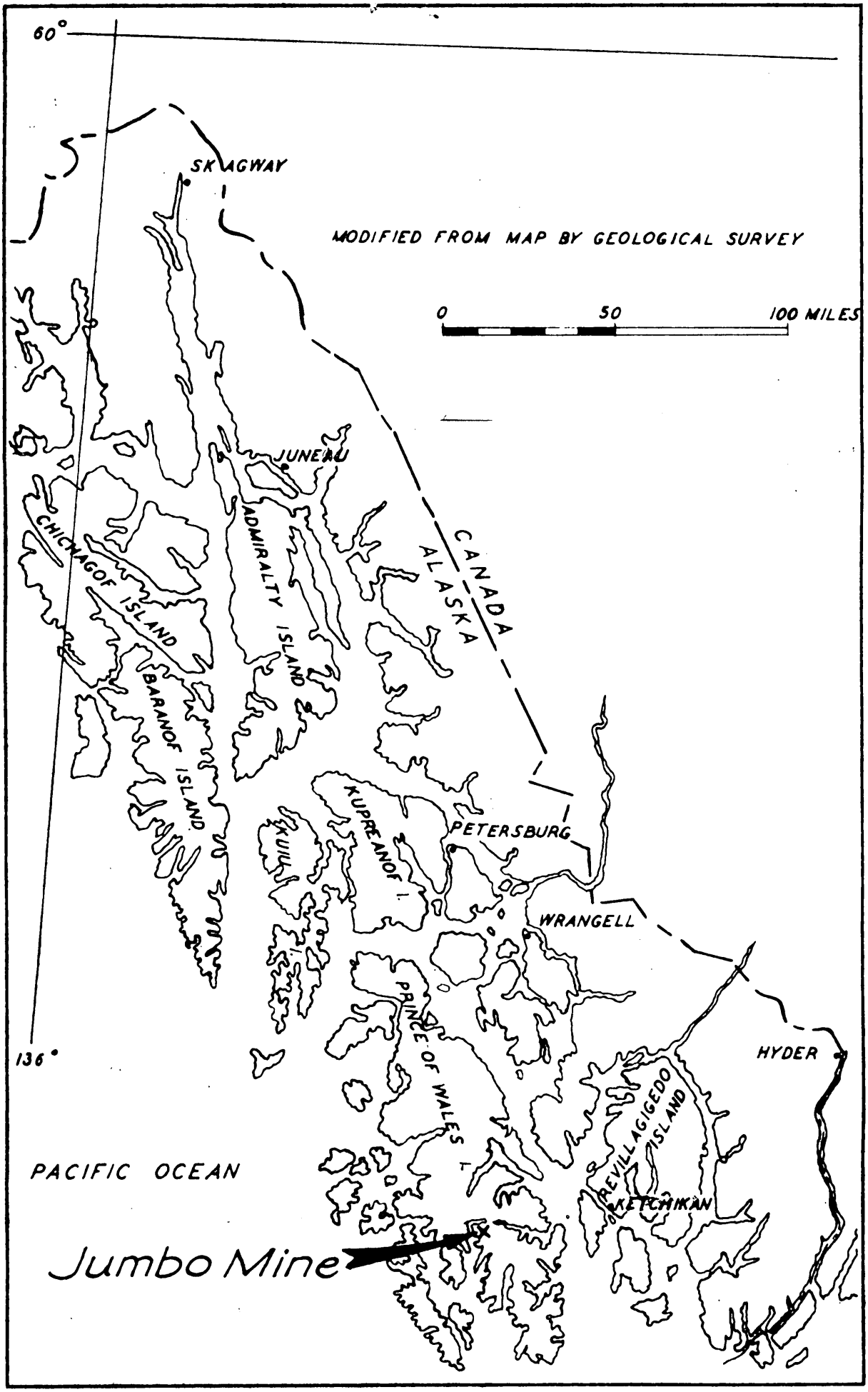


FIG. 1 INDEX MAP — SOUTHEASTERN ALASKA

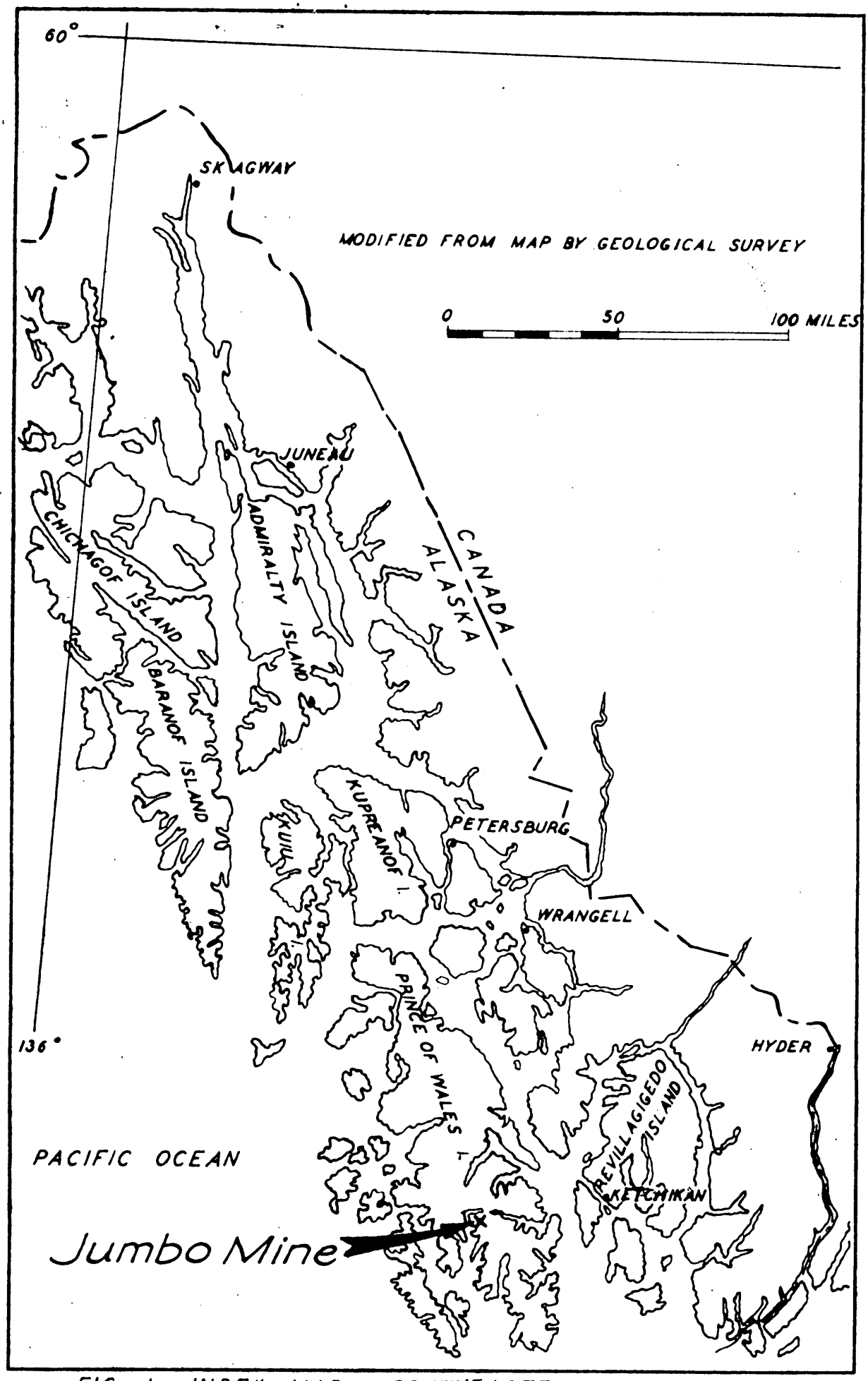


FIG. 1 INDEX MAP — SOUTHEASTERN ALASKA

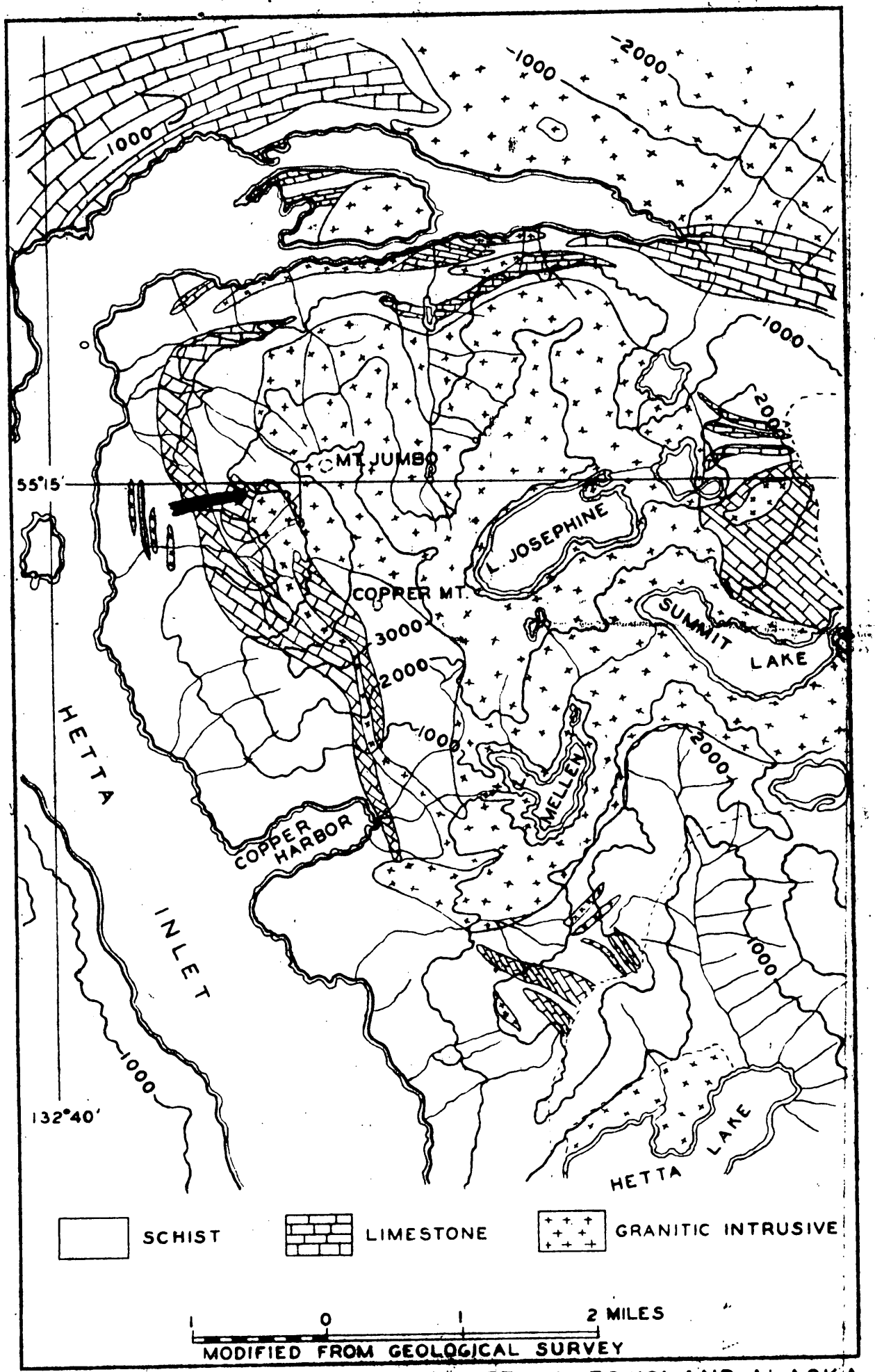


FIG. 2. MT. JUMBO AREA, PRINCE WALES ISLAND, ALASKA

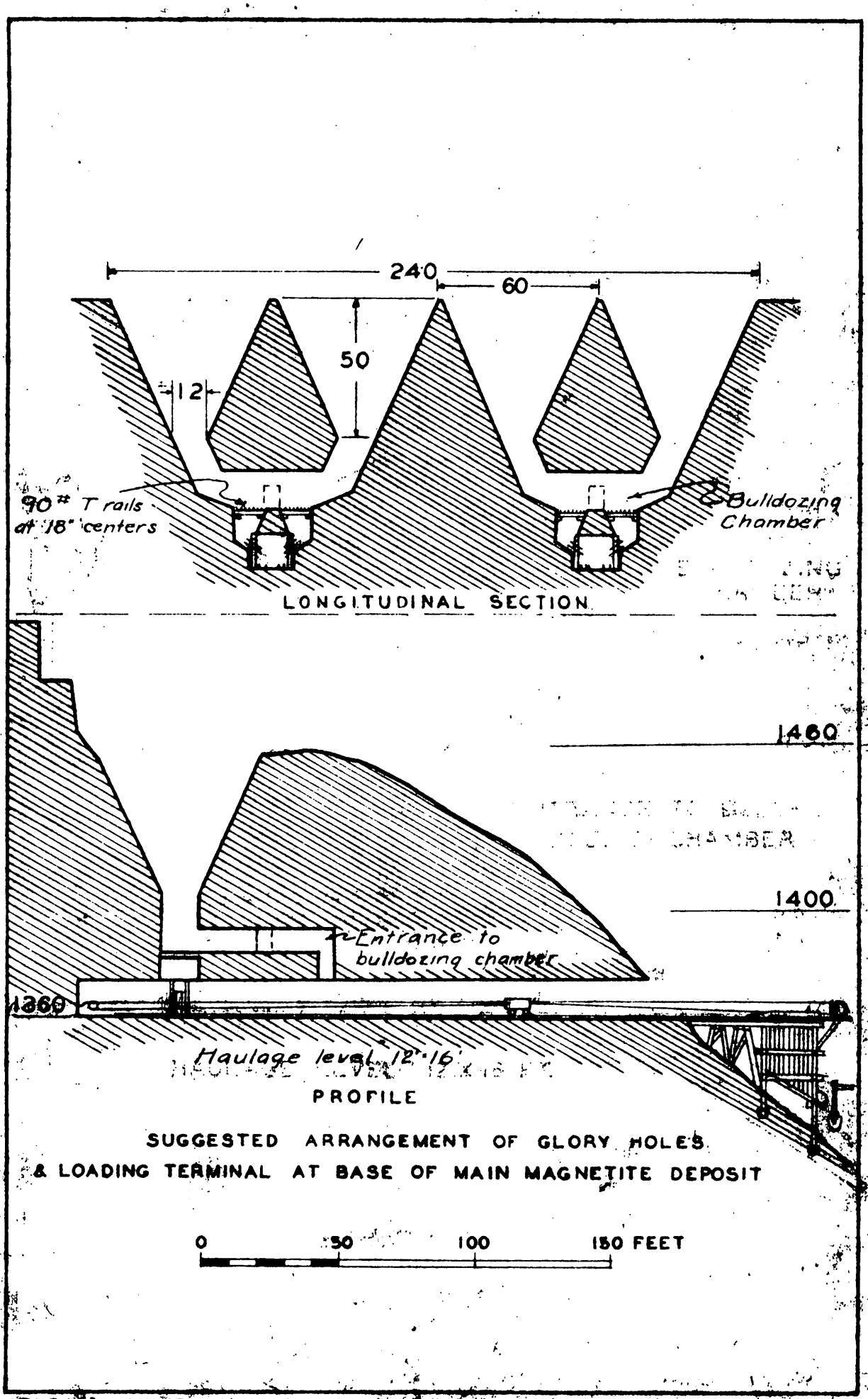


FIG. 11 JUMBO PROPERTY [illegible] OF WALES [illegible] AND [illegible]

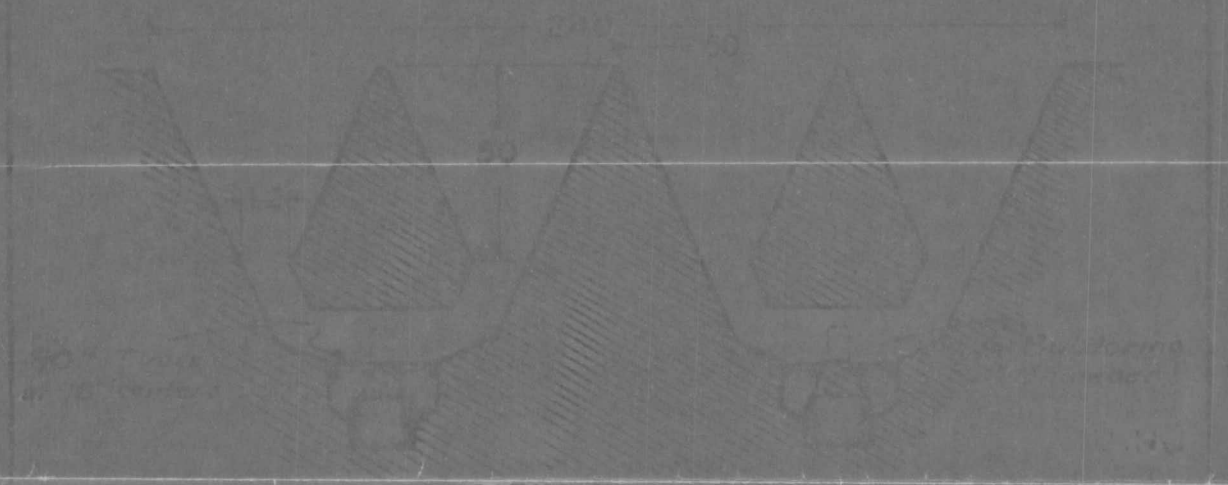
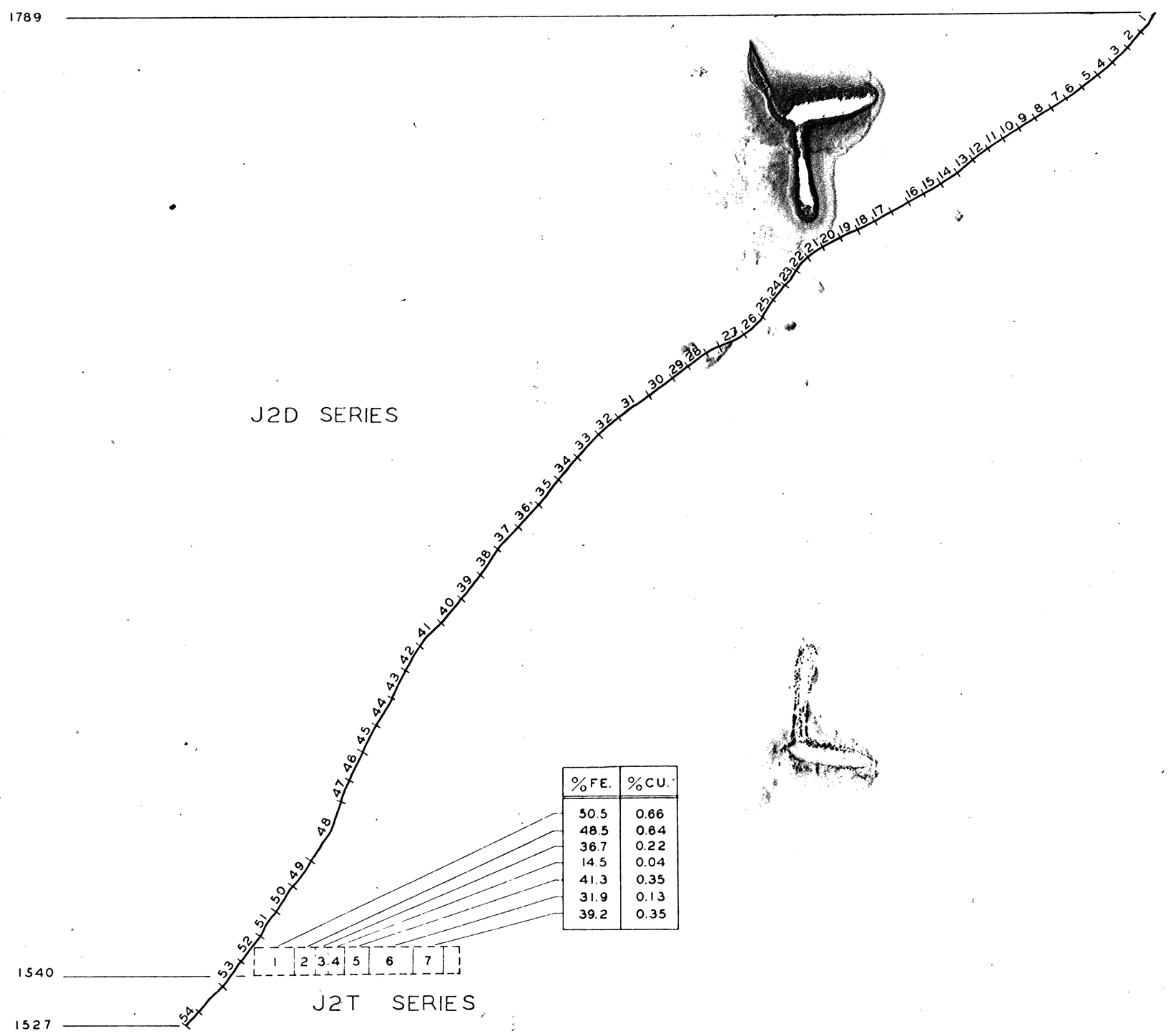


FIG. 11 JUNBO PROPERTY

1000
2000
1000
1000
20
MT JUMBO
55°15'
JOSEPHINE
COPPER MT
3000
2000
100
SUMMIT
LAKE
2000
HETTA
MELLEN
COPPER
HARBOR
INLET
1000
1000
132°40'

JUMBO PROPERTY
PRINCE OF WALES ISLAND



SAMPLE NO.	%FE.	%CU.	SAMPLE NO.	%FE.	%CU.
