State of New Jersey
Department of Environmental Protection
Geological Survey

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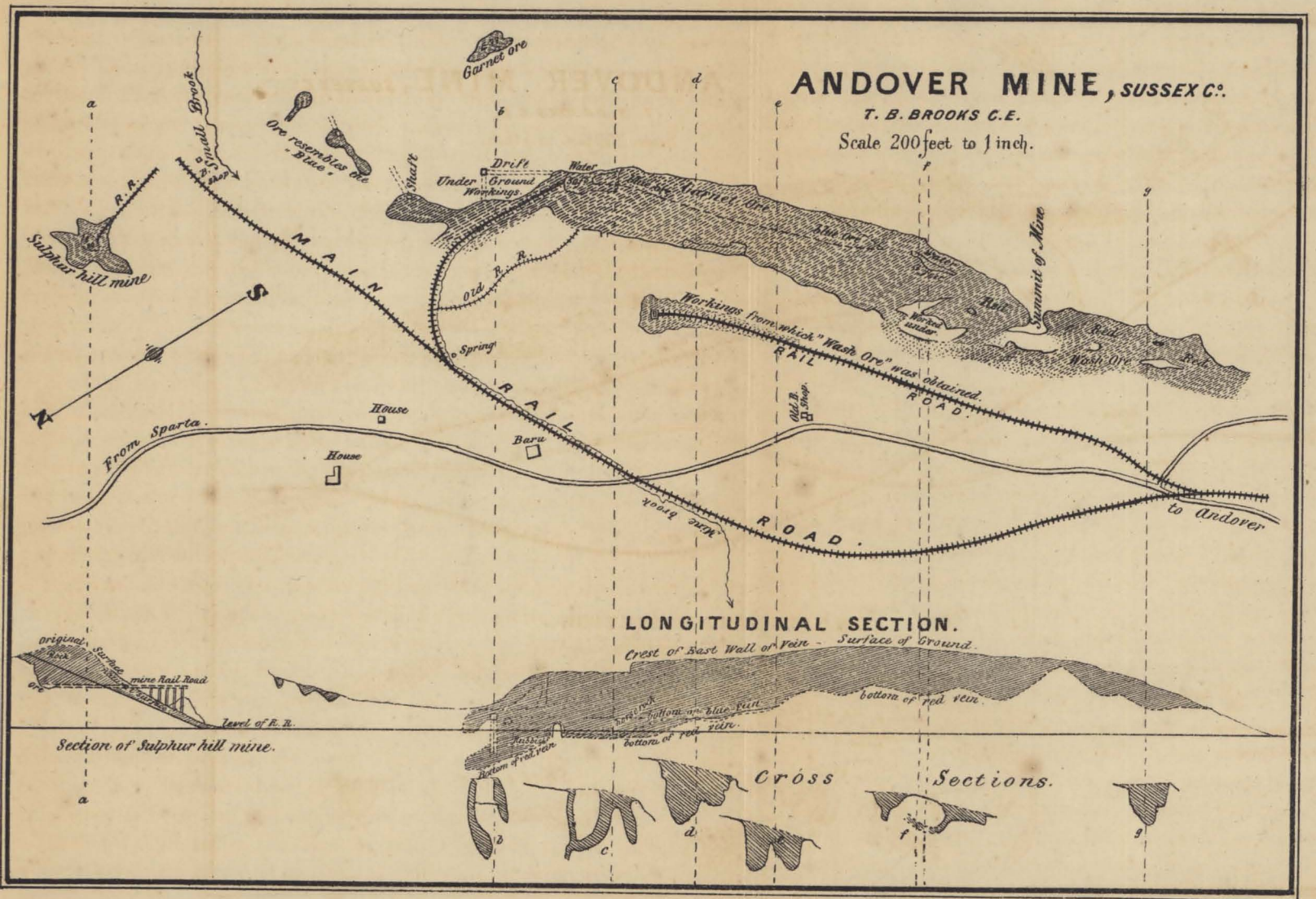
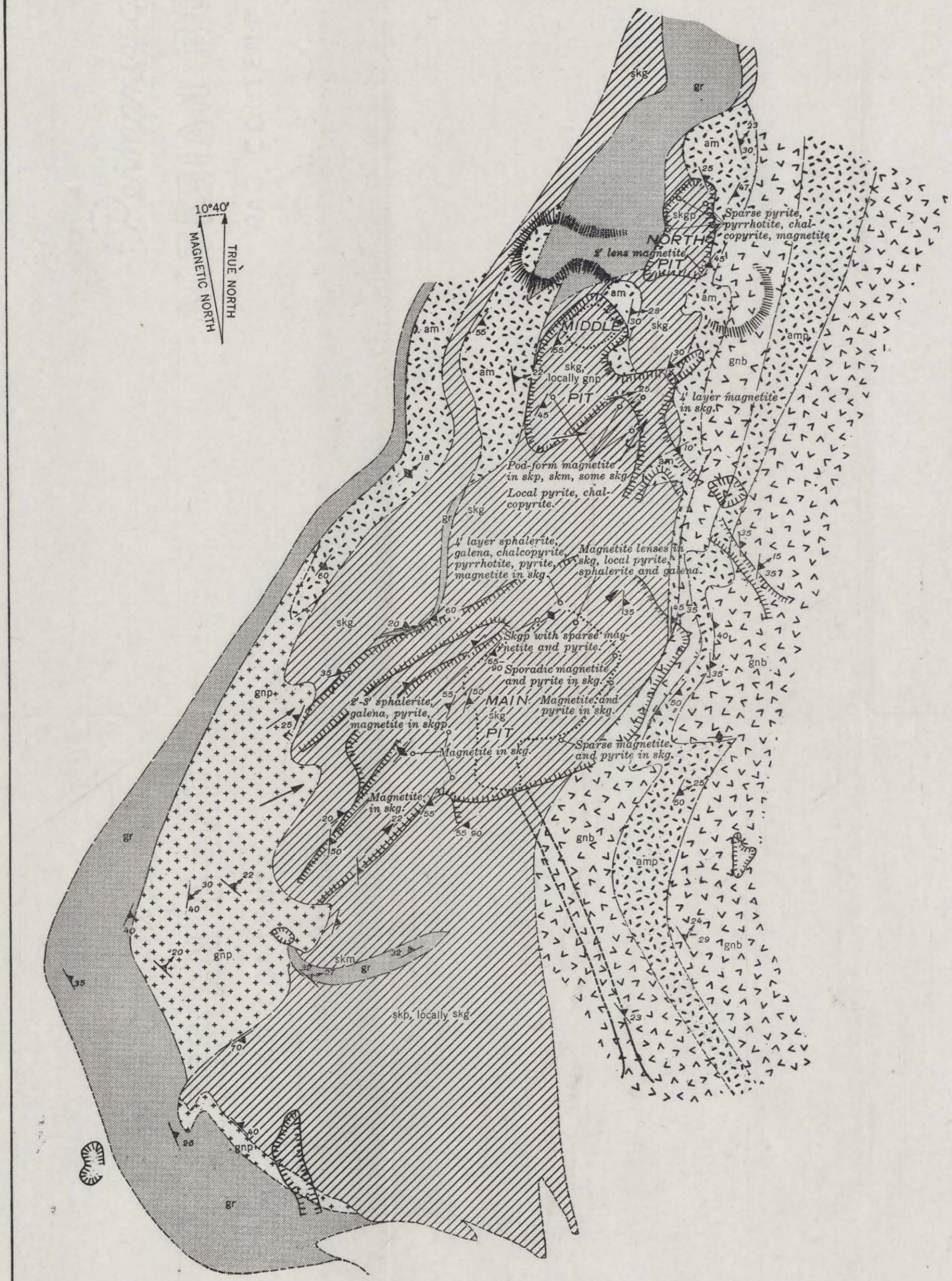


Photolith. by the N.Y. Lith^c Engr^g & Prt^g Co. 16 & 18 Park Place.



EXPLANATION

IGNEOUS ROCKS

gr

Microcline granite gneiss

(Composed principally of microcline and quartz, with variable quantities of sodic plagioclase, biotite, hornblende, pyroxene and sillimanite.)

METASEDIMENTS

skg skp skgp skm

Skarn and related rocks

(Predominantly fine-grained garnet (andradite?) skarn (skg), with local pyroxenic garnet skarn (skgp), pyroxene skarn (skp), silicated marble and marble (skm.)

am

Amphibolite and related rocks

(Predominantly medium-grained amphibolite (am), with some pyroxene amphibolite (amp).

gnp

Pyroxene-feldspar gneiss

(Composed predominantly of sodic plagioclase and diopsidic pyroxene; locally calcareous.)

gnb

Biotite-quartz-feldspar gneiss

(Composed principally of sodic plagioclase and quartz, with variable quantities of biotite. Hornblende and sillimanite are local accessory minerals. Biotite locally is altered to chlorite.)

Contact

(Dashed where approximately located)

Indefinite contact

(Includes gradational and inferred contacts.)

Plunge of minor syncline

Strike and dip of foliation

Strike of vertical foliation

Strike and dip of foliation and plunge of lineation

Bearing and plunge of lineation

Plunge of lineation in vertical foliation

Open cut

(Dots indicate outline of water in workings.)

Underground workings

Portal of adit

Dump

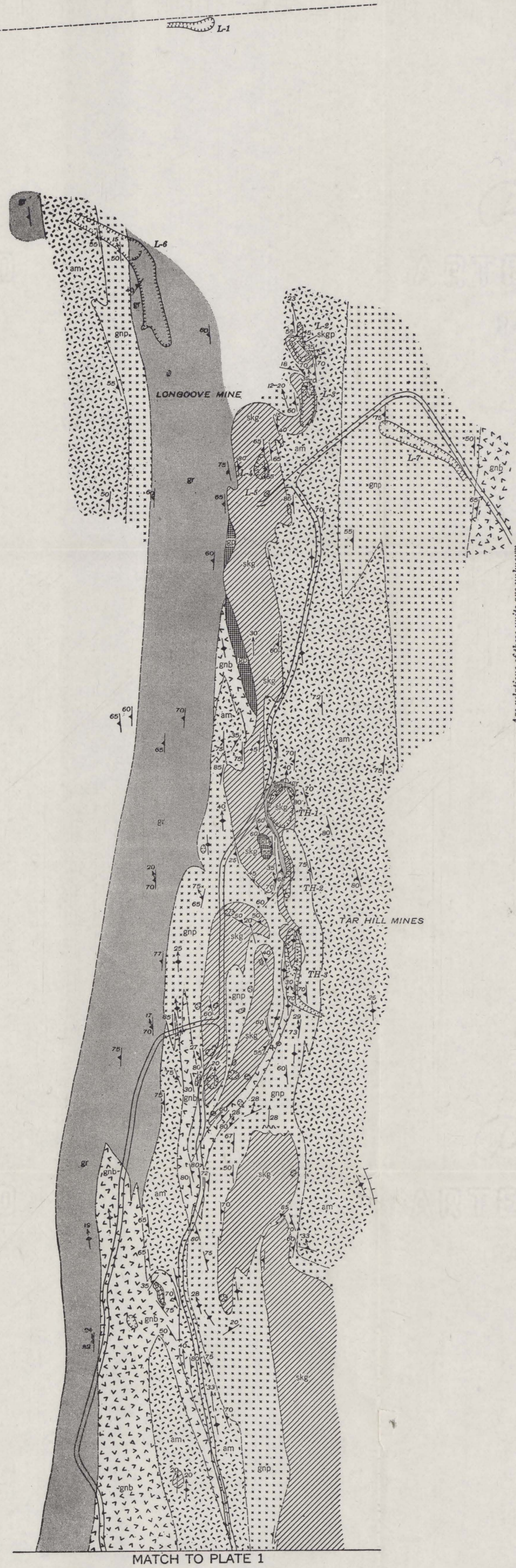
Base map by New Jersey Zinc Co.

Geology by P. K. Sims and B. F. Leonard, U. S. Geological Survey, 1949.

