11.00m	34.00m	m
	86mm : 11.00m	24 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－53

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.22, '89 ～ FEB.22, '89			0.50	0.33	－	1.5
	Drilling	FEB.22, '89 ～ FEB.23, '89			2.00	1.83	－	16.5
	Removing	FEB.24, '89 ～ FEB.27, '89			3.50	0.34	－	48.5
	Total	FEB.22, '89 ～ FEB.27, '89			6.00	2.50	－	66.5
Drilling Length	Planned Length	35.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	35.00 m	Depth m	Section %		Total %
	Length Drilled	35.00 m	Core Recovery	100 %	0～35.00	100		100
					－	－		－
Working Time	Drilling	18° 10′	41 %	30 %	Drilling Efficiency			
	Accompanying Works	25° 50′	59 %	43 %	35.00／6.00 — Total Length / Drilling Period			5.83 m／Day
	Repairing	－	－ %	－ %	35.00／2.50 — Total Length / Working Days			14.00 m／Day
	Total	44° 00′	100 %	73.4 %				
	Removing Prepation	8° 00′	－	13.3 %				
	Removing Moving	8° 00′	－	13.3 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	60° 00′	－	100 %	Drilled Length	10.00m	25.00m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	10.00m	25.00m	m
	86mm : 10.00m	29 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－54

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	MAR.2, '89 ～ MAR.2, '89			0.50	0.16	－	1.5
	Drilling	MAR.2, '89 ～ MAR.6, '89			5.00	4.50	－	39.0
	Removing	MAR.7, '89 ～ MAR.7, '89			0.50	0.17	－	15.0
	Total	MAR.2, '89 ～ MAR.7, '89			6.00	4.83	－	55.5
Drilling Length	Planned Length	75.00 m			Core Recovery for each 50m section			
	Increase in Length	0 m	Core Length	75.00 m	Depth m	Section %		Total %
	Length Drilled	75.00 m	Core Recovery	100 %	0～50.00	100		100
					50.00－75.00	100		100
Working Time	Drilling	30° 40′	28 %	26 %	Drilling Efficiency			
	Accompanying Works	77° 20′	72 %	67 %	75.00／6.00 — Total Length / Drilling Period			12.50 m／Day
	Repairing	－	－ %	－ %	75100／4.83 — Total Length / Working Days			15.53 m／Day
	Total	108° 00′	100 %	93 %				
	Removing Prepation	4° 00′	－	3.5 %				
	Removing Moving	4° 00′	－	3.5 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	116° 00′	－	100 %	Drilled Length	46.20m	28.80m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	46.20m	28.80m	m
	86mm : 4.00m	5 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY－54－1

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.28, '89 ～ FEB.28, '89			0.25	0.08	－	4.0
	Drilling	FEB.28, '89 ～ MAR.1, '89			2.50	1.17	0.67	31.0
	Removing	MAR.2, '89 ～ MAR.2, '89			0.25	0.08	－	9.0
	Total	FEB.28, '89 ～ MAR.2, '89			3.00	1.33	0.67	44.0
Drilling Length	Planned Length	75.00 m			Core Recovery for each 50m section			
	Increase in Length	－49.20 m	Core Length	25.80 m	Depth m	Section %		Total %
	Length Drilled	25.80 m	Core Recovery	100 %	0～25.80	100		100
					－	－		－
Working Time	Drilling	9° 50′	22.3 %	20 %	Drilling Efficiency			
	Accompanying Works	18° 10′	41.3 %	38 %	25.80／3.00 — Total Length / Drilling Period			8.60 m／Day
	Repairing	16° 00′	36.4 %	33 %	25.80／1.33 — Total Length / Working Days			19.40 m／Day
	Total	44° 00′	100 %	91 %				
	Removing Prepation	2° 00′	－	4.5 %				
	Removing Moving	2° 00′	－	4.5 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	48° 00′	－	100 %	Drilled Length	15.00m	10.80m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	10.80m	m
	86mm : 15.00m	58 %		100 %	Remarks A cavity was encountered at 25.80m Drilling was accordingly suspended			
		%		%				
	－	－		－				

Drill hole No. MJTY－55

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	～			－	－	－	－
	Drilling	MAR.14, '89 ～ MAR.19, '89			6.00	6.00	－	69.0
	Removing	MAR.20, '89 ～ MAR.22, '89			3.00	1.00	－	45.0
	Total	MAR.14, '89 ～ MAR.22, '89			9.00	7.00	－	114.0
Drilling Length	Planned Length	75.00 m			Core Recovery for each 50m section			
	Increase in Length	0.30 m	Core Length	68.00 m	Depth m	Section %		Total %
	Length Drilled	75.30 m	Core Recovery	90 %	0～50.00	98		98
					50.00－75.30	74		90
Working Time	Drilling	39° 30′	27 %	23 %	Drilling Efficiency			
	Accompanying Works	104° 30′	73 %	62 %	75.30／9.00 — Total Length / Drilling Period			8.37 m／Day
	Repairing	－	－ %	－ %	75.30／7.00 — Total Length / Working Days			10.76 m／Day
	Total	144° 00′	100 %	86 %				
	Removing Prepation	－	－	%				
	Removing Moving	24° 00′	－	14 %	Deilled Length by Bit Size			
	Others	－	－	－	Bit Size	86mm	66mm	mm
	Grand Total	168° 00′	－	100 %	Drilled Length	4.00m	71.30m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	4.00m	71.30m	m
	86mm : 4.00m	5 %		100 %	Remarks			
		%		%				
	－	－		－				

