



State of New Jersey  
Department of Environmental Protection  
Geological Survey

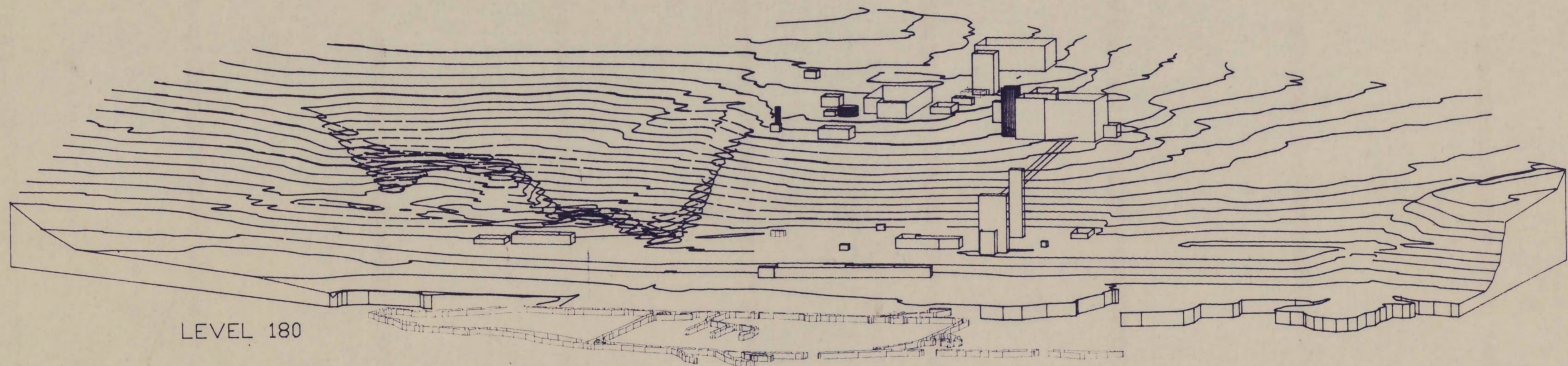


**Information Disclaimer**

The State of New Jersey makes great effort to provide secure, accurate and complete information. However, portions of the information contained here may be incorrect or not current.

The State of New Jersey, its officers, employees or agents shall not be liable for damages or losses of any kind arising out of or in connection with the use or performance of information, including but not limited to, damages or losses caused by reliance upon the accuracy or timeliness of any such information, or damages incurred from the viewing, distributing, or copying of those materials.

The materials and information provided here are provided "as is." No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, fitness for a particular purpose, and freedom from computer virus, is given with respect to the contents of this document.



