付図1　トレンチ調査図

（縮尺 100分の1）

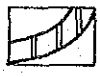
凡　　例

A 層

B 層

黒雲母花崗岩

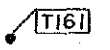
両雲母花崗岩



ペグマタイト脈

石　英　脈

アプライト脈

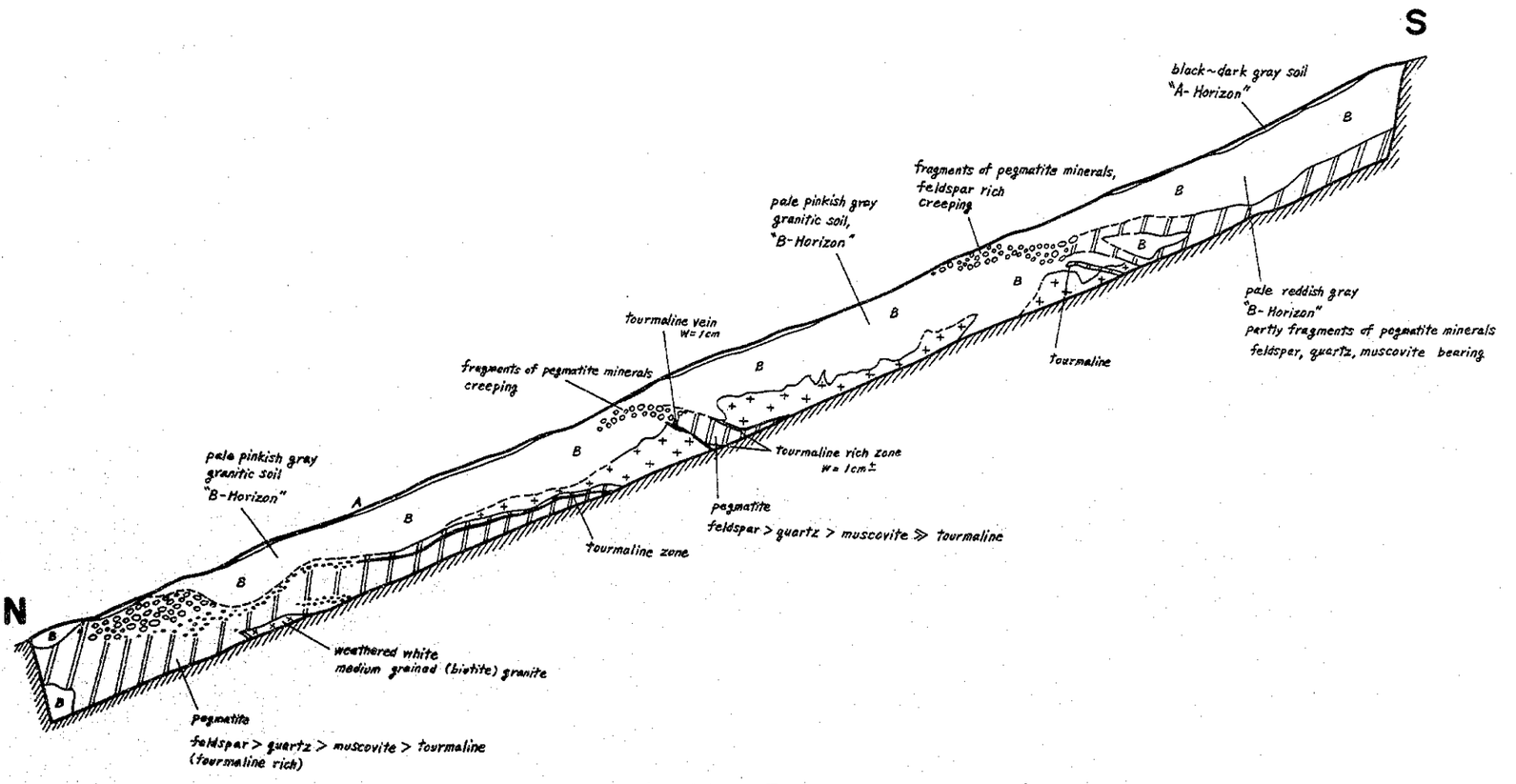


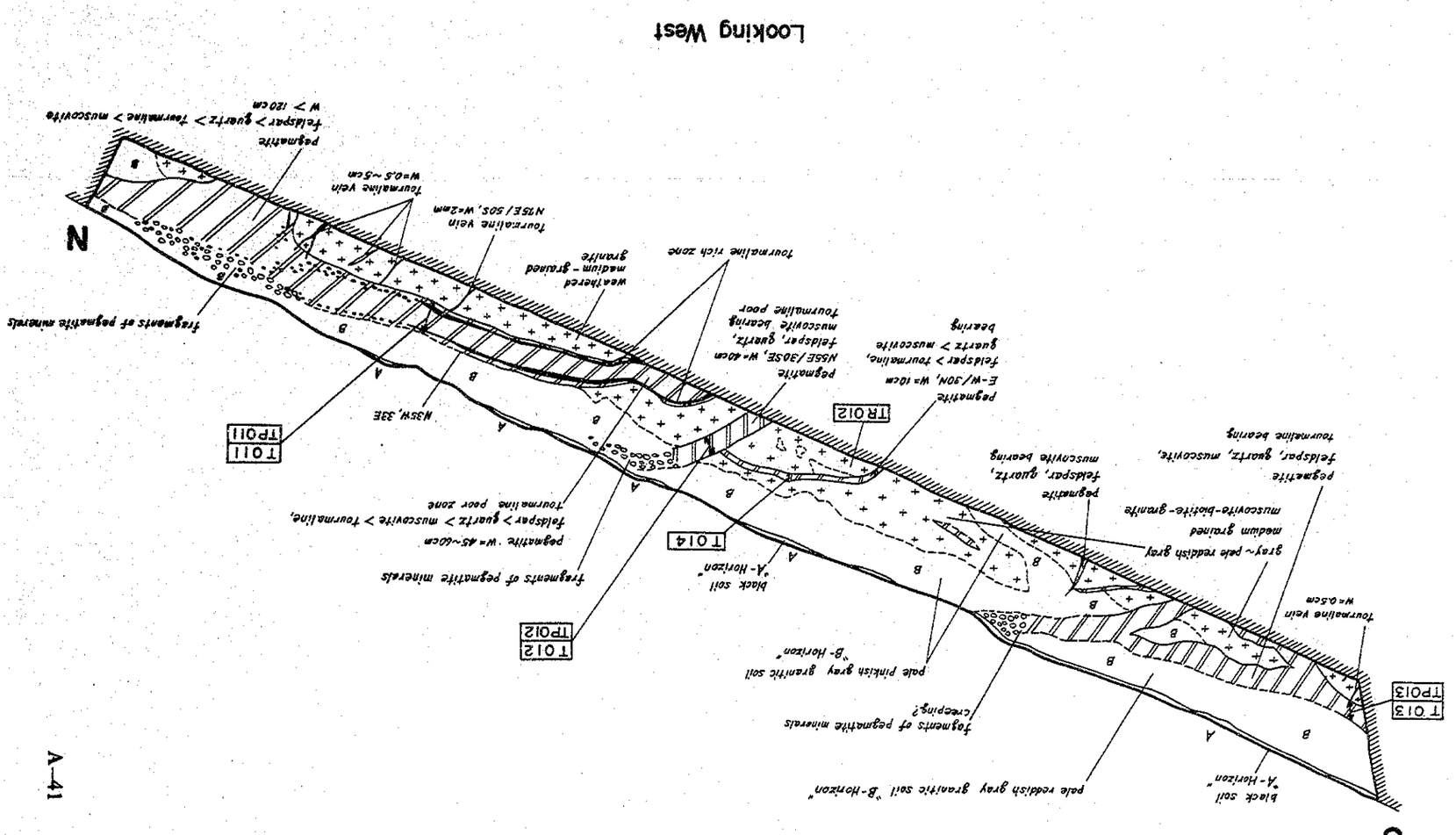
化学分析用試料採取位置・番号

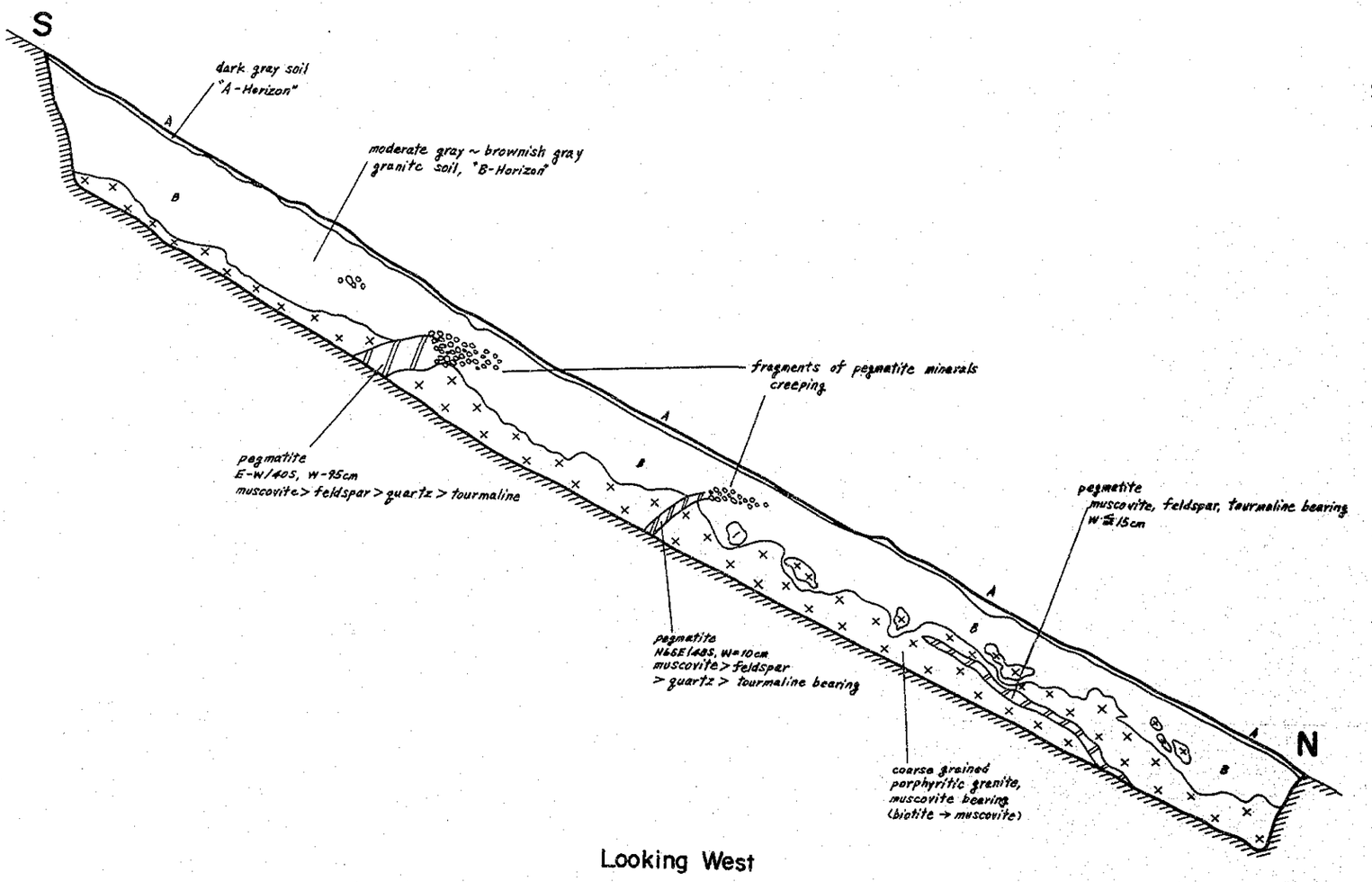
パンニング試料採取位置・番号

岩石試料採取位置・番号

T-1

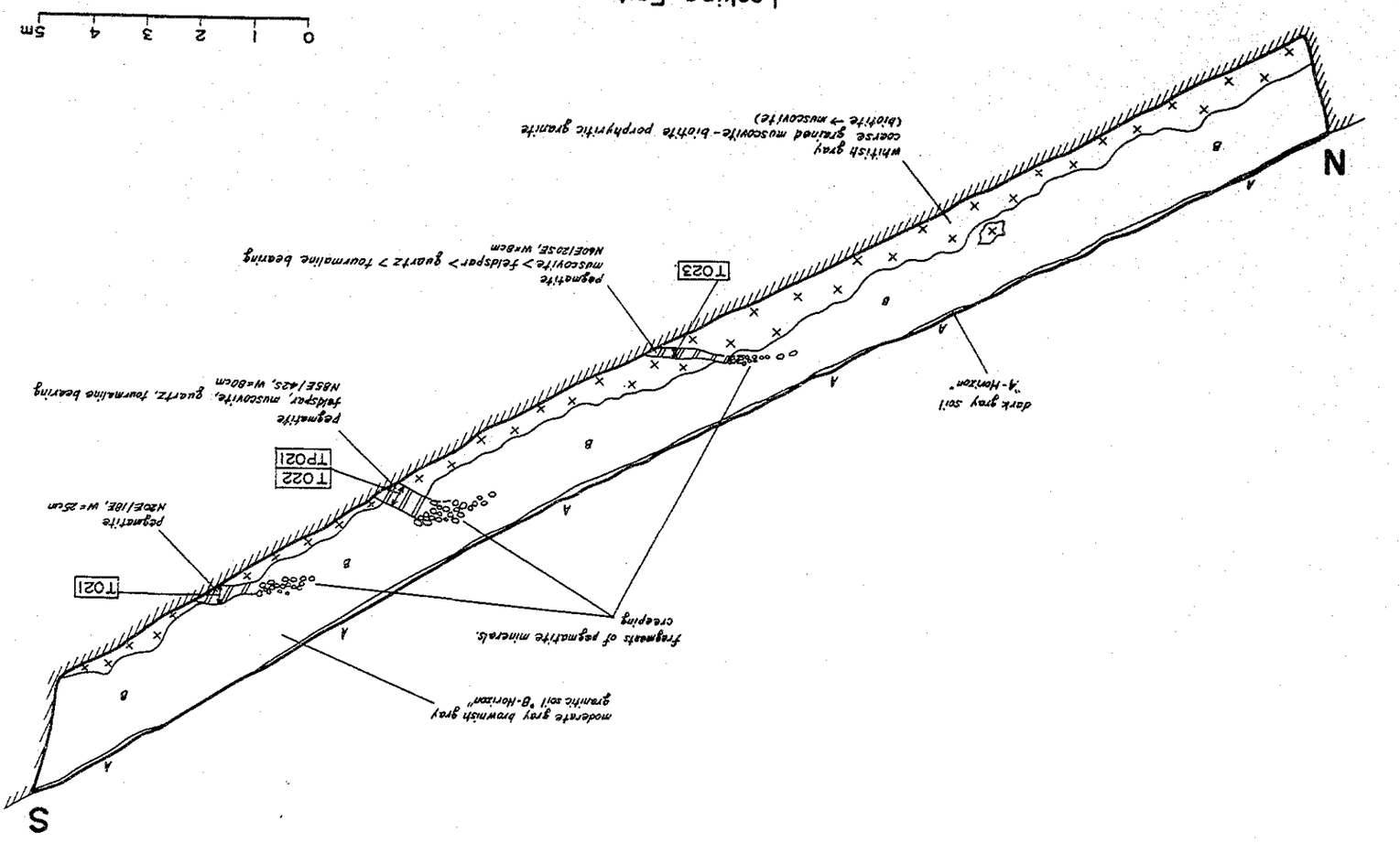

S
N
black~dark gray soil
"A-Horizon"
fragments of pegmatite minerals,
feldspar rich
creeping
pale pinkish gray
granitic soil,
"B-Horizon"
tourmaline vein
W=1cm
fragments of pegmatite minerals
creeping
pale pinkish gray
granitic soil
"B-Horizon"
tourmaline rich zone
W=1cm±
pegmatite
feldspar > quartz > muscovite ≫ tourmaline
tourmaline zone
tourmaline
pale reddish gray
"B-Horizon"
partly fragments of pegmatite minerals
feldsper, quartz, muscovite bearing
weathered white
medium grained (biotite) granite
pegmatite
feldspar > quartz > muscovite > tourmaline
(tourmaline rich)
Looking East
0 1 2 3 4 5m


Looking West
S
N
black soil
"A-Horizon"
pale reddish gray granitic soil "B-Horizon"
fragments of pegmatite minerals
creeping?
pale pinkish gray granitic soil
"B-Horizon"
tourmaline vein
W=0.5cm
gray~pale reddish gray
medium grained
muscovite-biotite-granite
pegmatite
feldspar, quartz, muscovite,
tourmaline bearing
pegmatite
feldspar, quartz,
muscovite bearing
black soil
"A-Horizon"
T014
pegmatite
N55E/30SE, W=40cm
feldspar, quartz,
muscovite bearing
tourmaline poor
tourmaline rich zone
weathered
medium - grained
granite
tourmaline vein
N75E/50S, W=2mm
tourmaline vein
W=0.5~5cm
pegmatite
feldspar > quartz > tourmaline > muscovite
W > 120cm
fragments of pegmatite minerals
pegmatite W=45~60cm
feldspar > quartz > muscovite > tourmaline,
tourmaline poor zone
N35W, 33E
TR012
T011
TP011
T012
TP012
T013
TP013