1	33.1	0.19	28	57.3	0.02
2	26.4	4.27	29	48.2	0.32
3	21.2	0.53	30	57.1	1.63
4	26.4	0.15	31	57.8	1.96
5	32.6	0.22	32	57.1	1.36
6	36.6	0.22	33	58.6	1.36
7	54.8	0.06	34	27.9	0.27
8	33.8	0.17	35	51.4	0.92
9	53.0	0.10	36	55.5	1.00
10	52.7	0.10	37	57.0	1.89
11	41.9	0.04	38	53.8	1.28
12	38.1	0.09	39	35.7	1.00
13	35.6	0.11	40	46.7	1.75
14	39.3	0.07	41	58.5	1.05
15	40.9	0.04	42	52.9	1.17
16	43.7	0.04	43	55.3	0.68
17	45.1	0.02	44	31.5	0.22
18	56.6	0.04	45	50.0	0.53
19	61.0	0.02	46	52.7	0.66
20	63.0	0.02	47	44.1	0.57
21	61.8	0.09	48	13.0	0.22
22	61.7	0.18	49	60.3	1.32
23	55.2	0.02	50	52.0	1.28
24	58.9	0.02	51	62.3	0.44
25	64.0	0.04	52	51.0	0.57
26	65.2	0.04	53	37.4	1.00
27	62.6	0.04	54	48.2	1.13