LEVEL 180

LEVEL 340

LEVEL 430

LEVEL 500

LEVEL 600

LEVEL 700

LEVEL 800

LEVEL 900

LEVEL 1000

LEVEL 1100

LEVEL 1200

LEVEL 1300

LEVEL 1400

LEVEL 1500

LEVEL 1600

LAYER 1680

LEVEL 1750

LEVEL 1850

LEVEL 1950

LEVEL 2050

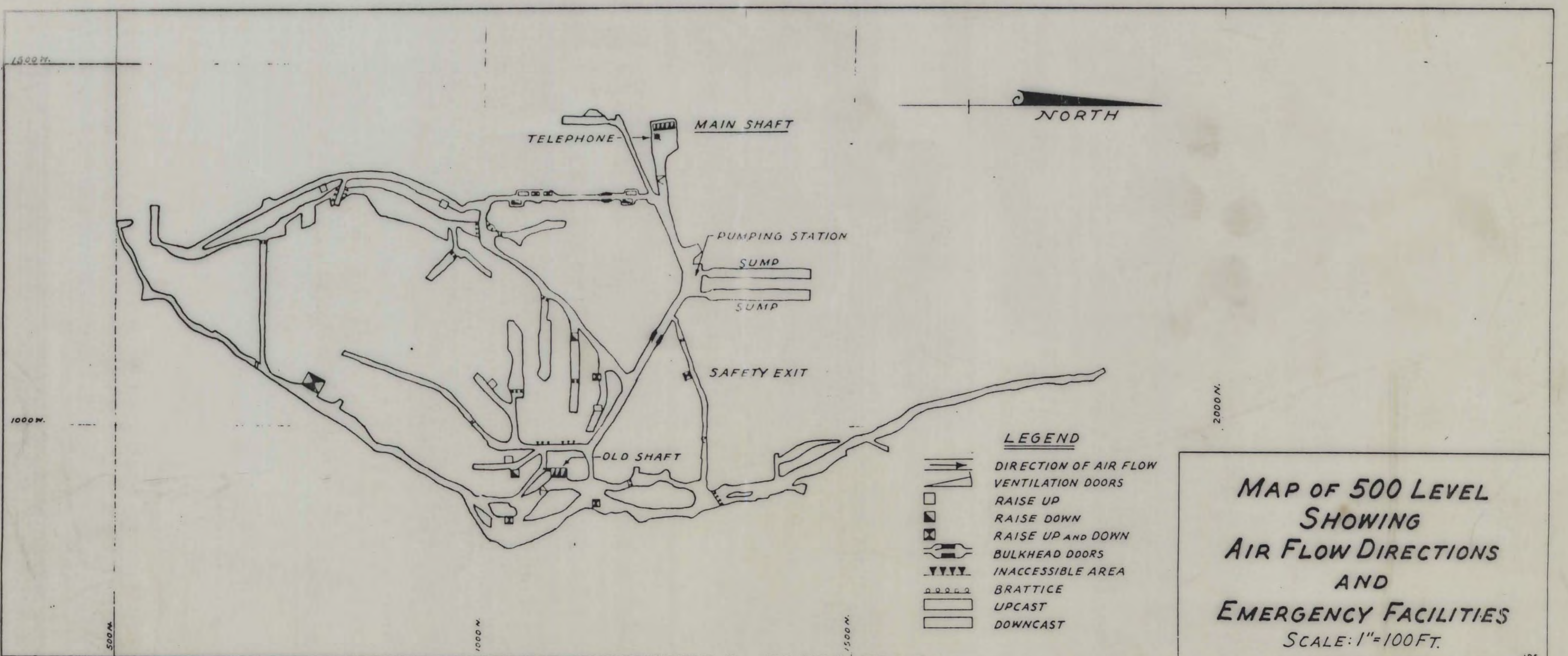