Drill hole No. MJTY−55−1

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	FEB.27, '89 ~ FEB.27, '89			0.25	0.08	−	1.0
	Drilling	FEB.27, '89 ~ FEB.27, '89			1.00	0.83	−	10.0
	Removing	FEB.28, '89 ~ FEB.28, '89			0.75	0.42	−	33.5
	Total	FEB.27, '89 ~ FEB.28, '89			2.00	1.33	−	44.5
Drilling Length	Planned Length	75.00 m			Core Recovery for each 50m section			
	Increase in Length	−63.00 m	Core Length	12.00 m	Depth m	Section %		Total %
	Length Drilled	12.00 m	Core Recovery	100 %	0~12.00	100		100
					−	−		−
Working Time	Drilling	5° 10′	25 %	13 %	Drilling Efficiency			
	Accompanying Works	14° 50′	75 %	37 %	12.00/2.00 — Total Length / Drilling Period			6.00 m/Day
	Repairing	−	− %	− %	12.00/1.33 — Total Length / Working Days			9.02 m/Day
	Total	20° 00′	100 %	50 %				
	Removing Prepation	2° 00′	−	5 %				
	Removing Moving	10° 00′	−	25 %	Deilled Length by Bit Size			
	Others	8° 00′	−	20%	Bit Size	86mm	66mm	mm
	Grand Total	40° 00′	−	100 %	Drilled Length	12.00m	−m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	12.00m	−m	m
	86mm : 12.00m	100 %		100 %	Remarks Granite was encountered at 3.40m, therefore drilling was suspended			
		%		%				
	−	−		−				

Drill hole No. MJTY−55−2

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	MAR.7, '89 ~ MAR.7, '89			0.25	0.08	−	1.0
	Drilling	MAR.7, '89 ~ MAR.9, '89			3.00	2.67	−	15.0
	Removing	MAR.10, '89 ~ MAR.10, '89			0.25	0.08	−	28.5
	Total	MAR.7, '89 ~ MAR.10, '89			3.50	2.83	−	44.5
Drilling Length	Planned Length	75.00 m			Core Recovery for each 50m section			
	Increase in Length	−41.5 m	Core Length	33.50 m	Depth m	Section %		Total %
	Length Drilled	33.50 m	Core Recovery	100 %	0~33.50	100		100
					−	−		−
Working Time	Drilling	13° 10′	20 %	19 %	Drilling Efficiency			
	Accompanying Works	26° 50′	42 %	40 %	33.50/3.50 — Total Length / Drilling Period			9.57 m/Day
	Repairing	24° 00′	38 %	35 %	33.50/2.83 — Total Length / Working Days			11.84 m/Day
	Total	64° 00′	100 %	94 %				
	Removing Prepation	2° 00′	−	3 %				
	Removing Moving	2° 00′	−	3 %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	68° 00′	−	100 %	Drilled Length	15.00m	18.50m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	15.00m	18.50m	m
	86mm : 15.00m	45 %		100 %	Remarks An accident occured in hole, drilling was accordingly suspended			
		%		%				
	−	−		−				

Drill hole No. MJTY−55−3

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	MAR.10, '89 ~ MAR.10, '89					−	
	Drilling	MAR.10, '89 ~ MAR.13, '89			4.0	3.83	−	42.5
	Removing	MAR.13, '89 ~ MAR.13, '89					−	
	Total	MAR.10, '89 ~ MAR.13, '89			4.0	3.83	−	42.5
Drilling Length	Planned Length	75.00 m			Core Recovery for each 50m section			
	Increase in Length	−12.30 m	Core Length	62.70 m	Depth m	Section %		Total %
	Length Drilled	62.70 m	Core Recovery	100 %	0~50.00	100		100
					50.00−62.70	100		100
Working Time	Drilling	23° 00′	25 %	25 %	Drilling Efficiency			
	Accompanying Works	61° 00′	66 %	66 %	62.70/4.00 — Total Length / Drilling Period			15.68 m/Day
	Repairing	8° 00′	9 %	9 %	62.70/3.83 — Total Length / Working Days			16.37 m/Day
	Total	92° 00′	100 %	100 %				
	Removing Prepation	−	−	− %				
	Removing Moving	−	−	− %	Deilled Length by Bit Size			
	Others	−	−	−	Bit Size	86mm	66mm	mm
	Grand Total	92° 00′	−	100 %	Drilled Length	4.00m	58.70m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	4.00m	58.70m	m
	86mm : 4.00m	6 %		100 %	Remarks An accident occured in the hole at 62.70m depth, drilling was suspended			
		%		%				
	−	−		−				