20 0 20 40 60 80 100 120 FEET

HORIZONTAL & VERTICAL SCALE IN FEET

FIG. 10 PROFILE OF CHANNEL SAMPLES J2D J2T

JUMBO PROPERTY
PRINCE OF WALES ISLAND

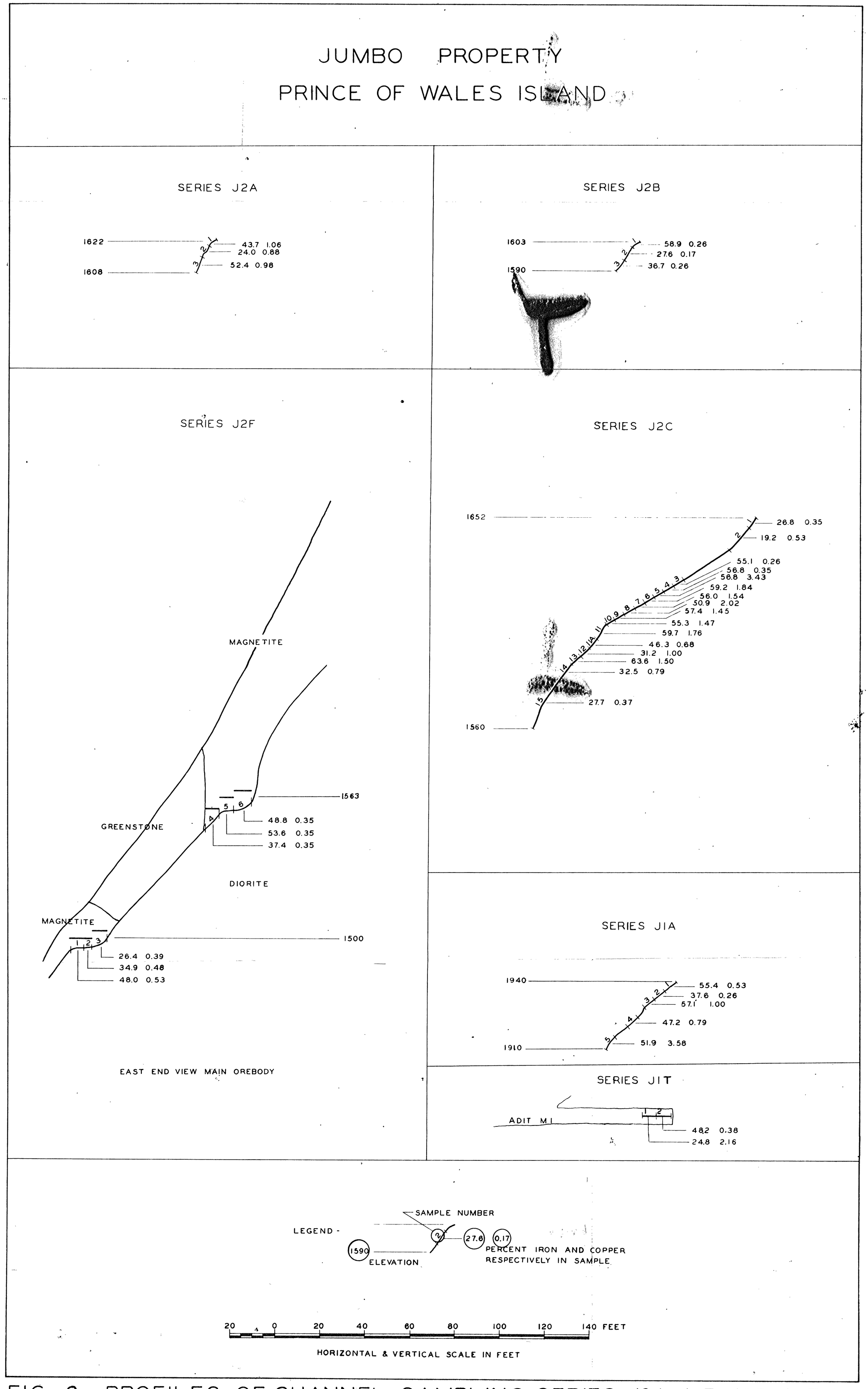
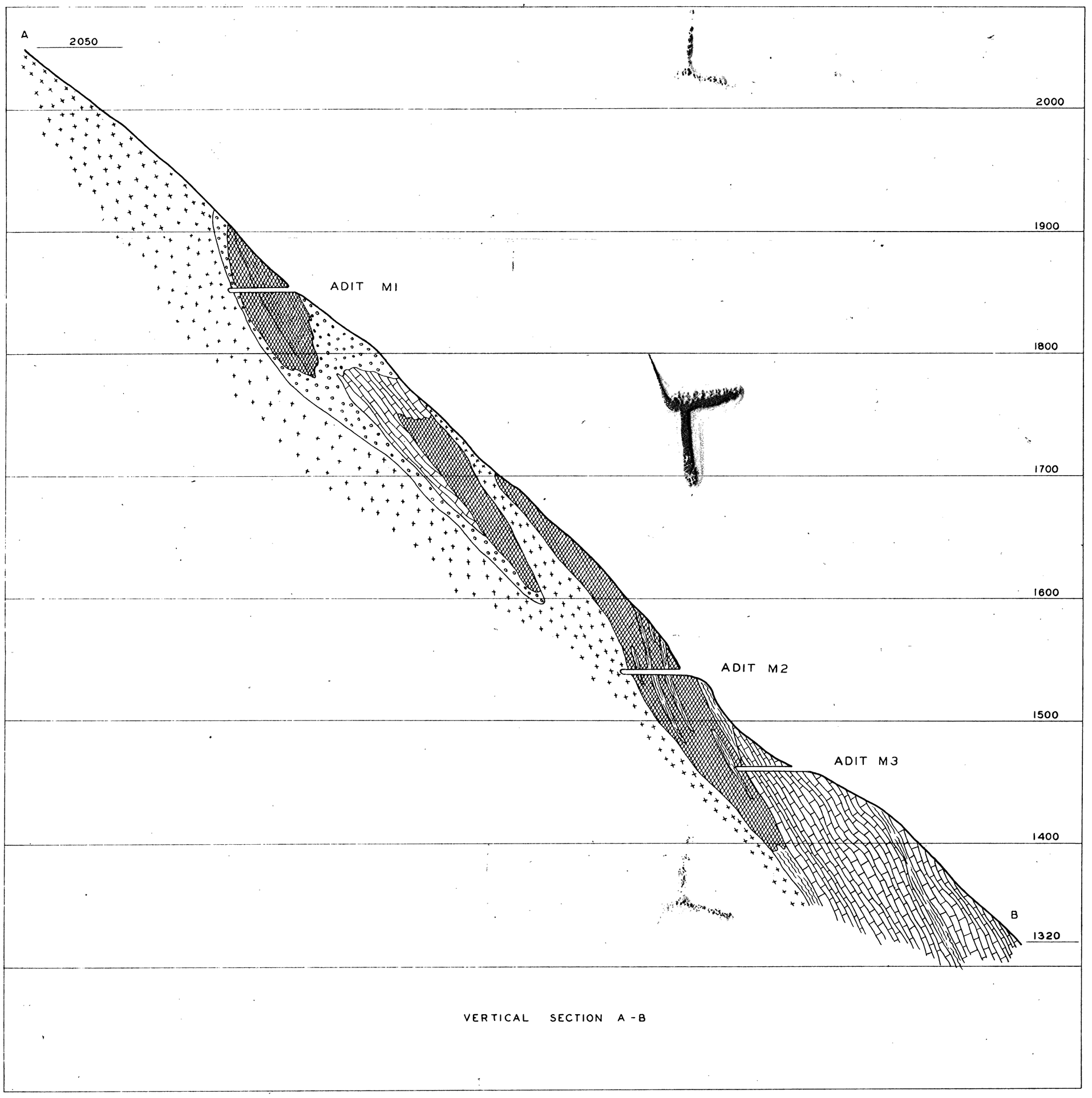