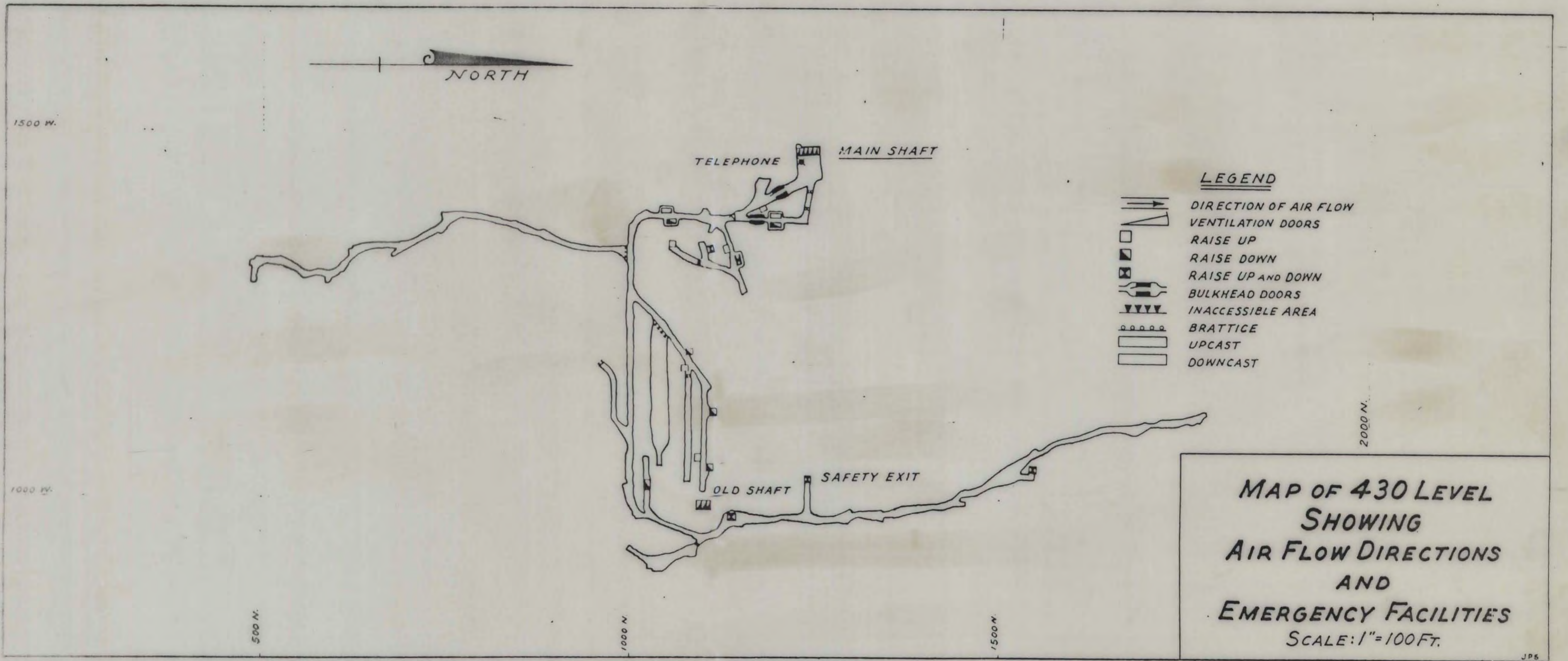
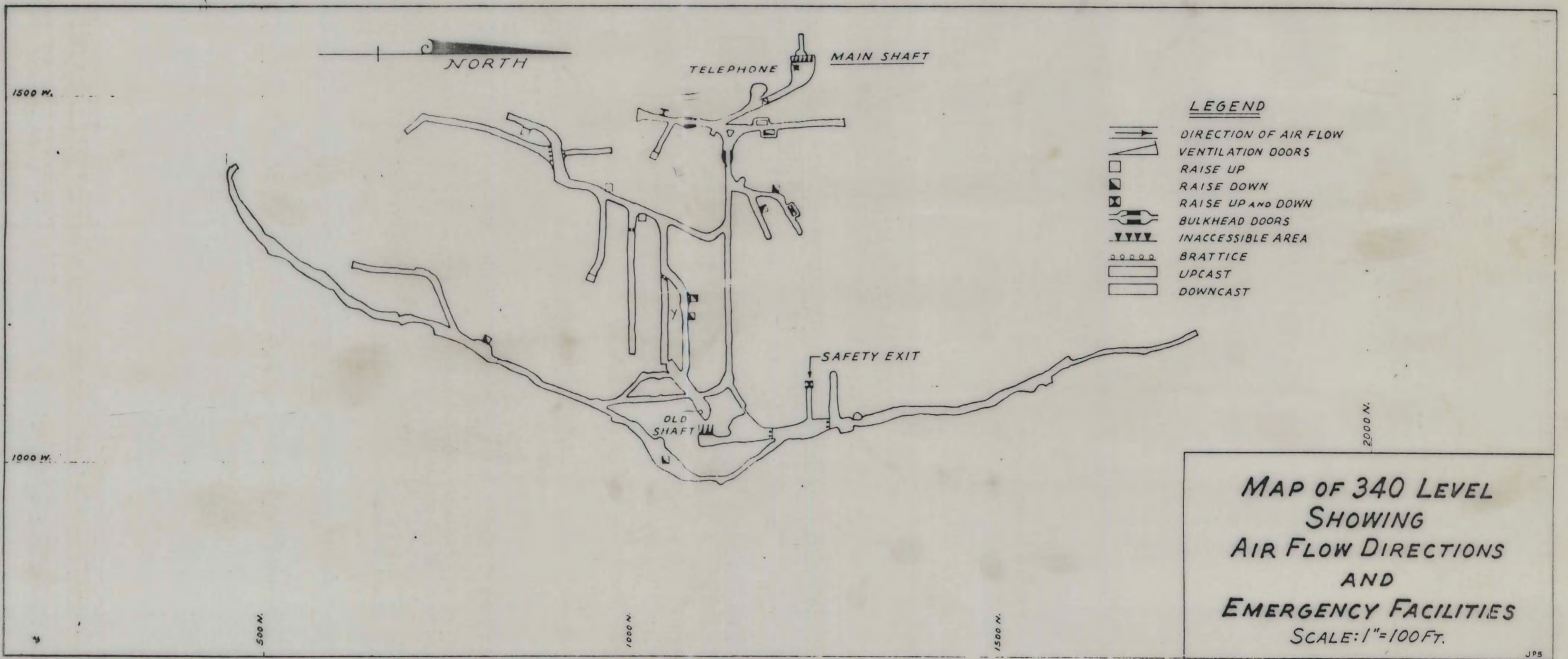
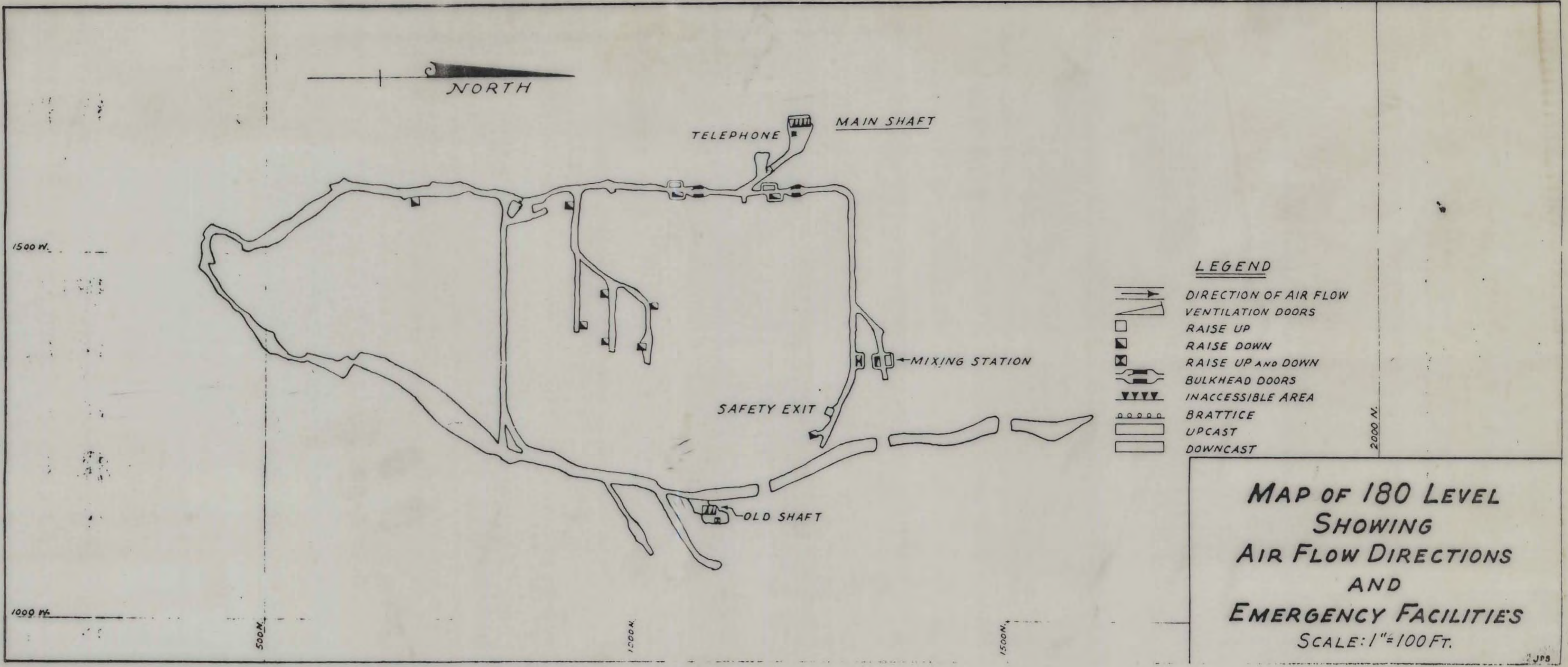
LEVEL 2150