Drill hole No. MJTY−56

		Period			Number of Days	Actual Working Days	Day off	Total Number of Workers
Working Period	Preparation	MAR.7, '89 ~ MAR.7, '89			0.25	0.08	−	1.5
	Drilling	MAR.7, '89 ~ MAR.10, '89			4.00	2.17	−	19.5
	Removing	MAR.11, '89 ~ MAR.11, '89			0.75	0.25	−	4.5
	Total	MAR.7, '89 ~ MAR.11, '89			5.00	2.50	−	25.5
Drilling Length	Planned Length	30.00 m			Core Recovery for each 50m section			
	Increase in Length	7.00 m	Core Length	35.05 m	Depth m	Section %		Total %
	Length Drilled	37.00 m	Core Recovery	95 %	0~37.00	95		95
					−	−		−
Working Time	Drilling	20° 10′	39 %	34 %	Drilling Efficiency			
	Accompanying Works	31° 50′	61 %	53 %	37.00/5.00 — Total Length / Drilling Period			7.40 m/Day
	Repairing	−	− %	− %	37.00/2.50 — Total Length / Working Days			14.80 m/Day
	Total	52° 00′	100 %	87 %				
	Removing Prepation	2° 00′	−	%				
	Removing Moving	6° 00′	−	3 %	Deilled Length by Bit Size			
	Others	−	−	10%	Bit Size	86mm	66mm	mm
	Grand Total	60° 00′	−	100 %	Drilled Length	5.55m	31.45m	m
Inserted Casing Pipe	Pipe Size & Inserted Length	Inserted Length / Drilling Length		Recovery of Casing Pipe	Core Length	.00m	0m	m
	86mm : 5.00m	13 %		100 %	Remarks			
		%		%				
	−	−		−				

付表6　化学分析結果一覧表（A地区，トレンチ調査）

No.	sample No.	Sn %	W %	Nb ppm	Ta ppm
1	T-1-1	0.004	0.001	40	18
2	T-1-2	0.005	0.000	35	27
3	T-1-3	0.004	0.001	32	13
4	T-4-1	0.005	0.000	15	<10
5	T-2-1	0.004	0.001	16	<10
6	T-2-2	0.003	0.001	82	48
7	T-2-3	0.008	0.001	24	42
8	T-3-2	0.001	0.001	5	<10
9	T-3-3	0.011	0.001	80	41
10	T-3-4	0.007	0.001	74	57
11	T-4-1	0.004	0.002	98	31
12	T-4-2	0.001	0.000	11	<10
13	T-4-3	0.001	0.001	15	<10
14	T-5-1	0.002	0.002	42	23
15	T-5-3	0.003	0.002	15	<10
16	T-6-1	0.003	0.002	21	<10
17	T-6-2	0.003	0.002	37	20
18	T-7-1	0.002	0.001	74	39
19	T-7-2	0.002	0.001	21	11
20	T-8-1	0.021	0.002	88	34
21	T-8-2	0.002	0.001	12	<10
22	T-8-3	0.004	0.001	30	18
23	T-9-1	0.005	0.030	23	<10
24	T-10-1	0.003	0.006	16	<10
25	T-10-2	0.003	0.002	21	<10
26	T-11-1	0.001	0.001	4	<10
27	T-11-2	0.003	0.004	6	<10
28	T-12-1	0.013	0.009	170	160
29	T-12-2	0.001	0.001	6	<10
30	T-13-2	0.001	0.005	3	<10
31	T-13-3	0.002	0.011	7	<10
32	T-14-1	0.007	0.016	21	<10
33	T-15-1	0.008	0.016	8	<10
34	T-15-2	0.004	0.009	12	<10
35	T-15-3	0.011	0.009	45	110
36	T-16-1	0.009	0.004	58	96
37	T-16-3	0.000	0.000	1	<10
38	T-17-2	0.010	0.007	170	300
39	T-17-3	0.011	0.004	69	130
40	T-17-4	0.009	0.004	76	110
41	T-18-2	0.004	0.004	49	37
42	T-18-5	0.018	0.008	82	200
43	T-18-6	0.011	0.005	130	73
44	T-19-2	0.008	0.002	68	140
45	T-19-3	0.004	0.004	72	89
46	T-19-4	0.005	0.002	45	25
47	T-19-6	0.005	0.004	59	20
48	T-20-1	0.012	0.002	31	32
49	T-20-2	0.009	0.003	72	64
50	T-20-3	0.008	0.006	70	47

付表７－１　化学分析結果一覧表（C地区，ボーリング調査）

(1)