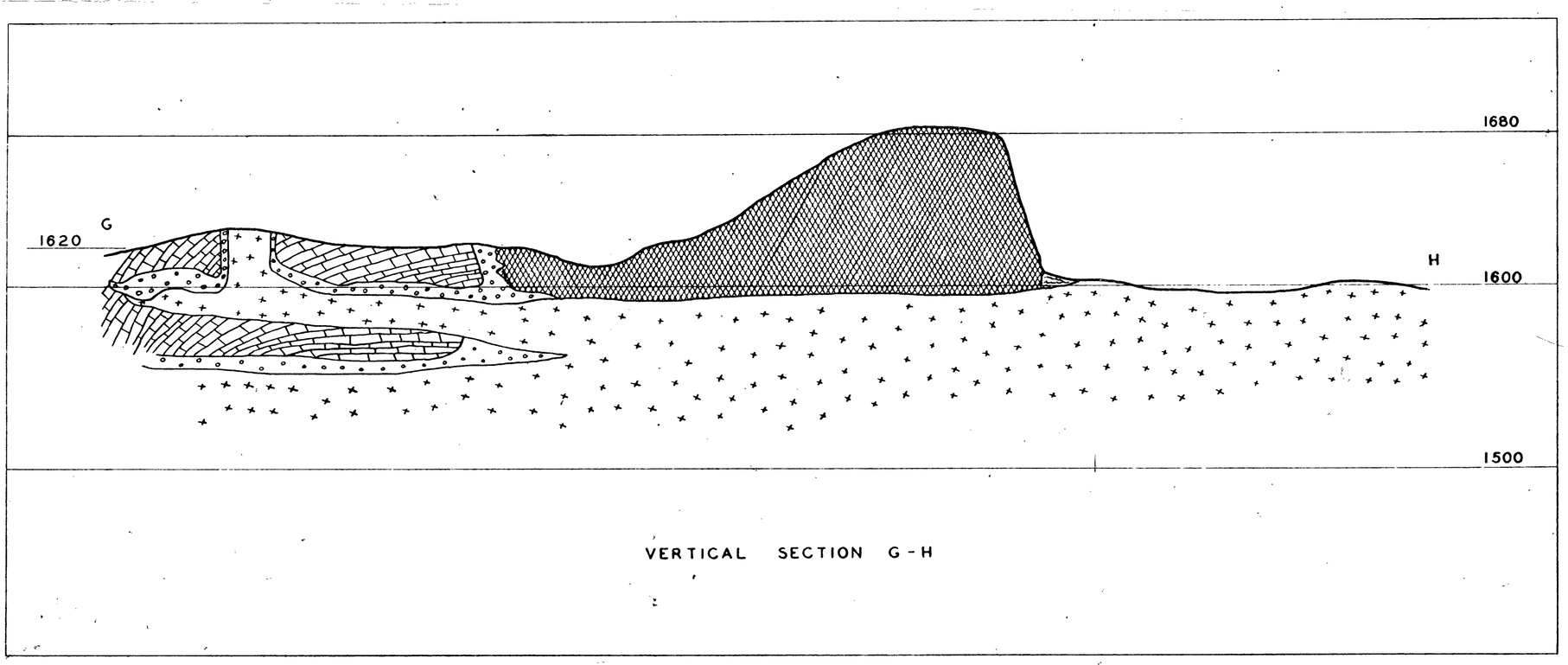
FIG. 9 PROFILES OF CHANNEL SAMPLING-SERIES J2A, J2B, J2C, J2F, J1A

Fig-9



JUMBO PROPERTY
PRINCE OF WALES ISLAND

CONTROL TRAVERSE BY BUREAU OF MINES-GEOLOGY BY GEOLOGICAL SURVEY



SKARN | SCHIST | DIORITE | LIMESTONE | MAGNETITE | CHALCOPYRITIC SKARN

50 0 50 100 150 200 250 FEET

HORIZONTAL & VERTICAL SCALE IN FEET

FIG. 8 SECTIONS A-B AND G-H

7.9.8

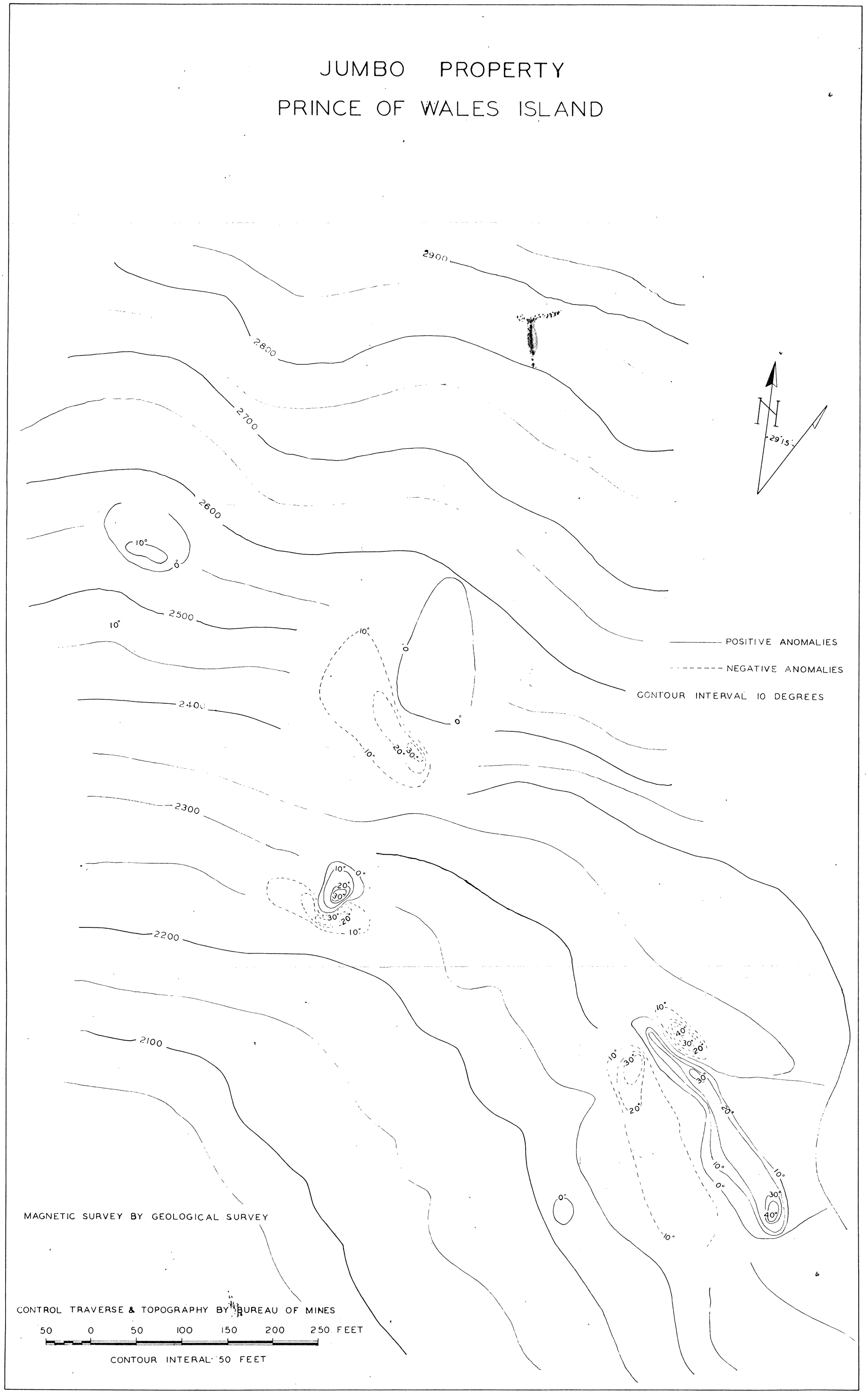


FIG. 7 MAGNETIC SURVEY OF UPPER AREA

7.9.7

JUMBO PROPERTY

PRINCE OF WALES ISLAND

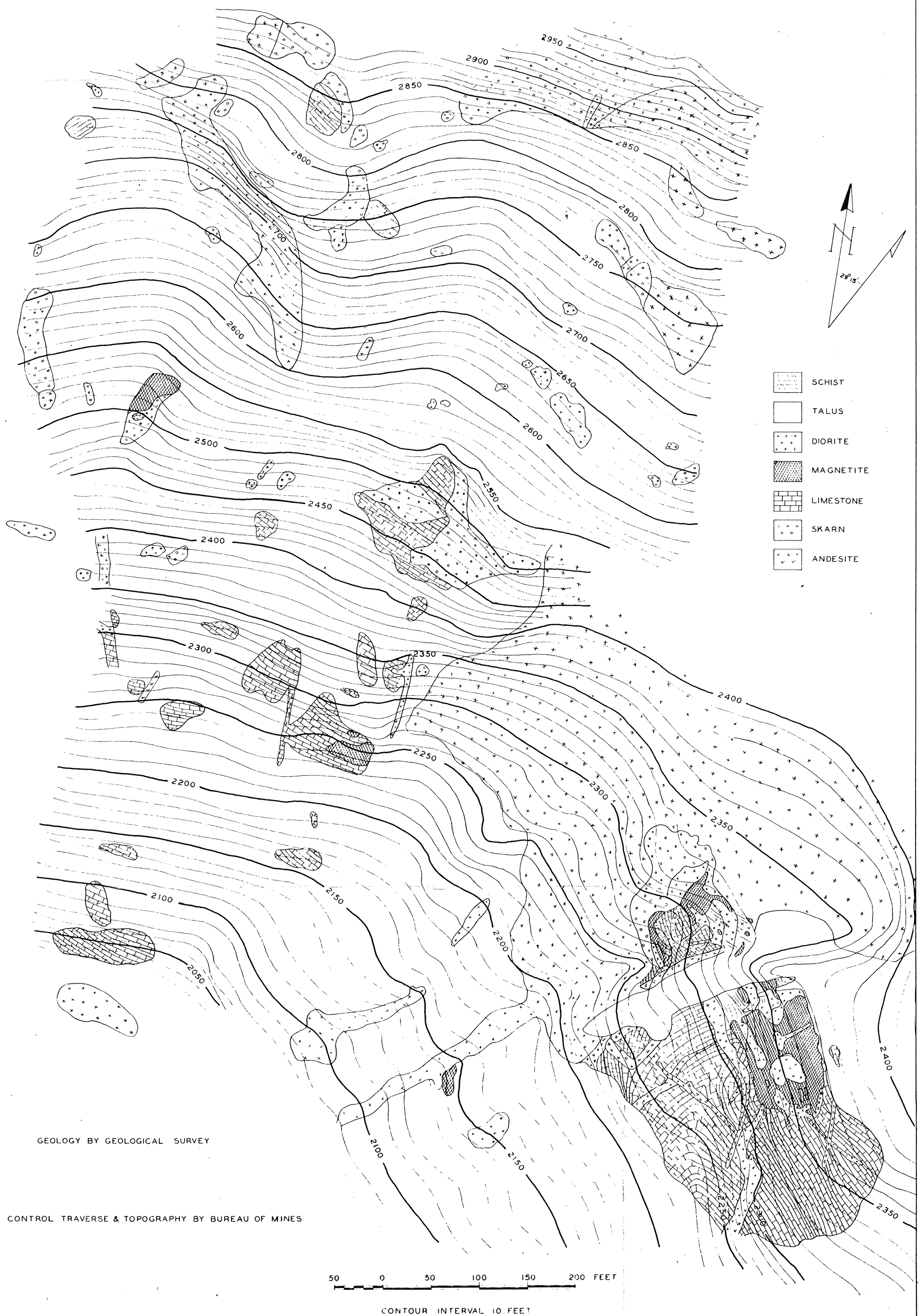


FIG. 6 MAGNETITE OUTCROPS UPPER AREA

Fig. 6

FIG. 5 MAGNETIC SURVEY OF MAIN AREA

Fig. 5

JUMBO PROPERTY

PRINCE OF WALES ISLAND

TOPOGRAPHY BY BUREAU OF MINES

GEOLOGY BY GEOLOGICAL SURVEY

50 0 50 100 150 200 250 FEET

CONTOUR INTERVAL 10 FEET

- SCHIST
- TALUS
- DIORITE
- MAGNETITE
- LIMESTONE - MARBLE
- SKARN-CONTACT ROCK
- ANDESITE DIKE
- CHALCOPYRITIC SKARN
- TRENCH - J1A J2A J2B J2C J2D J2F

FIG. 4 GENERAL TOPOGRAPHIC AND GEOLOGIC MAP

Fig 4

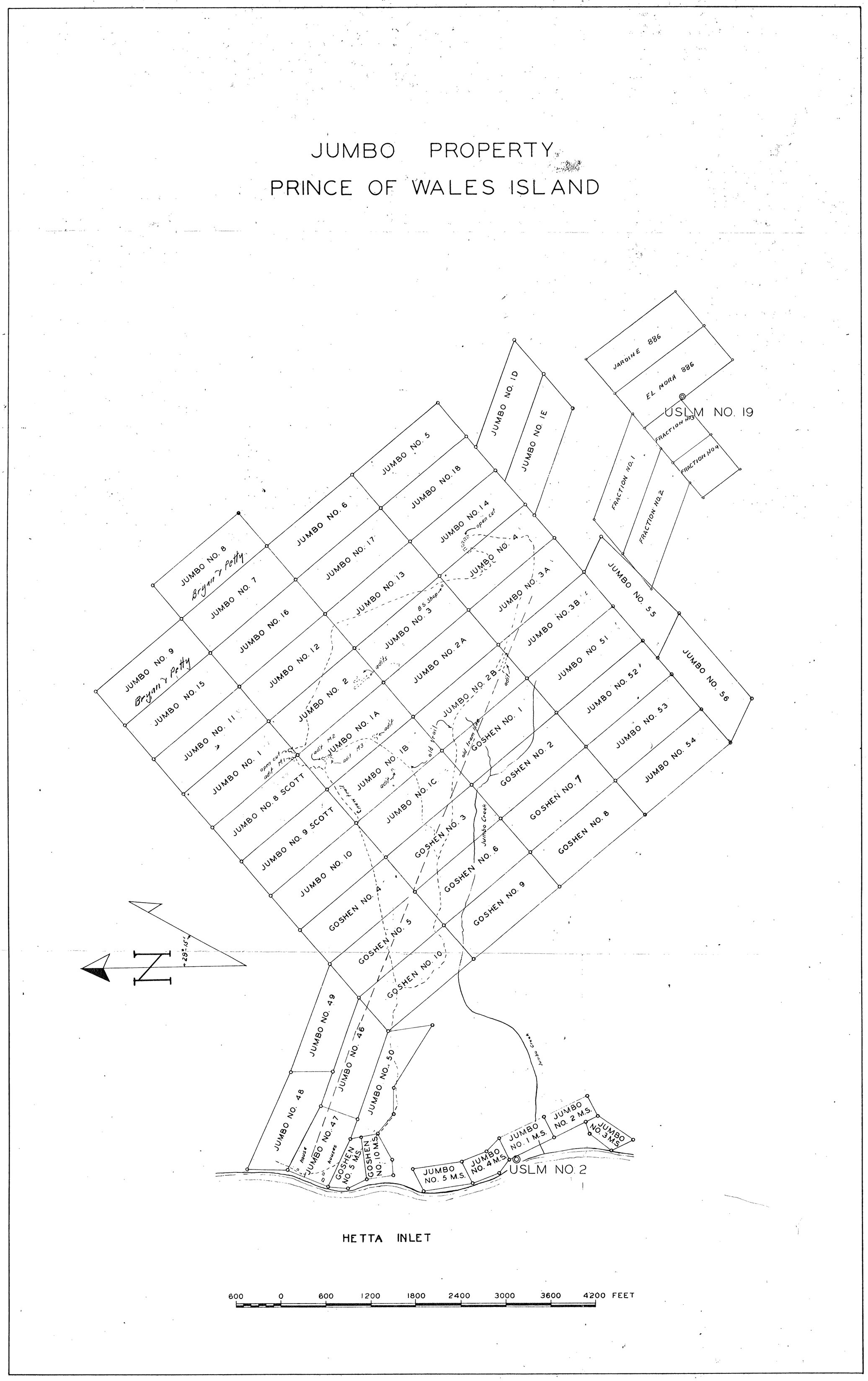
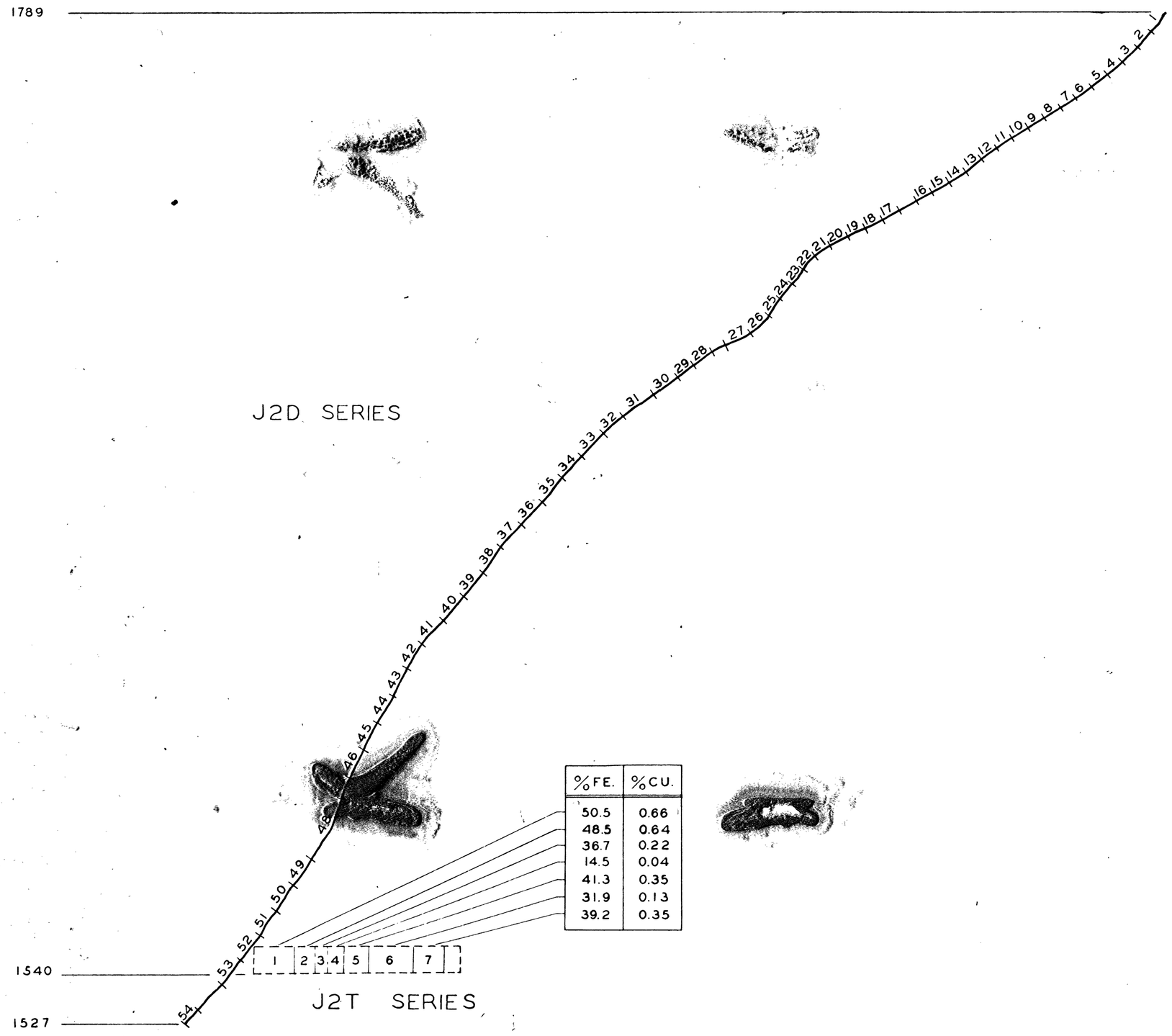