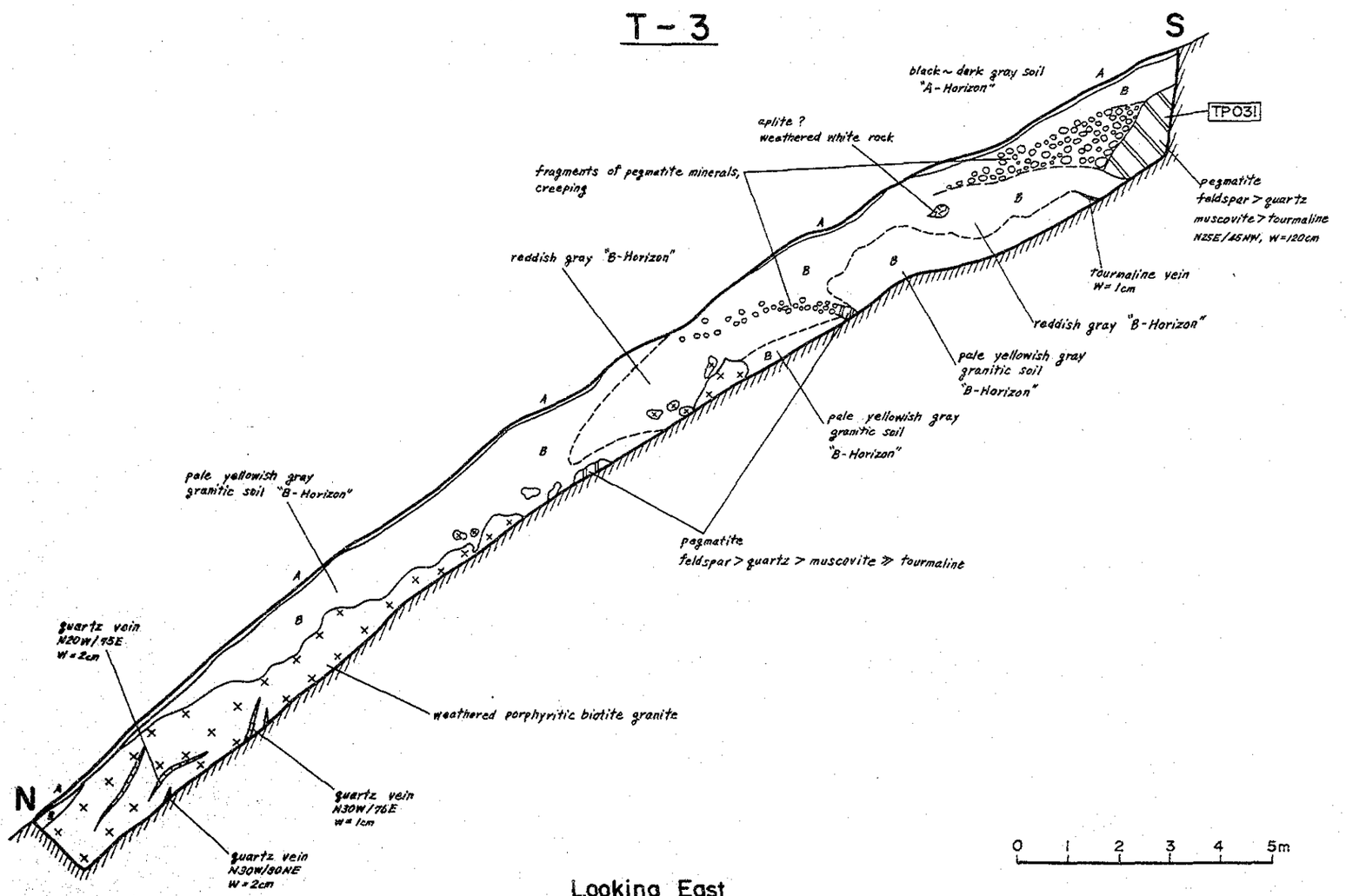
Looking West

T-2

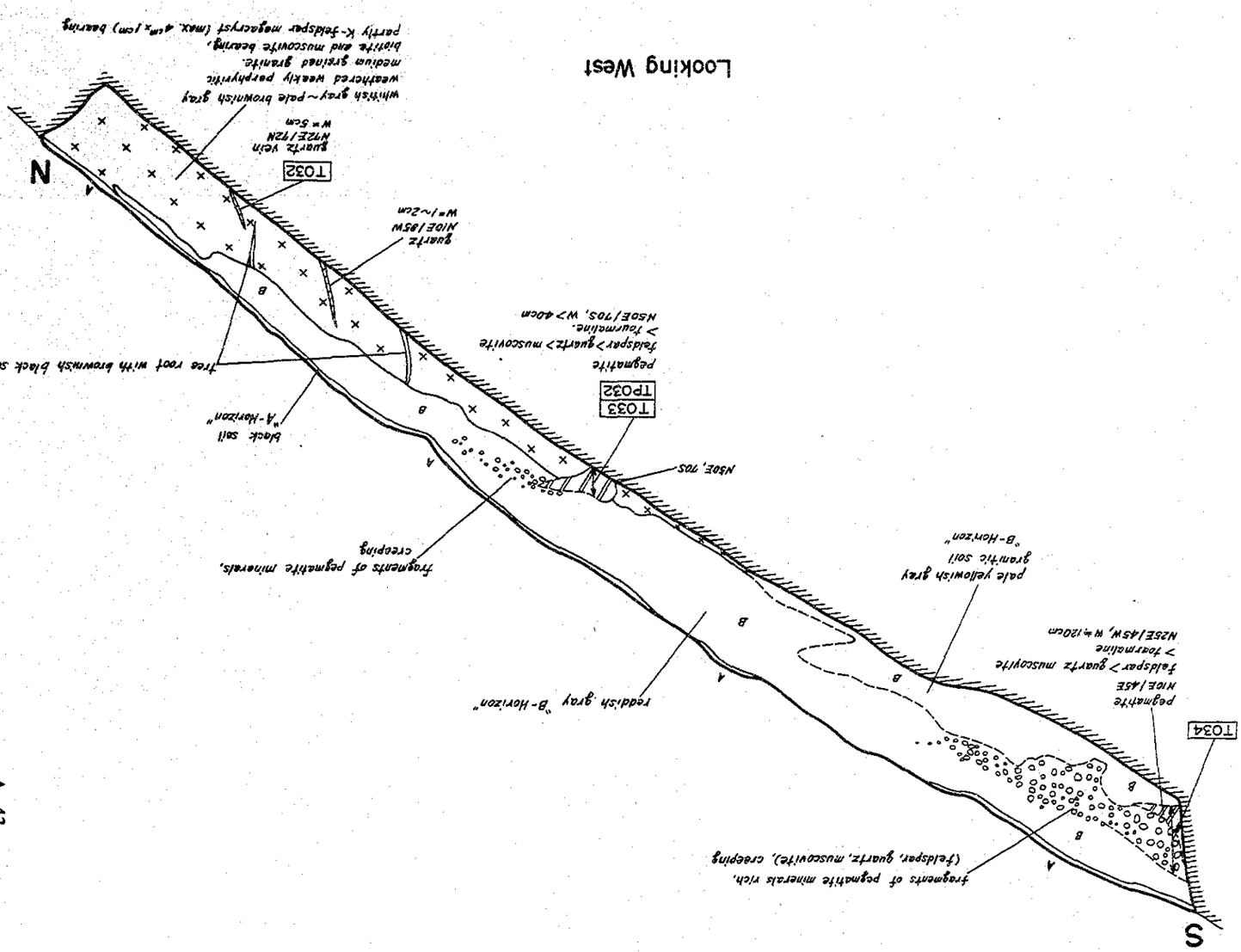


Looking East

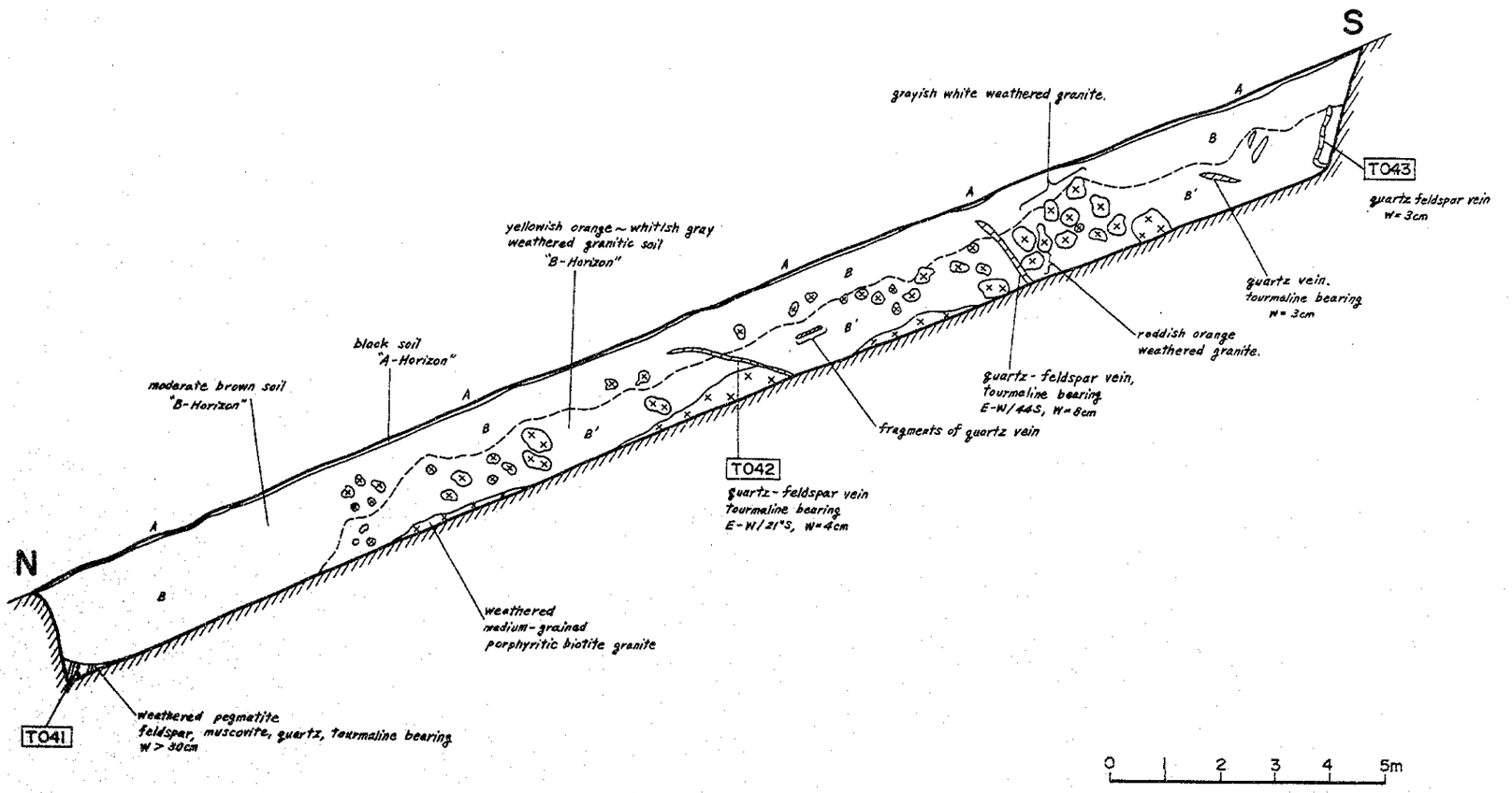
T - 3



Looking East

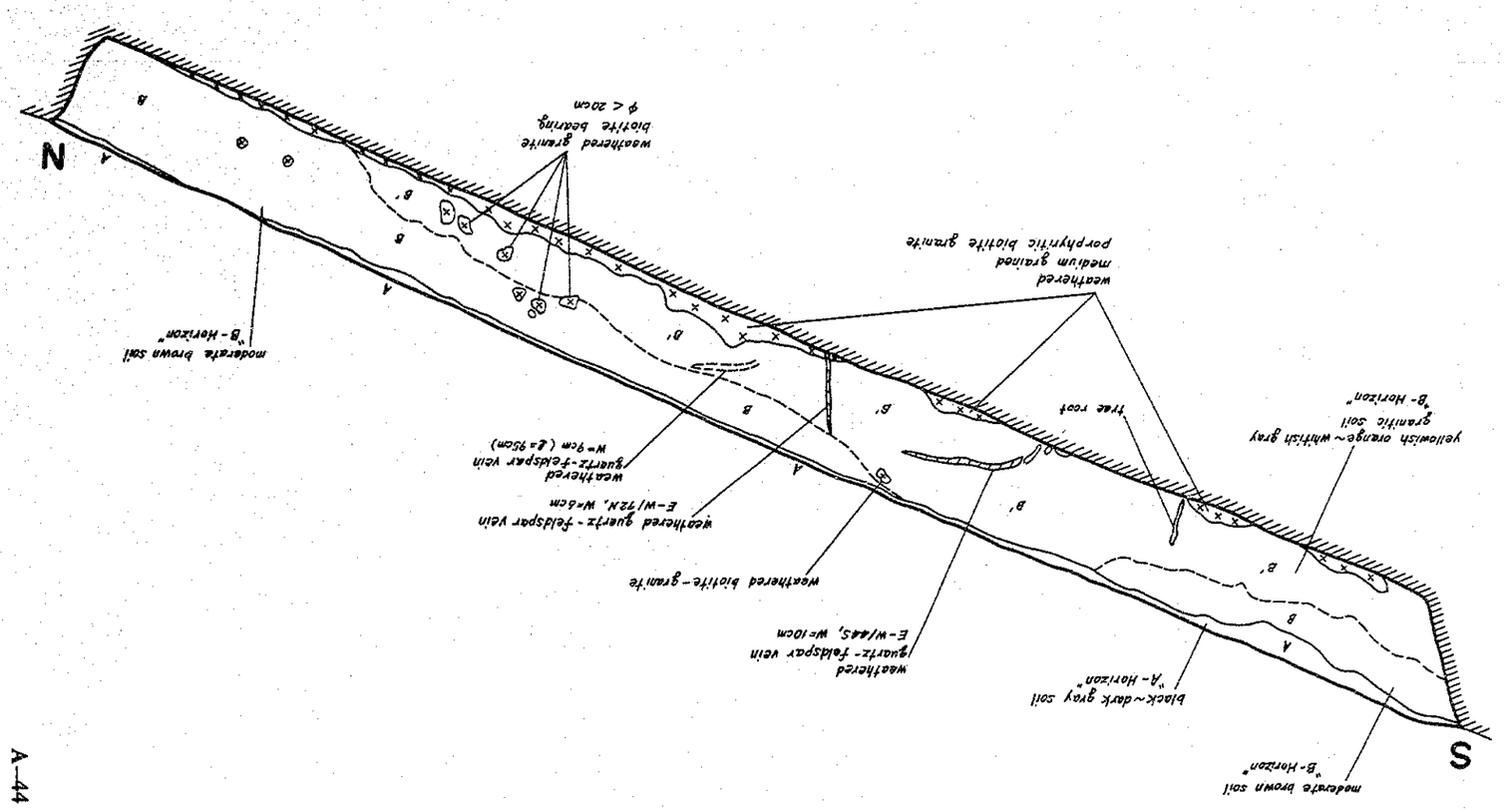


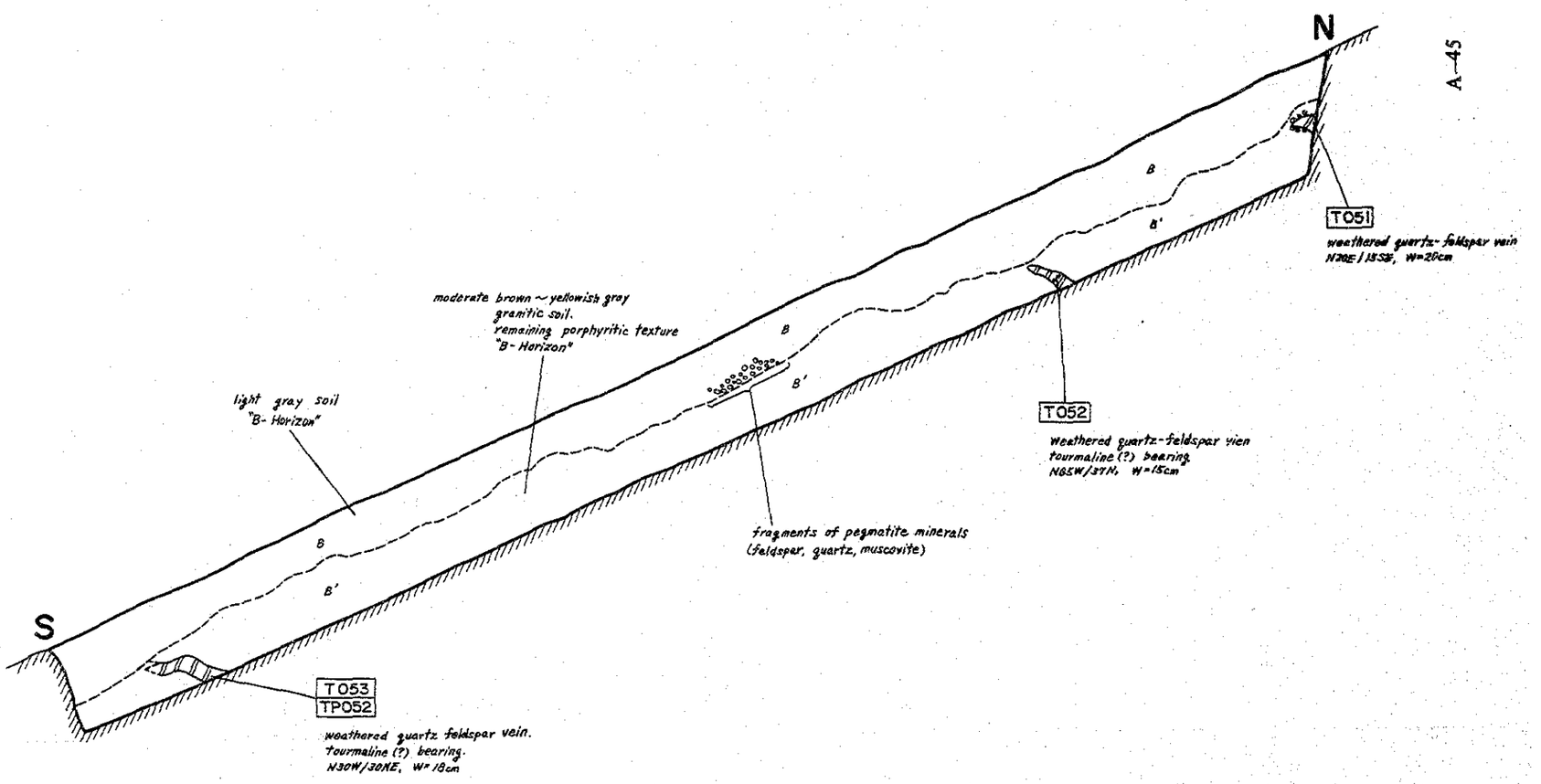
T-4



Looking East

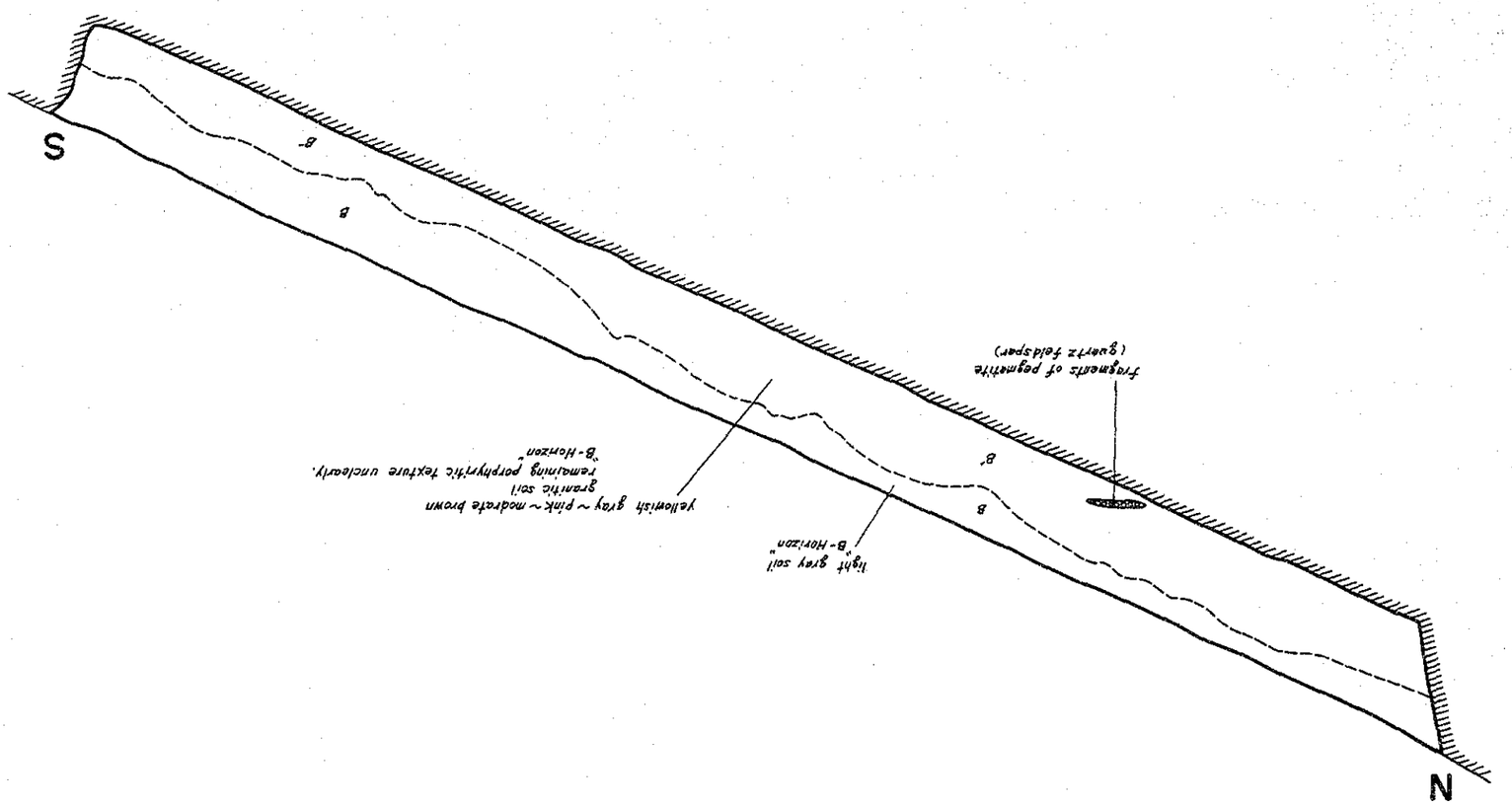
Looking West





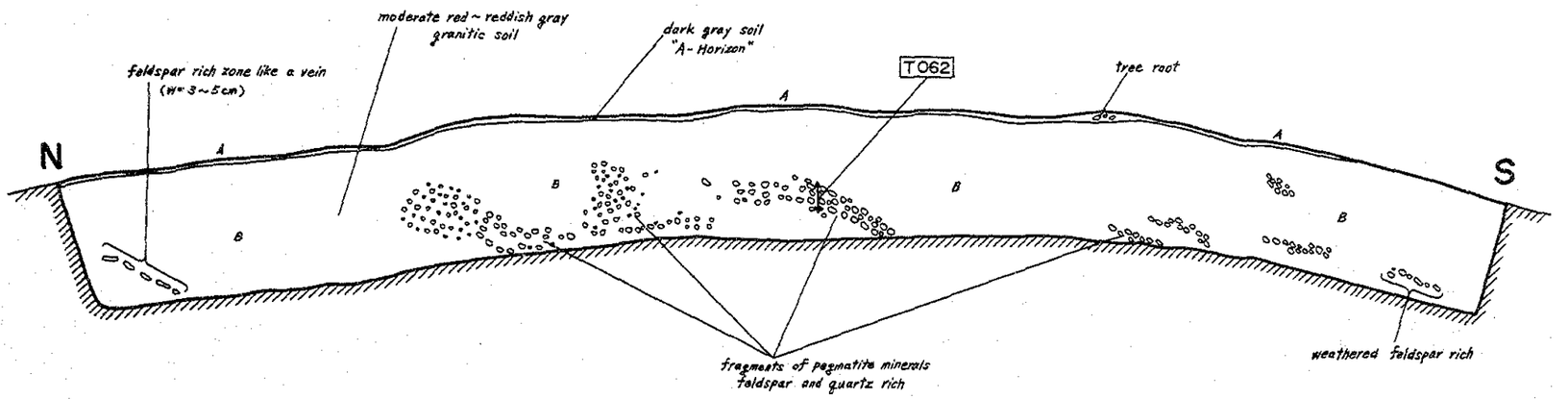
Looking West

T-5



Looking East

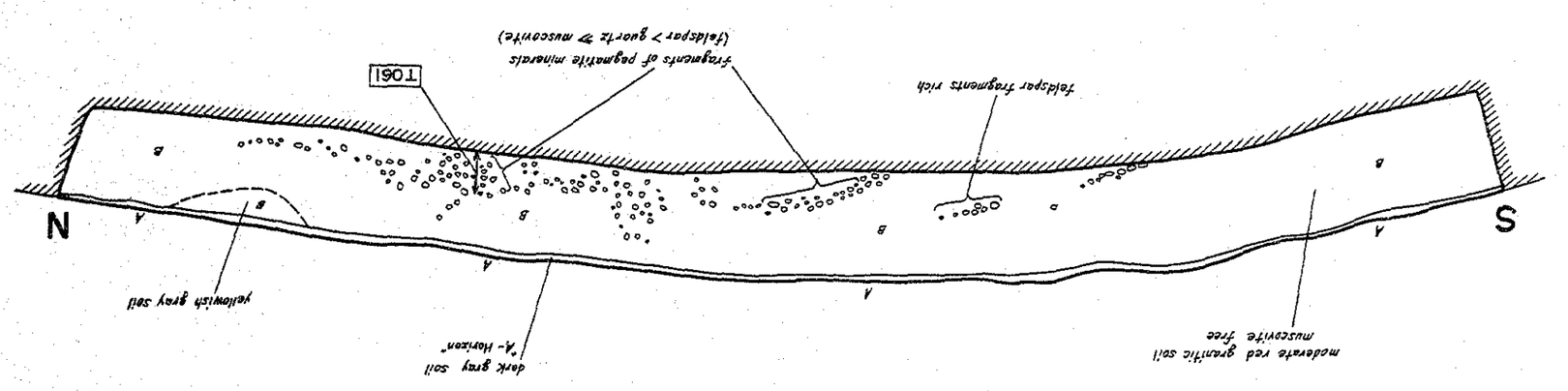
T - 6



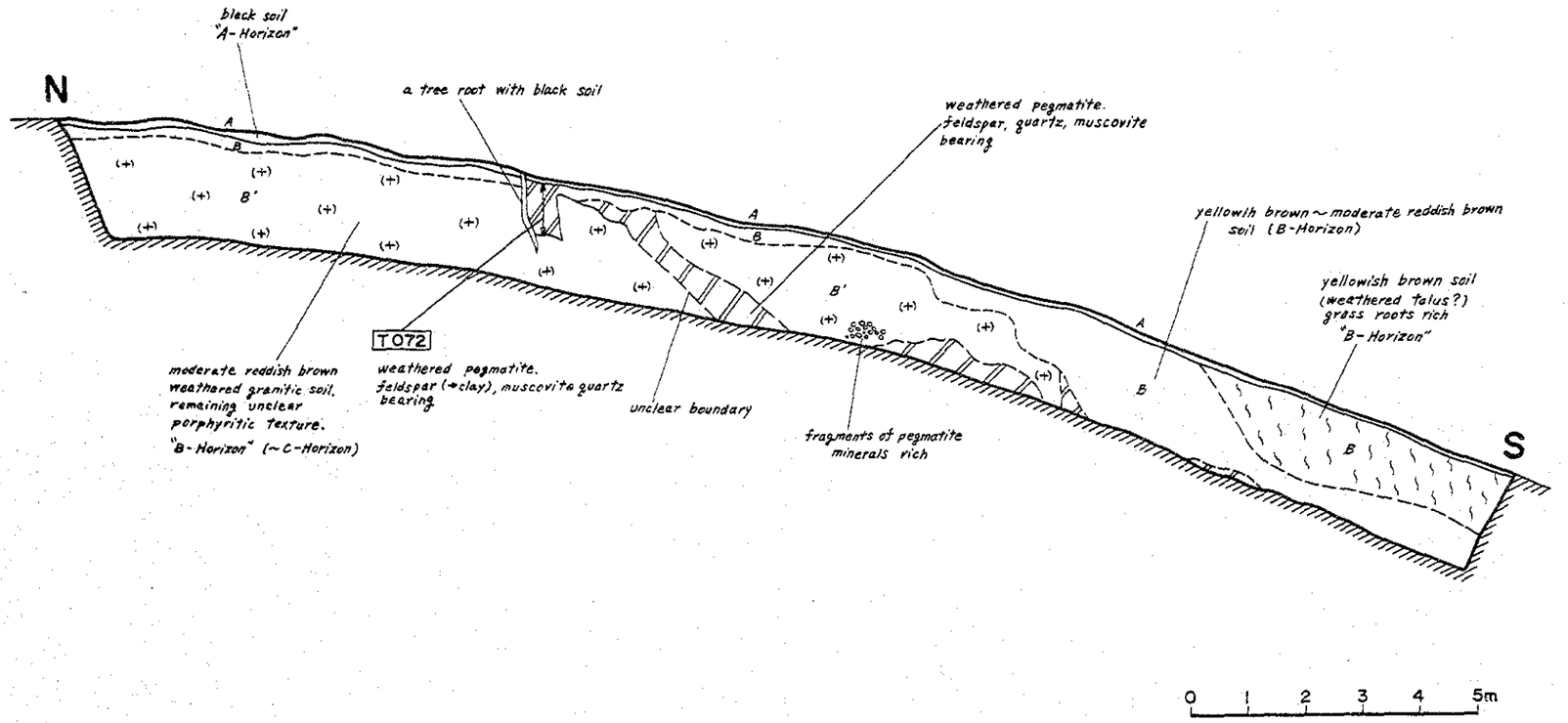
0 1 2 3 4 5m

Looking East

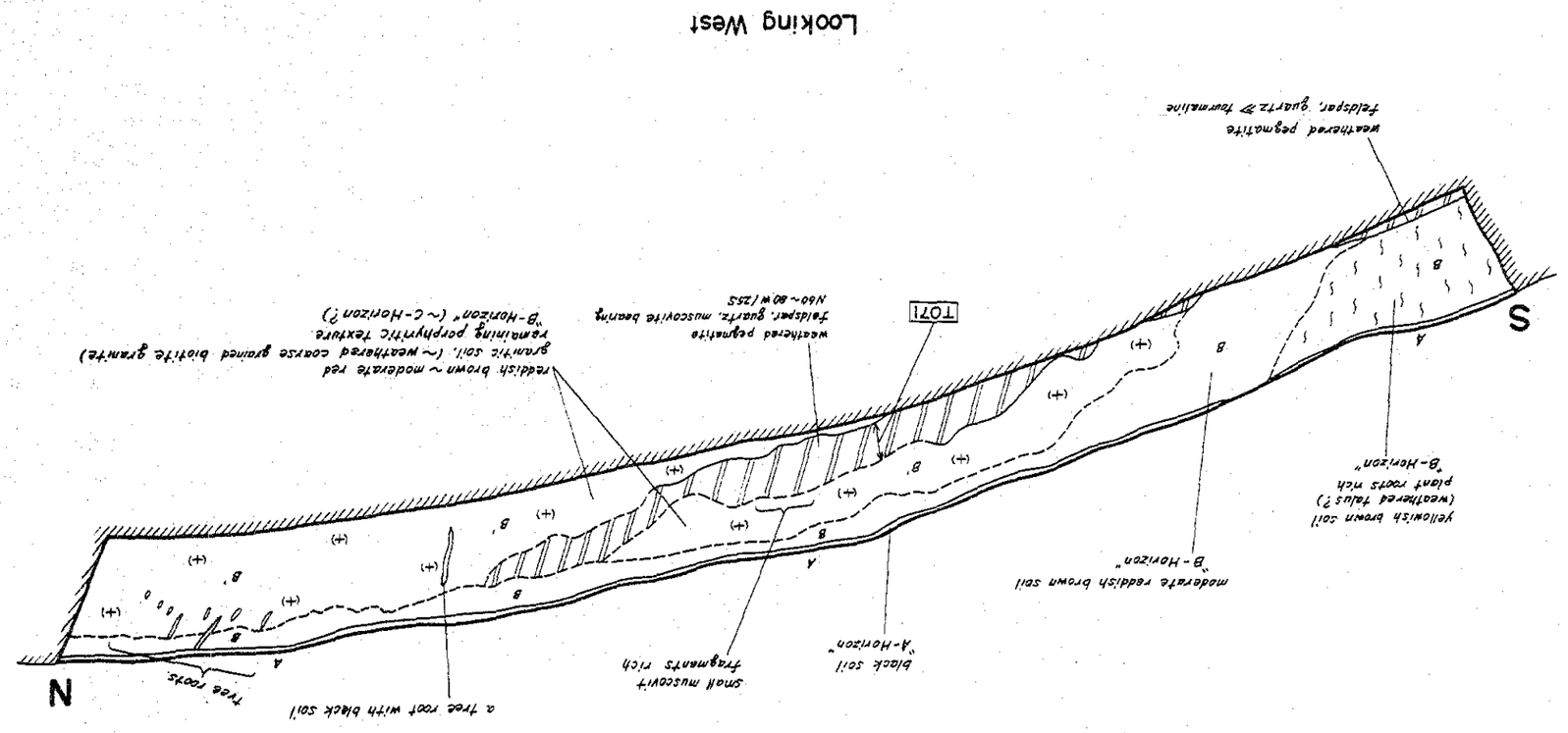
Looking West



T-7

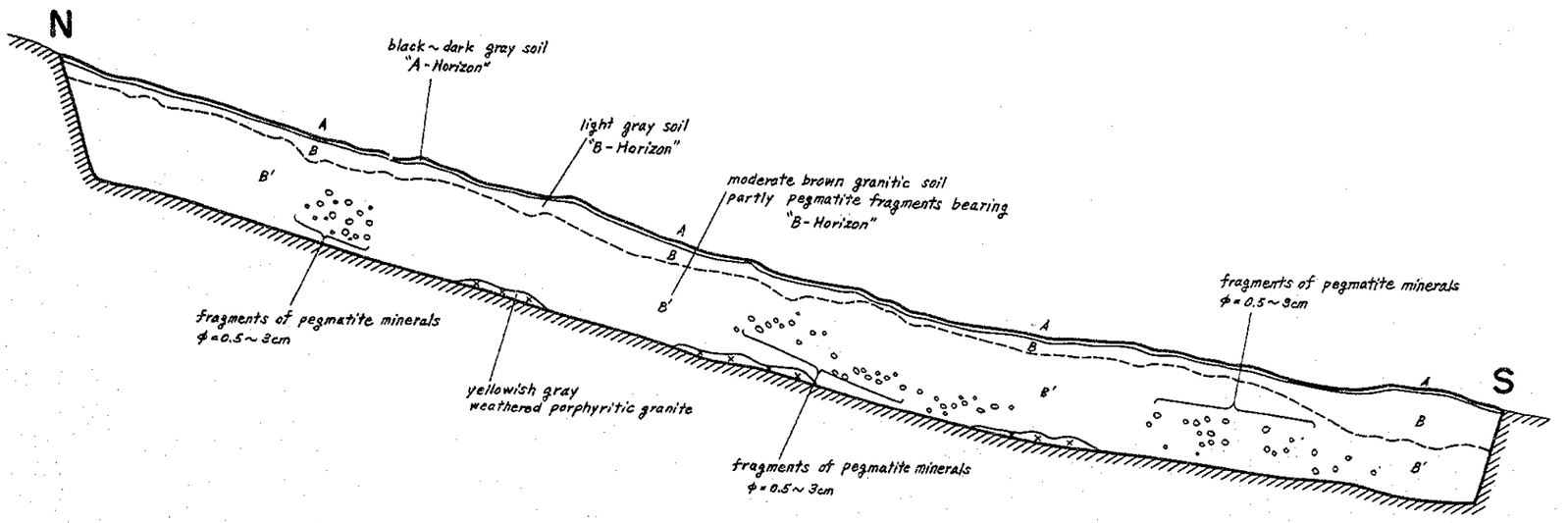


Looking East



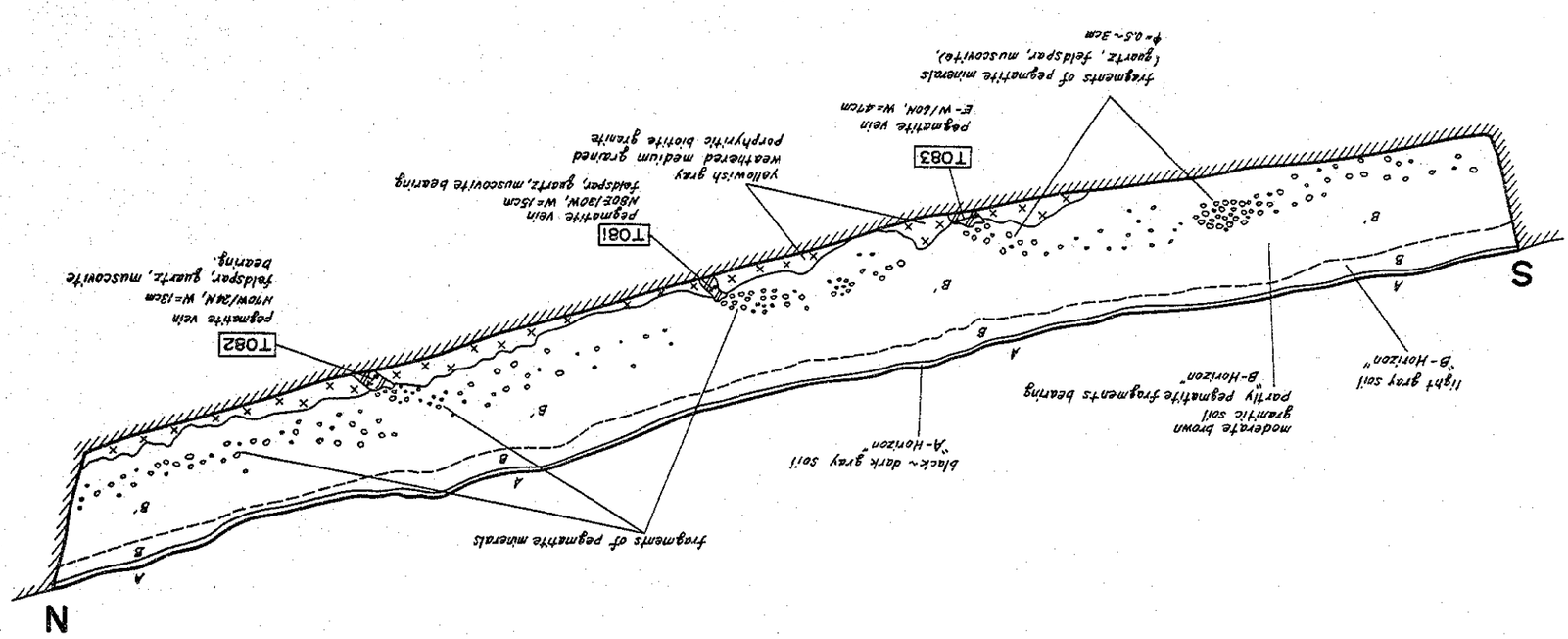
Looking West

T-8



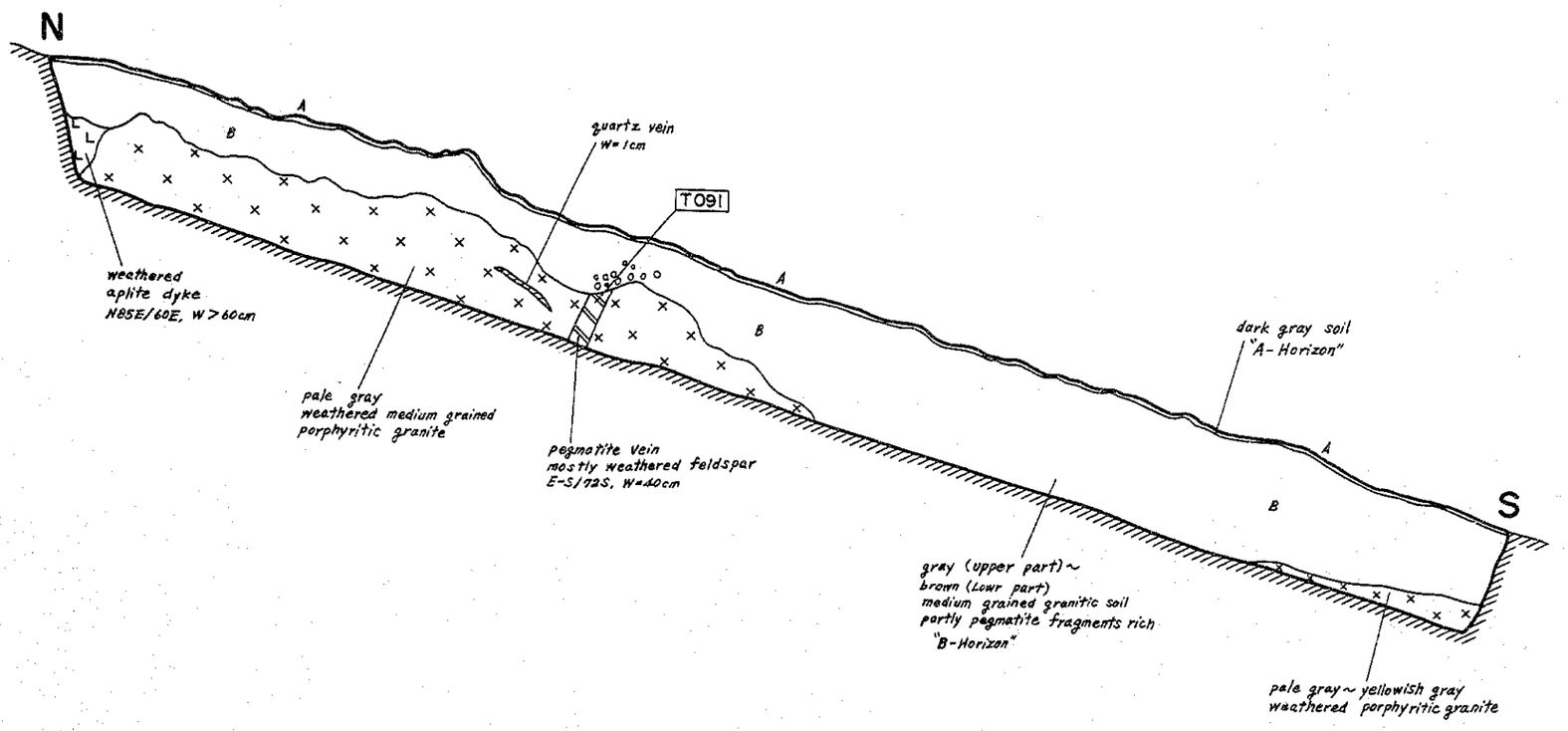
0 1 2 3 4 5m