No.	Sample No.	depth m	depth m	Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1	MJTY 1-1	21.10	22.00	0.015	0.003	1.22	0.016	0.069	0.014	5	<10	0.0	14
2	MJTY 1-2	22.00	23.50	0.015	0.010	2.42	0.031	0.064	0.022	7	<10	0.0	20
3	MJTY 1-3	23.50	24.50	0.28	0.012	3.17	0.045	0.035	0.027	5	<10	0.0	8
4	MJTY 1-4	24.50	26.00	0.29	0.002	1.75	0.024	0.035	0.049	6	<10	0.0	3
5	MJTY 1-5	26.00	28.00	0.12	0.002	0.61	0.007	0.033	0.008	7	<10	0.0	9
6	MJTY 1-6	28.00	30.00	0.037	0.001	0.12	-	0.028	0.003	7	<10	0.0	14
7	MJTY 1-7	30.00	32.00	0.12	0.001	0.19	-	0.050	0.008	8	<10	0.5	29
8	MJTY 1-8	32.00	34.30	0.16	0.003	1.06	0.015	0.088	0.047	18	<10	0.5	5
9	MJTY 7-1	15.00	16.40	0.31	0.003	0.046	-	0.092	0.059	13	<10	0.0	49
10	MJTY 7-2	16.40	17.10	0.20	0.003	0.035	-	0.009	0.008	45	22	0.0	20
11	MJTY10-1	14.30	17.00	0.45	0.004	0.097	-	0.16	0.032	16	<10	0.0	29
12	MJTY10-2	17.00	20.00	0.48	0.002	0.067	-	0.060	0.031	18	<10	0.0	19
13	MJTY10-3	20.00	22.50	0.22	0.003	0.078	-	0.087	0.014	31	<10	0.0	10
14	MJTY10-4	22.50	25.50	0.90	0.002	0.089	-	0.097	0.006	18	16	0.0	19
15	MJTY10-5	29.20	30.00	0.52	0.022	0.044	-	0.002	0.001	2	<10	0.0	22
16	MJTY13-1	10.65	11.50	0.36	0.14	0.23	-	0.070	0.051	8	<10	0.0	5
17	MJTY13-2	11.50	12.80	0.24	0.24	0.30	-	0.13	0.052	9	<10	0.0	2
18	MJTY13-3	12.80	15.00	0.30	0.23	0.22	-	0.052	0.073	6	<10	0.0	26
19	MJTY13-4	15.00	16.90	0.081	0.16	0.17	-	0.068	0.006	5	<10	0.0	30
20	MJTY14-1	8.00	12.30	0.44	0.019	0.22	-	0.017	0.080	12	<10	0.7	4
21	MJTY14-2	31.20	32.00	0.25	0.002	0.11	-	0.019	0.038	6	<10	0.6	2
22	MJTY14-3	32.00	33.40	0.28	0.001	0.61	0.011	0.048	0.021	12	<10	0.2	4
23	MJTY14-4	33.40	35.10	0.27	0.003	0.041	-	0.032	0.043	6	<10	0.2	5
24	MJTY14-5	35.60	36.40	0.19	0.002	0.15	-	0.018	0.035	6	<10	0.0	2
25	MJTY14-6	36.40	36.80	0.15	0.002	0.17	-	0.035	0.028	5	<10	0.0	3
26	MJTY14-7	36.80	37.40	0.34	0.001	0.027	-	0.021	0.022	8	<10	0.0	3
27	MJTY14-8	37.40	37.70	0.25	0.002	0.041	-	0.021	0.068	8	<10	0.0	4
28	MJTY16-1	15.00	16.90	0.68	0.006	0.017	-	0.033	0.017	8	<10	0.0	14
29	MJTY16-2	18.40	20.40	0.49	0.015	0.42	-	0.014	0.046	9	10	0.1	33
30	MJTY16-3	20.40	22.00	0.36	0.007	0.30	-	0.015	0.024	6	<10	0.0	3
31	MJTY17-1	4.15	4.90	0.32	0.004	0.032	-	0.25	0.051	32	<10	0.1	7
32	MJTY17-2	5.40	6.10	0.79	0.006	0.072	-	0.092	0.087	6	<10	0.0	17
33	MJTY17-3	13.30	14.50	0.53	0.020	0.53	0.014	0.013	0.027	5	<10	0.0	75
34	MJTY17-4	14.50	16.00	0.51	0.060	0.080	-	0.015	0.026	13	<10	0.0	53
35	MJTY19-1	14.00	14.85	0.28	5.87	0.55	0.012	0.019	0.015	3	<10	0.0	293
36	MJTY19-2	14.85	16.90	0.52	0.17	0.13	-	0.19	0.060	8	<10	0.0	63
37	MJTY20-1	10.50	16.50	0.28	0.069	0.12	-	0.071	0.032	11	<10	0.0	10
38	MJTY20-2	16.50	20.00	0.25	0.001	0.010	-	0.003	0.016	5	<10	0.0	2
39	MJTY20-3	20.00	21.40	0.25	0.001	0.018	-	0.002	0.025	6	<10	0.2	2
40	MJTY20-4	21.40	23.50	0.40	0.006	0.16	-	0.006	0.008	12	<10	0.1	10