FIG. 3 CLAIM MAP - JUMBO BASIN

7.9.3

JUMBO PROPERTY
PRINCE OF WALES ISLAND



%FE.	%CU.
50.5	0.66
48.5	0.64
36.7	0.22
14.5	0.04
41.3	0.35
31.9	0.13
39.2	0.35

SAMPLE NO.	%FE.	%CU.		SAMPLE NO.	%FE.	%CU.
1	33.1	0.19		28	57.3	0.02
2	26.4	4.27		29	48.2	0.32
3	21.2	0.53		30	57.1	1.63
4	26.4	0.15		31	57.8	1.96
5	32.6	0.22		32	57.1	1.36
6	36.6	0.22		33	58.6	1.36
7	54.8	0.06		34	27.9	0.27
8	33.8	0.17		35	51.4	0.92
9	53.0	0.10		36	55.5	1.00
10	52.7	0.10		37	57.0	1.89
11	41.9	0.04		38	53.8	1.28
12	38.1	0.09		39	35.7	1.00
13	35.6	0.11		40	46.7	1.75
14	39.3	0.07		41	58.5	1.05
15	40.9	0.04		42	52.9	1.17
16	43.7	0.04		43	55.3	0.68
17	45.1	0.02		44	31.5	0.22
18	56.6	0.04		45	50.0	0.53
19	61.0	0.02		46	52.7	0.66
20	63.0	0.02		47	44.1	0.57
21	61.8	0.09		48	13.0	0.22
22	61.7	0.18		49	60.3	1.32
23	55.2	0.02		50	52.0	1.28
24	58.9	0.02		51	62.3	0.44
25	64.0	0.04		52	51.0	0.57
26	65.2	0.04		53	37.4	1.00
27	62.6	0.04		54	48.2	1.13

20 0 20 40 60 80 100 120 FEET

HORIZONTAL & VERTICAL SCALE IN FEET

FIG. 10 PROFILE OF CHANNEL SAMPLES J2D J2T

JUMBO PROPERTY
PRINCE OF WALES ISLAND

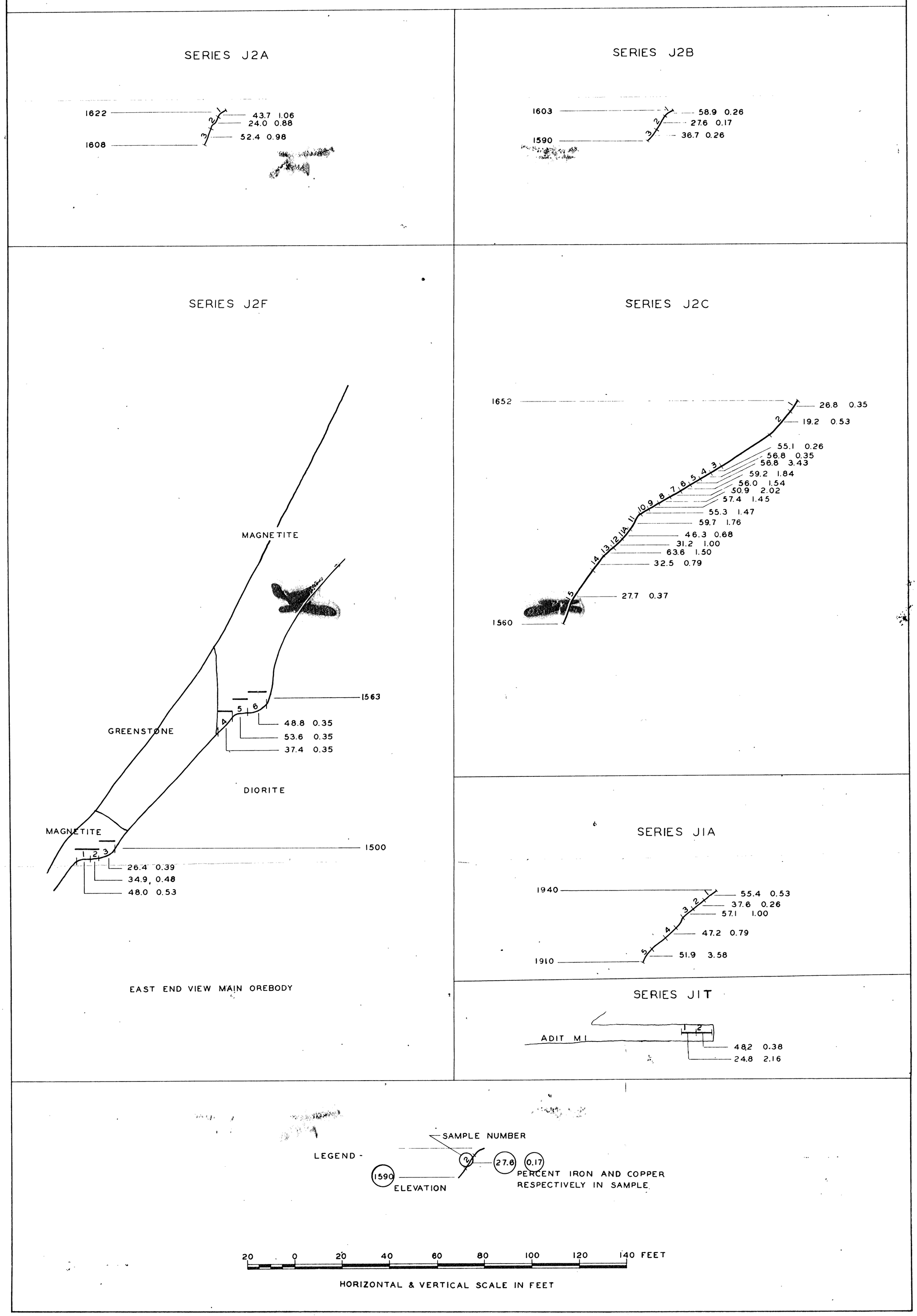
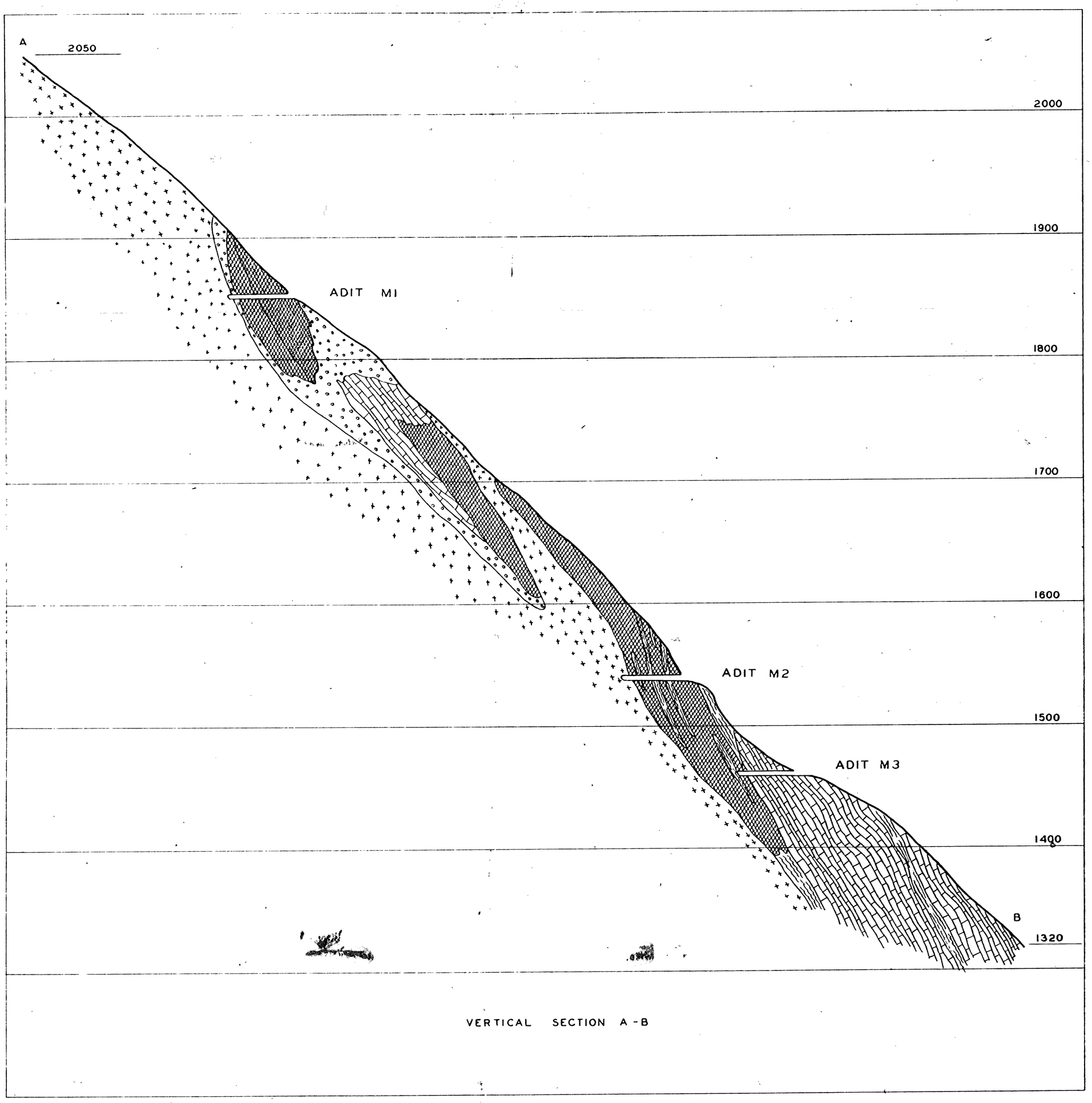