PLATE 4—DETAILED GEOLOGIC MAP OF SULPHUR HILL MINE, SUSSEX COUNTY, NEW JERSEY

50 25 0 50 100 150 200 Feet

Datum is assumed



10°40'
TRUE NORTH
MAGNETIC NORTH

EXPLANATION

IGNEOUS ROCKS

gp

Granite pegmatite

(Coarse-grained and generally undeformed. Composed principally of quartz and feldspar.)

gr

Microcline granite gneiss

(Composed principally of microcline and quartz, with variable quantities of sodic plagioclase, biotite, hornblende, pyroxene and sillimanite.)

PRE-CAMBRIAN

METASEDIMENTS

Age relations of these units are unknown

skg, skgp

Skarn and related rocks

(Predominantly fine-grained garnet (andradite?) skarn (skg), with local pyroxenic garnet skarn (skgp).

am

Amphibolite and related rocks

(Predominantly medium-grained amphibolite (am)

gnp

Pyroxene-feldspar gneiss

(Composed predominantly of sodic plagioclase and diopsidic pyroxene; locally calcareous.)

gnb

Biotite-quartz-feldspar gneiss

(Composed principally of sodic plagioclase and quartz, with variable quantities of biotite. Hornblende and sillimanite are local accessory materials. Biotite locally is altered to chlorite.)

PRE-CAMBRIAN

Contact

(Dashed where approximately located.)

Indefinite contact

(Includes gradational and inferred contacts.)

Plunge of minor syncline

Generalized strike and plunge of crumpled, crenulated, or undulating foliation

Strike and dip of foliation

Strike of vertical foliation

Strike and dip of foliation and plunge of lineation

Bearing and plunge of lineation

Plunge of lineation in vertical foliation

L-1 TH-1

Open cut

L-1, pit at Longcove mine;
TH-1, pit at Tar Hill mine.
(Dots indicate outline of water in workings.

Cliff

Secondary road

Center line of power line right-of-way

Base map by New Jersey Zinc Co.
with additions by P. K. Sims

Geology by P. K. Sims and B. F. Leonard,
U. S. Geological Survey-1949

PLATE 2.–GEOLOGIC MAP OF THE TAR HILL AND LONGCORE MINES, SUSSEX COUNTY, NEW JERSEY

100 50 0 100 200 300 400 Feet

Datum is assumed

REFERENCE DRAWINGS ABOVE

PRINTS ISSUED		DATE ISSUED	

THE NEW JERSEY ZINC CO.
FRANKLIN, N. J.

REVISIONS

DATE: Oct. 1941 SCALE: 1" = 300'

ANDOVER MINE GEOLOGICAL
LENAPE CORPORATION PROPERTY
ANDOVER, SUSSEX CO., NEW JERSEY

DRAWN JLB + AWP	69-X-387-A
TRACED AWP	
GEOL. AWP, JLB, RGB.	
APPROVED	CHARGE ENGINEER

AB 6867 1C 9-37

C. B. Co., No. 379 Imperial—9-37

69-X-387

REVISIONS:

REFERENCE DRAWINGS ABOVE

SERIAL NUMBER | DATE ISSUED

THE NEW JERSEY ZINC COMPANY
FRANKLIN, N. J.

REVISIONS

DATE: OCT. 1941 | SCALE: 1" = 100'

ANDOVER MINE GEOLOGICAL
LENAPE CORPORATION PROPERTY
ANDOVER, SUSSEX CO, NEW JERSEY

DRAWN JLB + AWP

TRACED JLB + AWP

GEOL. AWP, J.L.B, R.G.B.

P.T. GLB, J.L.B, L.E.K

APPROVED

69-X-386-A

CHARGE

ENGINEER

AB 4867 (REV. 4-38) 2C 5-41

386

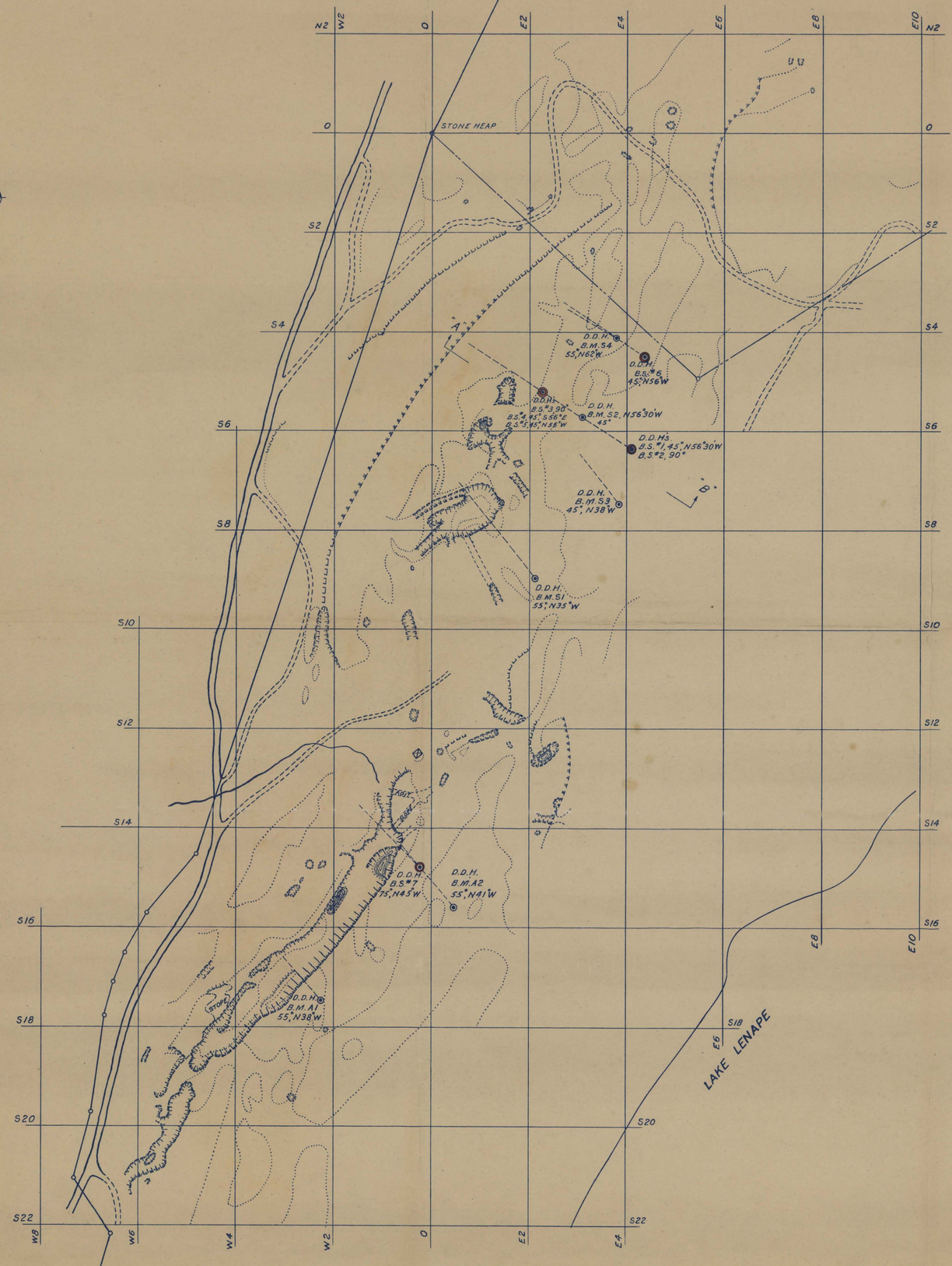
3

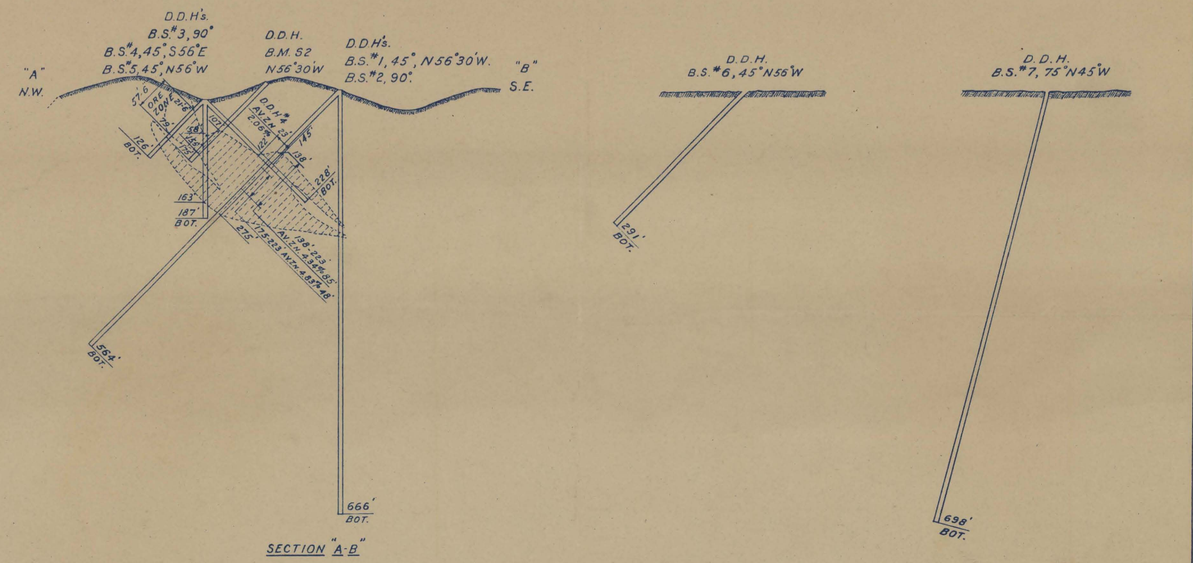
Copy of this map given to Mr Hewitt by RB Paul - 11-4-41
Also a copy of 69-X-387 1" = 300'
Copies also sent to Mr Paul the following day - without title blocked out - AWP

OCT. 1941. 1" = 100'

ANDOVER MINE WORKINGS
LENAPE CORPORATION PROPERTY
ANDOVER, SUSSEX CO. NEW JERSEY


LONGITUDINAL SECTION
SULPHUR HILL MINE
N
PROSPECTING LIMITED TO AREA NW OF LINE
FAULT ALONG WALL
DUMP
POND
STOPE
APPARENT PITCH
SULPHUR HILL ORE BODY
LONGITUDINAL SECTION
ANDOVER MINE
SECT. 80
SECT. 320
SECT. 460
SECT. 570
SECT. 780
SECT. 953
SECT. 1200
SECT. 1300
SECT. 1500
SECT. 1520
SECT. 1560
SECT. 1600
SECT. 1640
SECT. 1680
SECT. 1730
SECT. 1795
DATE: Nov. 1941
SCALE: 1"=100'
ANDOVER-SULPHUR HILL MINES
GEOLOGICAL
ANDOVER, SUSSEX CO. NEW JERSEY
DR: AWP
TR: AWP
69-X-389





SECTION "A-B"

ANDOVER AND SULPHUR HILL

PLAN AND DRILL SECTIONS

SUSSEX CO., N.J.