41	MJTY20-5	24.00	24.60	0.44	0.004	0.12	-	0.003	0.010	6	<10	0.0	6
42	MJTY20-6	24.60	25.00	0.43	0.002	0.11	-	0.003	0.014	3	<10	0.0	4
43	MJTY20-7	25.00	27.00	0.17	0.001	0.24	-	0.017	0.017	10	<10	0.0	3
44	MJTY20-8	27.00	28.60	0.30	0.001	0.20	-	0.022	0.024	6	<10	0.0	8
45	MJTY20-9	28.60	29.70	0.40	0.004	7.68	0.16	0.042	0.11	5	<10	0.1	19
46	MJTY23-1	9.20	11.20	0.016	0.20	0.23	-	0.043	0.13	17	<10	0.0	5
47	MJTY24-1	3.60	6.30	0.003	0.55	0.56	0.004	0.035	0.021	9	<10	0.0	24
48	MJTY24-2	24.20	25.40	0.025	0.018	0.56	0.008	0.052	0.025	4	<10	0.0	44
49	MJTY26-1	21.80	23.20	0.021	0.028	0.47	-	0.012	0.040	11	<10	0.1	8
50	MJTY26-2	23.20	24.50	0.013	0.009	0.39	-	0.037	0.027	6	<10	0.2	6
51	MJTY26-3	24.50	25.00	0.015	0.049	0.98	0.010	0.025	0.048	4	<10	0.2	28
52	MJTY26-4	27.20	29.10	0.050	0.012	2.09	0.025	0.034	0.093	5	<10	0.1	11
53	MJTY26-5	29.10	30.00	0.25	0.008	3.70	0.063	0.085	0.16	10	<10	0.2	18
54	MJTY26-6	30.00	30.50	0.78	0.070	1.57	0.026	0.015	0.10	9	<10	0.2	123
55	MJTY26-7	30.50	31.50	0.12	0.038	3.42	0.056	0.070	0.12	12	<10	0.2	47
56	MJTY26-8	31.50	32.40	0.15	0.007	1.85	0.033	0.097	0.30	12	<10	0.1	11
57	MJTY26-9	32.40	33.00	0.023	0.004	0.11	-	0.006	0.013	11	<10	0.2	2
58	MJTY29-1	14.20	15.00	0.19	0.001	0.031	-	0.031	0.025	5	<10	0.0	16
59	MJTY29-2	15.00	17.50	0.68	0.001	0.024	-	0.024	0.023	8	<10	0.0	8
60	MJTY29-3	17.50	20.00	0.71	0.001	0.020	-	0.012	0.019	9	<10	0.0	4
61	MJTY29-4	20.00	22.50	0.51	0.001	0.017	-	0.026	0.034	11	<10	0.0	10
62	MJTY29-5	22.50	24.30	0.61	0.000	0.017	-	0.022	0.044	13	<10	0.0	11
63	MJTY29-6	24.30	25.00	1.09	0.002	0.010	-	0.26	0.004	17	13	0.0	5
64	MJTY29-7	25.00	27.00	0.20	0.002	0.020	-	0.28	0.092	10	10	0.0	8
65	MJTY29-8	27.60	29.20	0.24	0.004	0.020	-	0.15	0.007	7	<10	0.0	15
66	MJTY29-9	29.20	30.00	0.25	0.002	0.005	-	0.27	0.007	5	<10	30.8	19
67	MJTY29-10	30.60	31.60	0.18	0.003	0.030	-	0.014	0.002	10	11	0.0	24
68	MJTY29-11	32.70	32.90	0.17	0.002	0.051	-	0.013	0.001	15	12	0.0	4
69	MJTY30-1	21.00	21.50	0.12	0.002	0.15	-	0.17	0.11	10	<10	0.0	2
70	MJTY30-2	23.20	24.00	0.018	0.004	0.044	-	0.088	0.44	32	12	0.0	22
71	MJTY33-1	9.50	10.00	0.44	0.002	0.13	-	0.45	0.027	17	21	0.0	8
72	MJTY36-1	21.40	22.60	0.81	0.21	0.17	-	0.033	0.003	22	<10	0.0	5
73	MJTY36-2	24.20	26.00	1.30	0.005	0.36	-	0.076	0.009	15	<10	0.0	18
74	MJTY36-3	26.00	28.30	0.35	0.001	0.27	-	0.12	0.012	16	<10	0.0	3
75	MJTY36-4	31.90	32.40	0.016	0.25	0.76	0.025	0.012	0.031	5	<10	0.1	10
76	MJTY36-5	36.00	36.50	0.003	2.43	2.28	0.026	0.023	0.130	5	<10	0.1	196
77	MJTY36-6	36.50	37.50	0.025	0.76	0.67	0.009	0.038	0.019	4	<10	0.0	115
78	MJTY36-7	37.50	38.40	0.19	0.066	0.032	-	0.058	0.001	4	<10	0.1	30
79	MJTY36-8	38.40	39.00	0.68	0.001	0.54	0.011	0.042	0.015	3	<10	0.1	34
80	MJTY36-9	39.00	40.00	0.71	0.001	0.77	0.014	0.042	0.014	2	<10	0.1	39