FIG. 9 PROFILES OF CHANNEL SAMPLING-SERIES J2A, J2B, J2C, J2F, J1A



JUMBO PROPERTY
PRINCE OF WALES ISLAND

CONTROL TRAVERSE BY BUREAU OF MINES-GEOLOGY BY GEOLOGICAL SURVEY

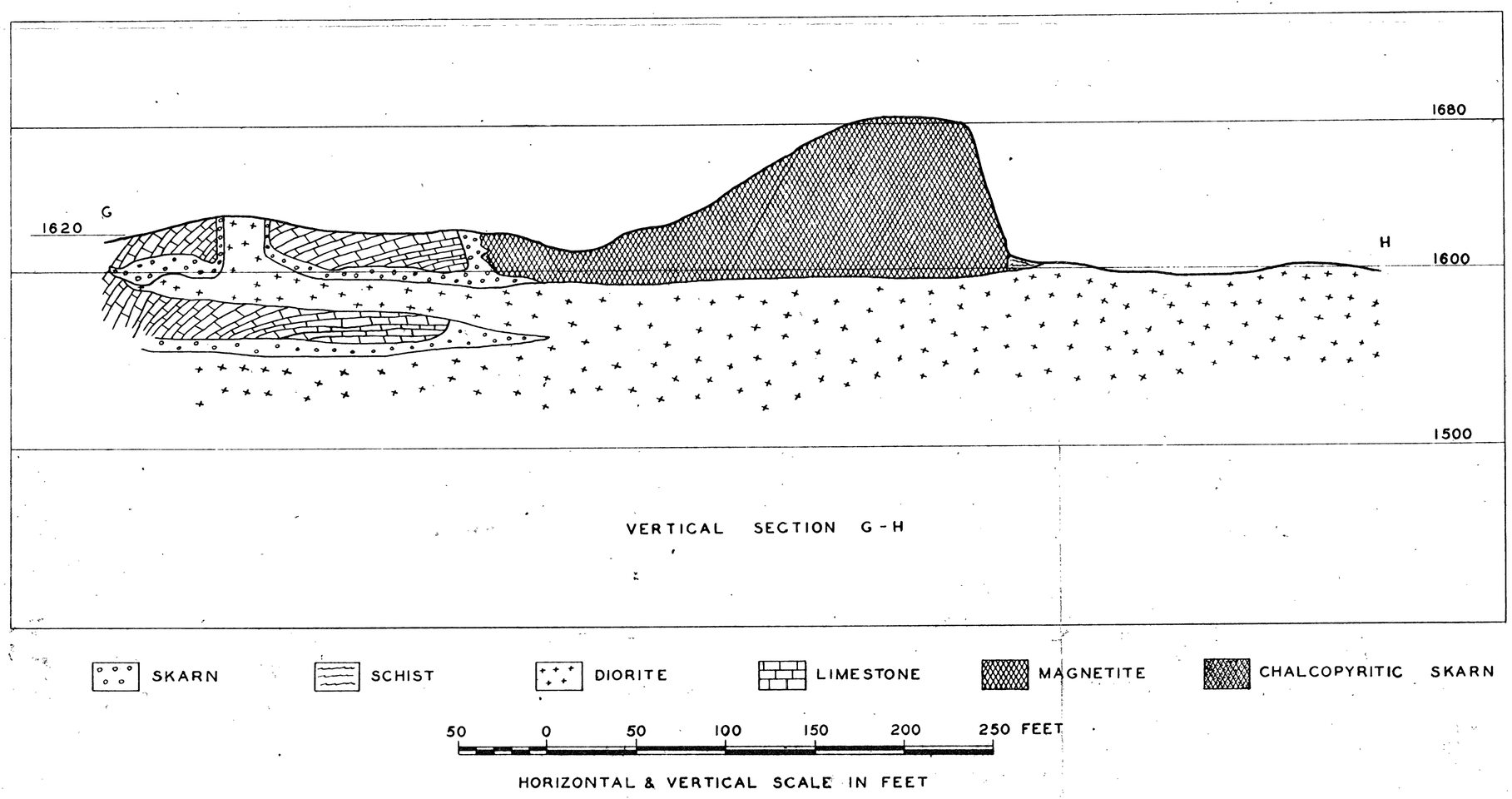


FIG. 8 SECTIONS A-B AND G-H

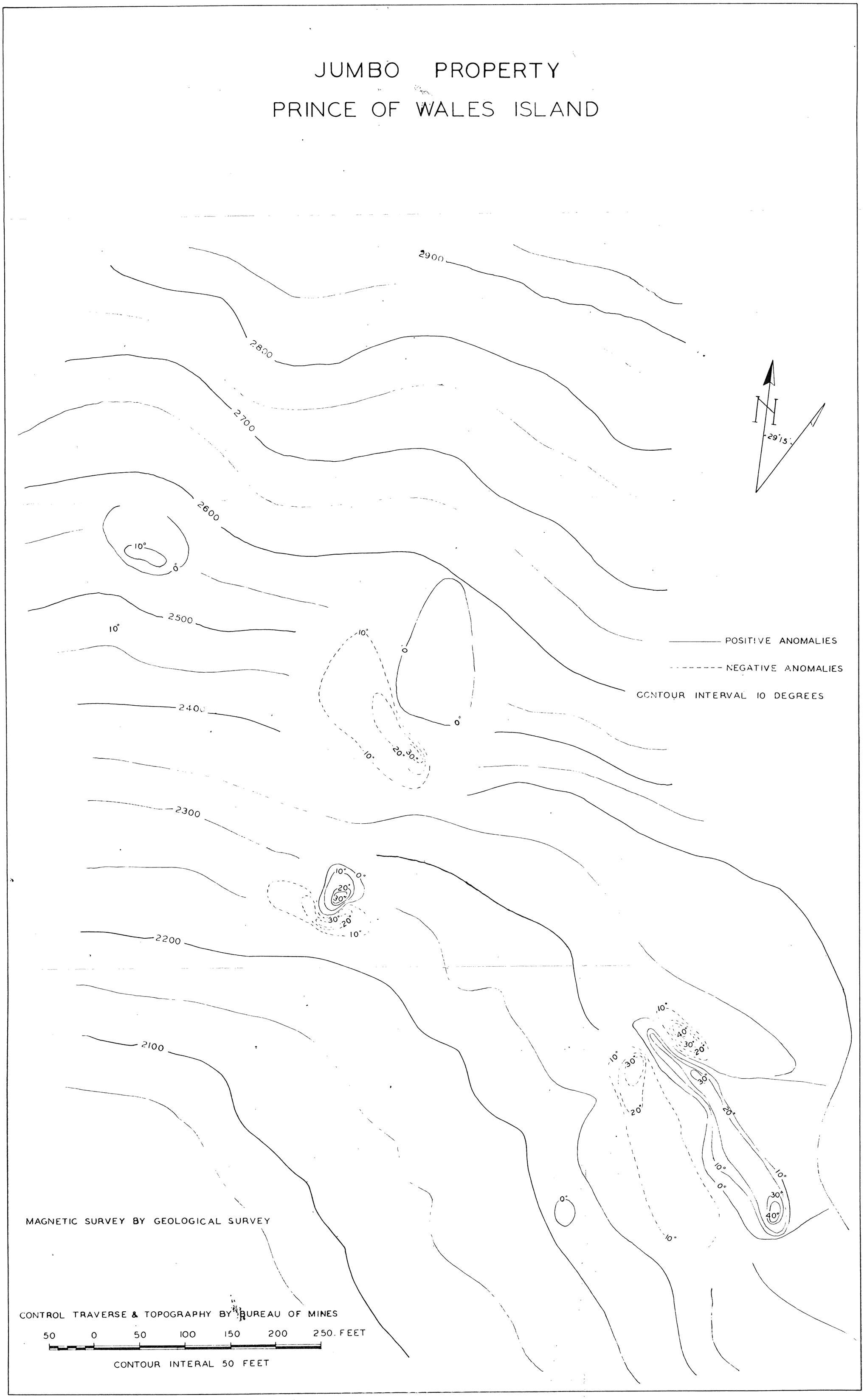


FIG. 7 MAGNETIC SURVEY OF UPPER AREA

JUMBO PROPERTY
PRINCE OF WALES ISLAND

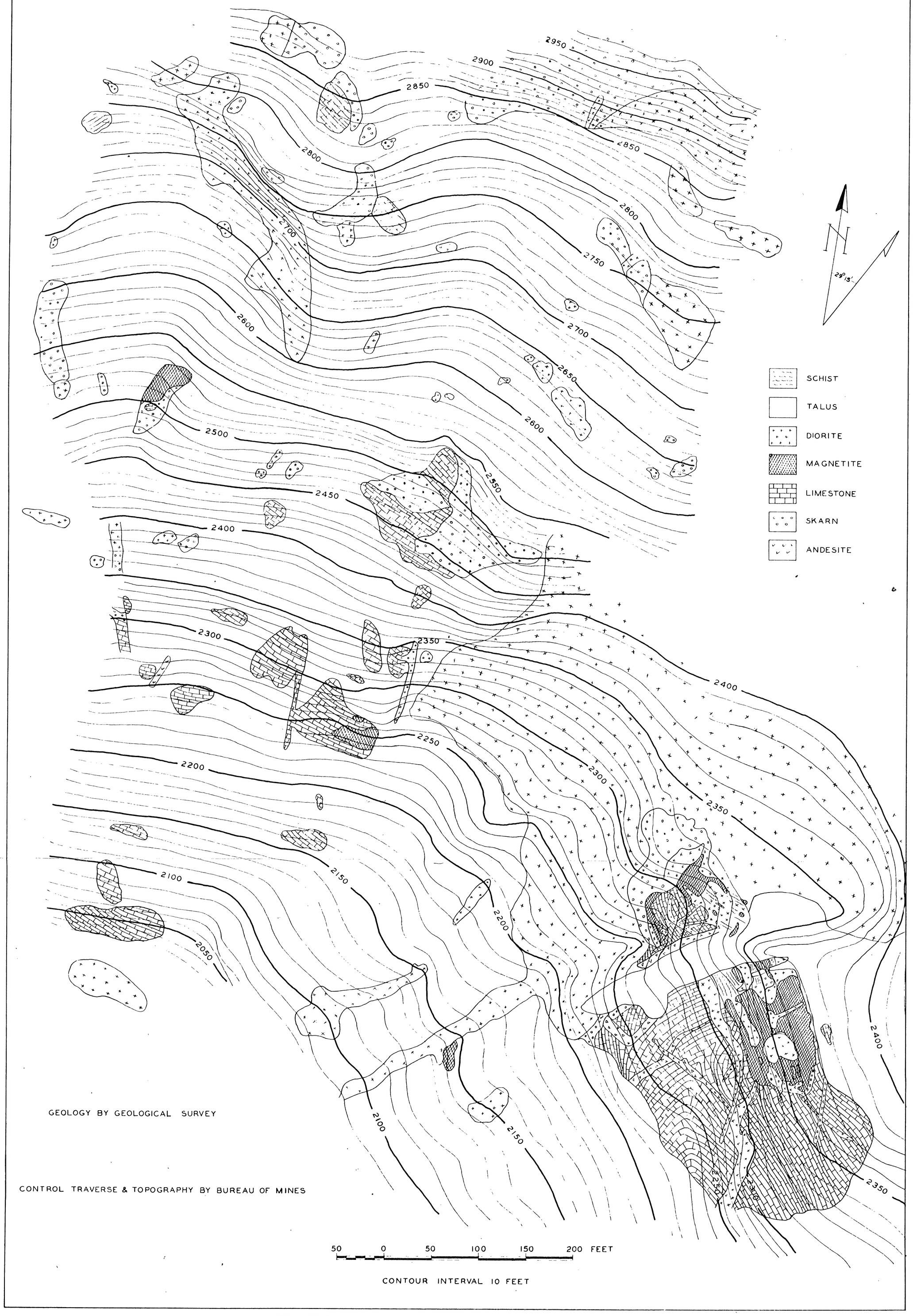
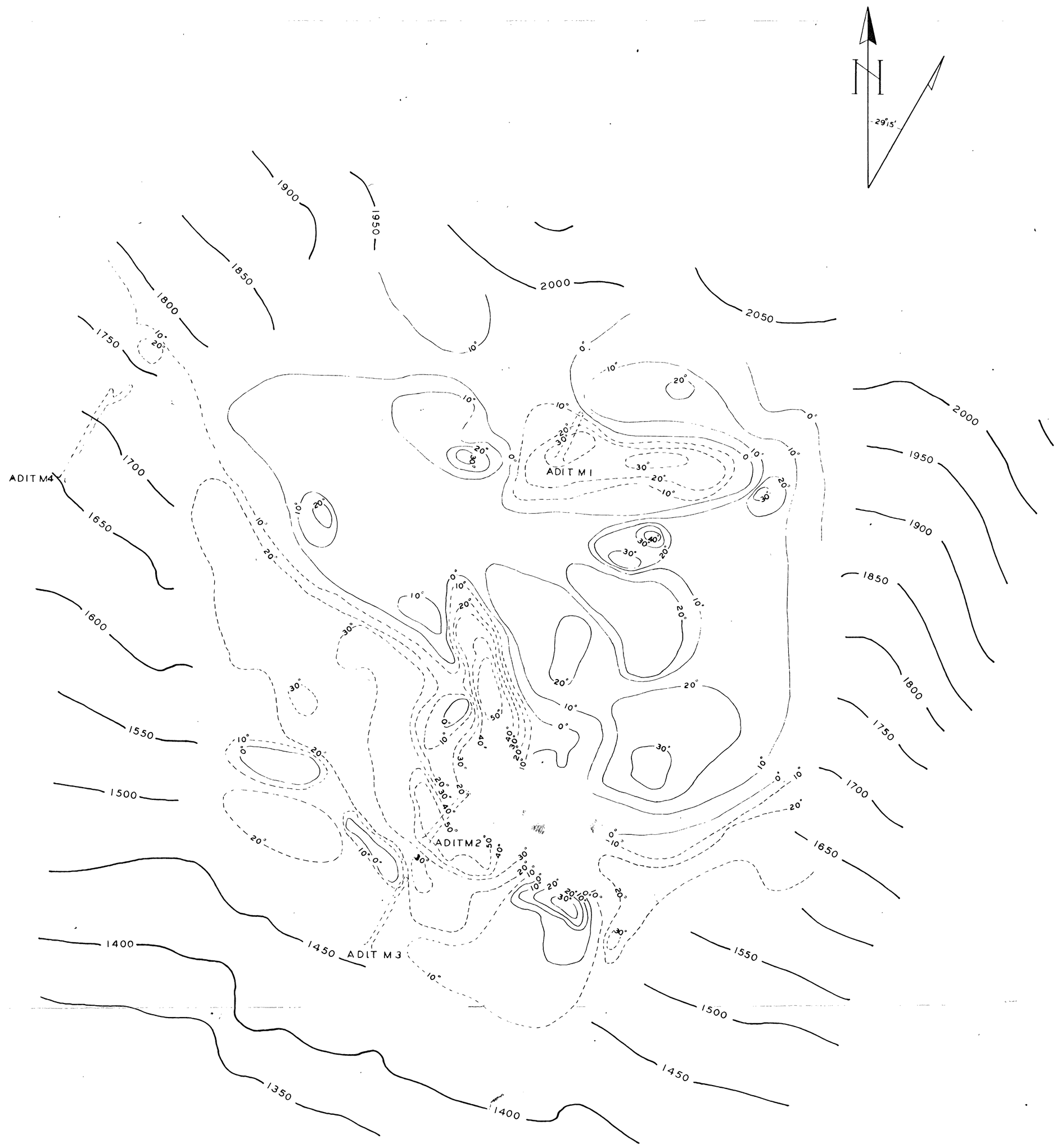


FIG. 6 MAGNETITE OUTCROPS UPPER AREA

Fig. 6

JUMBO PROPERTY

PRINCE OF WALES ISLAND



POSITIVE ANOMALIES

NEGATIVE ANOMALIES