DRILLED BY N.M.GIBSON, 1944

FOR DETAILED DRILL SECTIONS SEE MAP 552A

SCALE 1"=100'

0 50 100 200

NOTE:-

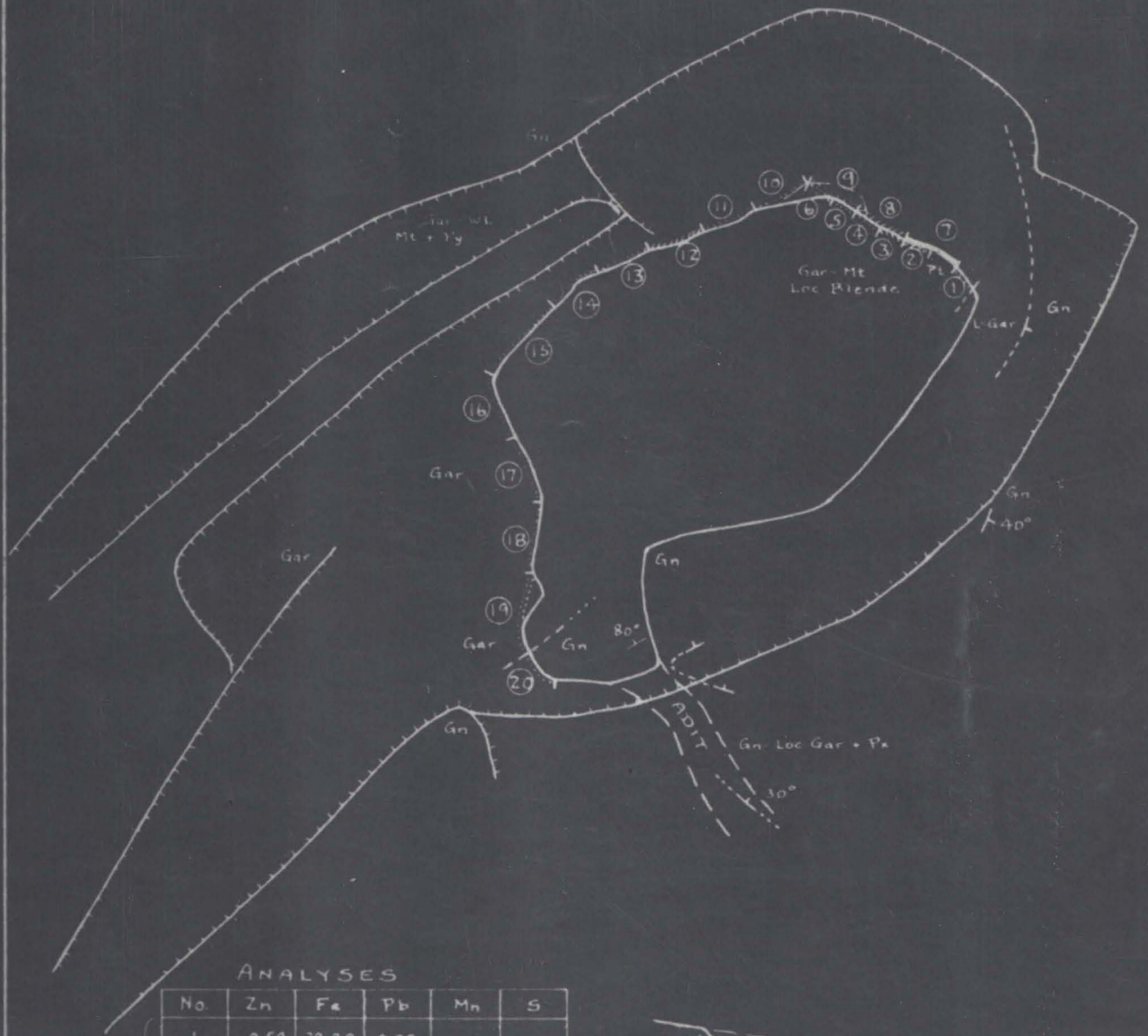
◎ B.S.#1 ETC. INDICATES HOLES DRILLED BY THE B.S.CO. (7 HOLES)

◉ B.M.S1 ETC. INDICATES HOLES DRILLED BY U.S. BUREAU OF MINES. (6 HOLES)

LINES SHOWN THUS ⌒⌒ INDICATE OUTCROP AREAS.

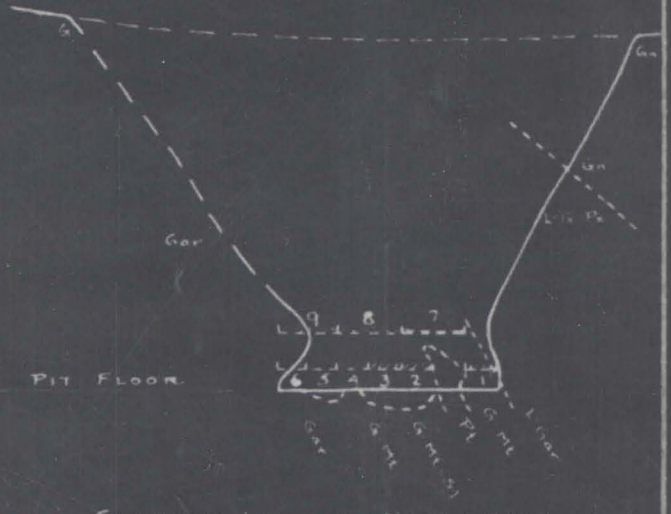
GEOLOGICAL DEP'T. B.S.CO. (552)

F. IVEY 9-14-44



ANALYSES

No.	Zn	Fe	Pb	Mn	S
1	0.59	28.20	0.00		
2	4.26	35.40	0.08		
3	4.85	28.98	0.16	1.05	5.08
4	0.45	41.10	0.10		
5	0.56	32.16	0.06		
6	2.22	14.10	0.38		
7	8.01	22.92	0.00		
8	2.58	33.78	0.88	1.10	2.44
9	2.66	18.60	0.18		
10	1.72	11.70	0.06		
11	1.84	17.22	0.00		
12	4.07	17.34	0.09	0.69	1.65
13	2.73	19.56	0.33		
14	2.79	15.06	0.53		
15	0.85	22.92	0.72		
16	0.59	21.54	0.26		
17	0.15	22.32	0.04		
18	0.27	11.70	0.00		
19	0.25	10.86	0.00		
20	0.15	3.60	0.04		



SECTION LOOKING NORTH-EAST

DATE Oct 1941 | SCALE 1" = 30'

SULFUR HILL MINE

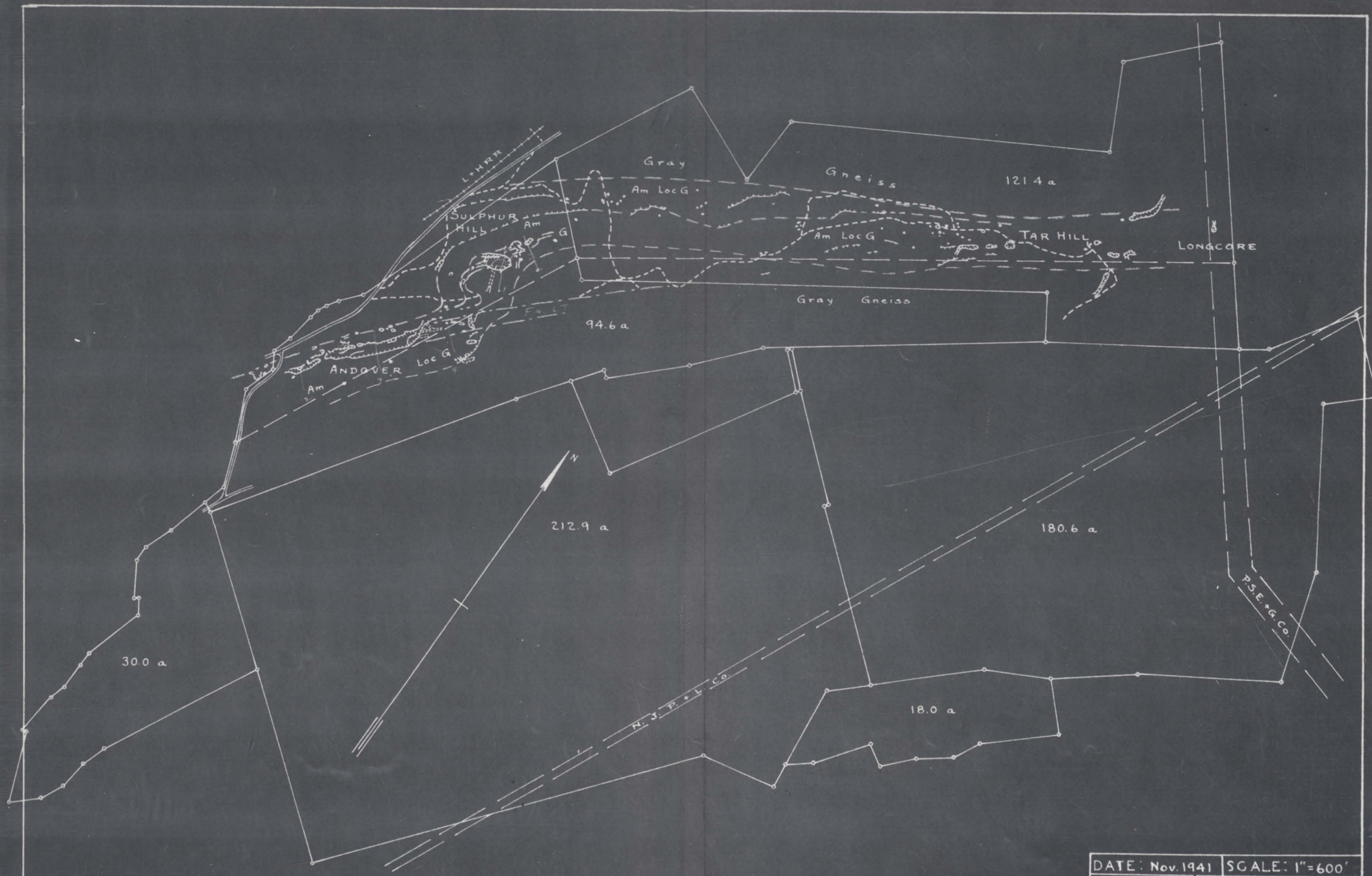
SAMPLE MAP

ANDOVER, SUSSEX CO., NEW JERSEY.

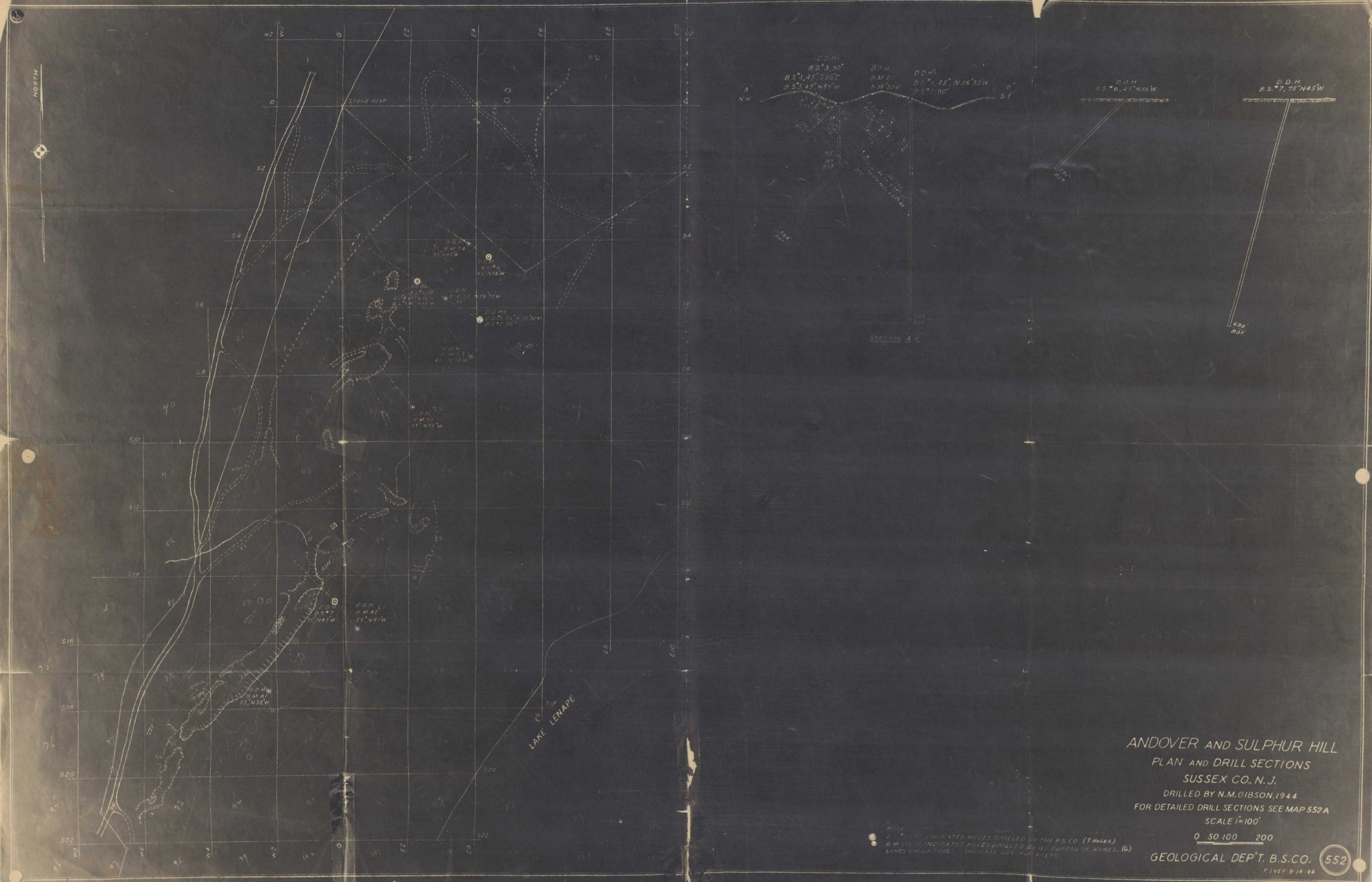
THE NEW JERSEY ZINC CO.