Looking East



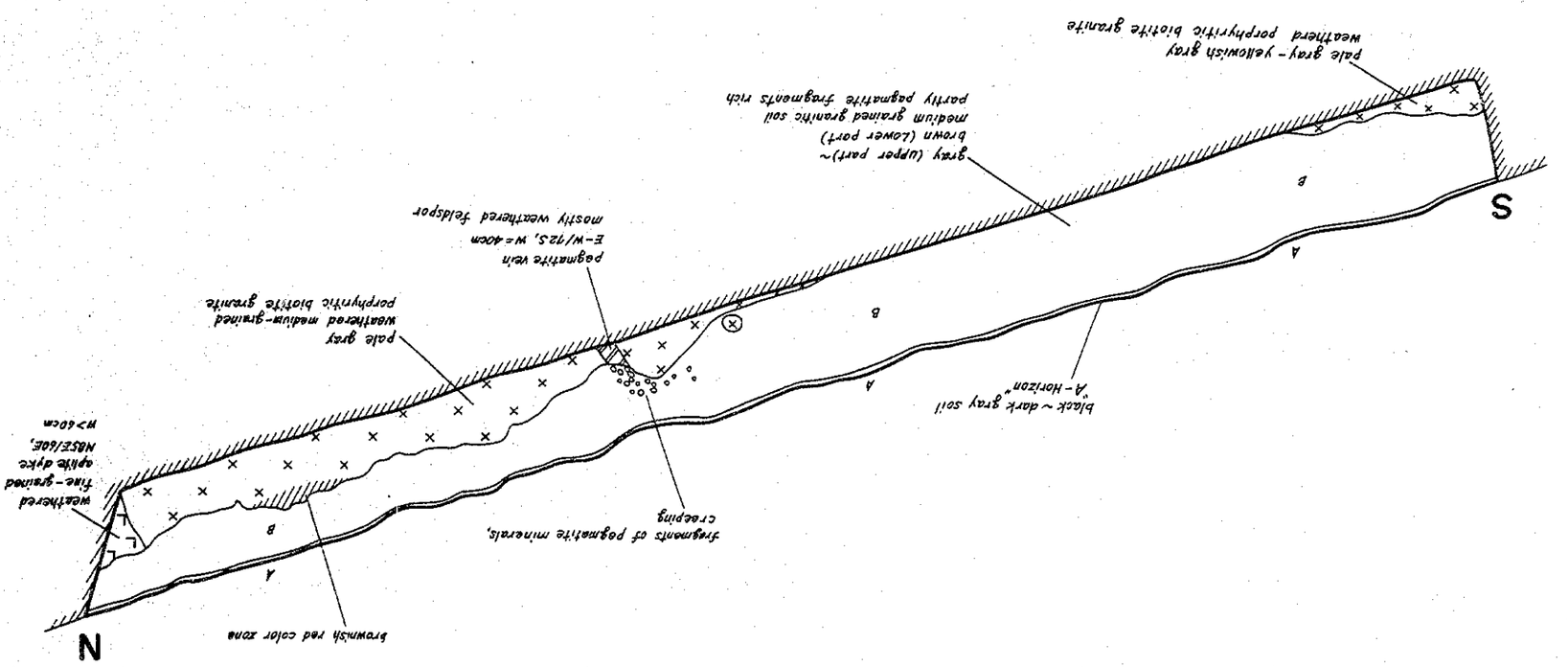
Looking West

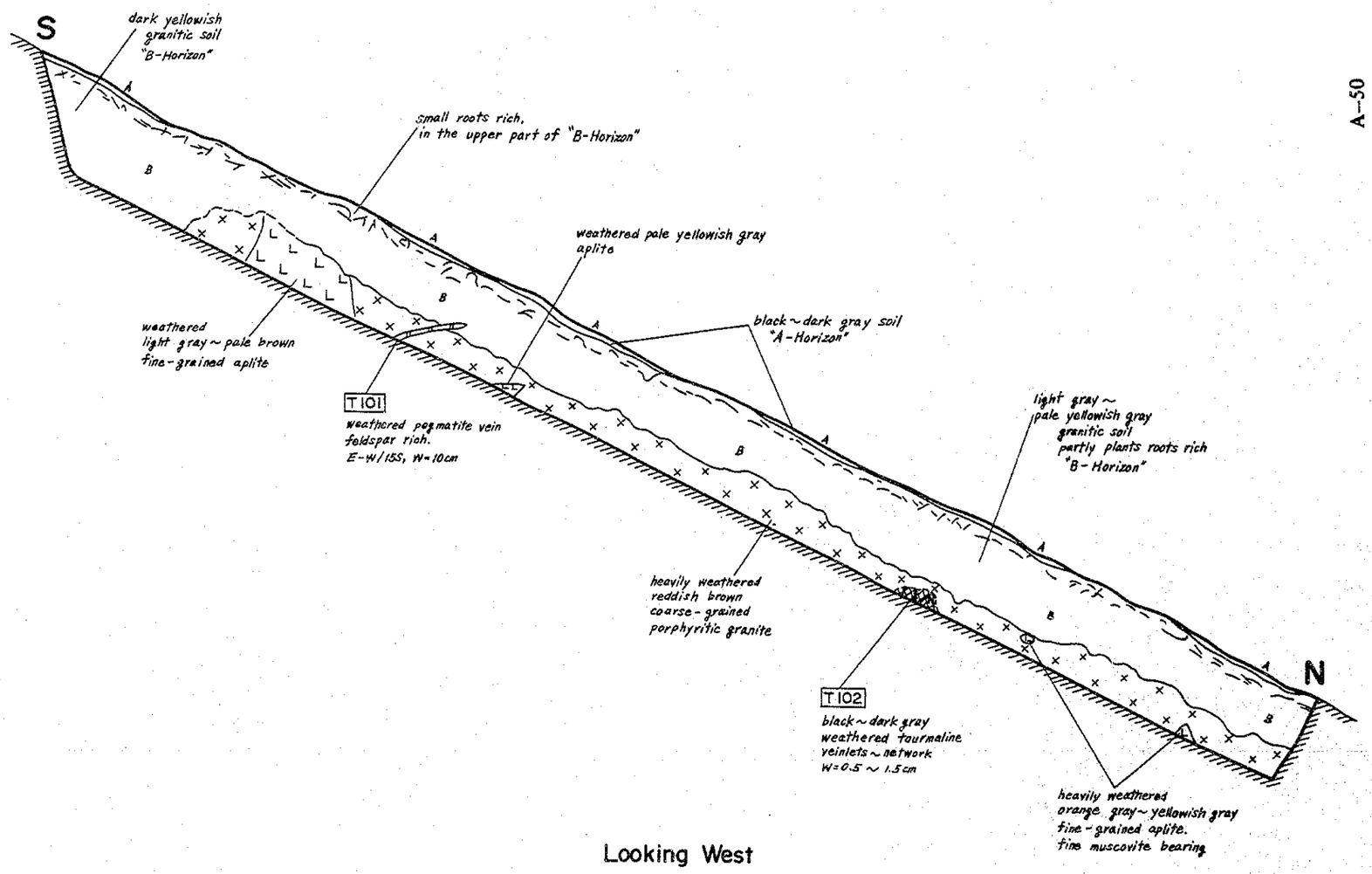
T-9



Looking East

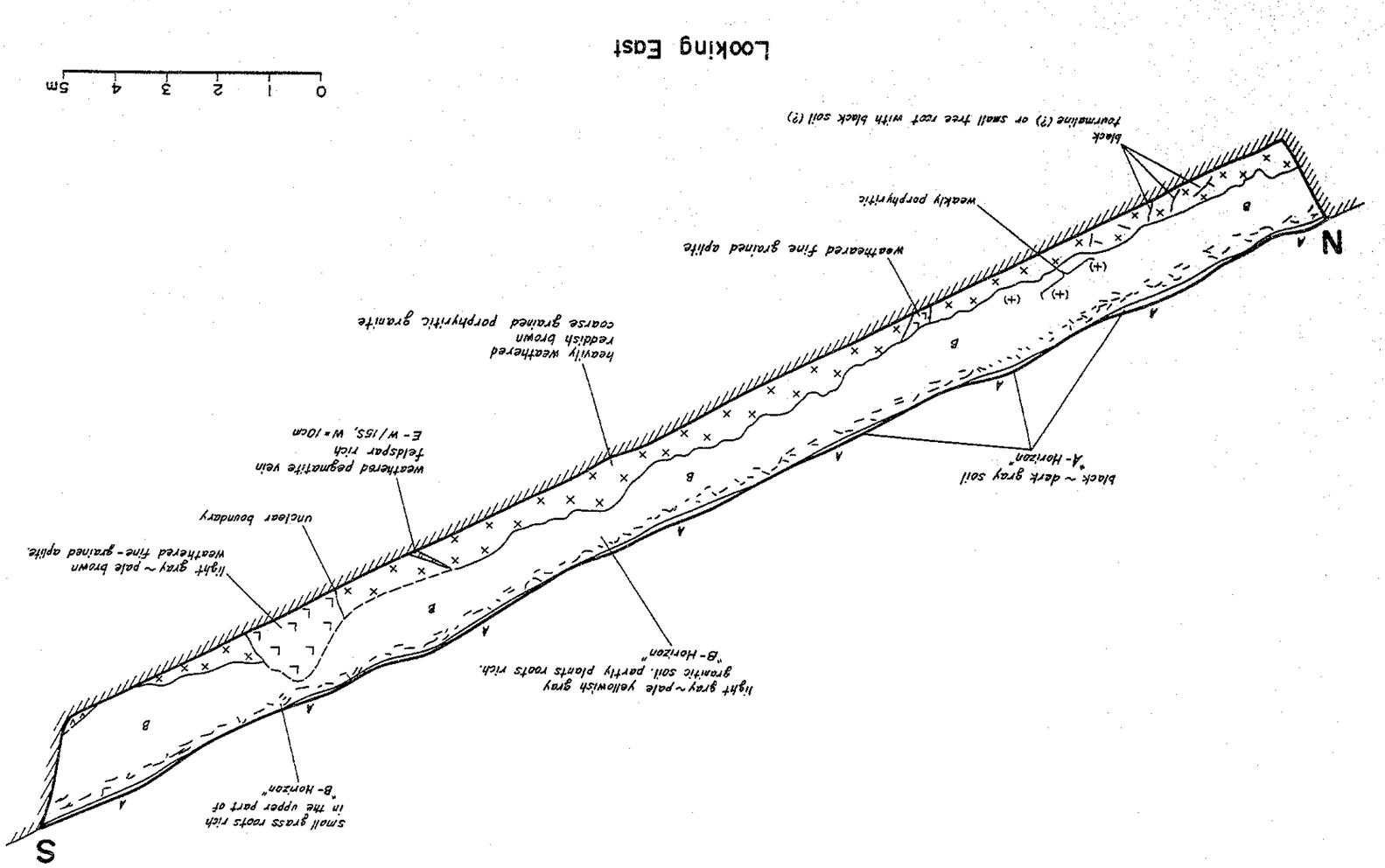
Looking West



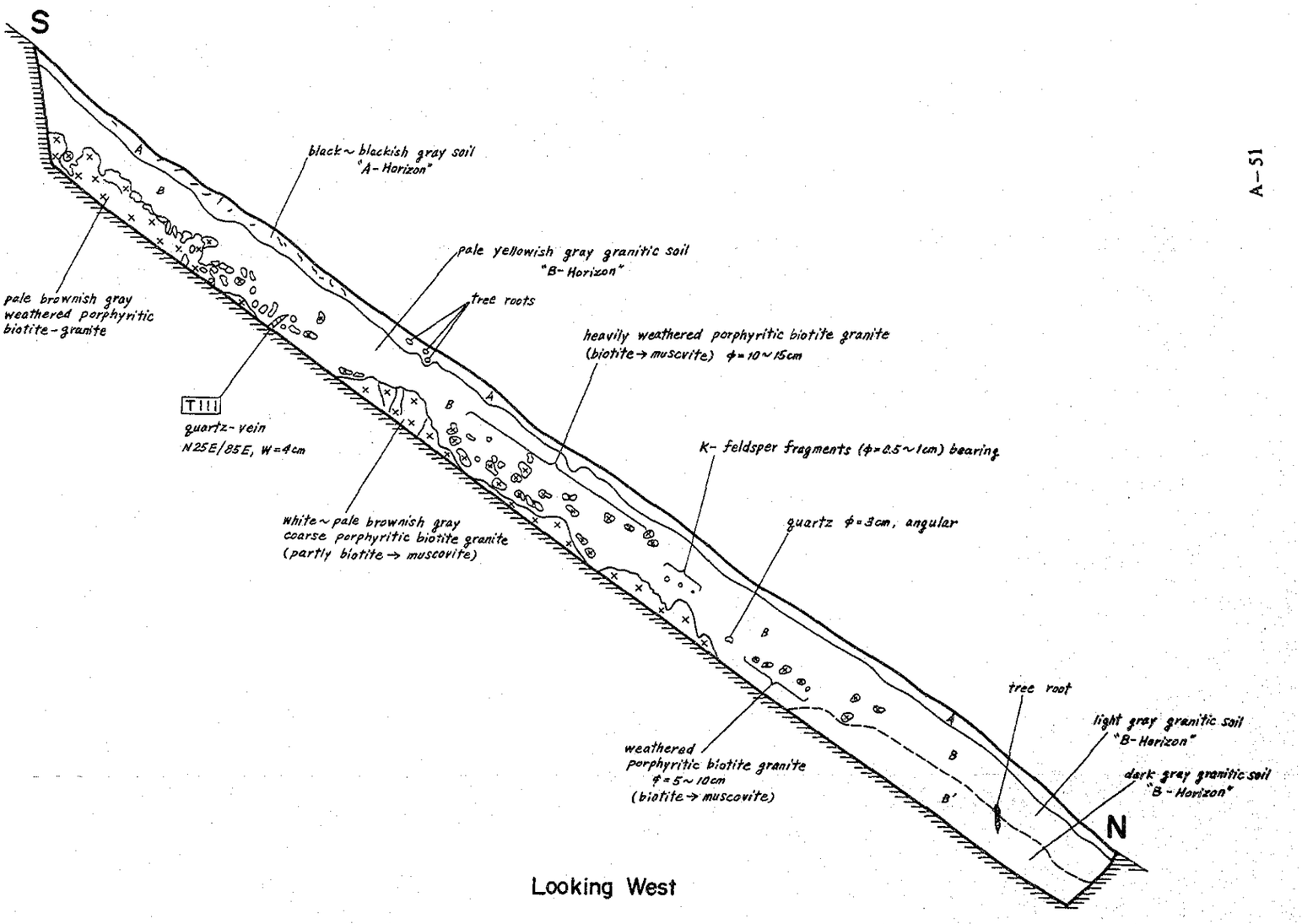


Looking West

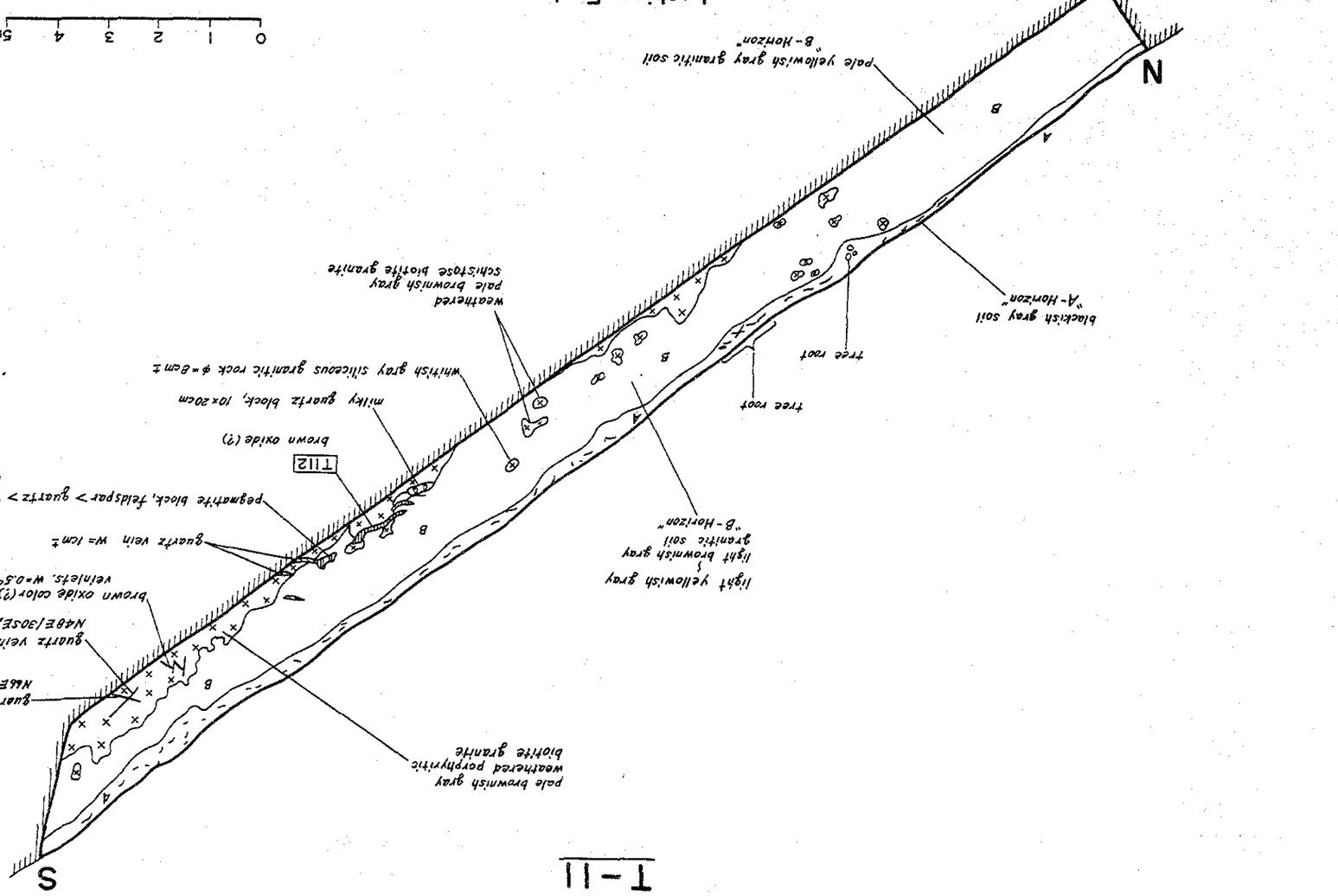
T-10



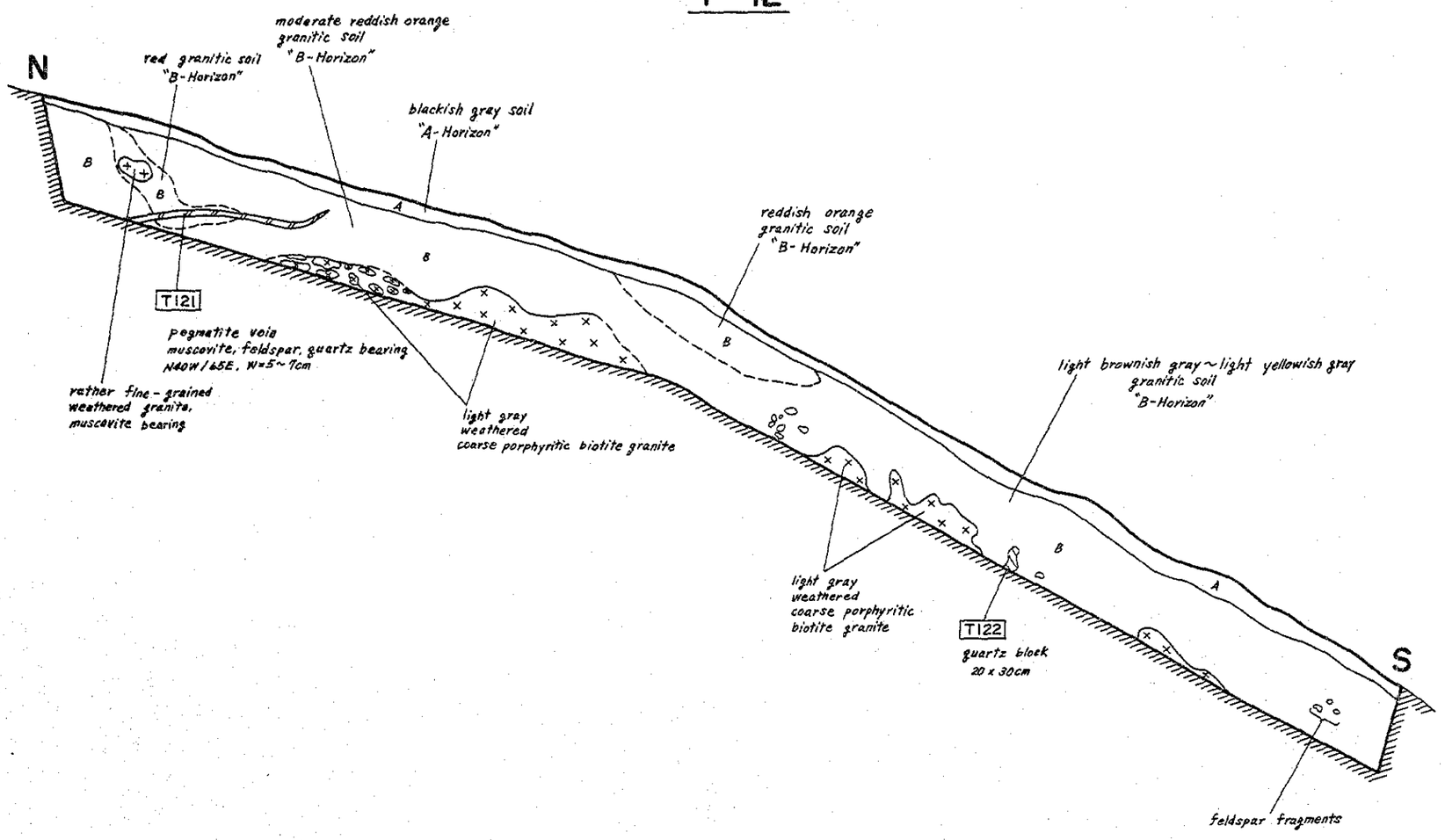
Looking East


S
N
black~blackish gray soil
"A-Horizon"
pale yellowish gray granitic soil
"B-Horizon"
tree roots
pale brownish gray
weathered porphyritic
biotite-granite
T111
quartz-vein
N25E/85E, W=4cm
heavily weathered porphyritic biotite granite
(biotite→muscovite) φ=10~15cm
K-feldsper fragments (φ=0.5~1cm) bearing
quartz φ=3cm, angular
white~pale brownish gray
coarse porphyritic biotite granite
(partly biotite→muscovite)
tree root