ISOMAGNETIC INTERVAL 10 DEGREES

MAGNETIC SURVEY BY GEOLOGICAL SURVEY

CONTROL TRAVERSE & TOPOGRAPHY BY BUREAU OF MINES.

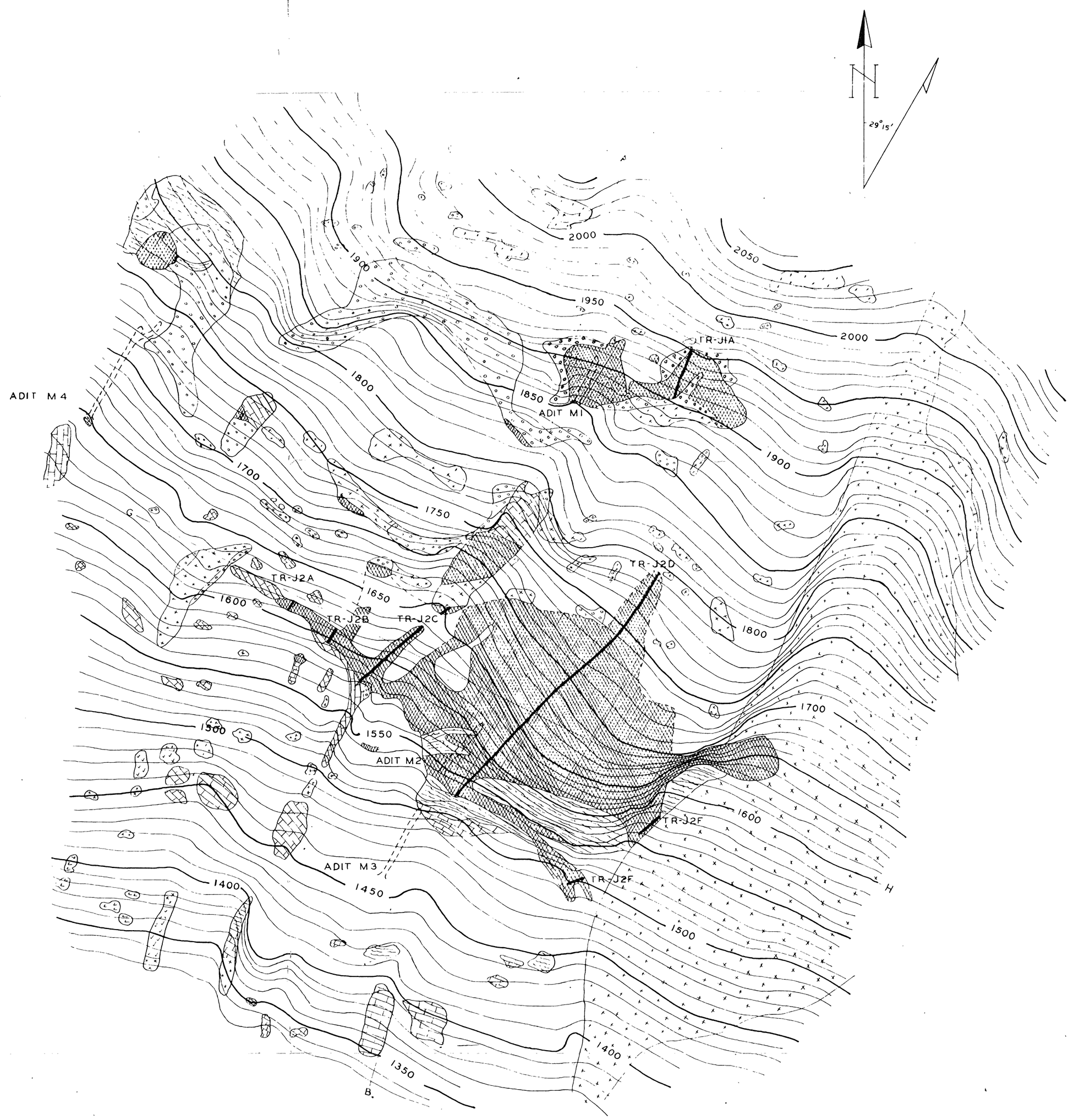
50 0 50 100 150 200 250 FEET

CONTOUR INTERVAL 50 FEET

FIG. 5 MAGNETIC SURVEY OF MAIN AREA

Fig. 5

JUMBO PROPERTY
PRINCE OF WALES ISLAND



TOPOGRAPHY BY BUREAU OF MINES

GEOLOGY BY GEOLOGICAL SURVEY

50 0 50 100 150 200 250 FEET

CONTOUR INTERVAL 10 FEET

- SCHIST
- TALUS
- DIORITE
- MAGNETITE
- LIMESTONE - MARBLE
- SKARN-CONTACT ROCK
- ANDESITE DIKE
- CHALCOPYRITIC SKARN
- TRENCH - J1A J2A J2B J2C J2D J2F