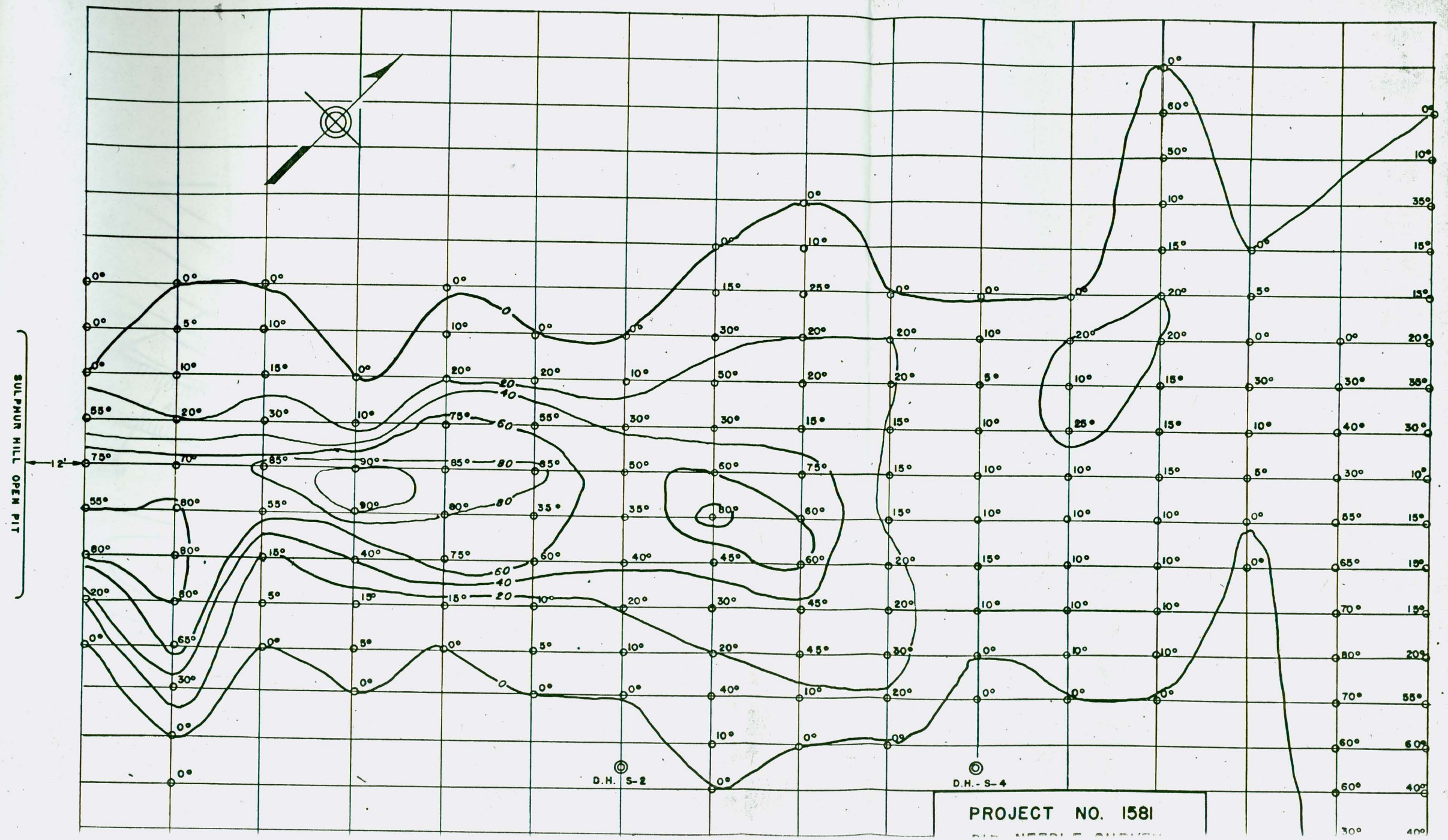
DR A.W.P.
TR A.W.P.