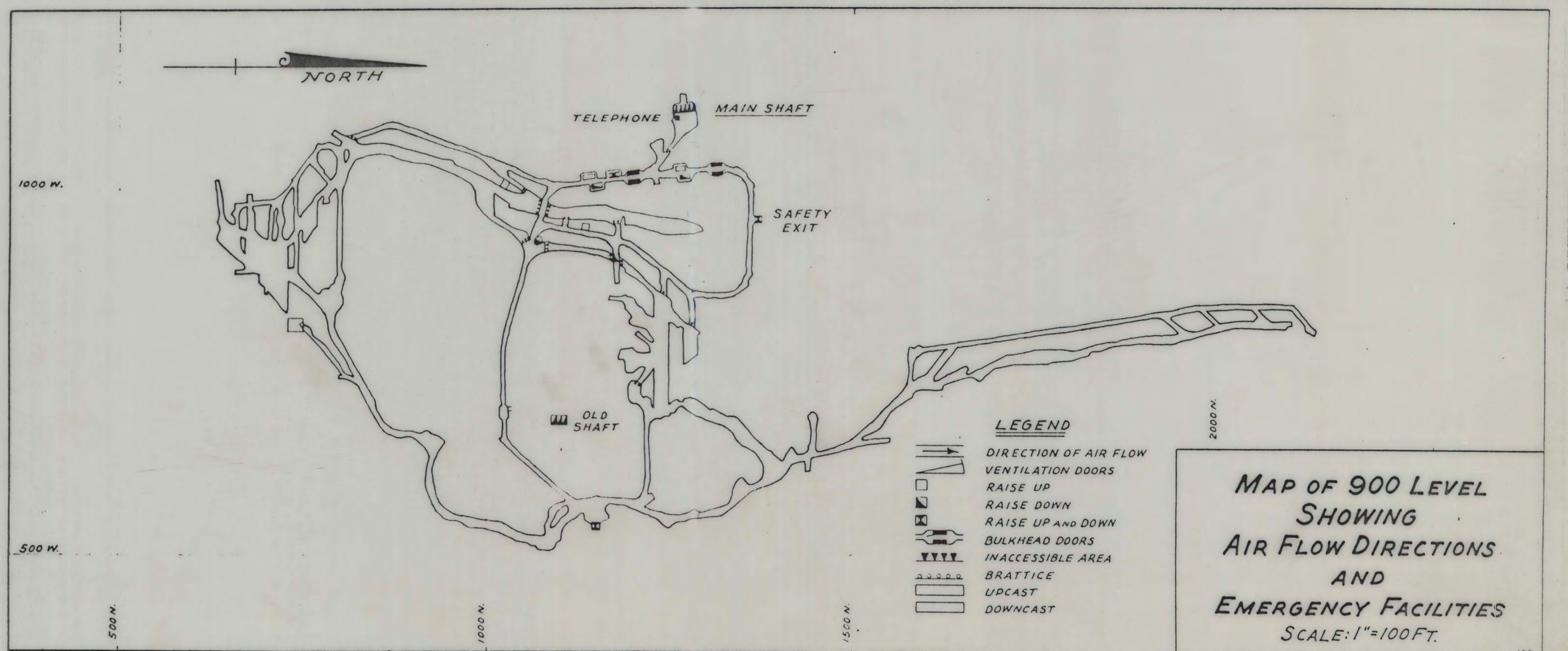