light gray granitic soil
"B-Horizon"
dark gray granitic soil
"B-Horizon"
weathered
porphyritic biotite granite
φ=5~10cm
(biotite→muscovite)
A
B
B'
Looking West

T-11

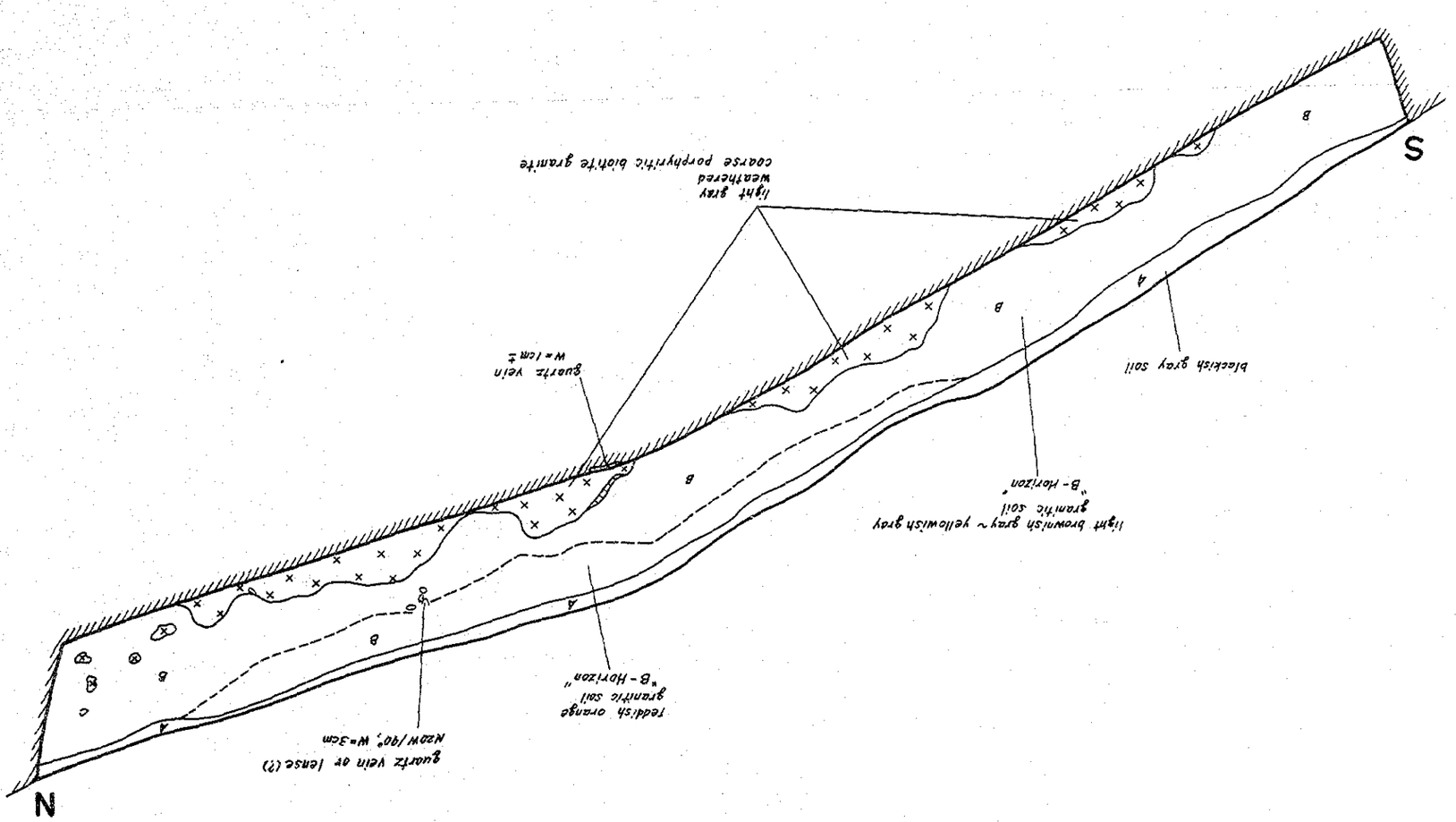

S
N
pale brownish gray
weathered porphyritic
biotite granite
quartz vein
N66E/44N, W=1cm
quartz vein
N48E/30SE, W=0.5cm
brown oxide color(?)
veinlets. W=0.5cm
quartz vein W=1cm±
pegmatite block, feldspar>quartz>tourmaline
bearing
T112
brown oxide (?)
milky quartz block, 10×20cm
whitish gray siliceous granitic rock φ=8cm±
weathered
pale brownish gray
schistose biotite granite
light yellowish gray
light brownish gray
granitic soil
"B-Horizon"
tree root
tree root
blackish gray soil
"A-Horizon"
pale yellowish gray granitic soil
"B-Horizon"
A
B
Looking East
0 1 2 3 4 5m