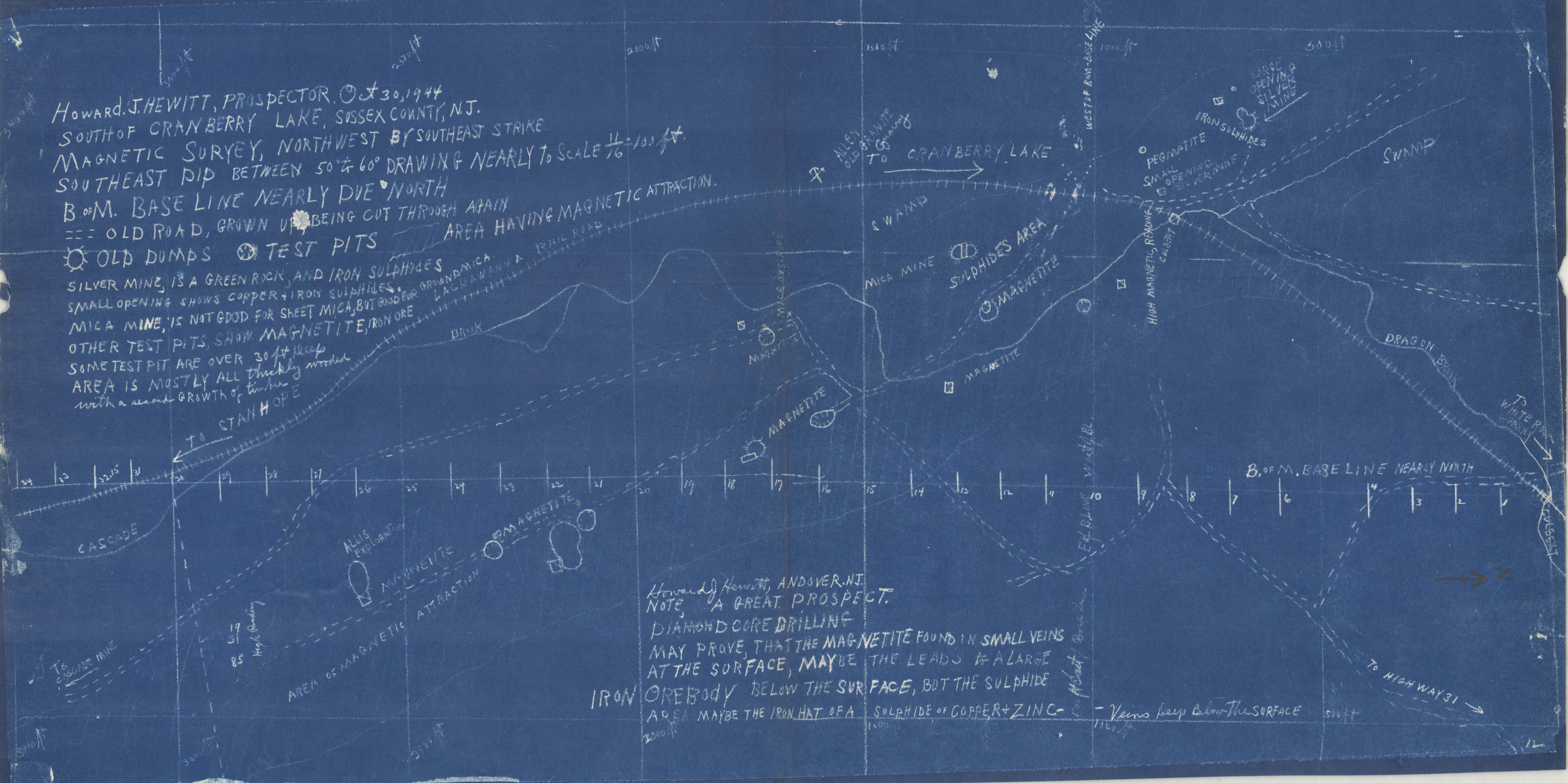
69-X-389

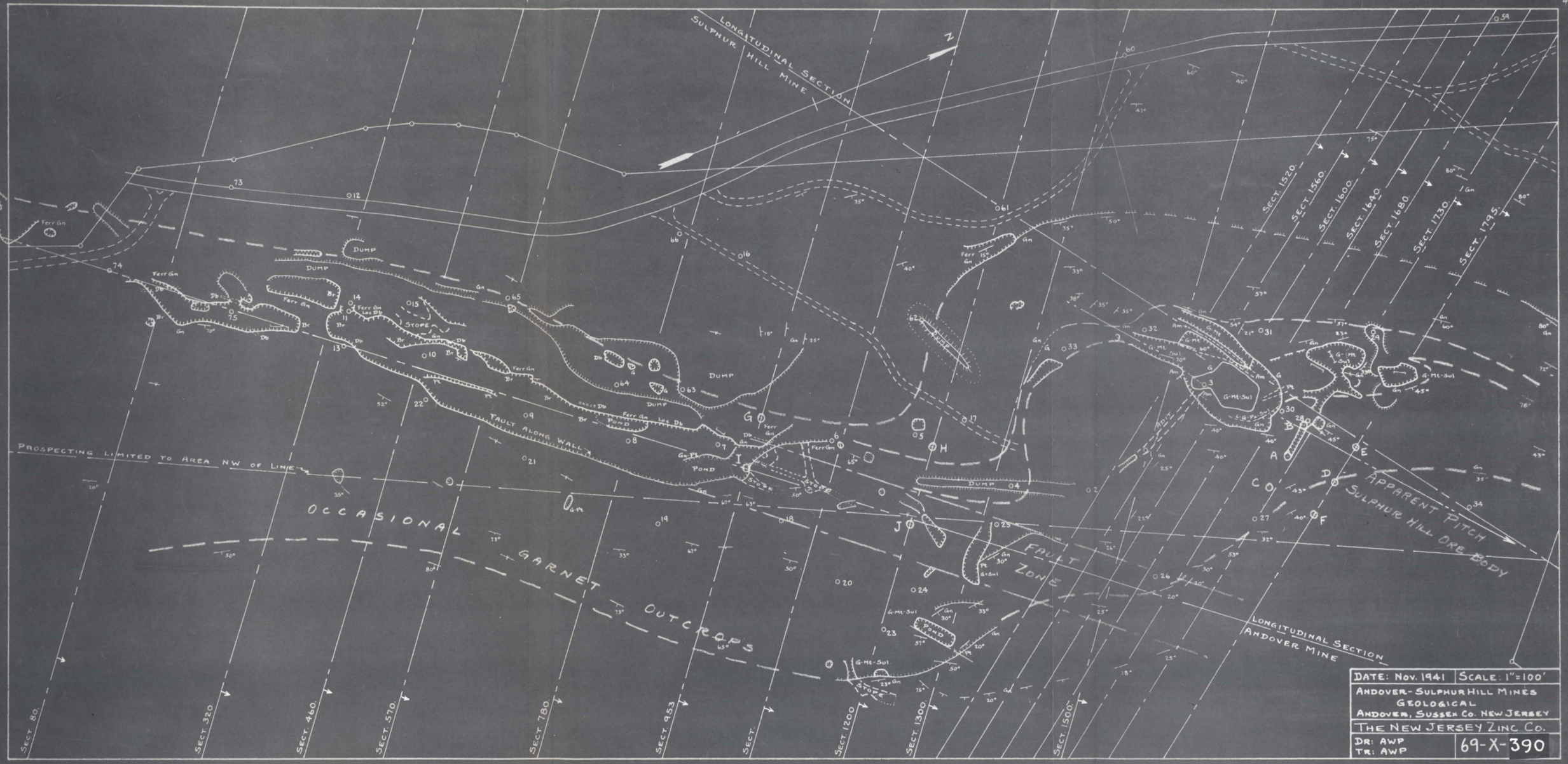


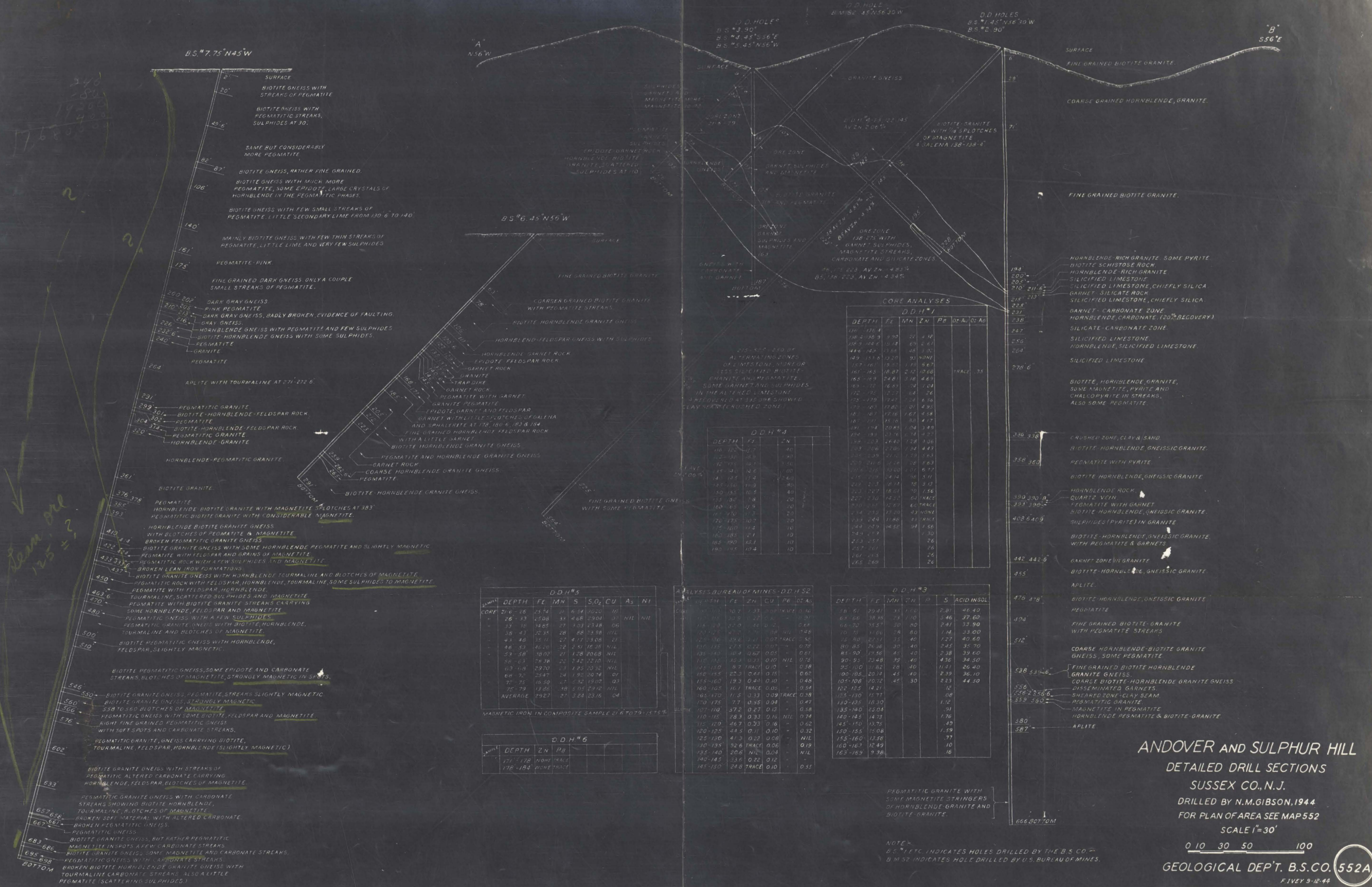
DATE: Nov. 1941	SCALE: 1"=600'
ANDOVER MINE GEOLOGICAL LENAPE CORPORATION ANDOVER, SUSSEX CO., NEW JERSEY	
THE NEW JERSEY ZINC CO.	
DR: A.W.P. TR: A.W.P.	69-X-387-B


NORTH
STONE HEAP
LAKE LENAPE
ANDOVER AND SULPHUR HILL
PLAN AND DRILL SECTIONS
SUSSEX CO., N.J.
DRILLED BY N.M.GIBSON, 1944
FOR DETAILED DRILL SECTIONS SEE MAP 552A
SCALE 1"=100'
0 50 100 200
GEOLOGICAL DEP'T. B.S.CO.
552
F. IVEY 9-14-44


SULPHUR HILL OPEN PIT
D.H. S-2
D.H. - S-4
PROJECT NO. 1581


Howard J. HEWITT, PROSPECTOR Oct 30, 1944
SOUTH OF CRANBERRY LAKE, SUSSEX COUNTY, N.J.
MAGNETIC SURVEY, NORTHWEST BY SOUTHEAST STRIKE
SOUTHEAST DIP BETWEEN 50° to 60° DRAWING NEARLY TO SCALE 11/16 = 100 ft.
B of M. BASE LINE NEARLY DUE NORTH
OLD ROAD, GROWN UP, BEING CUT THROUGH AGAIN
AREA HAVING MAGNETIC ATTRACTION.
OLD DUMPS
TEST PITS
SILVER MINE, IS A GREEN ROCK, AND IRON SULPHIDES
SMALL OPENING SHOWS COPPER + IRON SULPHIDES.
MICA MINE, IS NOT GOOD FOR SHEET MICA, BUT GOOD FOR GROUND MICA
OTHER TEST PITS, SHOW MAGNETITE, IRON ORE
SOME TEST PIT ARE OVER 30 ft deep
AREA IS MOSTLY ALL thickly wooded with a second growth of timber
TO STANHOPE
TO CRANBERRY LAKE
LACKAWANNA RAIL ROAD
BROOK
SWAMP
MICA MINE
SULPHIDES AREA
MAGNETITE
PEGMATITE
SMALL OPENING SILVER MINE
IRON SULPHIDES
LARGE OPENING SILVER MINE
HIGH MAGNETIC READING
DRAGON BROOK
TO WHITE ROCK QUARRY
B. of M. BASE LINE NEARLY NORTH
CASCADE
ALLIS EXPLORATION
AREA OF MAGNETIC ATTRACTION
TO CASCADE MINE
Howard J. Hewitt, ANDOVER. N.J.
NOTE, A GREAT PROSPECT.
DIAMOND CORE DRILLING
MAY PROVE, THAT THE MAGNETITE FOUND IN SMALL VEINS
AT THE SURFACE, MAYBE THE LEADS to A LARGE
IRON OREBODY BELOW THE SURFACE, BUT THE SULPHIDE
AREA MAYBE THE IRON HAT OF A SULPHIDE of COPPER + ZINC - Veins deep Below The SURFACE
TO HIGHWAY 31
2000 ft
1500 ft
1000 ft
500 ft


LONGITUDINAL SECTION
SULPHUR HILL MINE
N
DUMP
STOPE
POND
FAULT ALONG WALL
PROSPECTING LIMITED TO AREA NW OF LINE
OCCASIONAL GARNET OUTCROPS
FAULT ZONE
APPARENT PITCH
SULPHUR HILL ORE BODY
LONGITUDINAL SECTION
ANDOVER MINE
SECT. 80
SECT. 320
SECT. 460
SECT. 570
SECT. 780
SECT. 953
SECT. 1200
SECT. 1300
SECT. 1500
SECT. 1520
SECT. 1560
SECT. 1600
SECT. 1640
SECT. 1680
SECT. 1730
SECT. 1795
DATE: Nov. 1941
SCALE: 1"=100'
ANDOVER-SULPHUR HILL MINES
GEOLOGICAL
ANDOVER, SUSSEX CO. NEW JERSEY
THE NEW JERSEY ZINC CO.
DR: AWP
TR: AWP
69-X-390



CORE ANALYSES

D.D.H.#1

DEPTH	FE	MN	ZN	PB	OZ-AU	OZ-AG
136'-138'-4"						
138'-4"-138'-9"	9.90	.22	4.38			
138'-9"-144'-6"	19.14	.69	2.61			
144'-6"-149	13.66	.48	3.02			
149-153'-6"	13.20	.93	NONE			
157-161	19.51	1.19	6.67			
161-165	18.87	2.12	10.66		TRACE	.35
165-169	24.81	3.18	4.69			
169-172	16.89	.74	1.04			
172-175	12.27	.64	.26			
175-179	17.42	1.24	6.56			
179-183	17.82	1.01	4.95			
183-187	17.16	1.67	4.58			
187-191	15.18	.88	4.17			
191-194	20.85	1.04	3.49			
194-199	23.76	1.74	4.27			
199-203	26.40	1.28	3.06			
203-206	27.05	1.34	4.43			
206-209	[illegible]	1.79	5.63			
209-211'-6"	[illegible]	1.08	5.63			
211'-6"-215	13.00	1.01	6.77			
215-219	24.14	.98	5.11			
219-223	18.74	.78	3.13			
223-227	18.61	.70	1.56			
227-230	14.32	.64	TRACE			
230-234	12.67	.60	TRACE			
234-239	13.20	.43	NONE			
239-244	11.88	.43	TRACE			
244-249	14.52	.94	1.56			
249-253			1.30			
253-257			.26			
257-261			.26			
261-265			.26			
265-269			.26			

D.D.H.#4

DEPTH	FE		ZN		
116-122	11.7		.40		
122-132	18.9		1.90		
132-135	16.1		3.50		
135-140	14.6		1.00		
140-145	15.4		2.60		
145-150	11.9		.80		
150-155	10.5		.40		
155-160	7.8		.20		
160-165	11.9		.20		
165-170	11.3		.20		
170-175	10.7		.20		
175-180	11.4		.10		
180-185	2.1		.10		
185-190	13.1		.10		
190-195	10.4		.10		

D.D.H.#5

SAMPLE	DEPTH	FE	MN	S	S_iO_2	CU	A_s	NI
CORE	21'-6"-26	25.74	.31	6.54	30.20	.10		
"	26-33	25.08	.33	4.68	29.04	.07	NIL	NIL
"	33-38	34.85	.27	3.03	23.48	.06		
"	38-43	32.35	.28	.88	23.98	NIL		
"	43-46	35.11	.27	4.17	23.08	.21		
"	46-53	46.20	.22	2.51	16.35	NIL		
"	53-58	38.02	.21	1.28	20.68	NIL		
"	58-63	28.38	.22	2.42	22.10	NIL		
"	63-68	29.70	.23	1.25	20.32	NIL		
"	68-72	25.47	.24	1.92	20.74	.01		
"	72-75	16.50	.27	5.32	19.02	.03		
"	75-79	13.86	.38	5.05	29.12	NIL		
	AVERAGE	29.27	.27	3.24	23.16	.04		

MAGNETIC IRON IN COMPOSITE SAMPLE 21'6" TO 79 = 15.75%

D.D.H.#6

SAMPLE	DEPTH	ZN	PB					
"	171'-178'	NONE	TRACE					
	178'-184'	NONE	TRACE					

ANALYSES BUREAU OF MINES - D.D.H S2

SAMPLE	DEPTH	FE	ZN	CU	PB	OZ-AG
CORE	[illegible]	30.7	2.33	0.08	TRACE	0.16
	[illegible]	30.9	0.27	0.10	"	0.91
	[illegible]	32.0	.44	0.12		0.68
	120-125	[illegible]	[illegible]	.08	NIL	0.48
	125-130	39.6	1.11	0.07	TRACE	0.56
	130-135	27.5	0.22	0.07	"	0.78
	135-140	10.4	0.67	0.05	"	0.67
	140-145	35.3	0.33	0.10	NIL	0.75
	145-150	6.7	TRACE	0.10	"	0.58
	150-155	22.3	0.44	0.15	"	0.62
	155-160	19.3	0.44	0.10	"	0.48
	160-165	16.1	TRACE	0.05	"	0.54
	165-170	11.5	0.33	0.09	TRACE	0.38
	170-175	7.7	0.55	0.04	"	0.47
SLUDGE	107-110	37.2	0.27	0.13	"	0.58
	110-115	28.3	0.33	0.16	NIL	0.74
	115-120	46.7	0.33	0.16	"	0.62
	120-125	44.5	0.11	0.10	"	0.32
	125-130	41.3	0.22	0.08	"	NIL
	130-135	32.6	TRACE	0.06	"	0.19
	135-140	20.6	NIL	0.04	"	NIL
	140-145	33.6	0.22	0.12	"	"
	145-150	24.8	TRACE	0.10	"	0.55

D.D.H.#3

DEPTH	FE	MN	ZN	P	S	ACID INSOL.
58-61	29.41	.35	1.00		2.81	46.40
63-66	38.38	.23	1.10		3.46	37.60
66-70	35.57	.30	.80		2.41	33.90
70-75	37.06	.28	.80		1.14	33.00
75-80	22.31	.35	.40		1.27	40.60
80-85	26.36	.30	.40		2.45	35.70
85-90	19.56	.45	.40		2.38	39.60
90-95	23.48	.39	.40		4.36	34.50
95-100	31.82	.28	.40		11.41	26.40
100-105	20.14	.45	.40		2.39	36.10
105-108	20.72	.45	.30		2.23	44.50
122-125	14.21				.12	
125-130	13.77				.08	
130-135	18.30				1.12	
135-140	25.04				.91	
140-145	14.73				1.76	
145-150	13.75				.49	
150-155	15.08				1.59	
155-160	13.58				.77	
160-163	12.49				.10	
163-169	9.38				.16	

NOTE:-
B.S.#1 ETC. INDICATES HOLES DRILLED BY THE B.S. CO.—
B.M. S2 INDICATES HOLE DRILLED BY U.S. BUREAU OF MINES.