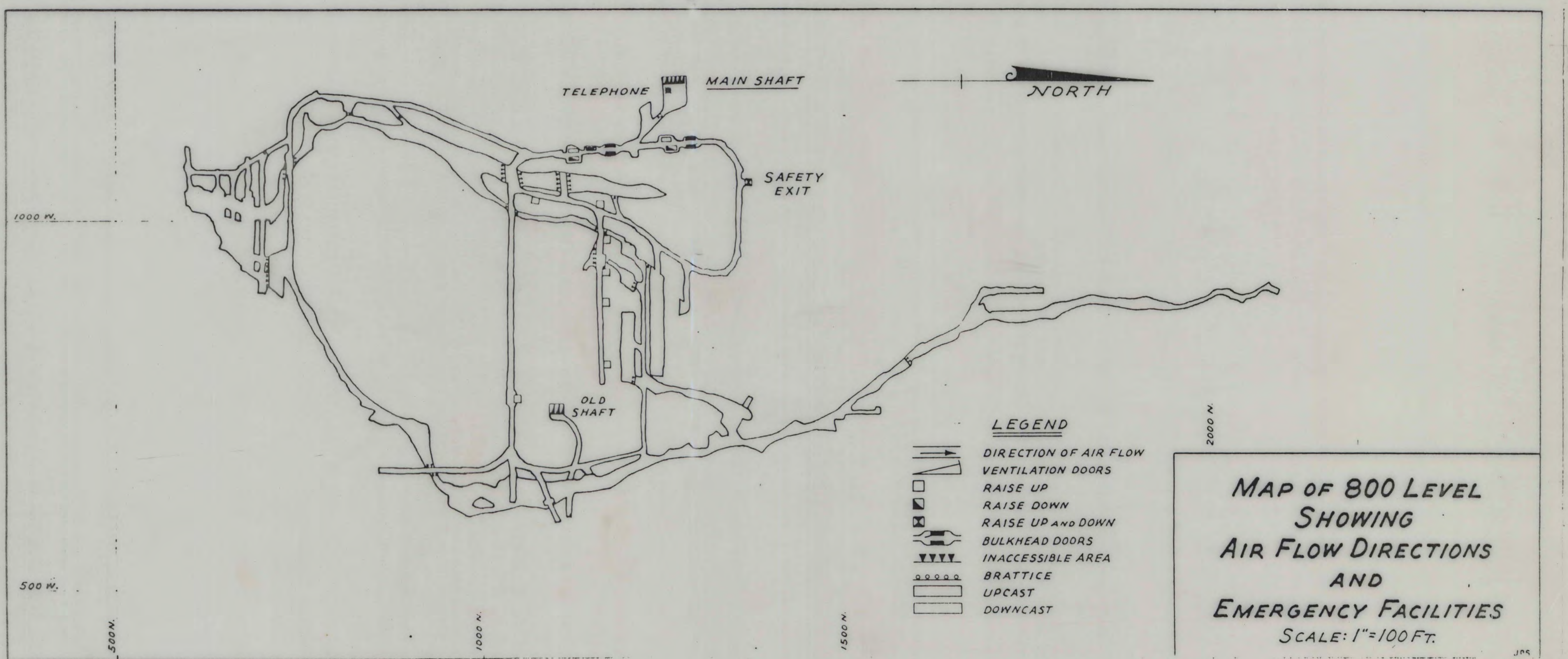
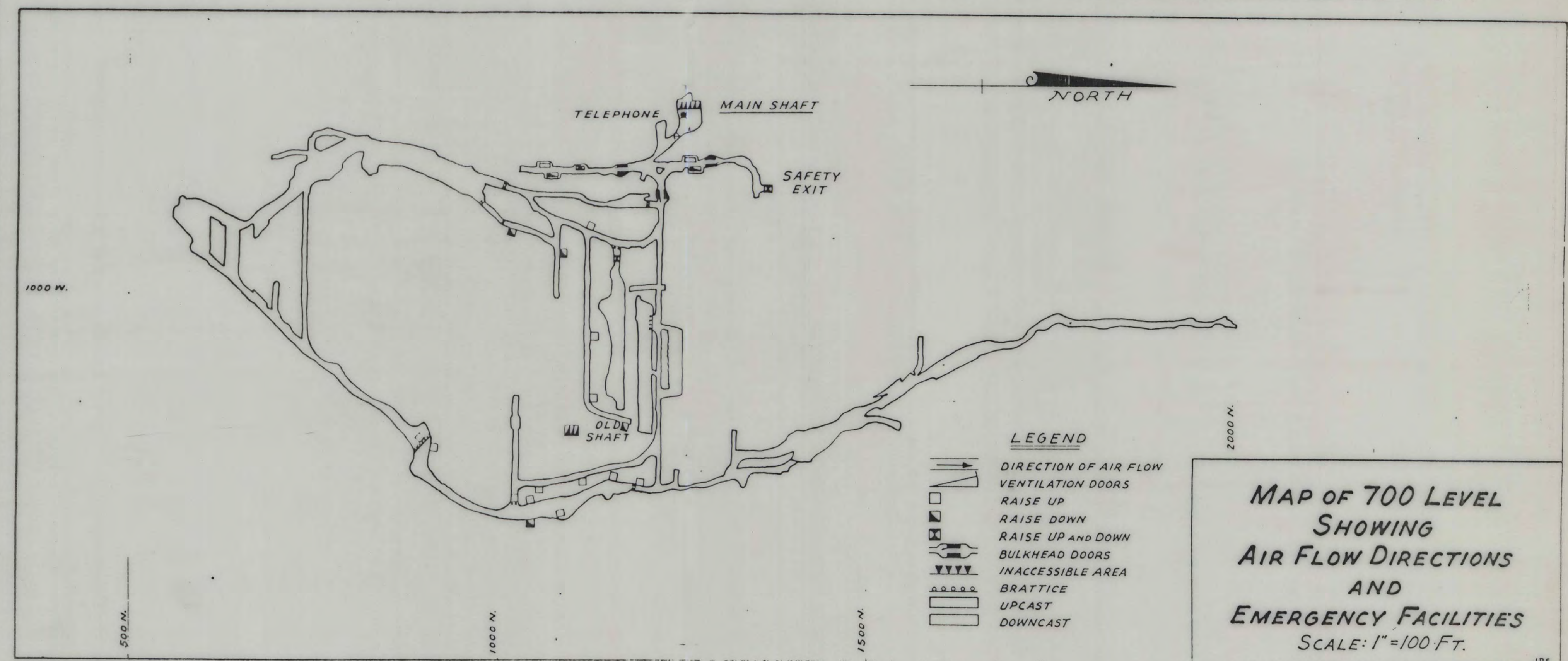