付表７－２　化学分析結果一覧表（Ｃ地区，ボーリング調査）

(2)

No.	Sample No.	depth m	depth m	Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
81	MJTY36-10	40.00	40.50	0.51	0.002	0.046	-	0.16	0.019	6	<10	0.1	20
82	MJTY36-11	40.50	42.30	0.61	0.002	0.086	-	0.028	0.063	4	<10	0.0	17
83	MJTY36-12	42.30	43.30	1.09	0.001	0.029	-	0.045	0.060	8	<10	0.0	32
84	MJTY37-1	17.90	18.70	0.50	0.038	9.58	0.20	0.11	0.10	5	<10	0.0	52
85	MJTY37-2	18.70	19.60	0.18	0.021	0.70	0.015	0.095	0.059	6	<10	0.0	87
86	MJTY37-3	19.60	22.00	0.62	0.010	0.42	-	0.023	0.035	3	<10	0.0	35
87	MJTY37-4	22.00	24.00	0.57	0.003	0.086	-	0.035	0.049	4	<10	0.3	26
88	MJTY37-5	24.00	26.00	0.57	0.009	0.14	-	0.022	0.079	4	<10	0.2	26
89	MJTY37-6	26.00	28.00	0.61	0.006	0.16	-	0.011	0.058	3	<10	0.2	25
90	MJTY37-7	28.00	30.60	0.59	0.002	0.048	-	0.013	0.081	4	<10	0.1	21
91	MJTY37-8	30.60	31.20	0.97	0.006	0.063	-	0.037	0.073	5	<10	0.2	32
92	MJTY37-9	31.20	33.00	0.30	0.004	0.027	-	0.026	0.050	4	<10	0.0	9
93	MJTY37-10	33.00	35.00	0.46	0.005	0.044	-	0.023	0.077	4	<10	0.0	14
94	MJTY37-11	35.00	37.50	0.26	0.008	0.049	-	0.042	0.093	5	<10	0.0	11
95	MJTY37-12	37.50	39.90	0.44	0.018	0.21	-	0.027	0.088	4	<10	0.0	35
96	MJTY37-13	39.90	42.00	0.67	0.009	0.23	-	0.085	0.22	11	<10	0.0	26
97	MJTY37-14	42.00	44.00	0.40	0.008	0.29	-	0.021	0.091	5	<10	0.0	22
98	MJTY37-15	44.00	45.00	0.65	0.002	0.10	-	0.011	0.62	16	<10	0.0	2
99	MJTY37-16	47.70	49.00	0.26	0.001	0.011	-	0.047	0.016	7	<10	0.0	5
100	MJTY39-1	15.00	17.00	0.20	0.42	0.43	-	0.064	0.024	3	<10	0.3	141
101	MJTY39-2	17.00	19.00	0.24	0.81	0.32	-	0.13	0.012	5	<10	0.0	112
102	MJTY39-3	19.00	20.70	0.25	0.54	0.32	-	0.098	0.017	5	<10	0.0	139
103	MJTY39-4	20.70	22.50	0.18	1.05	0.42	-	0.023	0.023	2	<10	0.0	54
104	MJTY39-5	23.00	25.00	0.17	2.32	0.54	0.023	0.005	0.034	2	<10	0.0	268
105	MJTY39-6	25.00	27.30	0.12	1.66	3.21	0.050	0.008	0.076	4	<10	0.0	289
106	MJTY39-7	27.30	28.30	0.018	0.32	3.26	0.038	0.057	0.057	2	<10	0.0	71
107	MJTY39-8	28.30	29.50	0.44	0.17	1.56	0.020	0.044	0.044	5	<10	0.0	88
108	MJTY39-9	29.50	30.50	0.81	0.42	13.3	0.55	0.15	0.15	6	<10	0.0	133
109	MJTY39-10	30.50	31.70	1.30	0.010	1.57	0.017	0.082	0.082	11	<10	0.0	71
110	MJTY40-1	29.70	31.60	0.35	0.012	0.11	-	0.10	0.10	9	<10	0.0	7
111	MJTY42-1	17.20	18.30	1.26	0.84	3.38	0.074	0.066	0.054	4	<10	0.0	104
112	MJTY42-2	18.30	20.00	5.34	11.6	3.75	0.049	0.076	0.036	4	<10	0.0	233
113	MJTY42-3	24.30	25.30	0.62	0.83	6.48	0.088	0.060	0.066	8	<10	0.0	100
114	MJTY42-4	25.30	26.00	0.22	0.030	2.70	0.045	0.080	0.037	10	<10	0.0	16
115	MJTY42-5	30.60	31.00	1.12	0.023	0.12	-	0.036	0.026	5	14	0.0	46
116	MJTY42-6	31.70	32.10	0.62	0.010	0.16	-	0.036	0.006	27	<10	0.0	26
117	MJTY43-1	24.40	25.30	0.14	0.012	0.26	-	0.062	0.004	3	<10	0.1	45
118	MJTY43-2	25.30	26.30	0.61	0.023	7.82	0.098	0.019	0.12	6	<10	0.0	56
119	MJTY43-3	26.30	27.40	0.88	0.015	0.06	-	0.009	0.029	5	<10	0.0	46