ANDOVER AND SULPHUR HILL

DETAILED DRILL SECTIONS

SUSSEX CO., N.J.

DRILLED BY N.M. GIBSON, 1944

FOR PLAN OF AREA SEE MAP 552

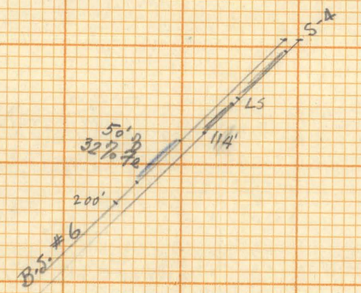
SCALE 1" = 30'

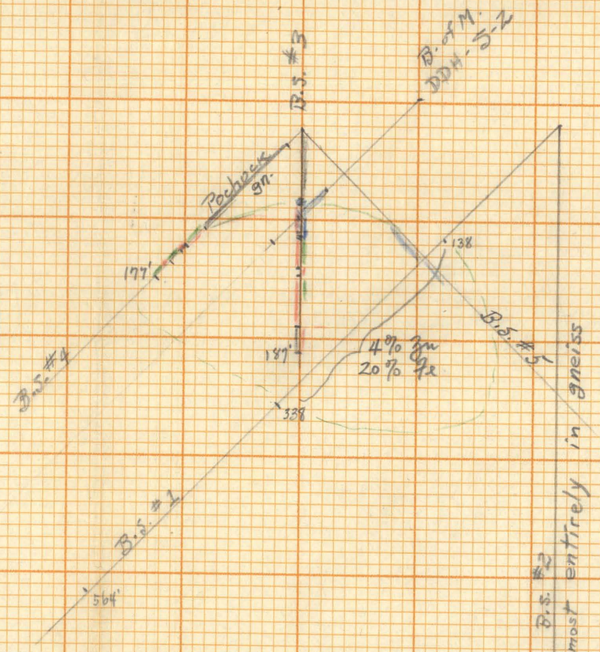
0 10 30 50 100

GEOLOGICAL DEP'T. B.S.CO. 552A

F. IVEY 9-12-44

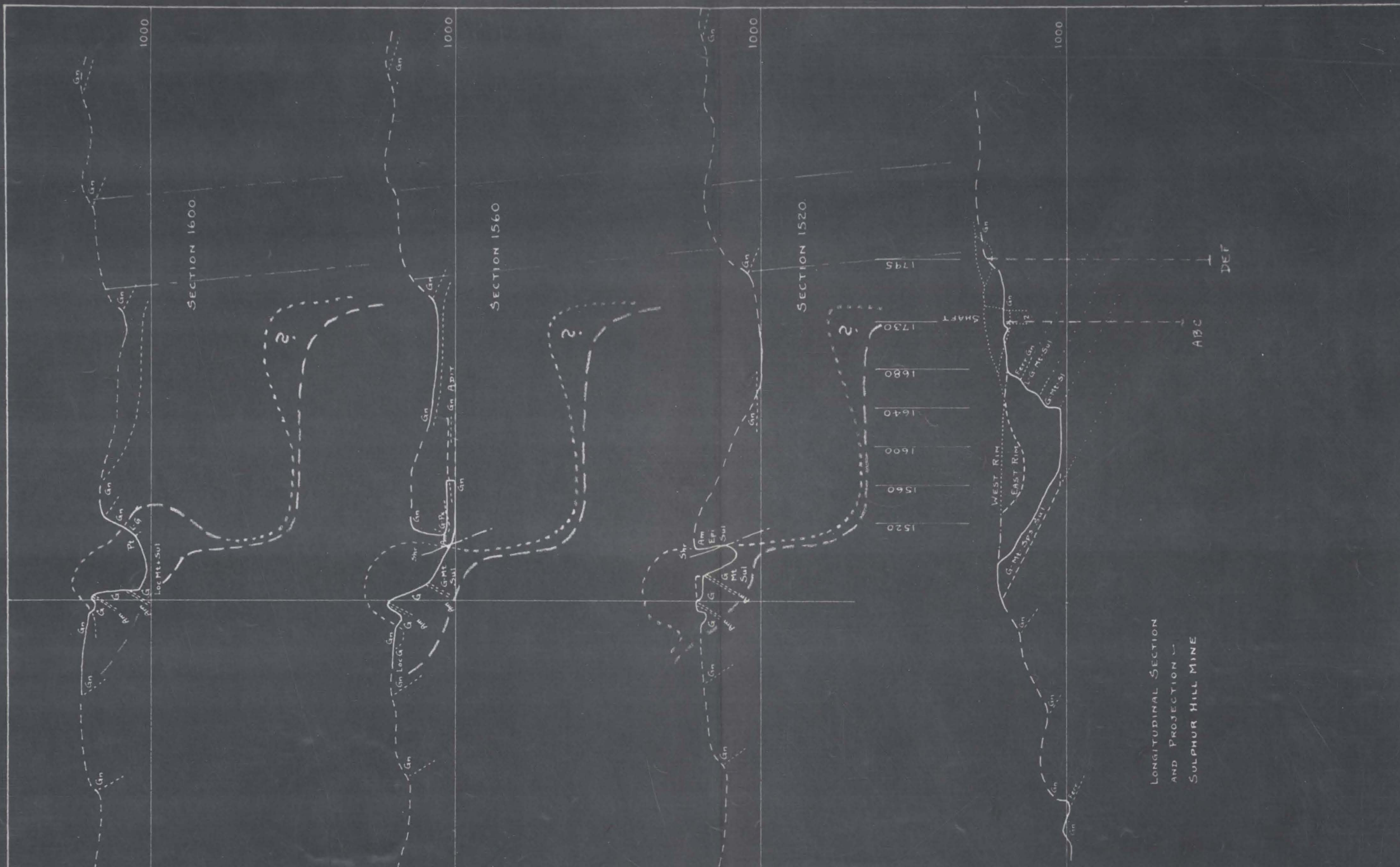
Section through DDH 5-4 & B.S. #6





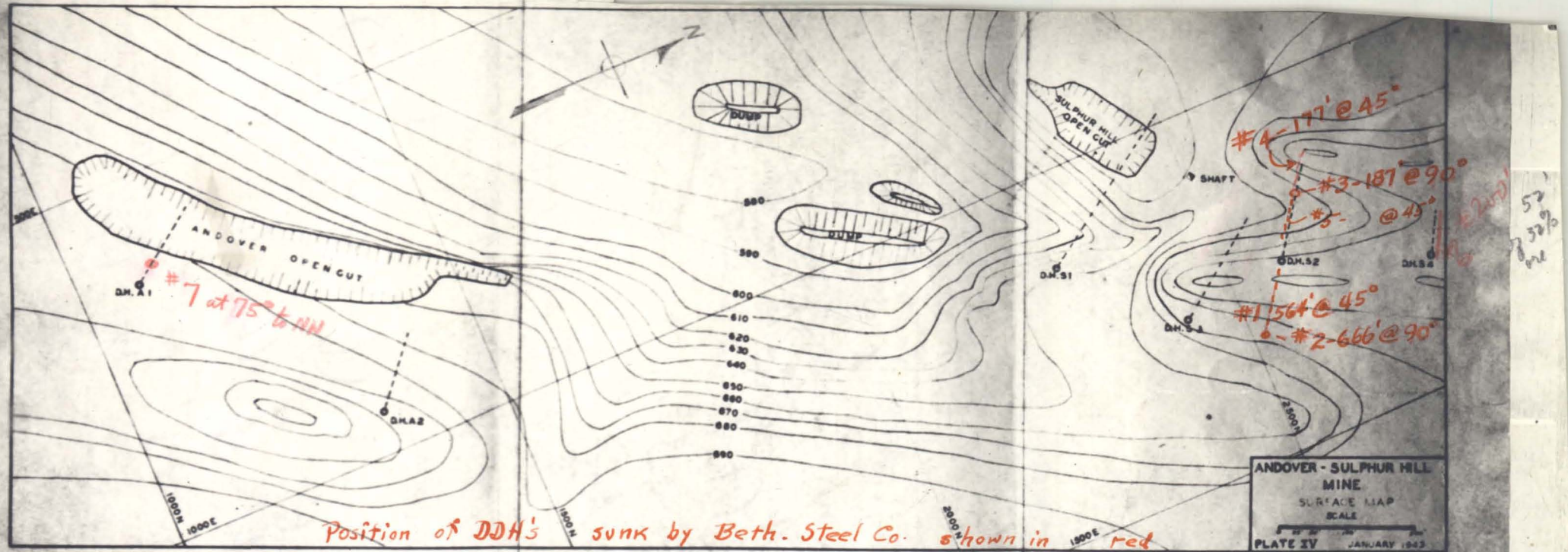
ORE IN BLUE

Elev. 700



Sections Look NE

DATE Nov. 1941	SCALE 1" = 100'
Andover Mine Geological Sections thru Sulphur Hill Andover, Sussex Co., New Jersey	
The New Jersey Zinc Co.	
DR. A.W.P. TR. A.W.P.	69-X-388