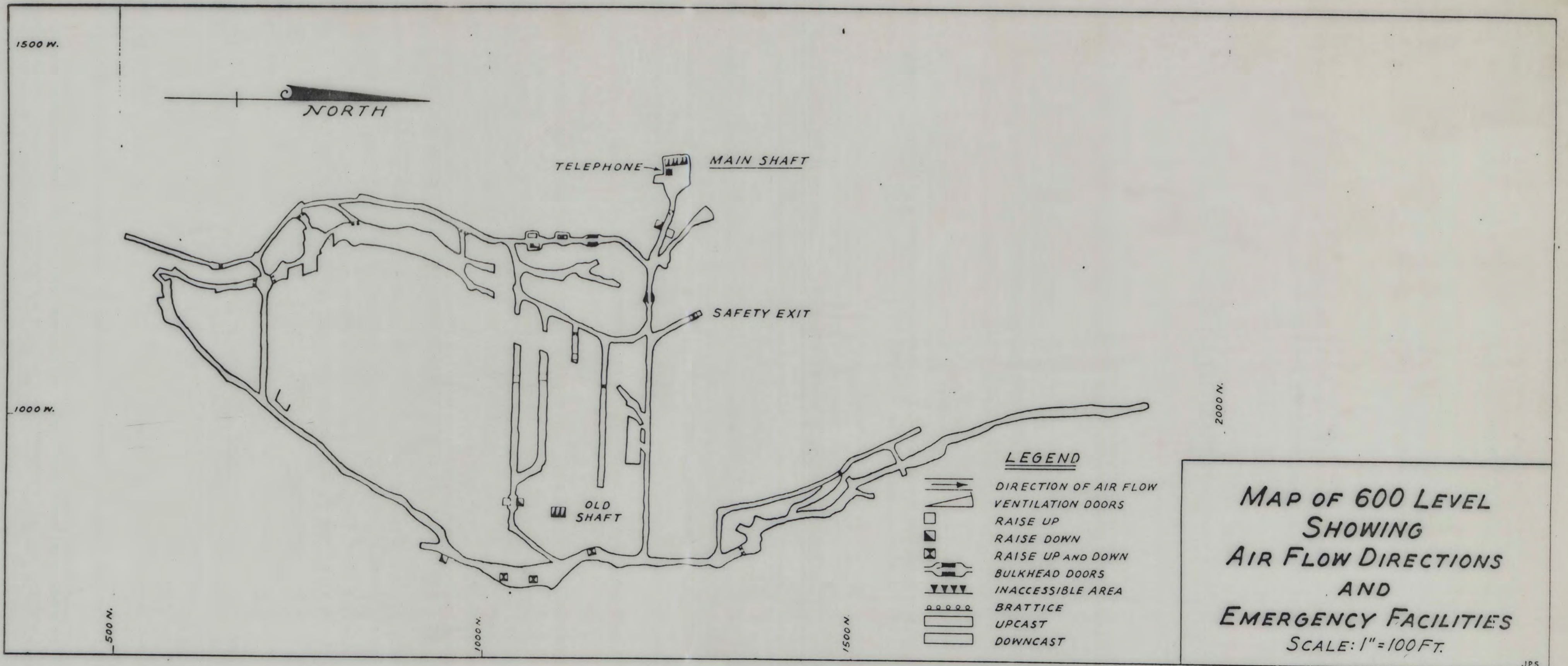
LEVEL 2250