T-12



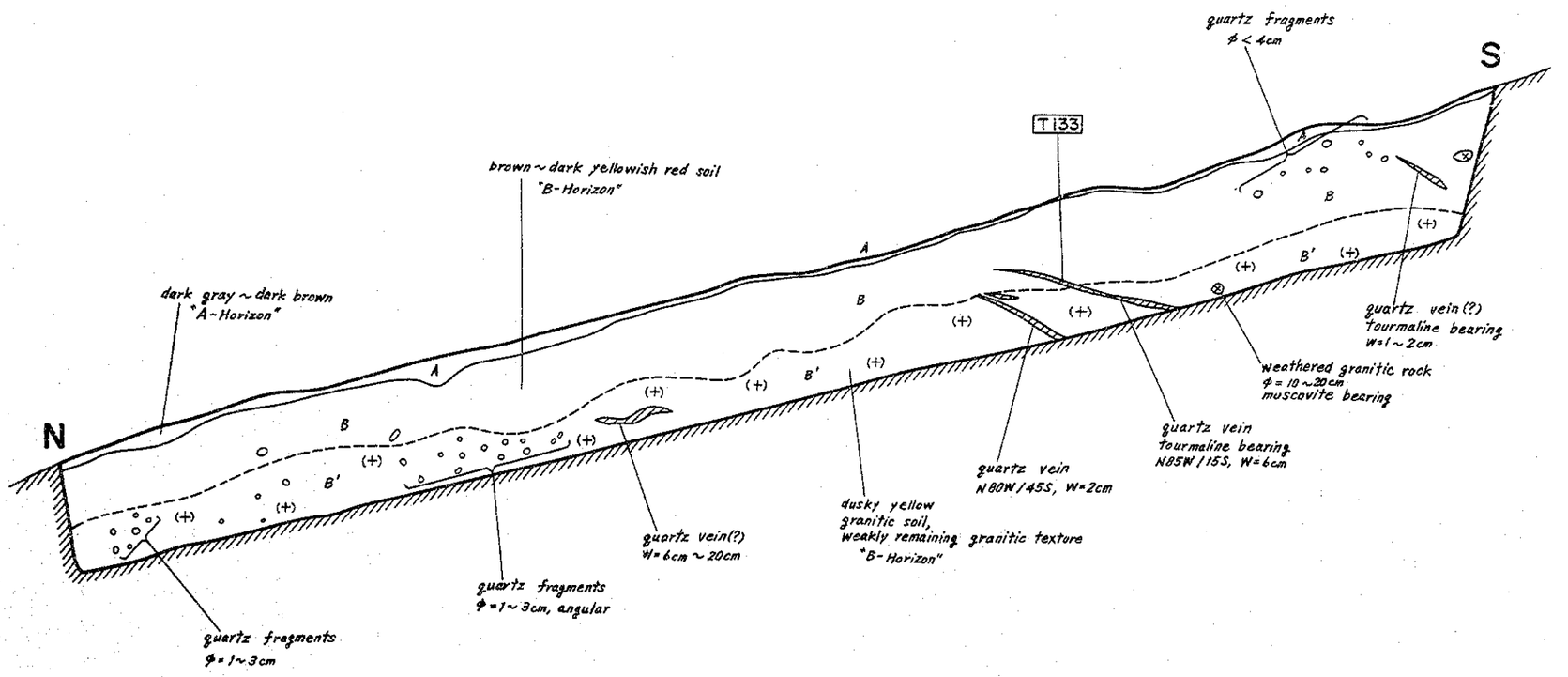
Looking East

0 1 2 3 4 5m



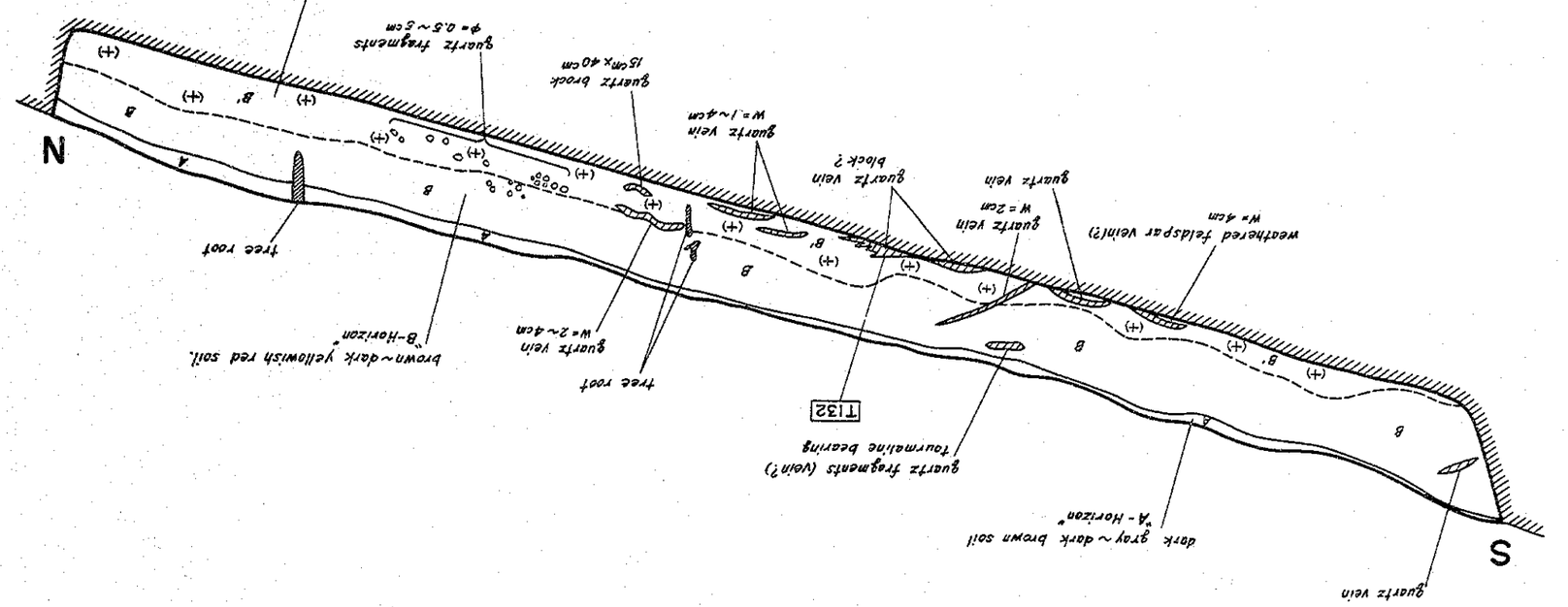
Looking West

T-13



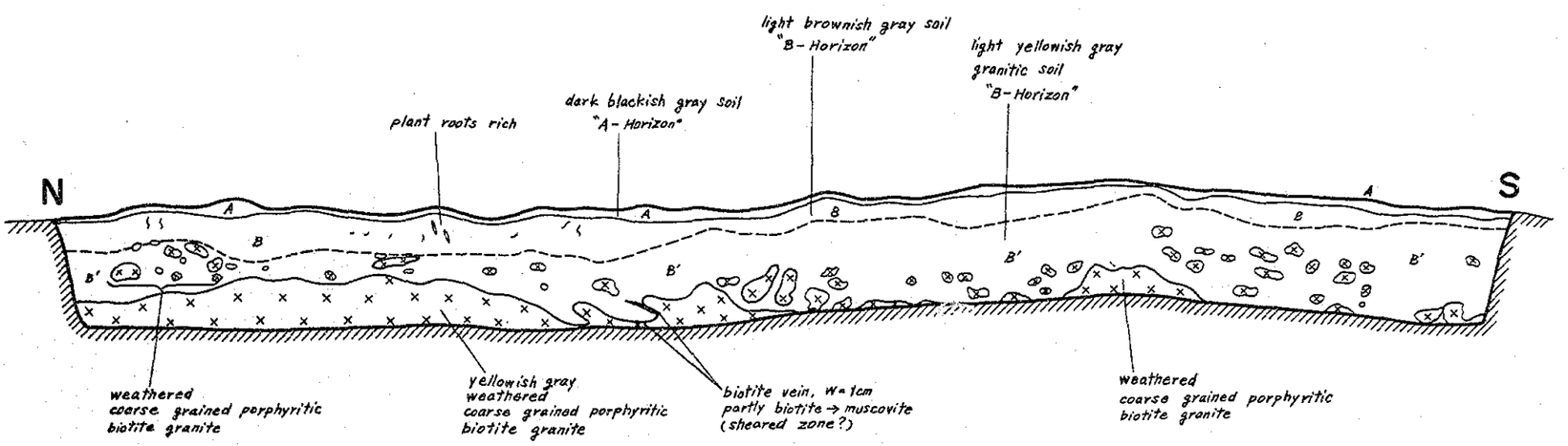
0 1 2 3 4 5m

Looking East



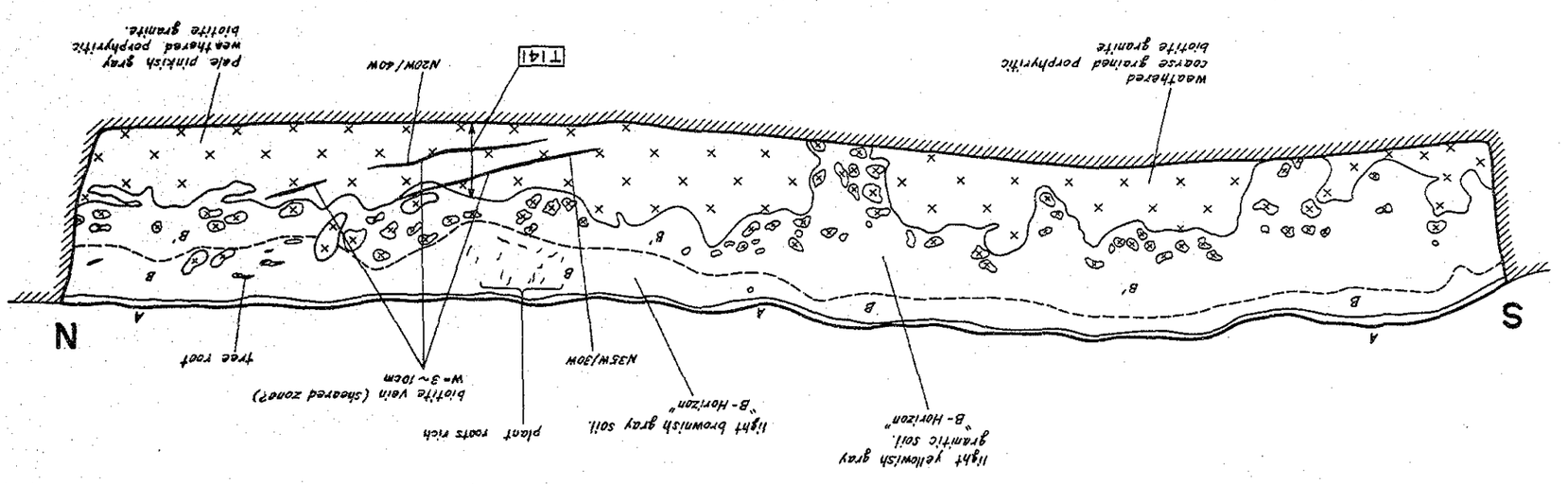
Looking West

T-14

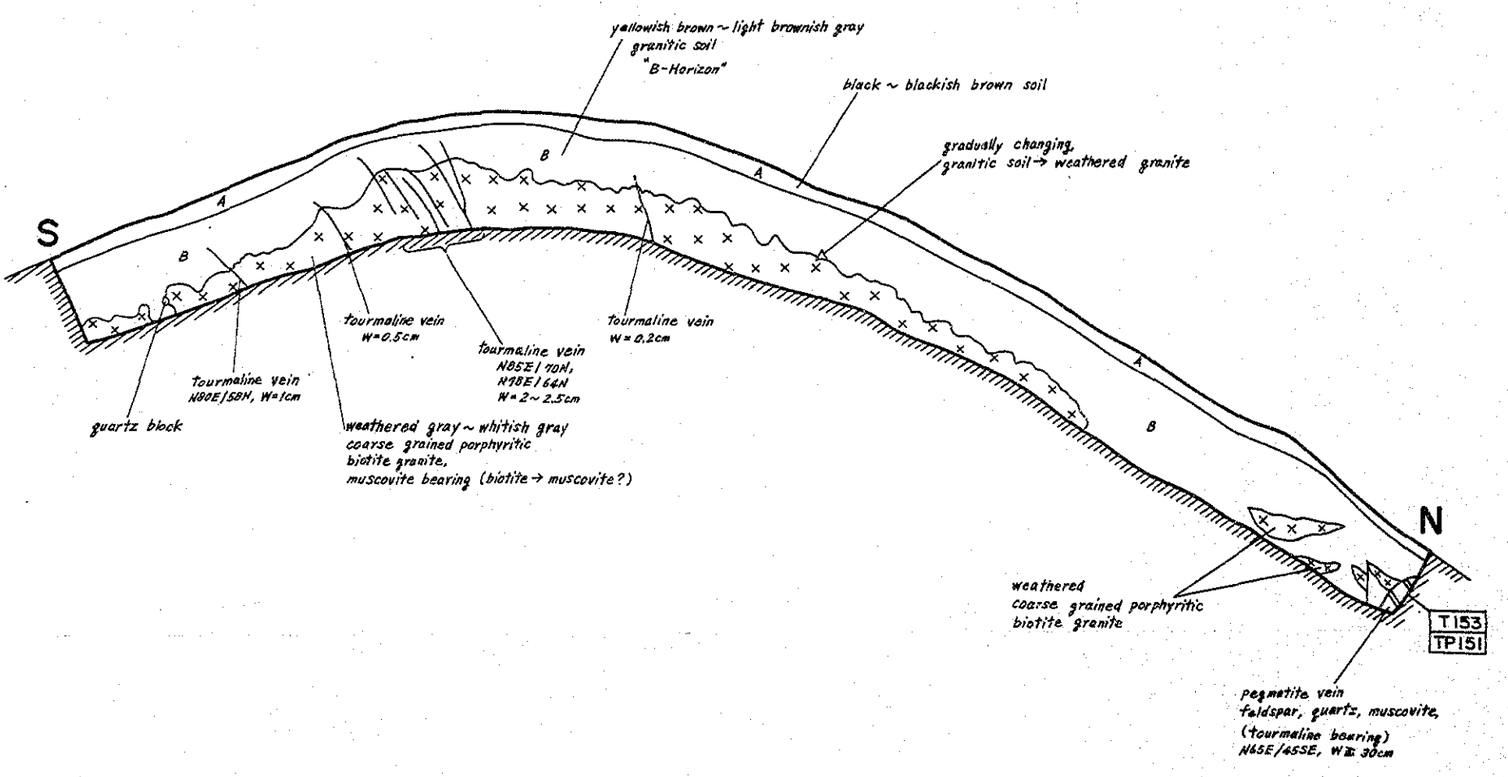


0 1 2 3 4 5m

Looking East

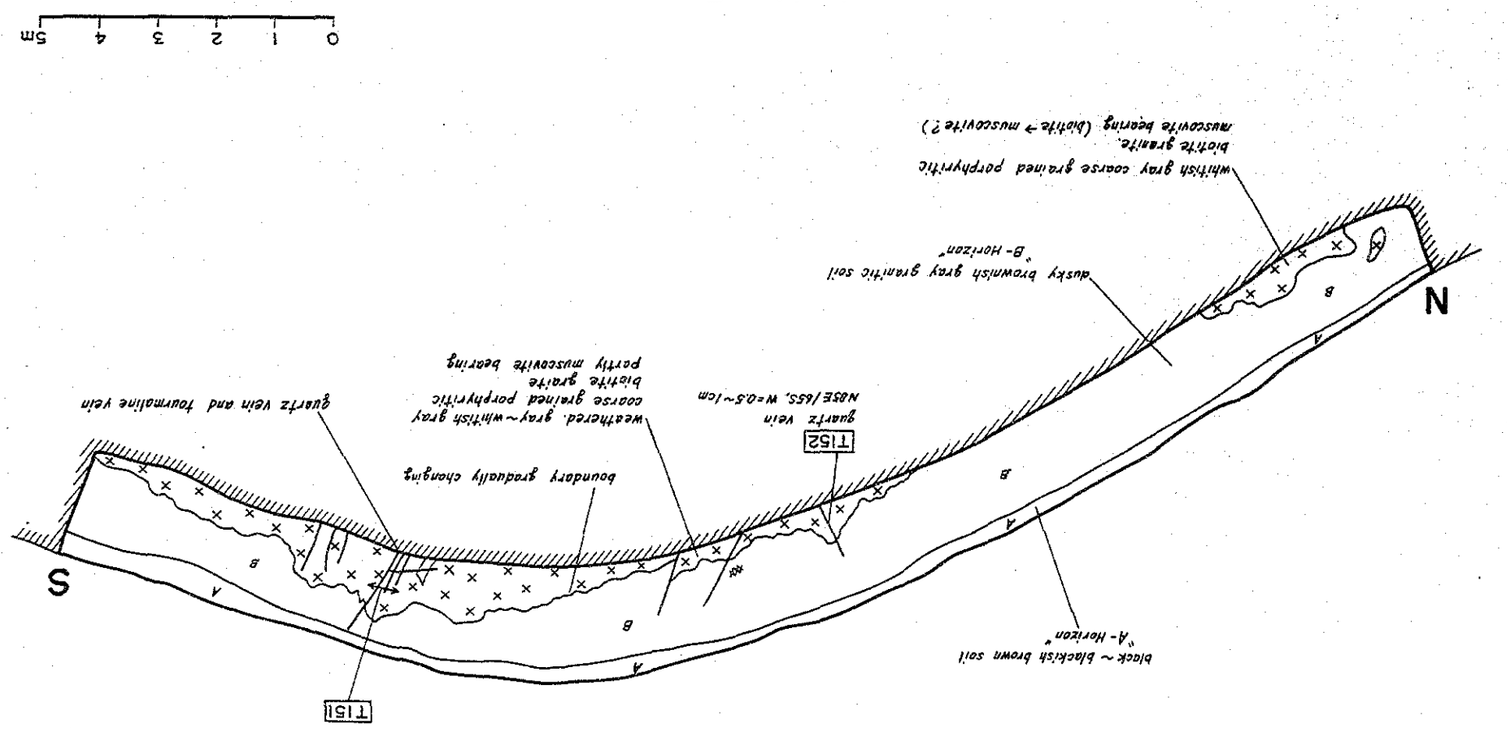


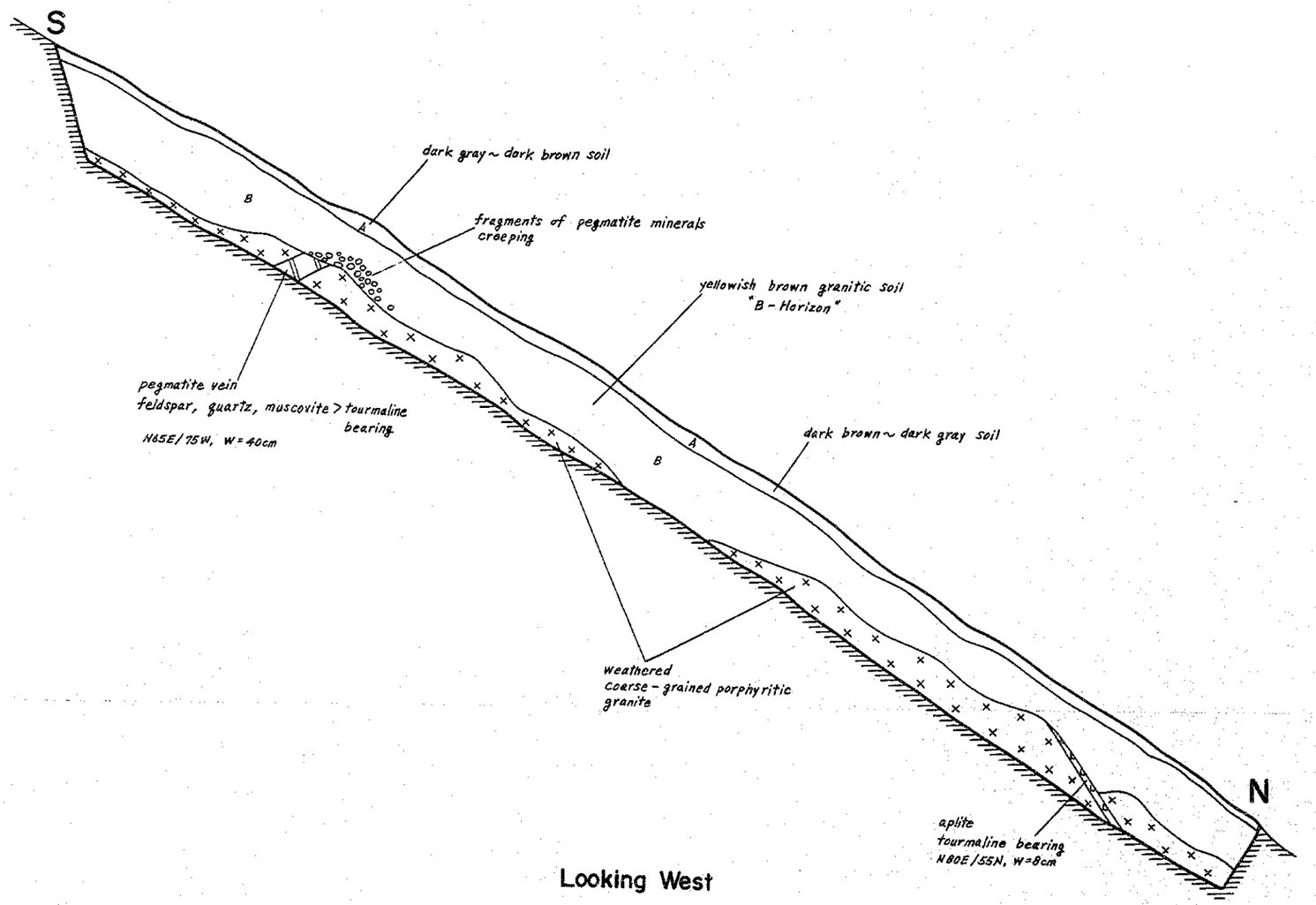
Looking West



Looking West

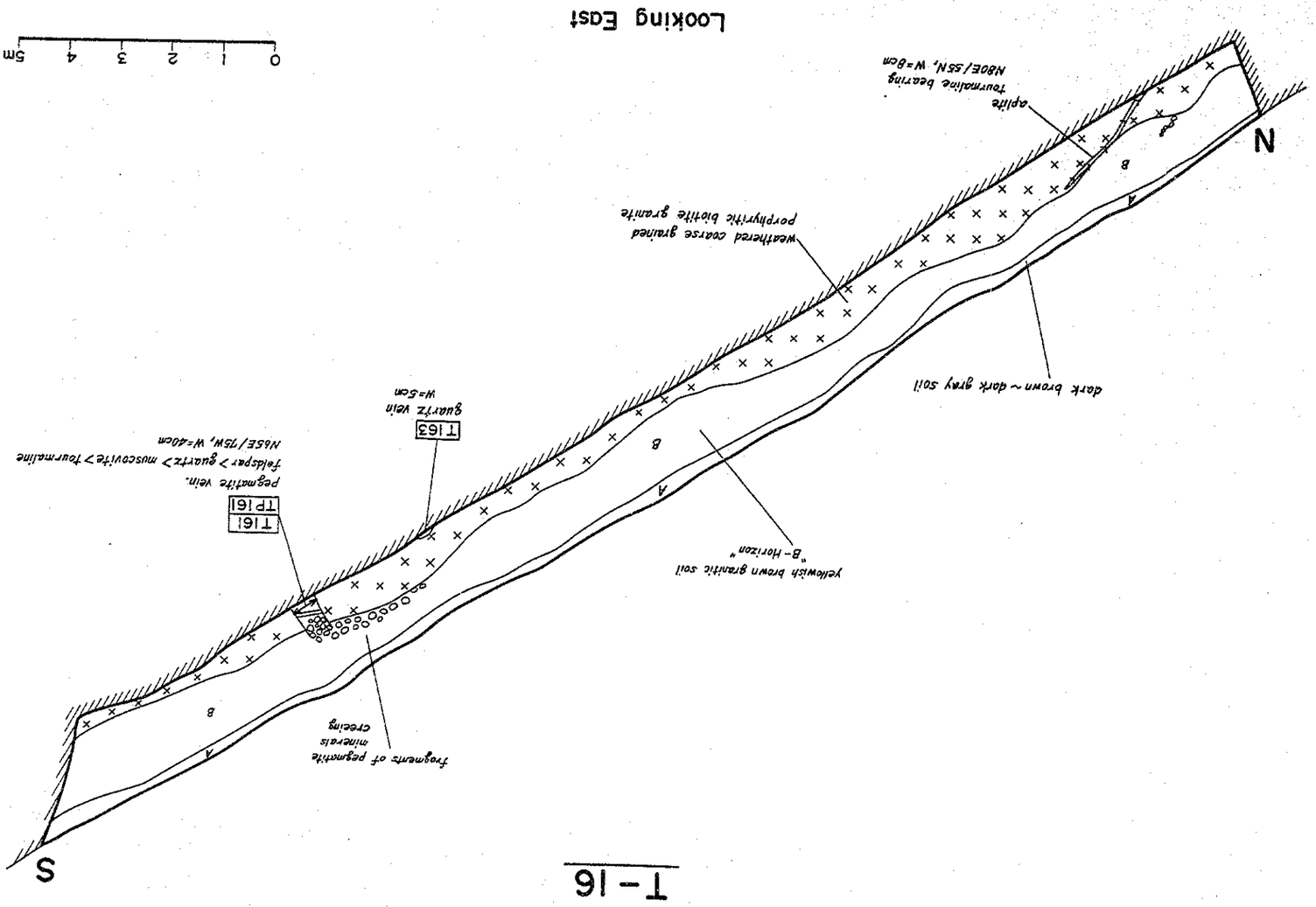
T-15





Looking West

T-16



A-57

N

S

plant roots rich

dark gray~blackish gray soil
"A-Horizon"

blackish gray soil
plant roots rich

weathered
tourmalin vein
W=2mm

fragments of
pegmatite minerals
tourmaline > muscovite
> quartz > feldspar
bearing

pegmatite

weathered coarse grained
porphyritic biotite granite

pale yellowish gray
granitic soil,
muscovite bearing
(biotite → muscovite)
"B-Horizon"

white weathered
porphyritic biotite granite
(biotite → muscovite)

T174
TP174
pegmatite vein
N62E/60SE, W=30cm

T173
TP173
pegmatite vein
quartz, feldspar, muscovite bearing.
N60E/58S, W=68cm

TR172
TP172

T172
pegmatite vein
feldspar quartz
muscovite, tourmaline
bearing.
N85E/63S,
W=22cm

white~
pale yellowish gray
weathered porphyritic
biotite granite

T171
TP171
pegmatite vein
E-W/86S, W=25cm

pegmatite

A
B

Looking West

T-17

N

dusky yellow
pale yellowish brown
"granitic soil
"B-Horizon"

blackish gray soil,
plant roots rich
"A-Horizon"

weathered biotite granite,
muscovite bearing (biotite → muscovite)

pale brownish gray
granitic soil
"B-Horizon"

pegmatite vein
N27E/50S, W=30cm
quartz, feldspar muscovite,
(tourmaline) bearing
(biotite → muscovite)