120	MJTY43-4	27.40	27.90	1.64	0.014	0.14	-	0.029	0.066	6	<10	0.0	83
121	MJTY43-5	27.90	28.70	0.56	0.019	0.042	-	0.035	0.090	5	<10	0.0	41
122	MJTY43-6	28.70	29.50	0.85	0.025	0.095	-	0.015	0.030	5	<10	0.0	59
123	MJTY43-7	29.50	30.40	0.33	0.010	0.19	-	0.013	0.012	9	<10	1.4	24
124	MJTY43-8	30.40	33.80	0.057	0.003	0.62	0.003	0.071	0.008	9	<10	0.0	24
125	MJTY43-9	33.80	35.00	0.31	0.008	0.49	-	0.061	0.020	8	<10	0.0	5
126	MJTY43-10	35.00	37.00	0.66	0.006	0.074	-	0.040	0.067	6	<10	0.0	34
127	MJTY43-11	37.00	38.00	0.43	0.003	5.19	0.099	0.094	0.071	4	<10	0.0	23
128	MJTY43-12	38.00	39.20	0.40	0.002	6.45	0.10	0.071	0.077	4	<10	0.0	14
129	MJTY43-13	39.20	40.00	0.41	0.002	0.23	-	0.027	0.039	4	<10	0.0	9
130	MJTY43-14	40.00	42.20	0.58	0.001	0.034	-	0.008	0.025	6	<10	0.0	13
131	MJTY43-15	42.20	42.60	0.56	0.001	0.96	0.029	0.006	0.027	5	<10	0.0	14
132	MJTY43-16	42.60	43.30	0.33	0.003	1.46	0.041	0.013	0.031	3	<10	0.0	9
133	MJTY43-17	43.30	44.30	0.48	0.001	7.21	0.19	0.028	0.10	4	<10	0.2	15
134	MJTY43-18	44.30	44.70	0.31	0.002	1.76	0.041	0.035	0.011	5	<10	0.0	8
135	MJTY43-19	44.70	46.50	0.26	0.001	0.049	-	0.023	0.008	8	<10	0.0	7
136	MJTY43-20	46.50	47.70	1.01	0.001	0.26	-	0.022	0.015	19	12	0.1	24
137	MJTY43-21	48.20	48.70	0.26	0.002	0.10	-	0.019	0.022	14	<10	0.0	9
138	MJTY47-1	1.70	5.00	0.001	0.001	0.006	-	0.012	0.006	52	21	0.0	2
139	MJTY47-2	5.00	10.00	0.001	0.002	0.005	-	0.011	0.005	45	19	0.0	0
140	MJTY47-3	10.00	15.00	0.000	0.000	0.005	-	0.011	0.004	45	23	0.0	1
141	MJTY47-4	15.00	20.00	0.000	0.000	0.005	-	0.010	0.005	47	17	0.0	1
142	MJTY47-5	20.00	25.00	0.000	0.000	0.005	-	0.011	0.005	47	25	0.0	1
143	MJTY47-6	25.00	30.00	0.001	0.000	0.005	-	0.010	0.005	44	18	0.0	0
144	MJTY48-2	5.00	10.00	0.000	0.000	0.005	-	0.013	0.002	35	15	0.0	1
145	MJTY48-3	10.00	15.00	0.000	0.001	0.004	-	0.013	0.002	39	19	0.0	0
146	MJTY48-4	15.00	20.00	0.000	0.001	0.004	-	0.013	0.002	36	18	0.0	1
147	MJTY48-5	20.00	25.00	0.000	0.001	0.004	-	0.013	0.004	34	16	0.0	0
148	MJTY48-6	25.00	30.00	0.000	0.001	0.004	-	0.011	0.002	31	14	0.0	1
149	MJTY49-1	1.70	5.00	0.000	0.001	0.005	-	0.012	0.003	38	20	0.0	1
150	MJTY49-2	5.00	10.00	0.000	0.000	0.005	-	0.011	0.003	36	14	0.0	0
151	MJTY49-3	10.00	15.00	0.000	0.000	0.008	-	0.006	0.007	51	15	0.0	0
152	MJTY49-4	15.00	20.00	0.000	0.000	0.005	-	0.012	0.007	91	28	0.0	1
153	MJTY49-5	20.00	25.00	0.000	0.000	0.007	-	0.007	0.006	60	16	0.0	0
154	MJTY49-6	25.00	30.00	0.000	0.000	0.005	-	0.007	0.006	59	15	0.0	0
155	MJTY50-1	14.00	16.00	0.004	0.001	0.009	-	0.010	0.011	46	19	0.0	1
156	MJTY50-2	16.00	17.00	0.000	0.000	0.006	-	0.011	0.006	50	21	0.0	0
157	MJTY52-1	39.00	40.70	0.001	0.002	0.11	-	0.007	0.001	8	<10	0.0	0
158	MJTY52-2	42.20	43.00	0.001	0.001	0.20	-	0.006	0.003	7	<10	0.0	0
159	MJTY52-3	43.50	44.00	0.001	0.006	0.058	-	0.006	0.016	8	<10	0.0	1
160	MJTY53-1	9.80	10.50	0.004	0.14	3.43	0.050	0.005	0.049	4	<10	0.0	36