#7 at 75° to HW

Position of DDH's sunk by Beth. Steel Co. shown in red

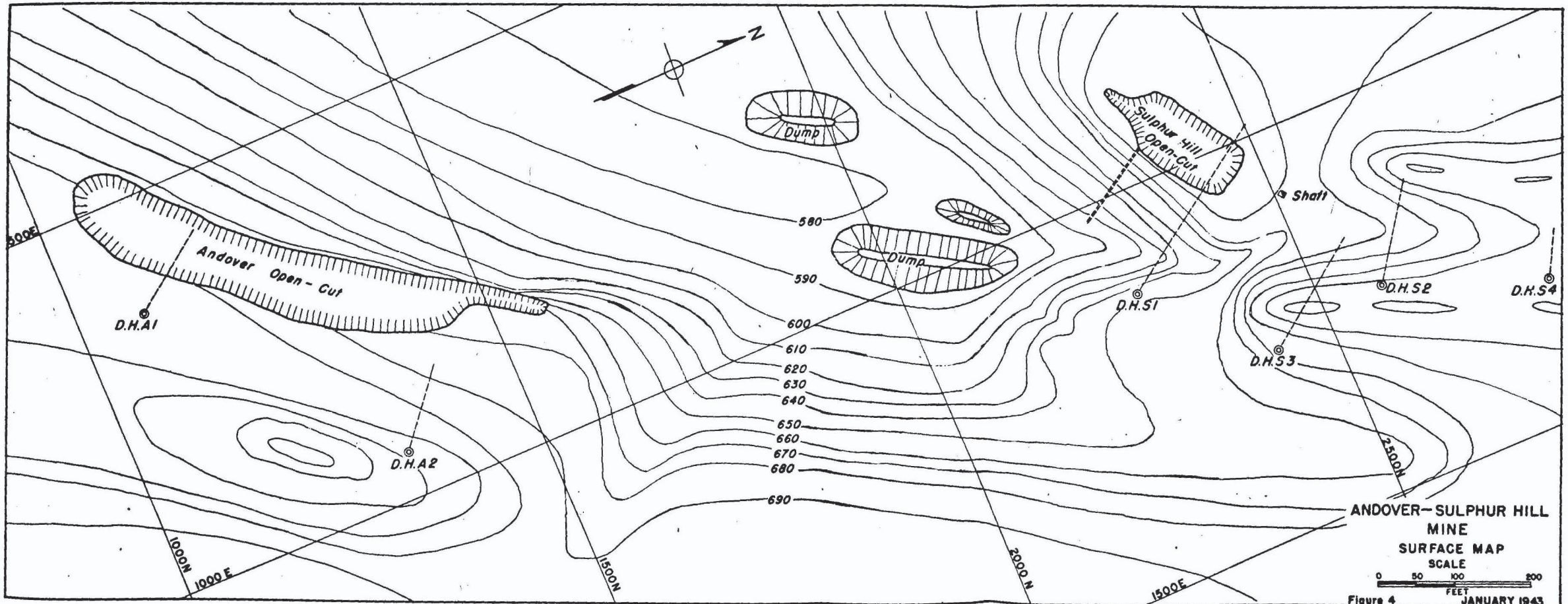

N
Dump
Sulphur Hill Open-Cut
Shaft
Andover Open-Cut
Dump
580
590
600
610
620
630
640
650
660
670
680
690
D.H.A1
D.H.A2
D.H.S1
D.H.S2
D.H.S3
D.H.S4
900E
1000N
1000 E
1500N
2000 N
1500E
2500N
ANDOVER—SULPHUR HILL MINE
SURFACE MAP
SCALE
0 50 100 200
FEET
JANUARY 1943

Figure 4

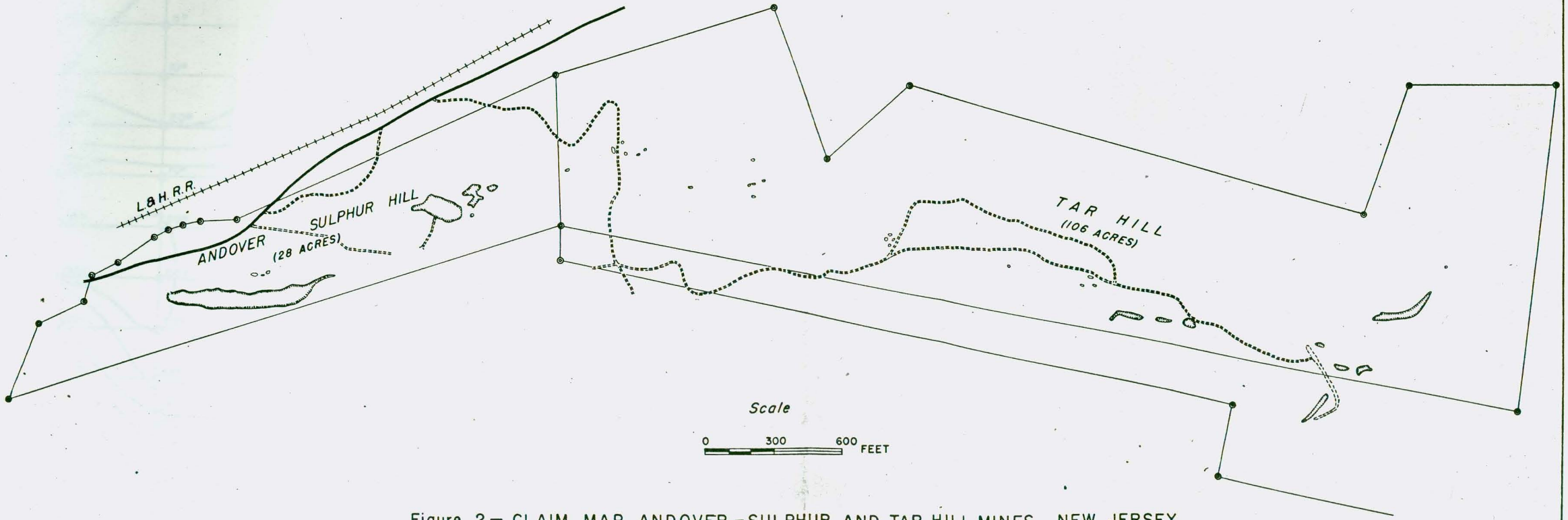
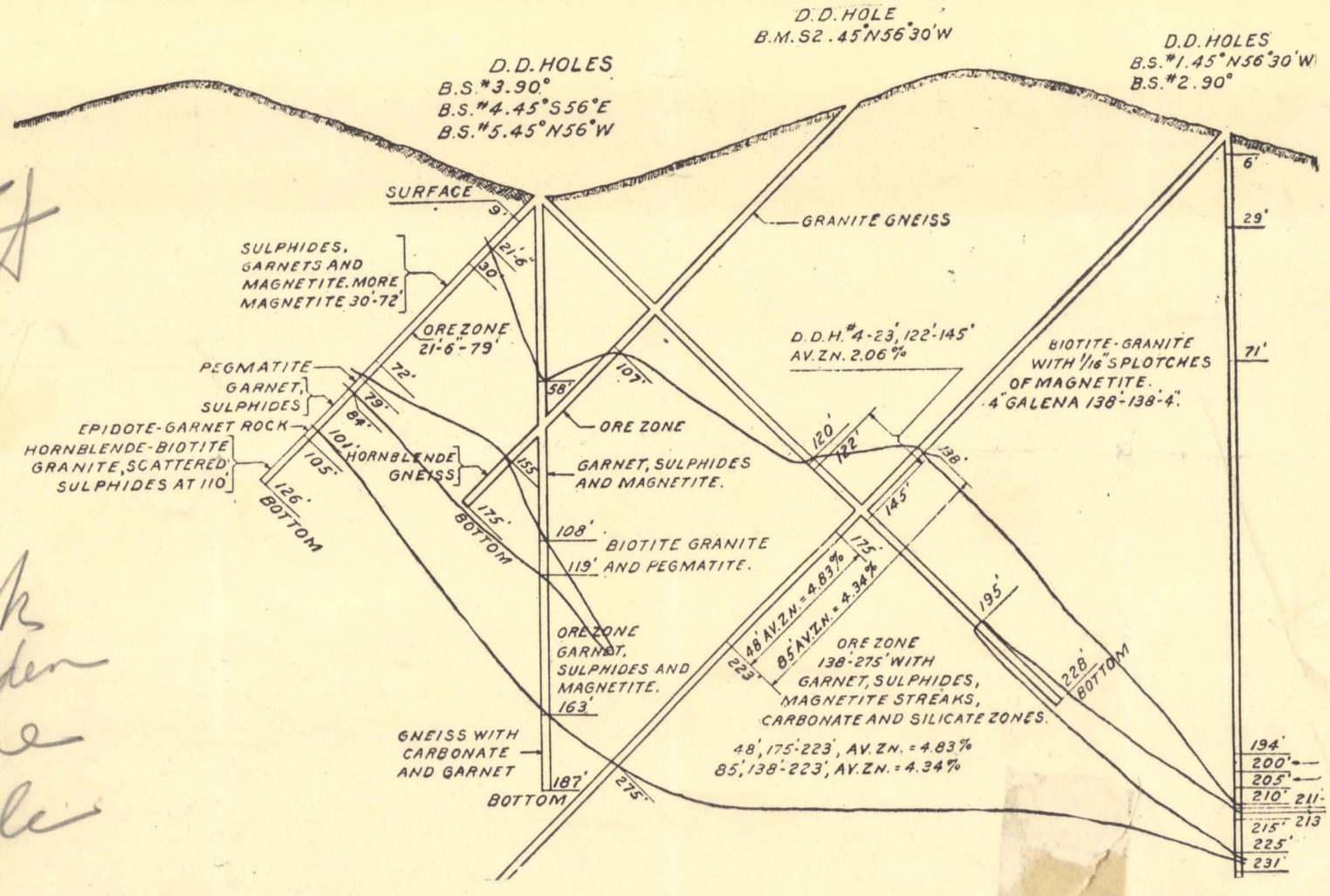


Figure 2.— CLAIM MAP, ANDOVER-SULPHUR AND TAR HILL MINES, NEW JERSEY.

Have Howard J. Hewitt, New Jersey's Greatest Prospector, Prospect Your Mines, Lands And Farms For Minerals To Help Win The War.

Diamond Core Drilling Test, Cross Section of the Andover Sulphur Hill Zinc Discovery, a Small Zinc Mine.



See Visit

Rock Garden Stone Sale

Watch Indian Mine ?? Prospect

Watch the Cranberry Lake Iron Prospect

Watch the Broadway Mica Prospect

Have you a good prospect on your land?

Consult

Howard J. Hewitt, Prospector

Indian Mine, Lafayette, N. J.

142 Carroll St., Paterson, N. J.

Phone LAmbert 5-1546

Newmann

S1 = Sphalerite
Py = Pyrite
Hmt = Hematite
Mt = Magnetite
Shr = Shear
Am = Amphibolite
Ferr = Ferruginous
Gn = Gneiss
Gr = Granite
Db = Diabase
Dk = Dike
G / Gar = Garnet
Pt = Pegmatite
Sps = Sparse
Loc = Local
Epi = Epidote

Gl = Galena
Px = Pyroxene
L / Ls = Limestone
Sul = Sulphides
Ctd = Contorted
⊥ = Vertical dip
H.W. = Hanging wall

c = coarse
m = medium
f = fine
} grain

Oc = Outcrop

REFERENCE DRAWINGS ABOVE

SERIAL NUMBER | DATE ISSUED

THE NEW JERSEY ZINC COMPANY
FRANKLIN, N. J.

REVISIONS

DATE Oct. 1941 | SCALE: 1" = 100'