FIG. 4 GENERAL TOPOGRAPHIC AND GEOLOGIC MAP

Fig. 4

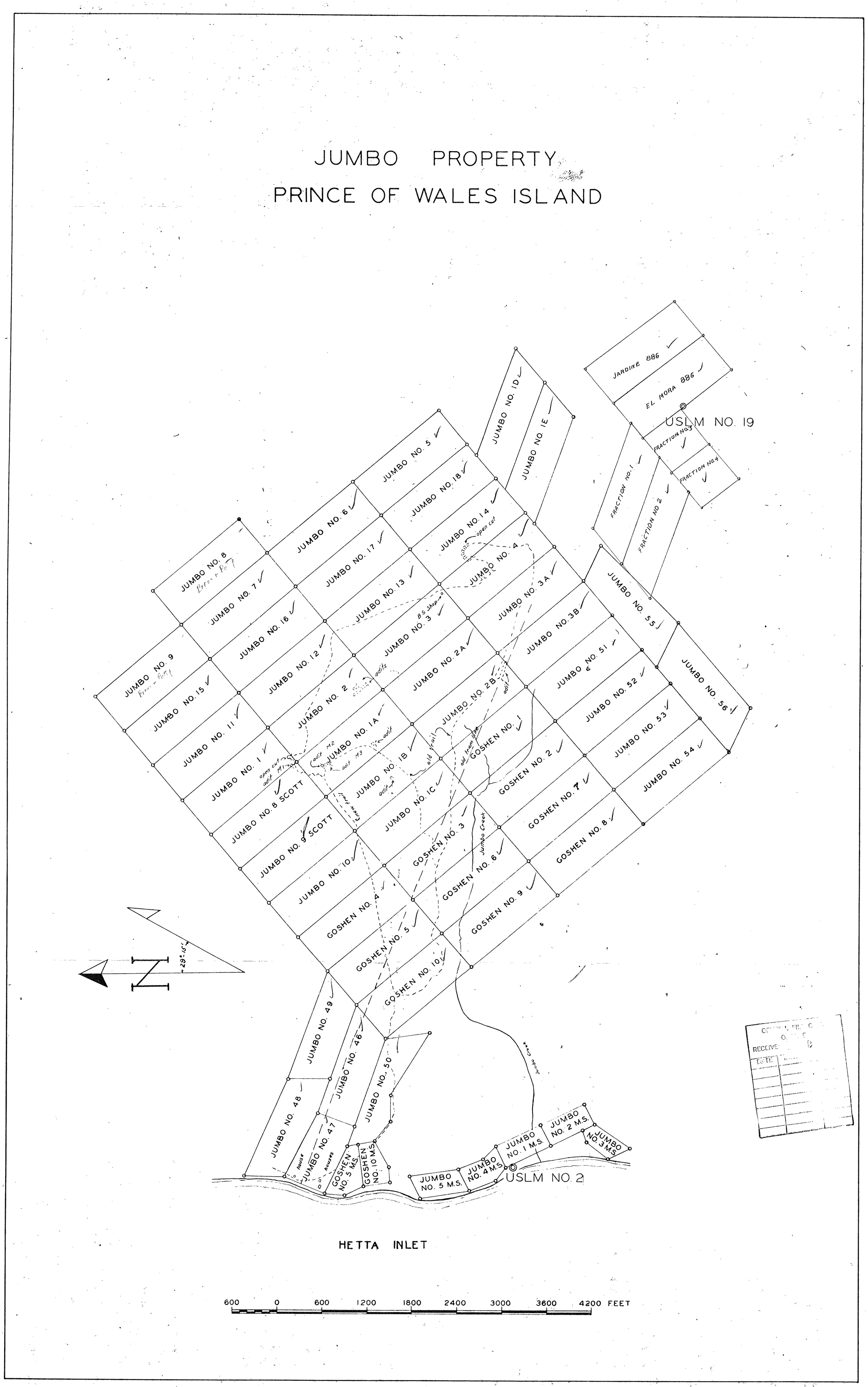
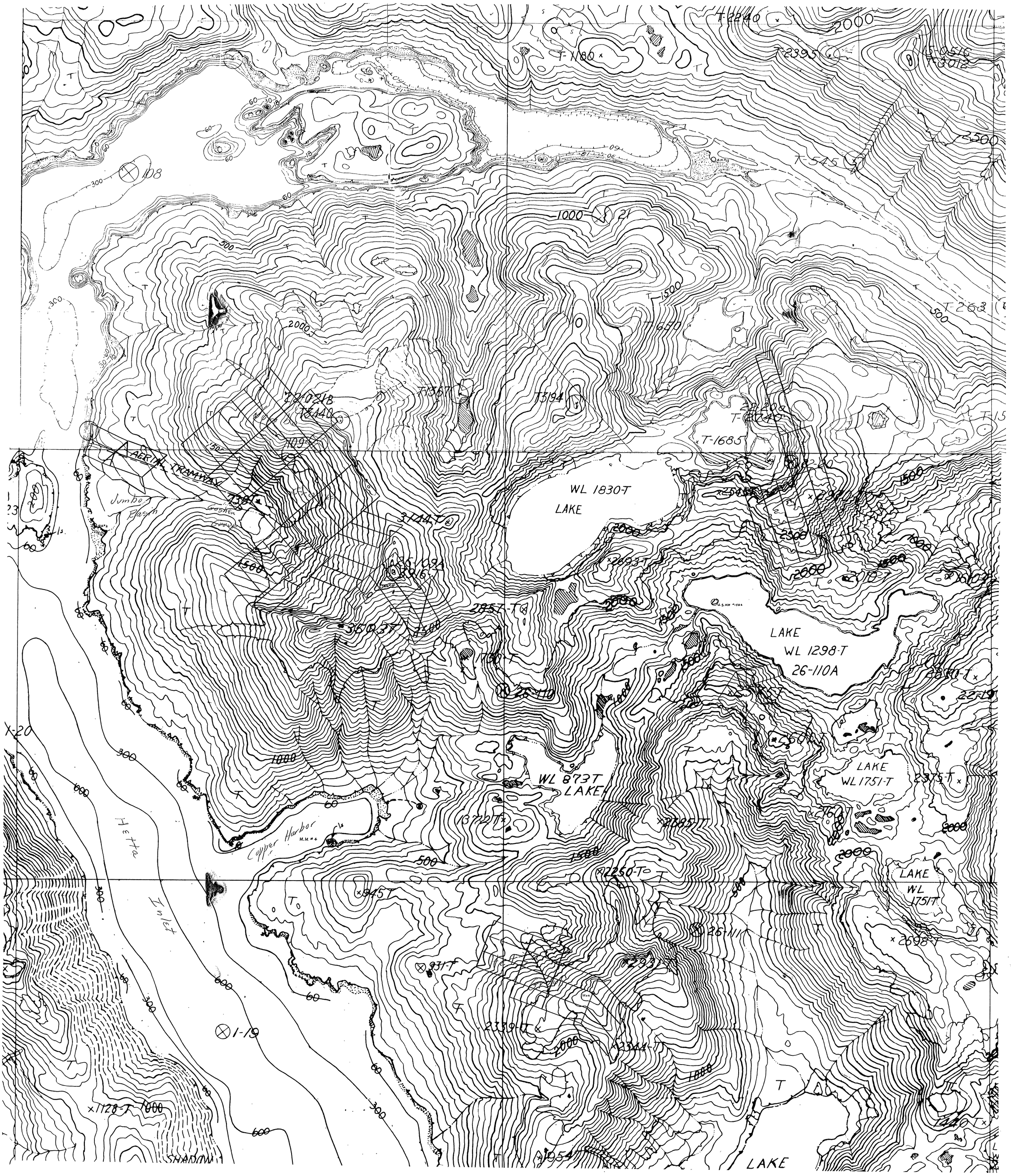


FIG. 3 CLAIM MAP - JUMBO BASIN

2(b)-1 Fig. 3

1" = 1,320'



Jumbo Basin, Prince of Wales Island, Alaska

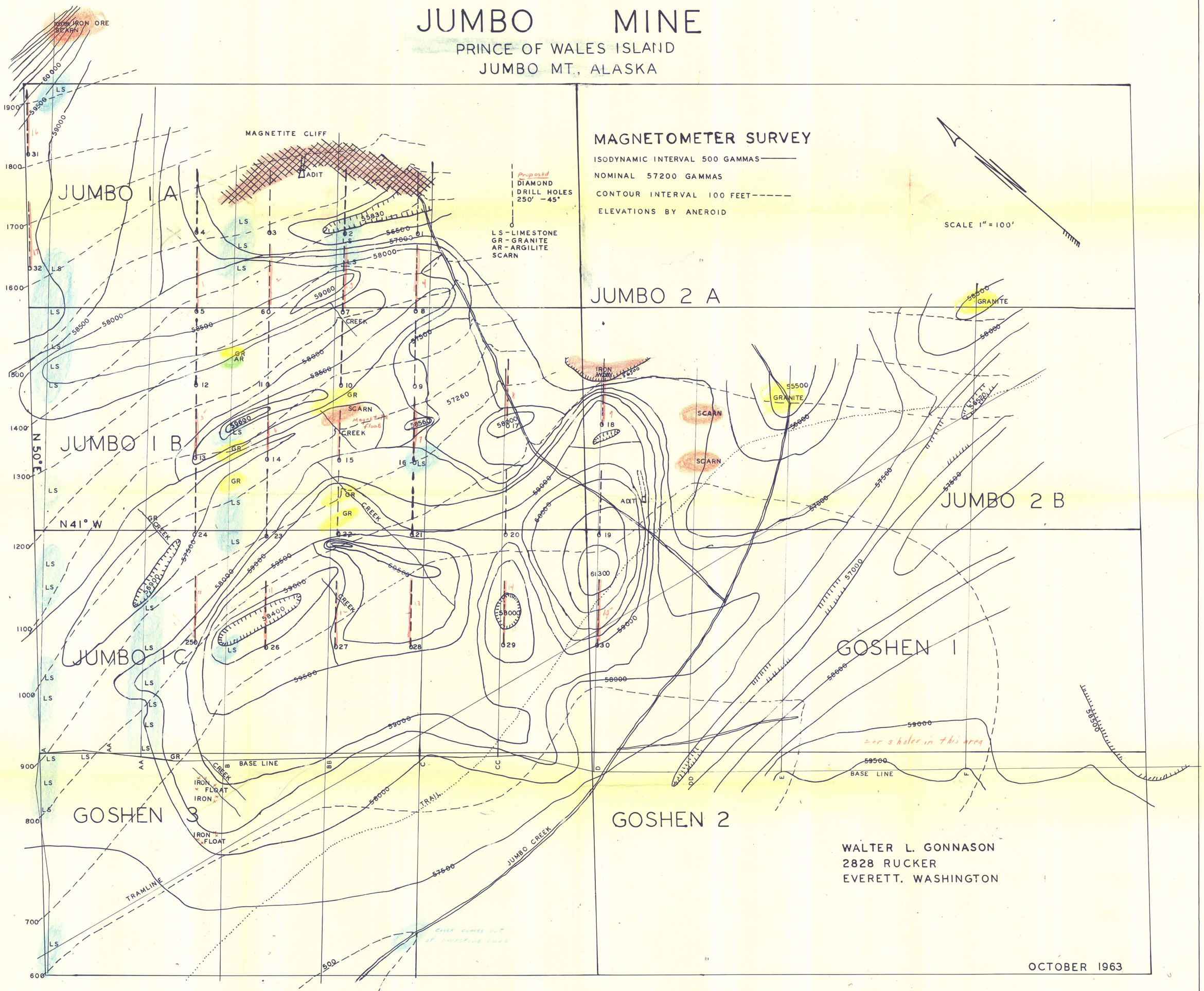
Item 37 -(b)

FIG-1

JUMBO MINE

PRINCE OF WALES ISLAND

JUMBO MT., ALASKA



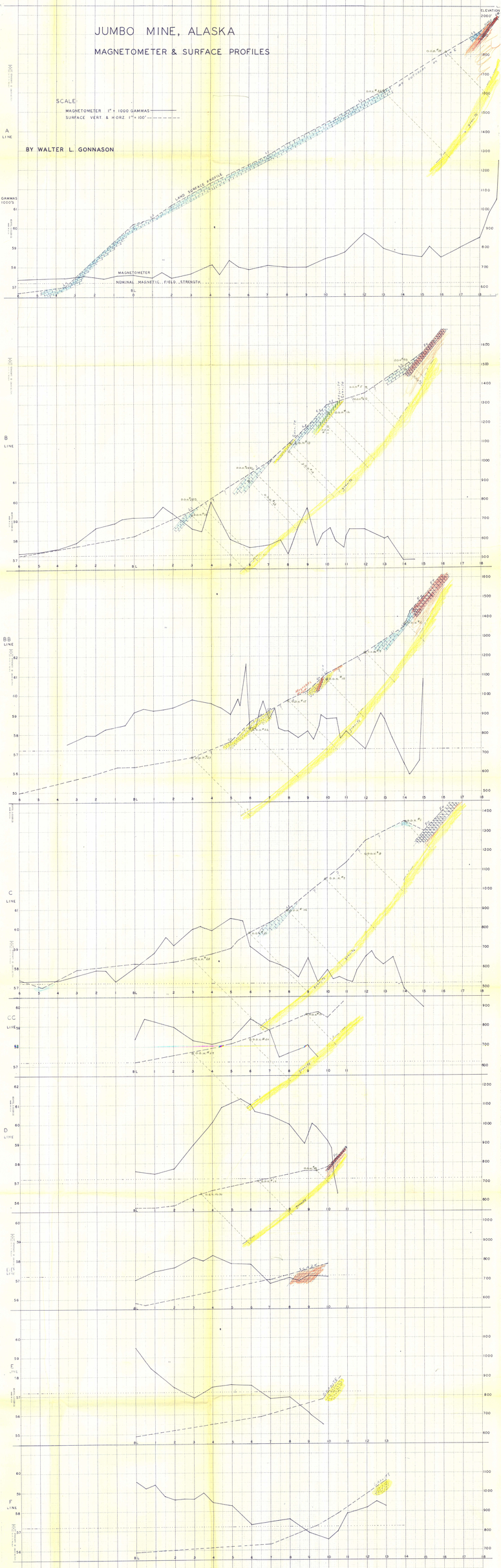
Item 3f-(1)

JUMBO MINE, ALASKA

MAGNETOMETER & SURFACE PROFILES

SCALE

MAGNETOMETER 1" = 1000 GAMMAS

SURFACE VERT. & HORZ. 1" = 100'

BY WALTER L. GONNASON