付表７－３　化学分析結果一覧表（Ｃ地区，ボーリング調査）

No.	Sample No.	depth m - m	Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
161	MJTY53-2	10.50 11.00	0.006	0.10	2.61	0.027	0.005	0.043	6	<10	0.0	34
162	MJTY53-3	11.00 12.50	0.013	0.12	2.82	0.029	0.014	0.071	6	<10	0.0	96
163	MJTY53-4	12.50 13.50	0.016	0.006	2.63	0.013	0.030	0.042	3	<10	0.0	5
164	MJTY53-5	13.50 14.80	0.013	0.006	1.40	0.015	0.059	0.014	4	<10	0.0	6
165	MJTY53-6	14.80 15.00	0.14	0.012	11.6	0.17	0.051	0.11	3	<10	0.0	26
166	MJTY53-7	15.00 15.50	0.12	0.002	3.48	0.058	0.095	0.066	4	<10	0.0	11
167	MJTY53-8	15.50 16.00	0.070	0.002	4.33	0.076	0.086	0.046	4	<10	0.0	11
168	MJTY53-9	16.00 17.00	0.33	0.030	6.92	0.12	0.11	0.073	3	<10	0.0	52
169	MJTY53-10	17.00 18.50	0.77	0.002	0.39	-	0.065	0.065	5	<10	0.0	33
170	MJTY53-11	18.50 20.00	0.40	0.000	0.022	-	0.015	0.034	5	<10	0.0	3
171	MJTY53-12	20.00 21.30	0.28	0.001	0.020	-	0.008	0.015	7	<10	0.0	7
172	MJTY54-1	35.50 36.40	0.007	0.063	0.25	-	0.066	0.007	4	<10	0.0	30
173	MJTY54-2	36.40 36.80	0.007	0.22	3.46	0.037	0.23	0.18	7	<10	0.0	95
174	MJTY54-3	36.80 38.50	0.006	0.003	0.22	-	0.12	0.002	4	<10	0.0	2
175	MJTY54-4	38.50 39.70	0.14	0.017	6.16	0.068	0.12	0.060	3	<10	0.0	15
176	MJTY54-5	39.70 40.10	0.40	0.023	0.91	0.011	0.19	0.017	4	<10	0.0	23
177	MJTY54-6	40.10 40.40	0.069	0.012	1.83	0.020	0.20	0.053	4	<10	0.0	11
178	MJTY54-7	40.40 42.10	0.007	0.001	0.033	-	0.23	0.003	6	<10	0.0	1
179	MJTY54-8	42.10 43.50	0.38	0.009	0.13	-	0.026	0.030	7	<10	0.0	18
180	MJTY54-9	43.50 46.00	0.41	0.003	0.017	-	0.003	0.019	3	<10	0.0	10
181	MJTY54-10	46.00 48.00	0.48	0.002	0.019	-	0.003	0.047	5	<10	0.0	11
182	MJTY54-11	48.00 50.00	0.51	0.002	0.032	-	0.004	0.024	6	<10	0.0	9
183	MJTY54-12	50.00 51.00	0.40	0.002	0.018	-	0.003	0.026	4	<10	0.0	6
184	MJTY54-13	51.00 52.50	0.64	0.004	0.022	-	0.006	0.013	7	<10	0.0	11
185	MJTY54-14	52.50 55.00	0.30	0.002	0.016	-	0.002	0.010	3	<10	0.0	6
186	MJTY54-15	55.00 57.00	0.40	0.002	0.011	-	0.001	0.044	3	<10	0.0	6
187	MJTY54-16	57.00 58.00	0.25	0.001	0.022	-	0.008	0.045	7	<10	0.0	12
188	MJTY54-17	58.00 59.00	0.73	0.002	0.034	-	0.004	0.11	4	<10	0.0	25
189	MJTY54-18	59.00 60.00	1.14	0.002	0.041	-	0.007	0.11	4	<10	0.0	37
190	MJTY54-19	60.00 60.95	0.78	0.002	0.033	-	0.008	0.066	5	<10	0.0	25
191	MJTY54-20	61.20 61.40	0.85	0.001	0.034	-	0.015	0.076	11	<10	0.0	25
192	MJTY54-21	61.40 63.00	0.10	0.002	0.28	-	0.056	0.011	7	<10	0.0	3
193	MJTY54-22	63.00 65.00	0.68	0.002	0.48	-	0.051	0.085	9	<10	0.0	16
194	MJTY54-23	65.00 66.00	0.83	0.001	0.022	-	0.060	0.032	8	<10	0.0	19
195	MJTY54-24	66.00 67.05	0.36	0.001	0.040	-	0.042	0.037	12	<10	0.0	11
196	MJTY55-1	57.20 58.20	0.002	0.046	0.30	-	0.049	0.004	5	<10	0.0	24
197	MJTY55-2	58.20 60.00	0.005	0.15	1.10	0.015	0.076	0.029	6	<10	0.0	80
198	MJTY55-3	60.00 61.15	0.003	0.067	0.86	0.012	0.051	0.031	6	<10	0.0	53
199	MJTY55-4	68.20 69.30	0.093	0.30	4.94	0.065	0.085	0.060	5	<10	0.0	150
200	MJTY55-5	69.30 71.00	0.003	0.08	1.09	0.015	0.11	0.020	6	<10	0.0	54
201	MJTY55-6	71.00 71.50	0.008	0.69	5.52	0.070	0.028	0.081	3	13	0.0	373
202	MJTY55-7	71.50 73.00	0.001	0.062	0.13	-	0.062	0.026	6	<10	0.0	30
203	MJTY55-8	73.00 74.50	0.003	0.23	1.29	0.015	0.079	0.031	6	<10	0.0	110
204	MJTY56-1	6.70 10.50	0.59	0.13	0.10	-	0.075	0.16	12	<10	0.0	53
205	MJTY56-2	27.10 29.00	0.002	0.20	0.19	-	0.006	0.007	9	<10	0.0	18
206	MJTY56-3	29.00 31.00	0.010	0.079	1.04	0.013	0.055	0.037	11	<10	0.0	2
207	MJTY56-4	31.00 32.00	0.15	0.16	1.27	0.007	0.068	0.049	6	<10	0.0	38
208	MJTY56-5	32.00 33.00	0.11	0.018	1.07	0.022	0.30	0.032	18	11	0.0	16
209	MJTY56-6	33.00 34.20	0.001	0.015	0.007	-	0.23	0.007	22	<10	0.0	7