weathered
coarse grained
biotite granite

pegmatite
quartz, feldspar.
muscovite bearing

white~pale yellowish gray
weathered porphyritic
biotite granite

fragments of pegmatite
minerals

pegmatite
feldspar, quartz, muscovite bearing

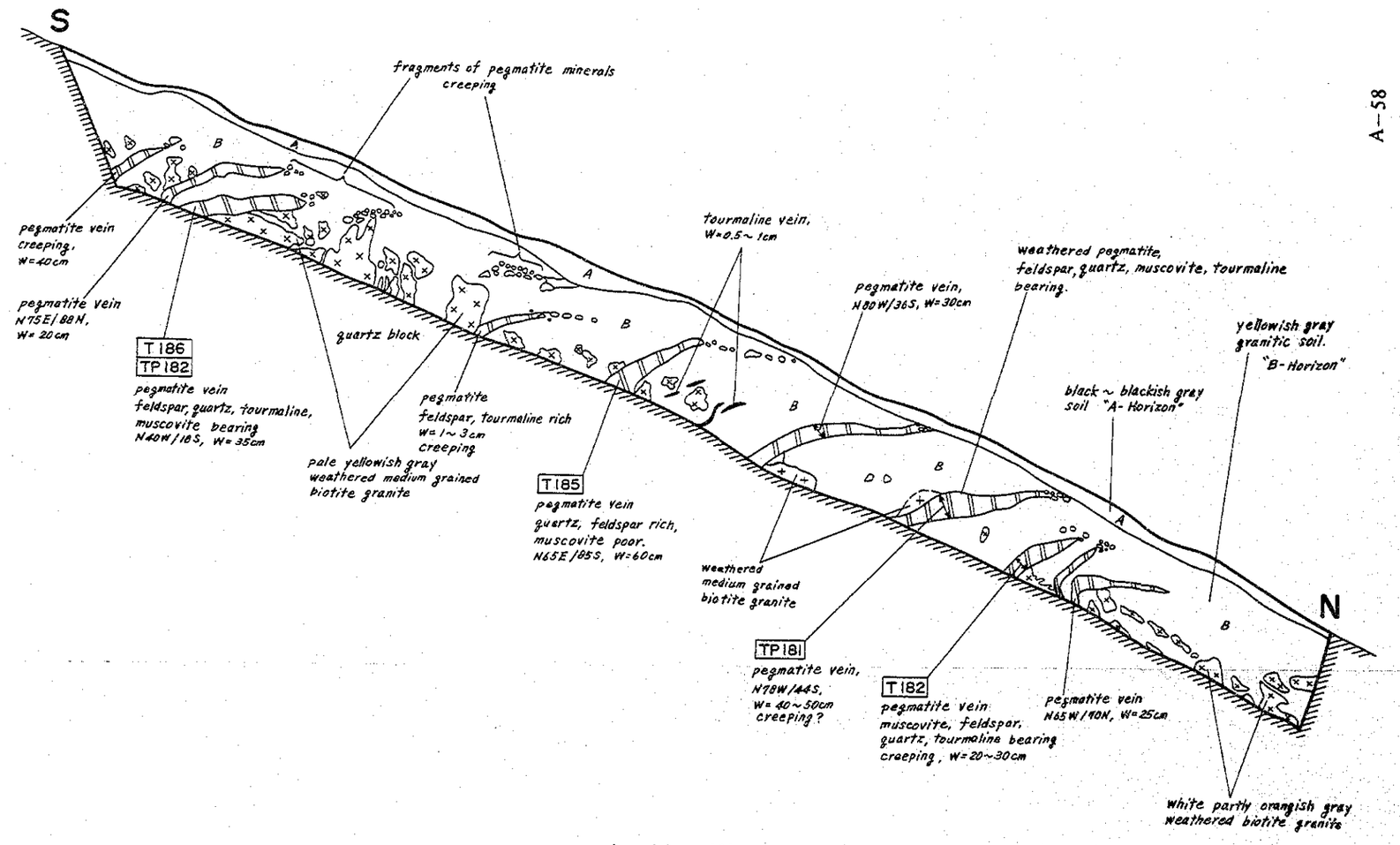
S

A
B

biotite
muscovite

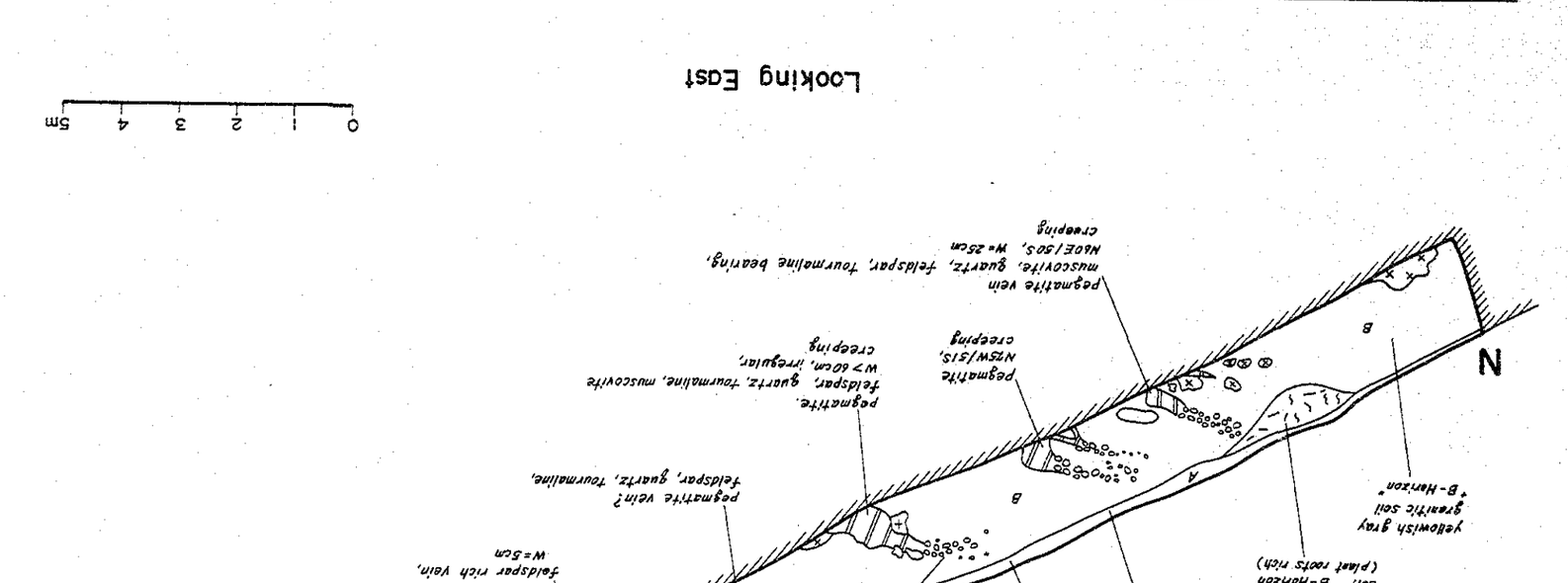
Looking East

0 1 2 3 4 5m

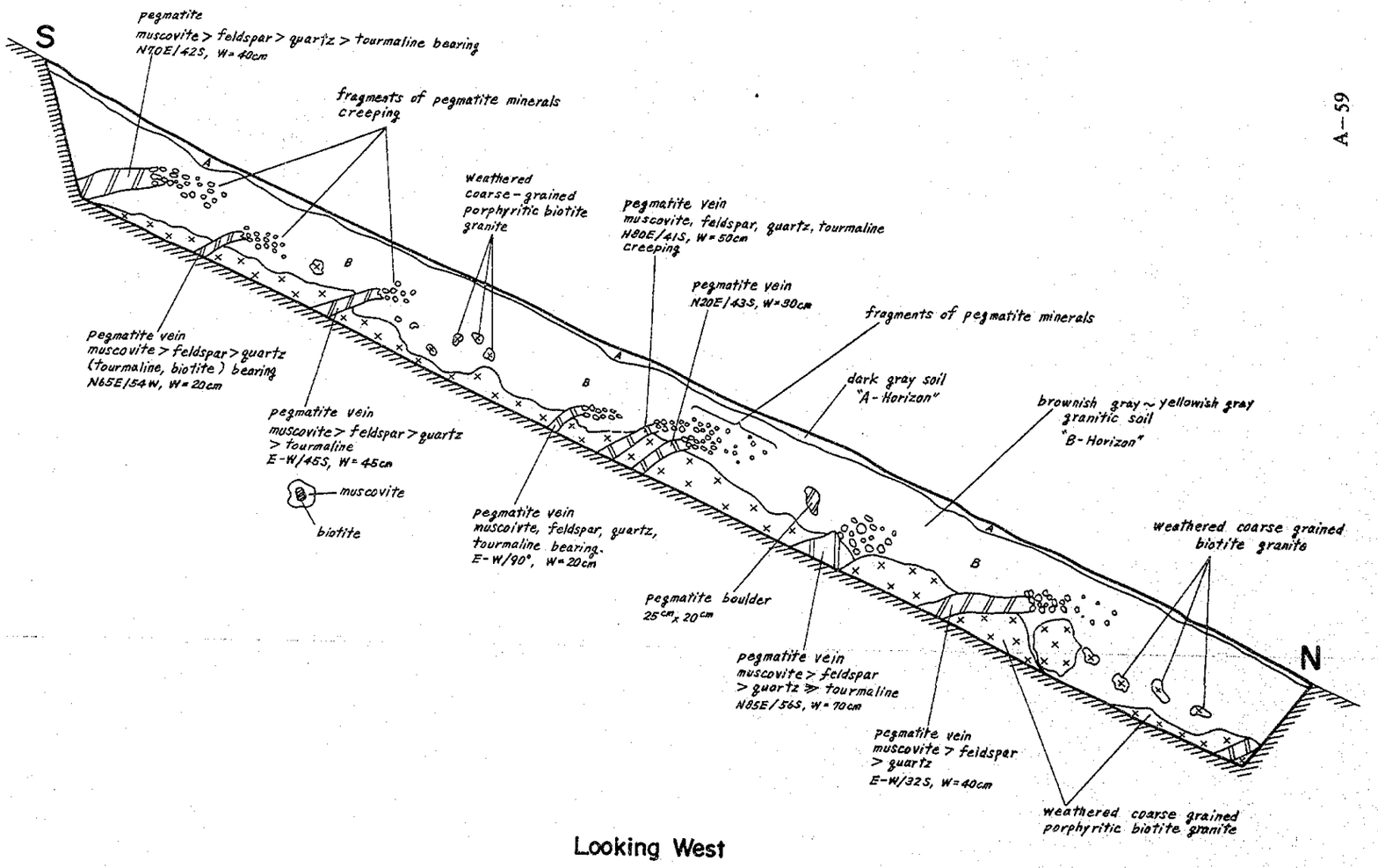


Looking West

T-18

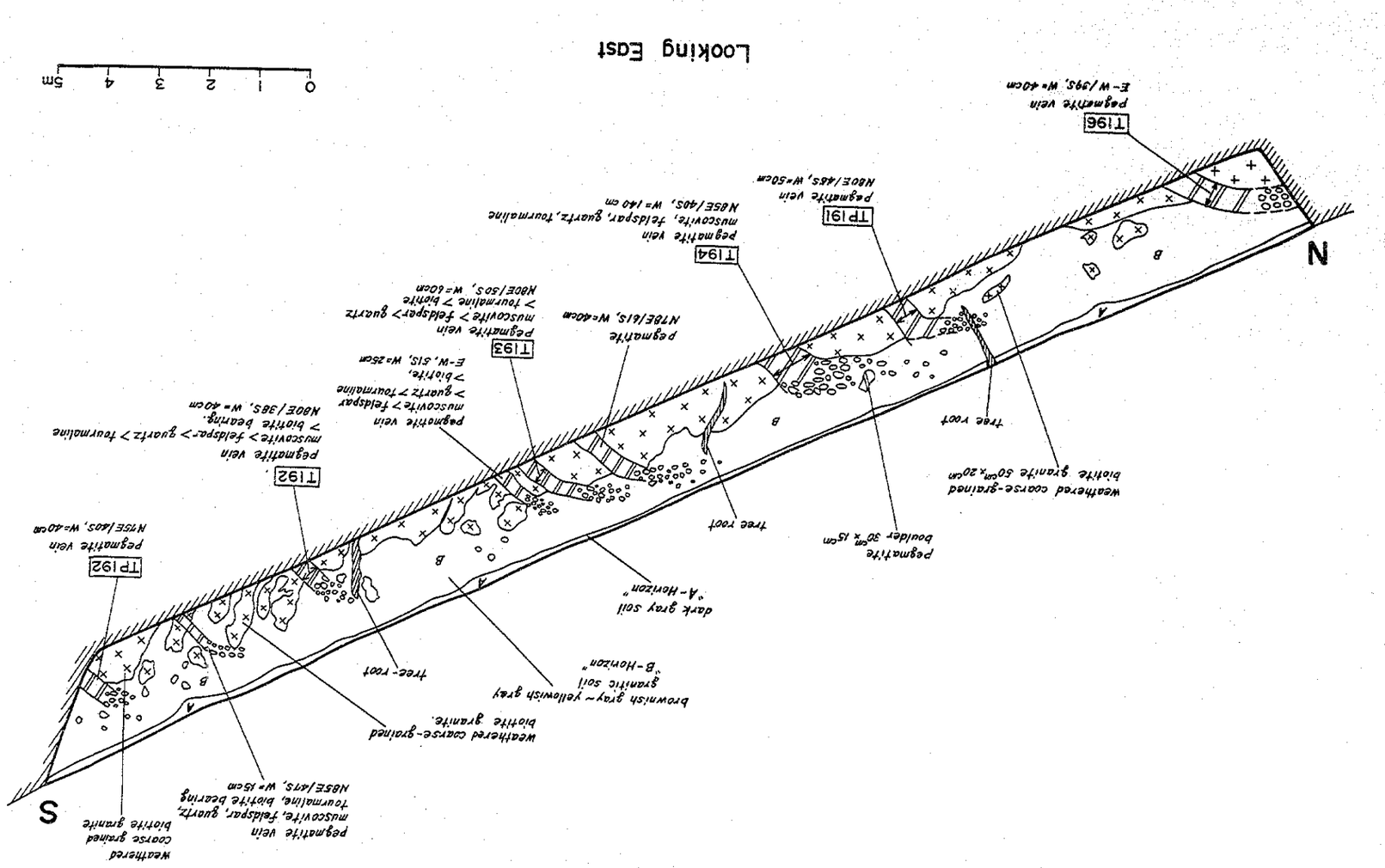


Looking East



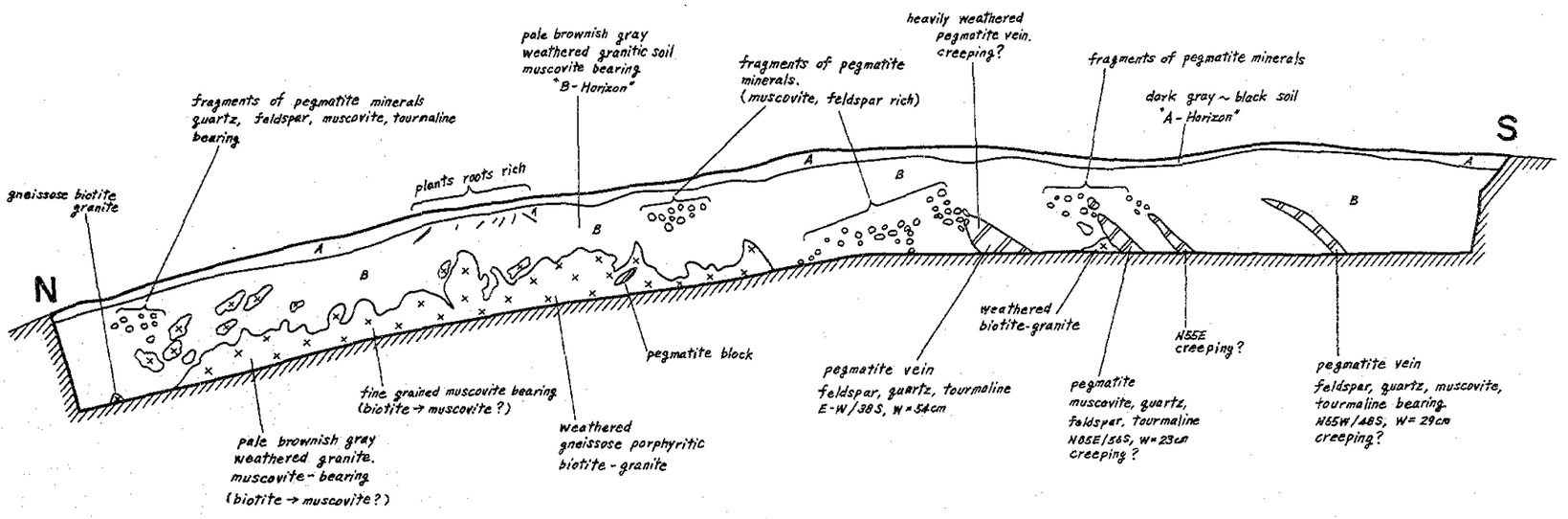
Looking West

T-19

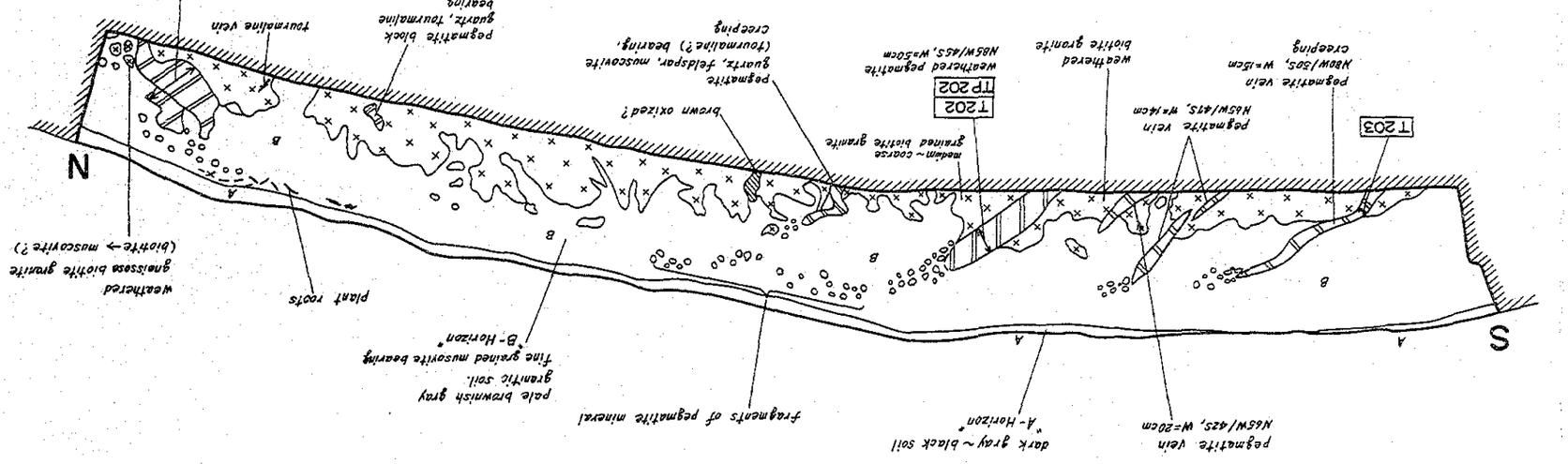


Looking East

T-20



Looking East



Looking West

付図２　ボーリング柱状図

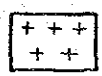
（縮尺　２００分の１）

凡　　例

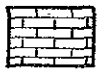

表　土

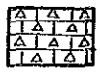

アプライト


輝　緑　岩


花　崗　岩


堆積岩類（頁岩，砂岩，チャート他）


石　灰　岩

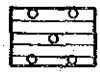

石灰質ー珪質岩


ゴッサン


珪　化　岩


塊状硫化鉱


緑色スカルン


スカルン化堆積岩


粘土化堆積岩


石　英　脈

略　　号

K　カオリン化

S　セリサイト化

E　緑レン石化

bi：黒　雲　母

mus：白　雲　母

Q：石　英（脈）

tour：電　気　石

MJTY – 1

Length 36.10m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown to reddish brown soil ~ granite sand														
5																
5.50		Sedimentary rock yellowish brown to brown color weathered, upper part clayey Bedding clear : dip 80° manganese coating in fracture														
10																
15																
20																
21.10																
22.00		Skarnized sedimentary rock greenish gray colored fresh rock 24.50~26.00m pyrrhotite rich		Zn	1	0.90	0.015	0.003	1.22	0.016	0.069	0.014	5	<10	0.0	14
					2	1.50	0.015	0.010	2.42	0.031	0.064	0.022	7	<10	0.0	20
23.50					3	1.00	0.28	0.012	3.17	0.045	0.035	0.027	5	<10	0.0	8
24.50					4	1.50	0.29	0.002	1.75	0.024	0.035	0.049	6	<10	0.0	3
25					5	2.00	0.12	0.002	0.61	0.007	0.033	0.008	7	<10	0.0	9
26.00																
28.00					6	2.00	0.037	0.001	0.12	—	0.028	0.003	7	<10	0.0	14
30		pyrrhotite abundantly disseminated Gray to dark gray color			7	2.00	0.12	0.001	0.19	—	0.050	0.008	8	<10	0.5	29
32.00				Zn	8	2.30	0.15	0.003	1.06	0.015	0.088	0.047	18	<10	0.5	5
34.30																
35		Fine to medium grained tour - mus granite	K													
36.10																

MJTY – 2

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil	K													
3.30																
5		Fine grained tour granite white color, weathered														
10																
15																
20																
22.50																
25		Fine grained two mica granite														
		Medium to coarse grained in lower part														
30.00 30																

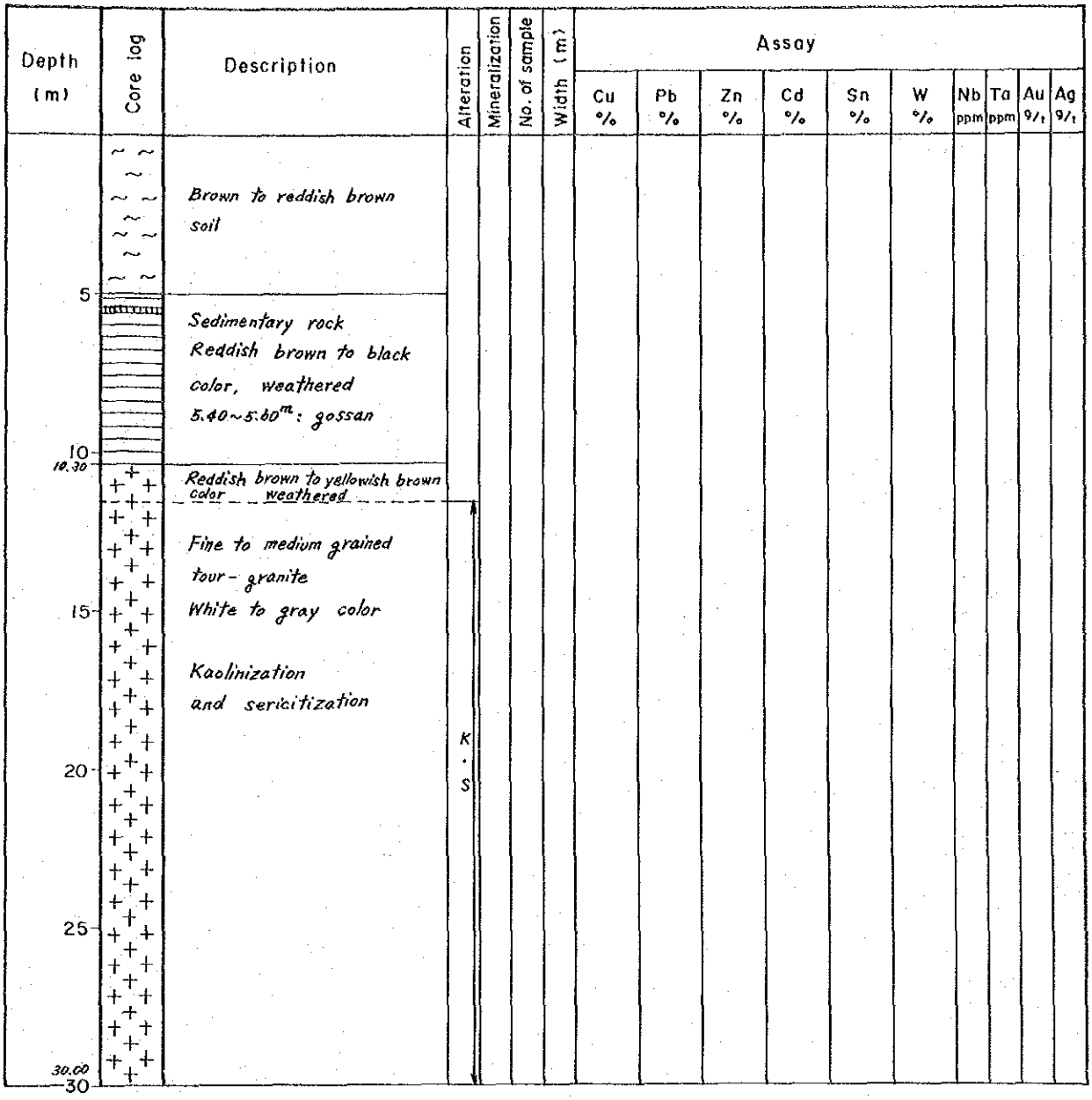
MJTY - 3

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
3.50																
5		Fine grained tour-mus granite														
		white color														
10		Strong kaolinization														
			K													
15																
20																
25																
30.00																
30																

MJTY - 4

Length 30.00m



MJTY – 5

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		brown soil														
3.20																
5		Sedimentary rock yellowish brown color black colored manganese rich in places														
10																
15																
15.90																
		Medium grained tour-mus granite white color	K·S													
20																
24.00																
25		Medium to coarse grained two mica granite Pale yellowish brown color Muscovite increasing 24.00m, 25.30m, 29.50m Q vein intruded w = 3~5cm														
30.00																
30																

MJTY – 6

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
3.80		Sedimentary rock and gossan														
5		Brown to dark brown color														
5.60		Medium grained two mica granite yellowish brown color weathered	S													
10		Reddish brown color														
	Q Q	12.20~12.80m: Vertical Q vein														
		yellowish brown color strongly weathered														
15		white to gray color														
20																
25																
		28.60~29.20m: Silicified zone														
30.00 30																

MJTY – 7

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.40		Reddish brown soil														
		Sedimentary rock Brown color clayey Partly gossan														
5																
10																
15																
16.40		Gossan Dark brown color, porous		Cu	1	1.40	0.31	0.003	0.046	—	0.092	0.059	13	<10	0.0	49
17.10					2	0.70	0.20	0.003	0.035	—	0.009	0.008	45	22	0.0	20
		Fine grained granite Brown color, weathered 19.00~19.70m: Silicified zone														
19.70																
20		Decomposed soil in upper Medium to coarse grained tour-mus granite														
		Strong kaolinization	K													
25																
		Fine grained mus granite														
30.00																
30																

MJTY – 8

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
0 – 2.00	~ ~	Purplish brown soil														
2.00 – 8.40	+ +	Fine to medium grained tour granite Pale orange to yellow color weathered Decomposed soil to bottom														
8.40 – 30.00	+ +	Medium grained two mica granite 8.40~8.50^{m}: Q vein W=1^{cm} Muscovite increases; biotite decreases 27.20^{m}: Q vein W=5^{cm}														

Depth scale: 5, 10, 15, 20, 25, 30 (bottom 30.00)

MJTY – 9

Length 32.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
	~ ~	Black soil														
	~ ~ ~ ~ ~ ~	Orange to yellow soil														
5		Sedimentary rock Reddish brown to yellowish brown color schistosity clear 9.00~10.00m: manganese rich														
10																
13.00																
15	+ +	Medium grained two mica granite Homogeneous rock														
20	+ +															
25	+ +															
30	+ +															
32.00																

MJTY – 10

Length 31.10m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Dark brown soil gossan float														
2.40																
5		Sedimentary rock Orange to yellow color clear bedding														
10																
14.30																
15		Skarnized sedimentary rock gray to greenish gray color		Py Cu	1	2.10	0.45	0.004	0.097	—	0.16	0.032	16	<10	0.0	29
17.00					2	3.00	0.48	0.002	0.067	—	0.060	0.031	18	<10	0.0	19
20		19.60~25.50m Epidote rich Pyrite abundantly disseminated chalcopyrite spotted	E		3	2.50	0.22	0.003	0.078	—	0.087	0.014	31	<10	0.0	10
22.50					4	3.00	0.90	0.002	0.089	—	0.097	0.006	18	16	0.0	19
25																
25.50		Fine grained tour-mus granite														
29.20																
30	Q	Quartz vein Pyrite, chalcopyrite spotted		Py Cu	5	0.80	0.52	0.022	0.044	—	0.002	0.001	2	<10	0.0	22
31.10	Q															

MJTY - 11

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
3.00																
5		Sedimentary rock Reddish brown color clayey														
7.00		Reddish brown color, weathered														
10		Medium grained two mica granite white color Strong kaolinization	K													
15																
20																
25																
30.00 30																

MJTY – 12

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.70		Brown soil gossan float														
5		Medium grained clayey two mica granite pale yellow to white color Strong kaolinization	K													
10																
15																
20																
25																
30.00 30																

MJTY - 13

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
2.50																
		Sedimentary rock Brownish orange, partly black color, clayey Bedding clear														
5																
10																
10.65		Weathered granite, white color														
11.50		Gossan Dark brown color, porous		Cu	1	0.85	0.36	0.14	0.23	—	0.070	0.051	8	<10	0.0	5
12.80					2	1.30	0.24	0.24	0.30	—	0.13	0.052	9	<10	0.0	2
					3	2.20	0.30	0.23	0.22	—	0.052	0.073	6	<10	0.0	26
15					4	1.90	0.081	0.16	0.17	—	0.058	0.006	5	<10	0.0	30
16.90		Weathered granite Brownish orange color 17.60~17.90m gossan														
20																
20.20		Medium grained two mica granite white, partly orange color Strong kaolinization	K													
25																
30.00																
30																