ANDOVER MINE GEOLOGICAL
LENAPE CORPORATION PROPERTY
ANDOVER, SUSSEX CO, NEW JERSEY

DRAWN JLB - AWP
TRACED JLB - AWP
GEOL. AWP, JLB, RGB.
P.T. GLB, JLB, LEK
APPROVED

69-X-386-A

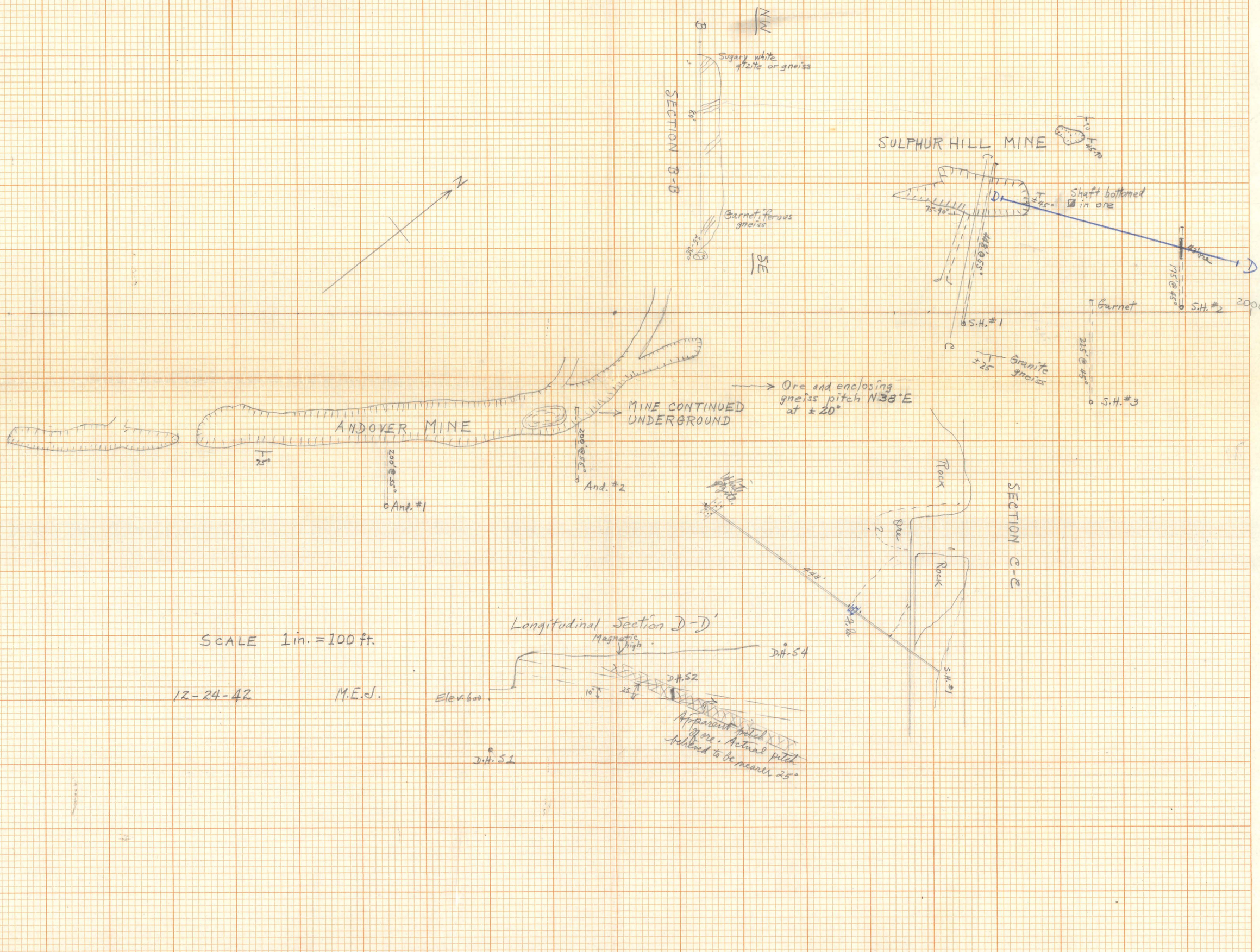
CHARGE

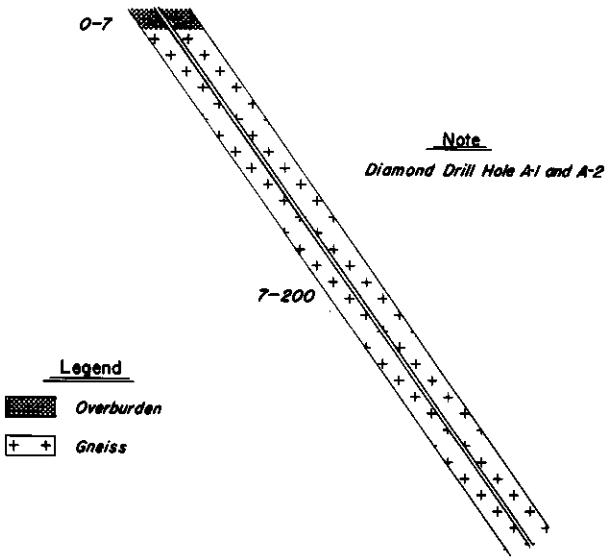
ENGINEER

REVISIONS:

AB 4867 (REV. 4-38) 3C 5-41

SKETCH MAP OF
ANDOVER AND SULPHUR HILL MINES





Note

Diamond Drill Hole A-1 and A-2

Legend

Overburden

Gneiss

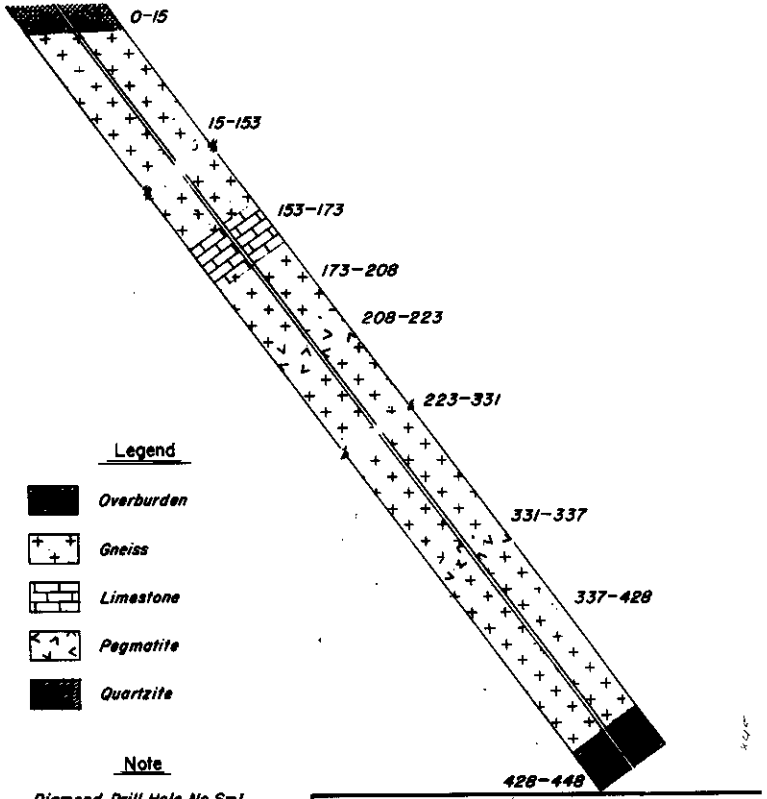
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

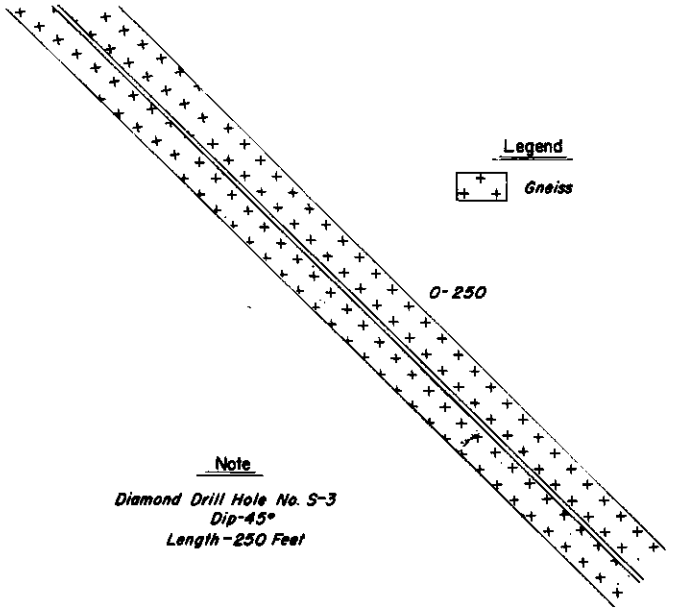
FACTUAL DATA FOR ANDOVER-SULPHUR HILL MINE

SCALE
0 30 60
FEET

PROJ. ENG. DISTRICT ENG.

DATE PROJECT 1581 MAP No. 2





Note

Diamond Drill Hole No. S-3
Dip-45°
Length-250 Feet

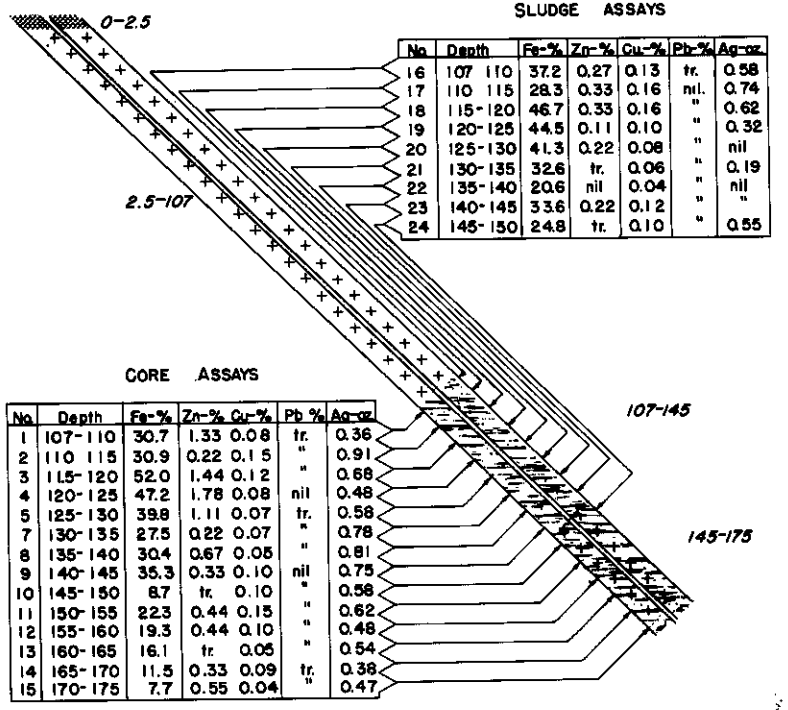
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

FACTUAL DATA FOR ANDOVER-SULPHUR HILL MINE

SCALE
0 30 60 FEET

PROJ. ENG. _____ DISTRICT ENG. _____

DATE _____ PROJECT 1581 MAP No. 5



SLUDGE ASSAYS

No.	Depth	Fe-%	Zn-%	Cu-%	Pb-%	Ag-oz.
16	107 110	37.2	0.27	0.13	tr.	0.58
17	110 115	28.3	0.33	0.16	nil.	0.74
18	115-120	46.7	0.33	0.16	"	0.62
19	120-125	44.5	0.11	0.10	"	0.32
20	125-130	41.3	0.22	0.08	"	nil
21	130-135	32.6	tr.	0.06	"	0.19
22	135-140	20.6	nil	0.04	"	nil
23	140-145	33.6	0.22	0.12	"	"
24	145-150	24.8	tr.	0.10	"	0.55

CORE ASSAYS

No.	Depth	Fe-%	Zn-%	Cu-%	Pb %	Ag-oz
1	107-110	30.7	1.33	0.08	tr.	0.36
2	110 115	30.9	0.22	0.15	"	0.91
3	115-120	52.0	1.44	0.12	"	0.68
4	120-125	47.2	1.78	0.08	nil	0.48
5	125-130	39.8	1.11	0.07	tr.	0.58
7	130-135	27.5	0.22	0.07	"	0.78
8	135-140	30.4	0.67	0.05	"	0.81
9	140-145	35.3	0.33	0.10	nil	0.75
10	145-150	8.7	tr.	0.10	"	0.58
11	150-155	22.3	0.44	0.15	"	0.62
12	155-160	19.3	0.44	0.10	"	0.48
13	160-165	16.1	tr.	0.05	"	0.54
14	165-170	11.5	0.33	0.09	tr.	0.38
15	170-175	7.7	0.55	0.04	"	0.47

Legend

- Gneiss
- Magnetite Ore
- Gneiss-with some magnetite and garnet
- Overburden

Diamond Drill Hole No. S-2

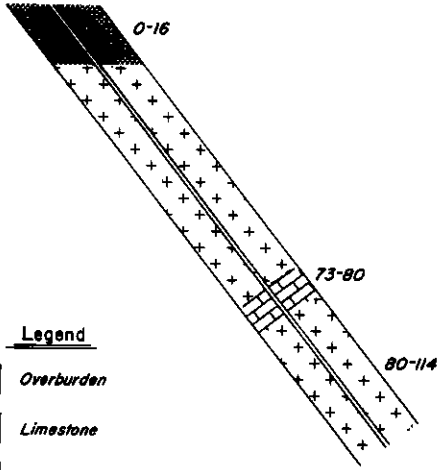
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

FACTUAL DATA FOR ANDOVER-SULPHUR HILL MINE

SCALE
0 20 40 FEET

PROJ. ENG. _____ DISTRICT ENG. _____

DATE _____ PROJECT 1581 MAP No. 4



Legend

Overburden

Limestone

Gneiss

Note

Diamond Drill Hole No. S-4
Dip-55°
Length-114 Feet

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

FACTUAL DATA FOR ANDOVER—SULPHUR HILL MINE

SCALE
0 20 40 FEET

PROJ. ENG. DISTRICT ENG.

DATE PROJECT 1581 MAP No. 6