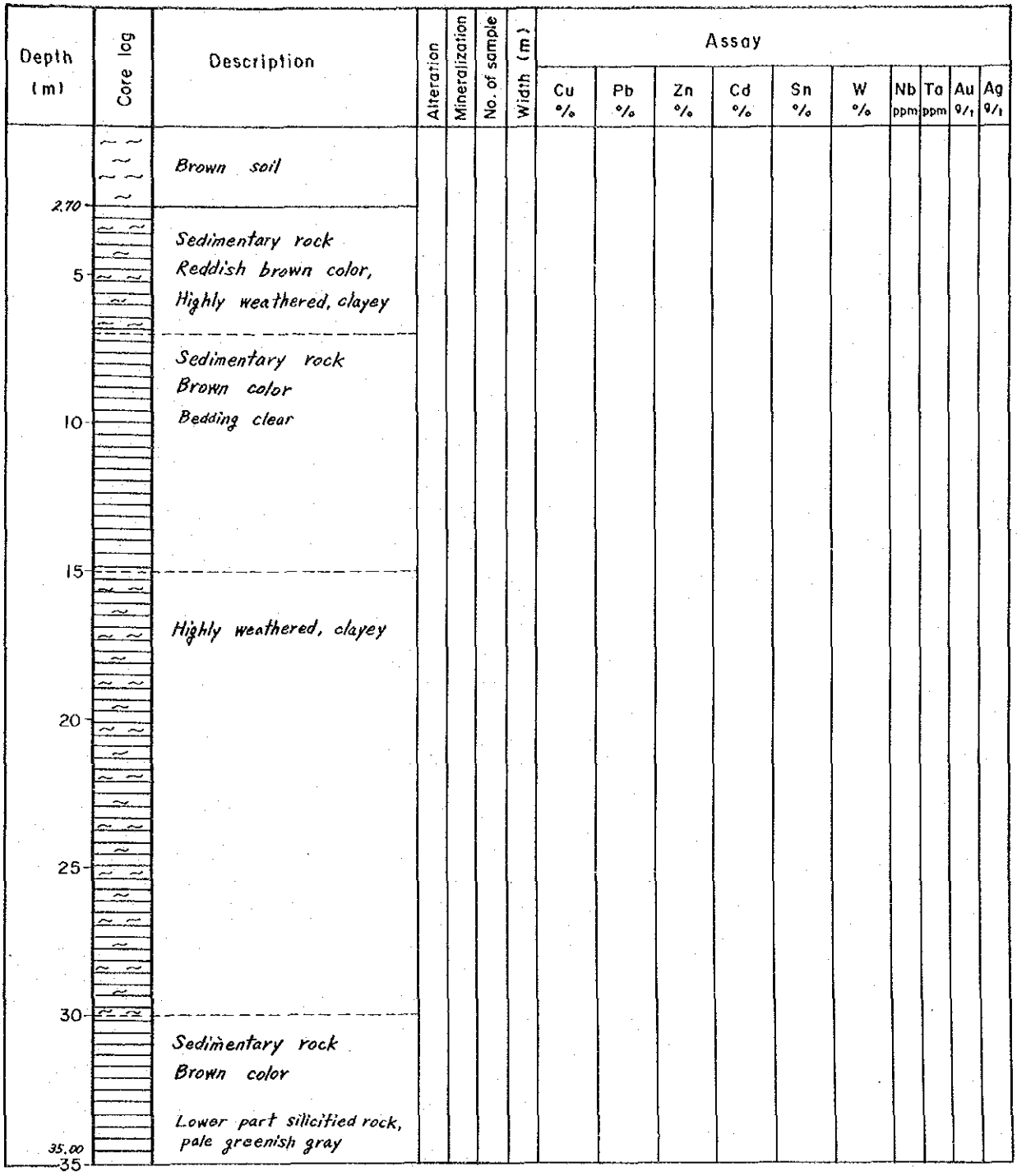
MJTY – 14

Length 42.50m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
0		Brown soil														
2.20																
5		Sedimentary rock partly gossan Reddish brown color														
8.00																
10		Gossan Dark brown color porous chalcopyrite azurite spotted		Cu	1	4.30	0.44	0.019	0.22	—	0.017	0.080	12	<10	0.7	4
12.30																
15		Fine to medium grained weathered granite														
20																
25		Kaolinization in low part	K													
26.00		Chilled margin, white color														
30		greenish gray color Diabase														
31.20																
32.00					2	0.80	0.25	0.002	0.11	—	0.019	0.038	6	<10	0.6	2
		green skarn, Cu Zn disseminated		Zn	3	1.40	0.28	0.001	0.61	0.011	0.048	0.021	12	<10	0.2	4
33.40																
		Massive sulfide Dark gray color		Cu	4	1.70	0.27	0.003	0.041	—	0.032	0.043	6	<10	0.2	5
35																
35.10																
35.60					5	0.80	0.19	0.002	0.15	—	0.018	0.035	6	<10	0.0	2
36.40					6	0.40	0.15	0.002	0.17	—	0.035	0.028	5	<10	0.0	3
36.80					7	0.60	0.34	0.001	0.027	—	0.021	0.022	8	<10	0.0	3
37.40					8	0.30	0.25	0.002	0.041	—	0.021	0.034	4	<10	0.0	4
37.70																
40		Fine grained weathered granite Epidote along fracture														
42.50																

MJTY – 15

Length 35.00m



MJTY – 16

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.00		Brown soil														
5		Sedimentary rock yellowish brown color														
10		9.10~10.00m: manganese rich														
15		gray to dark gray color, clayey PY imp.		Py Cu	1	1.90	0.68	0.006	0.017	—	0.033	0.017	8	<10	0.0	14
16.90		gray to reddish brown color														
18.40		Gossan Brown to dark brown		Cu Zn	2	2.00	0.49	0.015	0.42	—	0.014	0.046	9	10	0.1	33
20																
20.40					3	1.60	0.36	0.007	0.30	—	0.015	0.024	6	<10	0.0	3
22.00		Sedimentary rock yellowish brown color														
25		Fine grained two mica granite white color Strong kaolinization	K													
30.00																
30																

MJTY – 17

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
	~ ~ ~	Reddish brown soil														
2.30		Sedimentary rock yellowish brown color														
4.15																
4.90		Gossan, dark brown, porous		Cu	1	0.75	0.32	0.004	0.032	—	0.25	0.051	32	<10	0.1	7
5	+ + +	Weathered granite														
5.40		Gossan, dark brown color		Cu	2	0.70	0.79	0.006	0.072	—	0.092	0.087	6	<10	0.0	17
6.10	+ + +	Coarse grained to medium grained weathered granite yellowish white color kaolinization widespread	K													
10																
13.30		Sedimentary rock gray to brown color gossan embeded in upper		Cu	3	1.20	0.53	0.020	0.53	0.014	0.013	0.027	5	<10	0.0	75
14.50				Zn												
15					4	1.50	0.51	0.060	0.080	—	0.015	0.026	13	<10	0.0	53
16.00	+ + +	Fine to coarse grained two mica granite gradually changing to coarse grained yellowish brown to white color														
20																
25		Manganese coating in fracture	K													
30.00 30																

MJTY – 18

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Reddish brown soil														
4.00																
5		Coarse grained weathered granite yellowish brown color Decomposed partly														
10																
		Fine to medium grained														
12.00																
		Coarse grained biotite granite yellowish white color														
15																
20		22.50m, 24.30m: Q veinlet														
25																
		Fine to medium grained biotite granite	K													
30.00																
30																

MJTY – 19

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Reddish brown soil														
5																
6.20		Sedimentary rock yellowish brown color weathered clayey														
10																
14.00																
14.85		Dark gray color, manganese rich		Pb	1	0.85	0.28	5.87	0.55	0.012	0.019	0.015	3	<10	0.0	293
15		Gossan porous Dark reddish brown color		Cu	2	2.05	0.52	0.17	0.13	—	0.19	0.060	8	<10	0.0	63
16.90		Medium grained two mica granite yellow to white color	K													
20																
25																
30.00 30																

MJTY - 20

Length 29.70m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Reddish brown soil														
3.00																
5		Medium grained two mica granite, yellowish orange color strongly weathered, clayey gossan in some part														
10																
10.50		Gossan, dark brown Bedding clear, dip 60°			1	6.00	0.28	0.069	0.12	—	0.071	0.032	11	<10	0.0	10
15																
16.50		Massive sulfide Dark gray color		Cu	2	3.50	0.25	0.001	0.010	—	0.003	0.016	5	<10	0.0	2
20					3	1.40	0.25	0.001	0.018	—	0.002	0.025	6	<10	0.2	2
21.40		greenish gray color			4	2.10	0.40	0.006	0.16	—	0.006	0.008	12	<10	0.1	10
23.50		Aplitic granite														
24.00					5	0.60	0.44	0.004	0.12	—	0.003	0.010	5	<10	0.0	6
24.60					6	0.40	0.43	0.002	0.11	—	0.003	0.014	3	<10	0.0	4
25		Green skarn greenish gray color sulfide imp.		Cu	7	2.00	0.17	0.001	0.24	—	0.017	0.017	10	<10	0.0	3
27.00					8	1.60	0.30	0.001	0.20	—	0.022	0.024	6	<10	0.0	8
28.60				Zn	9	1.10	0.40	0.004	7.68	0.16	0.042	0.11	5	<10	0.1	19
29.70																
30		Sedimentary rock Brown color, strongly weathered														
35		white silicified rock														
		Yellowish brown to dark brown color Bedding clear, dip 50°														
40																
45																
47.60																

MJTY - 21

Length 40.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
0		Reddish brown soil granite, quartz float														
3.20																
5		Sedimentary rock yellowish brown color strongly weatherd, clayey														
10		11.60~15.00m Manganese rich														
15																
19.00																
20		Fine to medium grained weathered granite yellowish white color														
25																
26.00																
		Sedimentary rock yellowish orange color														
30				Py												
		Fine grained granite white color 30.00~36.60m: silicified 30.00~35.00m: Pyrite in fracture														
35																
40.00																
40																

MJTY – 22

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown to reddish brown soil														
3.10																
5		Coarse grained biotite granite Reddish brown to yellowish brown color strongly weathered widely decomposed														
10																
15																
20																
25																
30.00 30																

MJTY – 23

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
5		Sedimentary rock Reddish brown color Strongly weathered clayey Partly manganese														
9.20																
10		Gossan Dark brown color, porous			1	2.00	0.016	0.20	0.23	—	0.043	0.13	17	<10	0.0	5
11.20																
15		Medium grained granite white color strong kaolinization	K													
20																
25																
30.00 30																

MJTY - 24

Length 41.10m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
2.70		Sedimentary rock, clayed														
3.60																
5		Gossan Dark brown color			1	2.70	0.003	0.55	0.56	0.004	0.035	0.021	9	<10	0.0	24
6.30																
10		Sedimentary rock Reddish brown to yellowish brown color 6.30~8.90 manganese rich														
13.50																
15		Medium grained tour-mus granite white color weak kaolinization														
20		Fine to medium grained two mica granite	K													
23.00																
24.20																
25		Sedimentary rock		Py	2	1.20	0.025	0.018	0.56	0.008	0.052	0.025	4	<10	0.0	44
25.40		Brown to dark brown color 24.20~25.40 pyrite disseminated														
30																
35		yellowish brown color														
		Silicified, white color														
40																
41.10		yellowish gray color														

MJTY – 25

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Dark brown soil														
2.00																
5		Coarse grained two mica granite yellowish brown to white color weathered kaolinization widespread														
10		Decomposed widely	K													
15																
20																
25		Medium to coarse grained tour – mus – bio granite														
30.00 30																

MJTY - 26

Length 42.35m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
3.00																
5		Sedimentary rock yellowish brown color weathered														
10		Bedding clear														
15																
20																
21.80					1	1.40	0.021	0.028	0.47	—	0.012	0.040	11	<10	0.1	8
23.20		Skarnized rock greenish gray color		Zn	2	1.30	0.013	0.009	0.39	—	0.037	0.027	6	<10	0.2	6
24.50					3	0.50	0.015	0.049	0.98	0.010	0.025	0.048	4	<10	0.2	28
25		Calcareous rock														
27.20		Skarnized rock			4	1.90	0.050	0.012	2.09	0.025	0.034	0.093	5	<10	0.1	11
29.10					5	0.90	0.025	0.008	3.70	0.063	0.085	0.16	10	<10	0.2	18
30				Zn	6	0.50	0.78	0.070	1.57	0.026	0.015	0.10	9	<10	0.2	123
30.50		massive sulfide			7	1.00	0.12	0.038	3.42	0.056	0.070	0.12	12	<10	0.2	47
31.50					8	0.90	0.15	0.007	1.85	0.033	0.097	0.30	12	<10	0.1	11
32.40					9	0.60	0.023	0.004	0.11	—	0.006	0.013	11	<10	0.2	2
33.00		Silicified rock white color														
34.40																
35		Fine to medium grained tour-mus granite														
		Medium to coarse grained tour mus granite														
40			K													
42.35																

MJTY – 27

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.10		Brown soil														
		Sedimentary rock Brown to greenish grey color														
2.40		1.80~2.40m: skarnized														
5		Silicified rock Brecciated Q vein partry intruded														
10		Fine to medium grained granite														
15		14.20~16.30m tour Q vein														
20		Coarse grained tour-mus granite white to brown color 22.20m, 22.70m Q vein														
25		Granite sand in lower part														
30.00 30																

MJTY – 28

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
2.50		Medium to coarse grained tour-mus granite yellowish white to white color, weathered widely decomposed	K													
5																
10																
15																
20																
25																
30.00 30																

MJTY – 29

Length 39.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Reddish brown color														
2.50																
5		Sedimentary rock Brown to yellowish brown color														
10																
14.20																
15		Dark gray weathered Massive sulfide Gray color Bedding clear		Cu	1	0.80	0.19	0.001	0.031	—	0.031	0.025	5	<10	0.0	16
					2	2.50	0.68	0.001	0.024	—	0.024	0.023	8	<10	0.0	8
17.50					3	2.50	0.11	0.001	0.020	—	0.012	0.019	9	<10	0.0	4
20					4	2.50	0.51	0.001	0.017	—	0.026	0.034	11	<10	0.0	10
22.50					5	1.80	0.61	0.000	0.017	—	0.022	0.044	13	<10	0.0	11
24.30					6	0.70	1.09	0.002	0.010	—	0.26	0.004	17	13	0.0	5
25		greenish gray~yellowish gray Skarnized rock Epidotized	E		7	2.00	0.20	0.002	0.020	—	0.28	0.092	10	10	0.0	8
27.00																
27.60		Fine grained tour-mus granite white color	E	Cu	8	1.60	0.24	0.004	0.020	—	0.15	0.007	7	<10	0.0	15
29.20		Skarnized rock			9	0.80	0.25	0.002	0.005	—	0.27	0.007	5	<10	30.8	19
30																
30.60		Aplitic granite														
31.60		Skarnized rock			10	1.00	0.18	0.003	0.030	—	0.014	0.002	10	11	0.0	24
32.70			Σ													
32.90		Skarnized rock			11	0.20	0.17	0.002	0.051	—	0.013	0.001	15	12	0.0	4
35		Fine grained tour-mus granite white color														
39.00																

MJTY - 30

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.50		Reddish brown soil														
		Sedimentary rock Reddish brown to yellowish brown color manganese in some part														
21.00		Gossan brown to orange color			1	0.50	0.12	0.002	0.15	—	0.17	0.11	10	<10	0.0	2
21.50		Sedimentary rock Brown color														
23.20		Bluish gray color			2	0.80	0.018	0.004	0.044	—	0.088	0.44	32	12	0.0	22
24.00		yellowish green color														
24.40		Medium grained tour-bio-mus granite white color Kaolinization partly	K													
30.00																

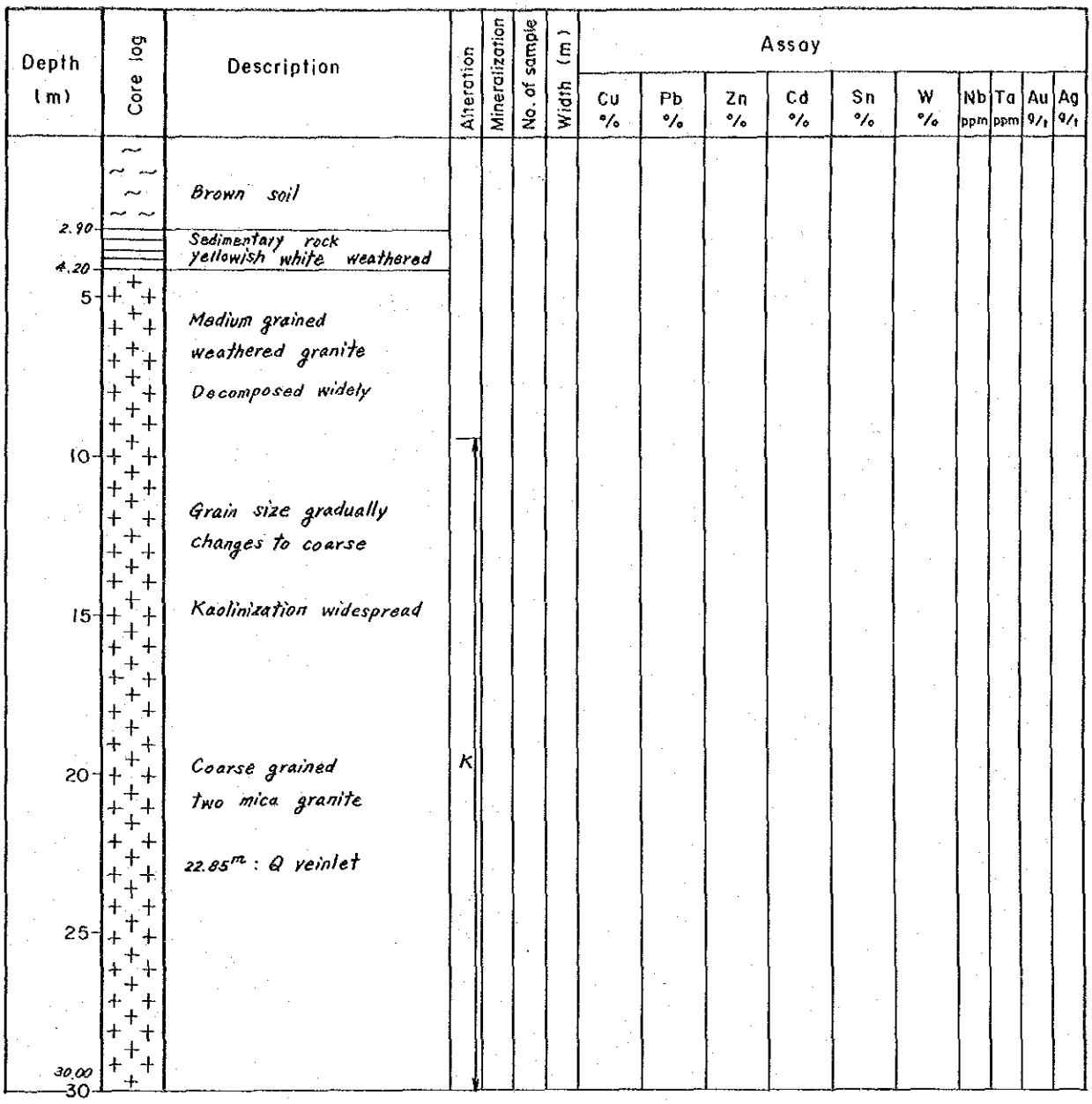
MJTY - 31

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Reddish brown soil														
2.50		Medium to coarse grained tour granite Decomposed in upper white color														
5																
10		weathered rock gradually changes to fresh rock														
15																
20																
25																
30.00 30																

MJTY - 32

Length 30.00m



MJTY – 33

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
		Sedimentary rock brown to yellowish brown soil														
5																
9.50																
10		Skarnized rock, greenish gray	K	Cu	1	0.50	0.44	0.002	0.13	—	0.45	0.027	17	21	0.0	8
		Medium grained tour - mus granite yellowish brown to white color														
15		Strong kaolinization														
20																
25		Grain size gradually changes to coarse														
30.00																
30																

MJTY -- 34

Length 35.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
2.30																
		Sedimentary rock Reddish brown to yellowish brown														
5																
10																
15																
20		Pale green to white color partly epidotized														
		Aplitic granite kaolinization in upper part partly epidotized	K E													
25																
30			E E													
35.00																
35																

MJTY - 35

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
		Coarse grained tour-mus granite white color kaolinized widely Decomposed rock widespread	K													
5																
10																
15																
20																
25																
30.00 30																

MJTY – 36

Length 46.30m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
0		Brown soil														
2.70																
5		Sedimentary rock Brown to yellowish brown color														
10																
15																
19.00																
20		Fine to medium grained aplitic granite														
20.30		Sedimentary rock Brown color														
21.40		Pale greenish gray color Epidotized	E	Cu	1	1.20	0.81	0.21	0.17	—	0.033	0.003	22	<10	0.0	5
22.60																
24.20																
25		Gray color	E	Cu	2	1.80	1.30	0.005	0.36	—	0.076	0.009	15	<10	0.0	18
26.00					3	2.30	0.35	0.001	0.27	—	0.12	0.012	16	<10	0.0	3
28.30																
30		yellowish brown														
31.90																
32.40		Gossan			4	0.50	0.016	0.25	0.76	0.025	0.012	0.031	5	<10	0.1	10
33.00																
35		non core														
35.00					5	0.50	0.003	2.43	2.28	0.026	0.023	0.13	5	<10	0.1	195
36.50		Skarnized rock Greenish gray color			6	1.00	0.025	0.76	0.67	0.009	0.038	0.019	4	<10	0.0	115
37.50					7	0.90	0.19	0.066	0.032	—	0.058	0.001	4	<10	0.1	30
38.40					8	0.60	0.68	0.001	0.54	0.011	0.042	0.015	3	<10	0.1	34
39.00				Zn	9	1.00	0.71	0.001	0.77	0.014	0.042	0.014	2	<10	0.1	39
40		Massive sulfide		Cu	10	0.50	0.51	0.002	0.046	—	0.16	0.019	6	<10	0.1	20
40.50		Dark gray			11	1.80	0.61	0.002	0.086	—	0.028	0.063	4	<10	0.0	17
42.30					12	1.00	1.09	0.001	0.029	—	0.045	0.060	8	<10	0.0	32
43.30																
45		Medium grained granite 43.90m, 44.15m : chalcopyrite veinlet														
46.30																

MJTY – 37

Length 49.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
0		Yellowish brown soil														
5																
5.60		Sedimentary rock Bluish gray to brown color 11.00~14.80m: Manganese rich														
10																
15																
17.90		Massive sulfide Gray to dark gray. partly greenish gray color			1	0.30	0.50	0.038	9.58	0.20	0.11	0.10	5	<10	0.0	52
18.70					2	0.90	0.18	0.021	0.70	0.015	0.095	0.059	6	<10	0.0	87
19.60					3	2.40	0.62	0.010	0.42	—	0.023	0.035	3	<10	0.0	35
20					4	2.00	0.57	0.003	0.086	—	0.035	0.049	4	<10	0.3	26
22.00					5	2.00	0.57	0.009	0.14	—	0.022	0.079	4	<10	0.2	26
24.00					6	2.00	0.61	0.006	0.15	—	0.011	0.058	3	<10	0.2	25
25					7	2.60	0.59	0.002	0.048	—	0.013	0.081	4	<10	0.1	21
26.00					8	0.60	0.97	0.006	0.063	—	0.037	0.073	5	<10	0.2	32
28.00				Cu	9	1.80	0.30	0.004	0.027	—	0.026	0.050	4	<10	0.0	9
30					10	2.00	0.46	0.005	0.044	—	0.023	0.077	4	<10	0.0	14
30.60					11	2.50	0.26	0.008	0.049	—	0.042	0.093	5	<10	0.0	11
31.20					12	2.40	0.44	0.018	0.21	—	0.027	0.088	4	<10	0.0	35
33.00					13	2.10	0.67	0.009	0.23	—	0.085	0.22	11	<10	0.0	26
35					14	2.00	0.40	0.008	0.29	—	0.021	0.091	5	<10	0.0	22
37.50					15	1.00	0.65	0.002	0.10	—	0.011	0.62	16	<10	0.0	2
39.90																
40																
42.00																
44.00		Greenish gray color														
45		Medium to coarse grained tour granite														
47.70		Massive sulfide		Cu	16	1.30	0.26	0.001	0.011	—	0.047	0.016	7	<10	0.0	5
49.00																

MJTY – 38

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Reddish brown soil														
3.00																
		Pale orange to white coarse grained biotite granite, weathered K-feldspar phenocryst														
5																
		Decomposed soil widespread														
10																
15																
20																
25																
30.00																
30																

MJTY - 39

Length 34.50m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
		Sedimentary rock yellowish brown to yellowish white														
5																
10		10.00~15.00m : Manganese rich														
15		Sedimentary rock and gossan Brown to dark brown color			1	2.00	0.20	0.42	0.43	—	0.064	0.024	3	<10	0.3	141
17.00					2	2.00	0.24	0.81	0.32	—	0.13	0.012	5	<10	0.0	112
19.00					3	1.70	0.25	0.54	0.32	—	0.098	0.017	5	<10	0.0	139
20																
20.70		Gossan dark brown color			4	1.80	0.18	1.05	0.42	—	0.023	0.023	2	<10	0.0	54
22.50		non core														
23.00				Zn	5	2.00	0.17	2.32	0.54	0.023	0.005	0.034	2	<10	0.0	268
25																
					6	2.30	0.12	1.66	3.21	0.050	0.008	0.076	4	<10	0.0	289
27.30		Sedimentary rock, greenish gray			7	1.00	0.018	0.32	3.26	0.038	0.057	0.057	2	<10	0.0	71
28.30		Gossan, reddish brown color			8	1.20	0.44	0.17	1.56	0.020	0.044	0.044	5	<10	0.0	88
29.50		gray to dark gray, sulfide rich		Cu	9	1.00	0.81	0.42	13.3	0.55	0.15	0.15	6	<10	0.0	133
30																
30.50		Skarnized rock			10	1.20	1.30	0.010	1.57	0.017	0.082	0.082	11	<10	0.0	71
31.70		Fine grained tour-mus granite														
34.50																

MJTY – 40

Length 38.70m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.50		Brown soil														
5		Sedimetary rock Reddish brown to yellowish brown color Manganese partly exists														
10																
15																
20																
25																
29.70																
30		Gossan Orange to brown color			1	1.90	0.35	0.012	0.11	—	0.10	0.10	9	<10	0.0	7
31.60		Sedimetary rock Orange to yellowish white color														
32.90																
35		Medium grained tour – mus granite white color	K													
38.70																

MJTY – 41

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
2.00																
		Coarse grained weathered granite Reddish brown color, partly gossan embeded Decomposed rock in upper														
5																
10		yellowish brown color														
15																
15.10		silicified, white color														
17.30		Medium grained tour-mus granite														
19.30																
20		Silicified rock														
22.70																
		Medium to coarse grained tour-mus granite Weak kaolinization	K													
25																
30.00																
30																

MJTY - 42

Length 33.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
2.60																
5		Sedimetary rock yellowish brown color weathered Manganese partly exists														
10																
15																
17.20		Skarnized rock, brown color		Zn	1	1.10	1.26	0.84	3.38	0.074	0.066	0.054	4	<10	0.0	104
18.30		weathered		Cu												
		Gray color		Pb	2	1.70	5.34	11.6	3.75	0.049	0.076	0.036	4	<10	0.0	239
20		Greenish brown color Core recovery low														
24.30																
25		Gray, altered		Zn Cu	3	1.00	0.62	0.83	6.48	0.088	0.060	0.066	8	<10	0.0	100
25.30				Pb	4	0.70	0.22	0.030	2.70	0.045	0.080	0.037	10	<10	0.0	16
26.00		Slimy core, containing sulfide														
30																
30.60		Skarnized rock, pyrite rich		Cu	5	0.40	1.12	0.023	0.12	—	0.036	0.026	5	14	0.0	46
31.00		Granite														
31.70		Skarnized rock		Cu	6	0.40	0.62	0.010	0.16	—	0.036	0.006	27	<10	0.0	26
32.10		Fine to medium grained														
33.00		four-mus granite														

MJTY – 43

Length 50.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.30		Brown soil														
		Sedimentay rock Reddish brown to yellowish white color														
24.40					1	0.90	0.14	0.012	0.26	—	0.062	0.004	3	<10	0.1	45
25.30					2	1.00	0.61	0.023	7.82	0.098	0.019	0.12	6	<10	0.0	56
26.30		Massive sulfide, gray color Epidote rich			3	1.10	0.88	0.015	0.060	—	0.009	0.029	5	<10	0.0	46
27.40					4	0.50	1.64	0.014	0.14	—	0.029	0.066	6	<10	0.0	83
27.90					5	0.80	0.56	0.019	0.042	—	0.035	0.090	5	<10	0.0	41
28.70					6	0.80	0.85	0.025	0.095	—	0.015	0.030	5	<10	0.0	59
29.50					7	0.90	0.33	0.010	0.19	—	0.013	0.012	9	<10	1.4	24
30.40		Sedimetary rock yellowish brown color			8	3.40	0.057	0.003	0.62	0.003	0.071	0.008	9	<10	0.0	24
33.80																
		Green skarn rich Massive sulfide gray color		Zn	9	1.20	0.31	0.008	0.49	—	0.061	0.020	8	<10	0.0	5
				Cu	10	2.00	0.66	0.006	0.074	—	0.040	0.067	6	<10	0.0	34
37.00					11	1.00	0.43	0.003	5.19	0.099	0.094	0.071	4	<10	0.0	23
38.00					12	1.20	0.40	0.002	6.45	0.10	0.071	0.077	4	<10	0.0	14
39.20					13	0.80	0.41	0.002	0.23	—	0.027	0.039	4	<10	0.0	9
40																
		Massive sulfide			14	2.20	0.58	0.001	0.034	—	0.008	0.025	6	<10	0.0	13
42.20					15	0.40	0.56	0.001	0.96	0.029	0.006	0.027	5	<10	0.0	14
42.60					16	0.70	0.33	0.003	1.46	0.041	0.013	0.031	3	<10	0.0	9
43.30					17	1.00	0.48	0.001	7.21	0.19	0.028	0.10	4	<10	0.2	15
44.30					18	0.40	0.31	0.002	1.76	0.041	0.035	0.011	5	<10	0.0	8
44.70					19	1.80	0.26	0.001	0.049	—	0.023	0.008	8	<10	0.0	7
46.50					20	1.20	1.01	0.001	0.26	—	0.022	0.015	19	12	0.1	24
47.70	+ + +	Aplitic granite														
48.20		Massive sulfide			21	0.50	0.26	0.002	0.10	—	0.019	0.022	14	<10	0.0	9
48.70	+ +	Aplitic granite														
50.00	+															

MJTY - 44

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.00		Reddish brown soil														
		Sedimentary rock yellowish brown color bedding clear														
25.20		Medium grained biotite grainite 28.00m: tour-Q vein W=1~3cm														
30.00																

MJTY – 45

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.40	~ ~	Brown to yellowish brown soil														
5	+ +	Coarse to medium grained biotite granite yellowish brown to white														
10	+ +															
15	+ +															
	+ +	Fresh rock														
20	+ +															
25	+ +															
30.00 30	+ +															

MJTY - 46

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
	~ ~	Dark brown soil														
		Medium grained tour-mus granite Reddish broun to yellowish white color														
5		Kaolinitization	K													
10																
15																
20																
25		Aplitic granite														
30.00 30																

MJTY - 47

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Gray soil														
1.70																
		Fine to medium grained tour-mus granite white color Strong kaolinization & sericitization Widely decomposed rock	K.S		1	3.30	0.001	0.001	0.006	—	0.012	0.006	52	21	0.0	2
5					2	5.00	0.001	0.002	0.005	—	0.011	0.005	45	19	0.0	0
10					3	5.00	0.000	0.000	0.005	—	0.011	0.004	45	23	0.0	1
15					4	5.00	0.000	0.000	0.005	—	0.010	0.005	47	19	0.0	1
20					5	5.00	0.000	0.000	0.005	—	0.011	0.005	47	25	0.0	1
25					6	5.00	0.001	0.000	0.005	—	0.010	0.005	44	18	0.0	0
30.00																
30																

MJTY - 48

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Grayish brown soil														
2.00																
		Fine to medium grained tour-mus granite white strong kaolinization & sericitization	K. S		2	5.00	0.000	0.000	0.005	—	0.013	0.002	35	15	0.0	1
10		Decomposed rock widespread			3	5.00	0.000	0.001	0.004	—	0.013	0.002	39	19	0.0	0
15					4	5.00	0.000	0.001	0.004	—	0.013	0.002	36	18	0.0	1
20					5	5.00	0.000	0.001	0.004	—	0.013	0.004	34	16	0.0	0
25		coarse grain			6	5.00	0.000	0.001	0.004	—	0.011	0.002	31	14	0.0	1
30.00																

MJTY - 49

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
	~ ~ ~	Grayish brown soil														
1.70	+ + +	Fine grained			1	3.30	0.000	0.001	0.005	—	0.012	0.003	38	20	0.0	1
5	+ + +	Medium to coarse grained tour-mus granite gray to white color pink color in some part Widely decomposed			2	5.00	0.000	0.000	0.005	—	0.011	0.003	36	14	0.0	0
10	+ + +				3	5.00	0.000	0.000	0.008	—	0.006	0.007	51	15	0.0	0
15	+ + +	Fine grain			4	5.00	0.000	0.000	0.005	—	0.012	0.007	91	28	0.0	1
20	+ + +				5	5.00	0.000	0.000	0.007	—	0.007	0.006	60	16	0.0	0
25	+ + +				6	5.00	0.000	0.000	0.005	—	0.007	0.006	59	15	0.0	0
30.00 30	+ + +															

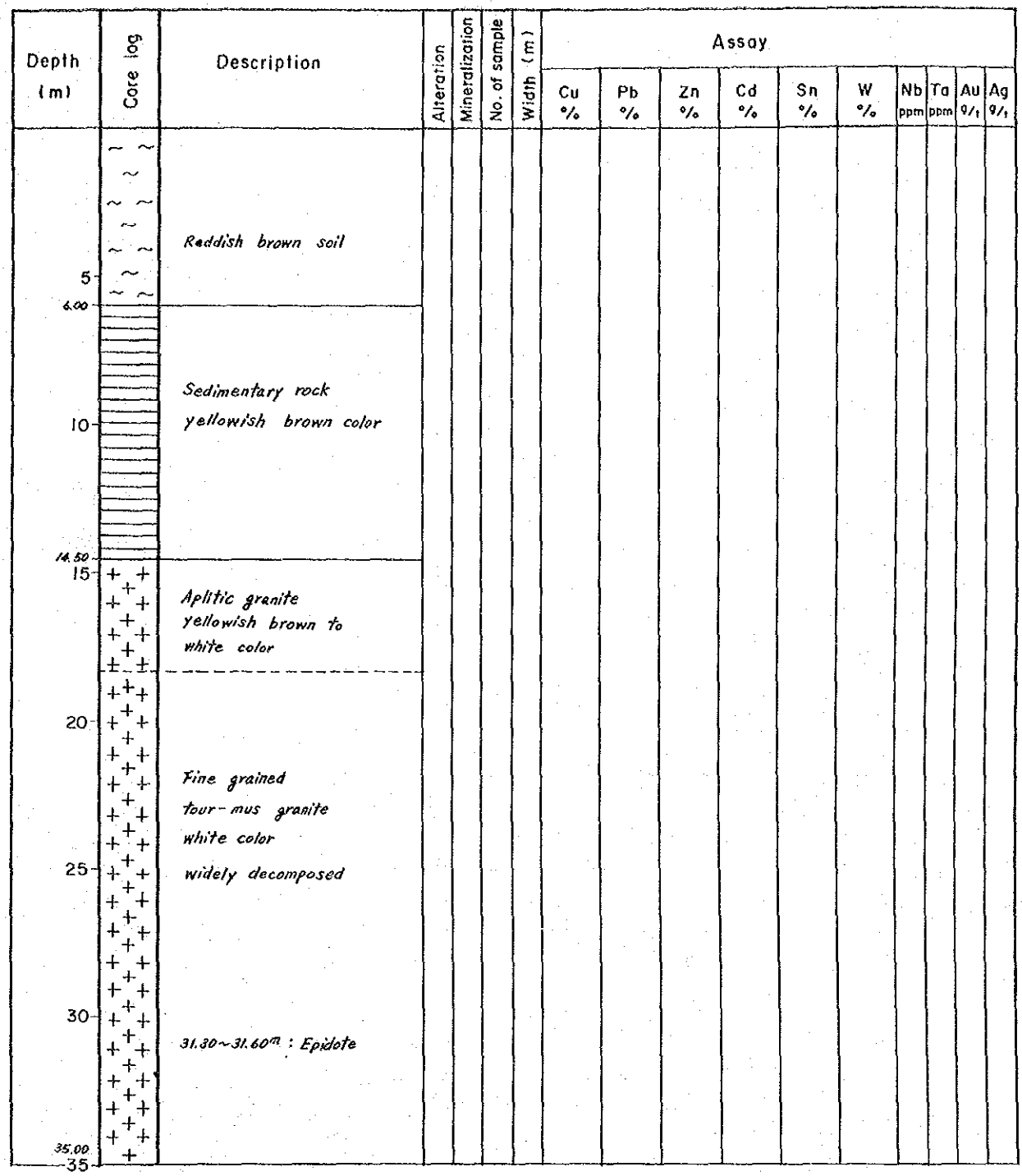
MJTY - 50

Length 30.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
1.00	~ ~	Grayish brown soil														
5	+ +	Fine to medium grained tour - mus granite Decomposed rock Strong Alteration	K · S													
10	+ +															
14.00	+ +															
15	+ +				1	2.00	0.004	0.001	0.009	—	0.010	0.011	46	19	0.0	1
16.00	+ +				2	1.00	0.000	0.000	0.006	—	0.011	0.006	50	21	0.0	0
17.00	+ +	Fresh rock														
20	+ +															
25	+ +	Medium to coarse grained tour - mus granite Pink and yellowish green color secondary mineral along fractures														
30.00 30	+ +															

MJTY - 51

Length 35.00m



MJTY - 52

Length 45.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
0.80		Reddish brown soil														
5		Sedimentary rock yellowish brown to greenish gray color														
10																
15																
20																
25																
30																
35		36.00~36.40m diabase W=5cm 38.20~38.40m diabase W=5cm														
38.20		38.20m : Dyke W=5cm														
39.00		Skarnized rock Greenish gray color			1	1.70	0.001	0.002	0.11	—	0.007	0.001	8	<10	0.0	0
40.70		Diabase grey color														
42.20		Skarnized rock, silicified	E		2	0.80	0.001	0.001	0.20	—	0.006	0.003	7	<10	0.0	0
43.00		granite														
43.50		Skarnized rock, silicified			3	0.50	0.001	0.006	0.050	—	0.006	0.016	9	<10	0.0	1
44.00		Fine grained tour - granite														
45.00																

MJTY – 53

Length 35.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
	~ ~	Dark brown soil														
5		Sedimentary rock yellowish brown color partly greenish gray														
9.80																
10		Skarnized rock Greenish gray color		Zn	1	0.70	0.004	0.14	3.43	0.050	0.005	0.049	4	<10	0.0	36
10.50					2	0.50	0.006	0.10	2.61	0.027	0.005	0.043	5	<10	0.0	34
11.00					3	1.50	0.013	0.12	2.82	0.029	0.014	0.071	6	<10	0.0	96
12.50					4	1.00	0.016	0.006	2.63	0.013	0.030	0.042	3	<10	0.0	5
13.50					5	1.30	0.013	0.006	1.40	0.015	0.059	0.014	4	<10	0.0	6
14.80					6	0.20	0.14	0.012	11.6	0.17	0.051	0.11	3	<10	0.0	26
15					7	0.50	0.12	0.002	3.48	0.058	0.095	0.066	4	<10	0.0	11
15.50					8	0.50	0.070	0.002	4.33	0.076	0.086	0.046	4	<10	0.0	11
16.00					9	1.00	0.33	0.030	6.92	0.12	0.11	0.073	3	<10	0.0	52
17.00		Massive sulfide gray color		Cu	10	1.50	0.77	0.002	0.39	—	0.065	0.055	5	<10	0.0	33
18.50					11	1.50	0.40	0.000	0.022	—	0.015	0.034	5	<10	0.0	3
20					12	1.30	0.28	0.001	0.020	—	0.008	0.015	7	<10	0.0	7
21.30																
25		Medium to coarse grained tour-mus granite														
30																
35.00																
35																

MJTY - 54

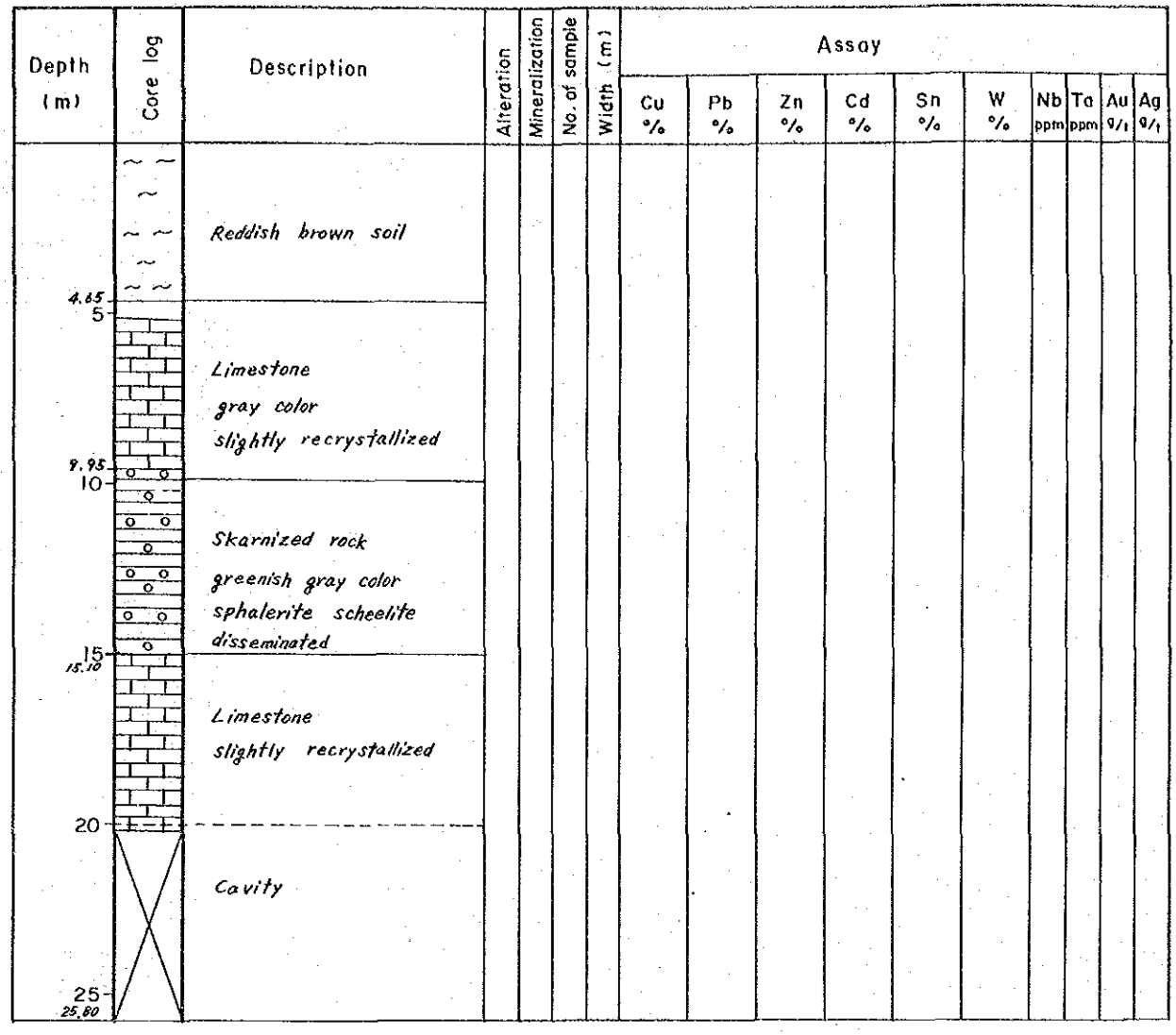
Length 75.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Assay														
3.95		Reddish brown soil														
35.50		Limestone Gray to white color slightly recrystalized Bedding 40°														
36.40		Skarnized rock Greenish gray color		Zn	1	0.90	0.007	0.063	0.25	—	0.066	0.007	4	<10	0.0	30
36.50				Zn	2	0.40	0.007	0.22	3.46	0.037	0.23	0.10	7	<10	0.0	95
					3	1.70	0.006	0.003	0.22	—	0.12	0.002	4	<10	0.0	2
38.50				Zn	4	1.20	0.14	0.017	6.16	0.068	0.12	0.060	3	<10	0.0	15
39.70				Zn	5	0.50	0.40	0.023	0.91	0.011	0.13	0.017	4	<10	0.0	23
40.10				Zn	6	0.30	0.053	0.018	1.88	0.020	0.20	0.058	3	<10	0.0	11
40.40		Skarnized rock			7	1.70	0.007	0.001	0.033	—	0.23	0.003	6	<10	0.0	1
42.10				Cu	8	1.40	0.38	0.009	0.13	—	0.026	0.030	7	<10	0.0	18
43.50		Massive sulfide Gray to grayish brown color		Cu	9	2.50	0.41	0.003	0.017	—	0.003	0.019	3	<10	0.0	10
46.00				Cu	10	2.00	0.48	0.002	0.019	—	0.003	0.047	5	<10	0.0	11
48.00		Relic of schistose rock interbeded in some part		Cu	11	2.00	0.51	0.002	0.032	—	0.004	0.024	6	<10	0.0	9
50.00																

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Assay														
51.00				Cu	12	1.00	0.40	0.002	0.018	—	0.003	0.026	4	<10	0.0	6
52.50				Cu	13	1.50	0.64	0.004	0.022	—	0.008	0.013	7	<10	0.0	11
55				Cu	14	2.50	0.30	0.002	0.016	—	0.002	0.010	3	<10	0.0	6
				Cu	15	2.00	0.40	0.002	0.011	—	0.001	0.044	3	<10	0.0	6
57.00				Cu	16	1.00	0.25	0.001	0.022	—	0.008	0.045	7	<10	0.0	12
58.00				Cu	17	1.00	0.73	0.002	0.034	—	0.004	0.11	4	<10	0.0	25
59.00				Cu	18	1.00	1.14	0.002	0.041	—	0.007	0.11	4	<10	0.0	37
60				Cu	19	0.95	0.78	0.002	0.033	—	0.008	0.066	5	<10	0.0	25
60.95		Silicified rock		Cu	20	0.20	0.35	0.001	0.034	—	0.018	0.076	11	<10	0.0	25
61.20		Skarnized silcified Sedimentary rock yellowish green color Pyrrhotite layer interbed Magnetite, chalcopyrite scheelite disseminated	E	Cu	21	1.60	0.10	0.002	0.28	—	0.056	0.011	7	<10	0.0	3
61.40			E	Cu	22	2.00	0.68	0.002	0.48	—	0.051	0.085	9	<10	0.0	16
63.00			E	Cu	23	1.00	0.83	0.001	0.022	—	0.060	0.032	8	<10	0.0	19
65			E	Cu	24	1.05	0.36	0.001	0.040	—	0.042	0.037	12	<10	0.0	11
66.00																
67.05																
70		Medium grained granite Weak kaolinitization & sericitization partly skarnized	K·S													
75.00																
75																

MJTY – 54'

Length 25.80m



MJTY – 55

Length 75.30m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Cavity														
55																
56.50																
57.20																
58.20		Skarnized rock Greenish gray color bedding 60°		Zn	1	1.00	0.002	0.046	0.30	—	0.049	0.004	5	<10	0.0	24
60					2	1.80	0.005	0.15	1.10	0.015	0.076	0.029	6	<10	0.0	80
61.15					3	1.15	0.003	0.067	0.86	0.012	0.051	0.031	6	<10	0.0	53
62.50		Limestone recrystalline														
65		Calc - silicate rock pale gray to white color														
68.20		Boundary : 35°														
69.30		Skarnized rock Greenish gray color		Zn	4	1.10	0.093	0.30	4.94	0.065	0.085	0.060	5	<10	0.0	150
70					5	1.70	0.003	0.080	1.09	0.015	0.11	0.020	6	<10	0.0	54
71.00					6	0.50	0.008	0.69	5.52	0.070	0.028	0.081	3	13	0.0	373
71.50					7	1.50	0.001	0.062	0.13	—	0.062	0.026	6	<10	0.0	30
73.00																
74.50		Boundary : 35°			8	1.50	0.003	0.23	1.29	0.015	0.079	0.031	6	<10	0.0	110
74.70																
75	+ +	Medium to coarse grained biotite granite														
75.30																

MJTY - 56

Length 37.00m

Depth (m)	Core log	Description	Alteration	Mineralization	No. of sample	Width (m)	Assay									
							Cu %	Pb %	Zn %	Cd %	Sn %	W %	Nb ppm	Ta ppm	Au g/t	Ag g/t
		Brown soil														
3.00																
5		Sedimetary rock Orange color, clayey														
6.70																
		Gossan Dark brown color, porous			1	3.80	0.59	0.13	0.10	—	0.075	0.16	12	<10	0.0	53
10																
10.50																
		Sedimentary rock yellowish white to yellowish brown color														
15																
20																
25																
29.10																
					2	1.90	0.002	0.20	0.19	—	0.006	0.007	9	<10	0.0	18
29.00			E	Zn												
30		Skarnized rock yellowsh green color			3	2.00	0.010	0.079	1.04	0.013	0.055	0.037	11	<10	0.0	2
31.00					4	1.00	0.15	0.16	1.27	0.007	0.068	0.049	6	<10	0.0	38
32.00					5	1.00	0.11	0.018	1.07	0.022	0.30	0.032	18	11	0.0	16
33.00			E		6	1.20	0.001	0.015	0.007	—	0.23	0.007	22	<10	0.0	7
34.20																
35		Medium grained biotite granite														
37.00																