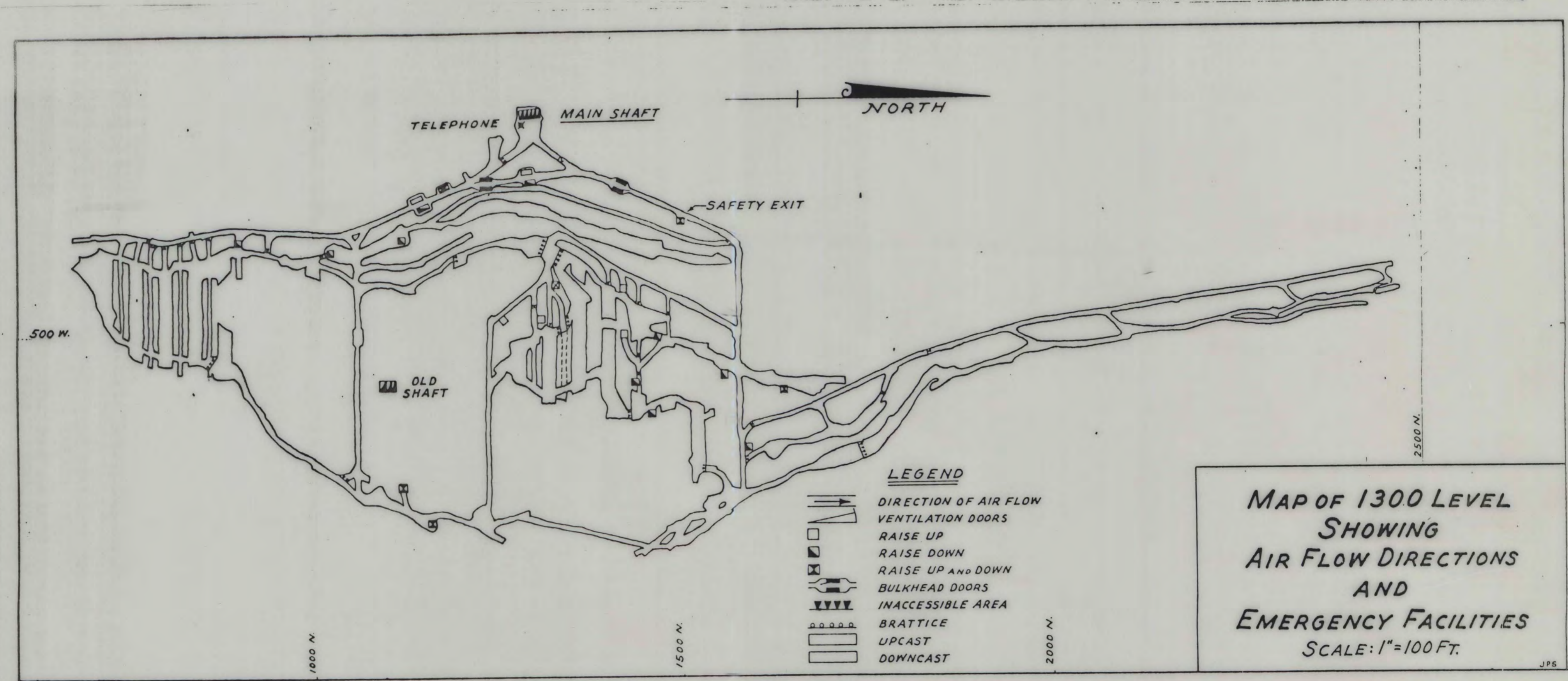
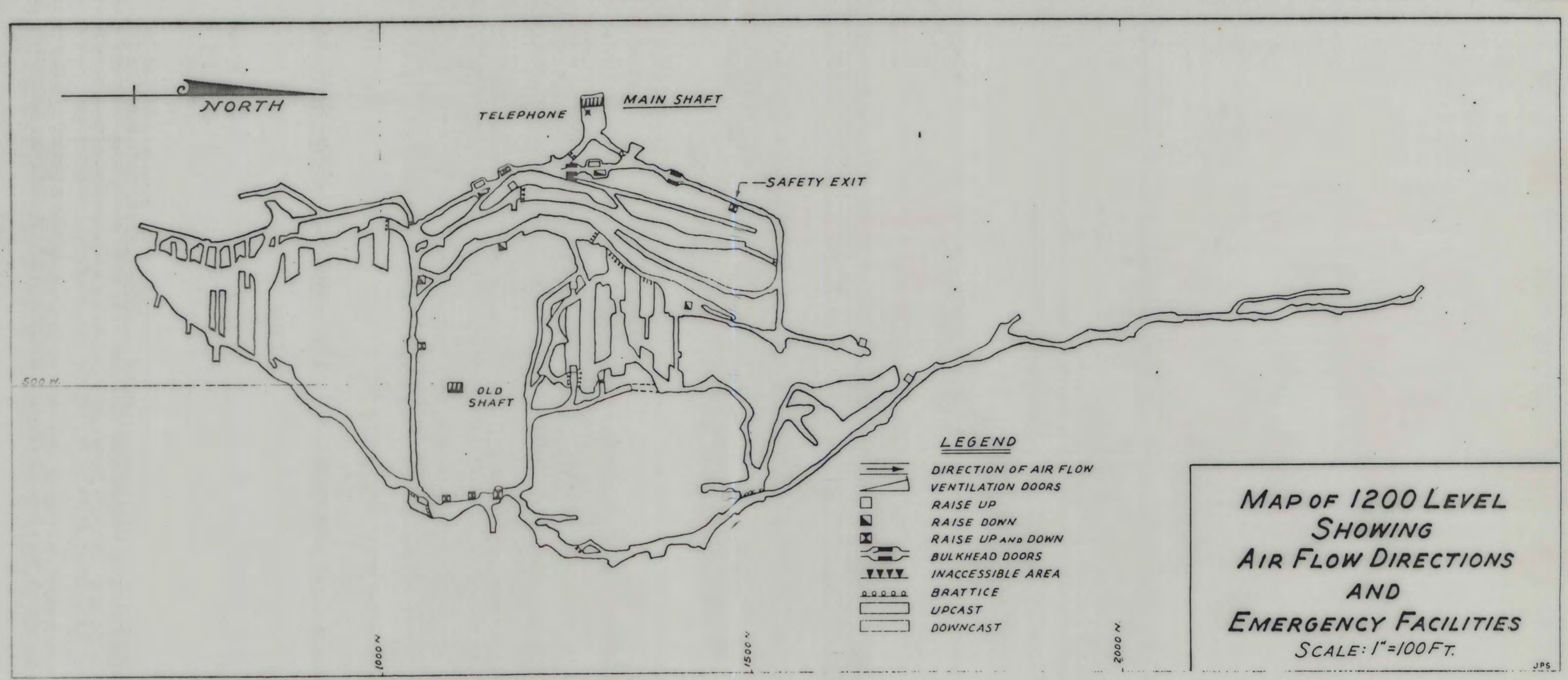
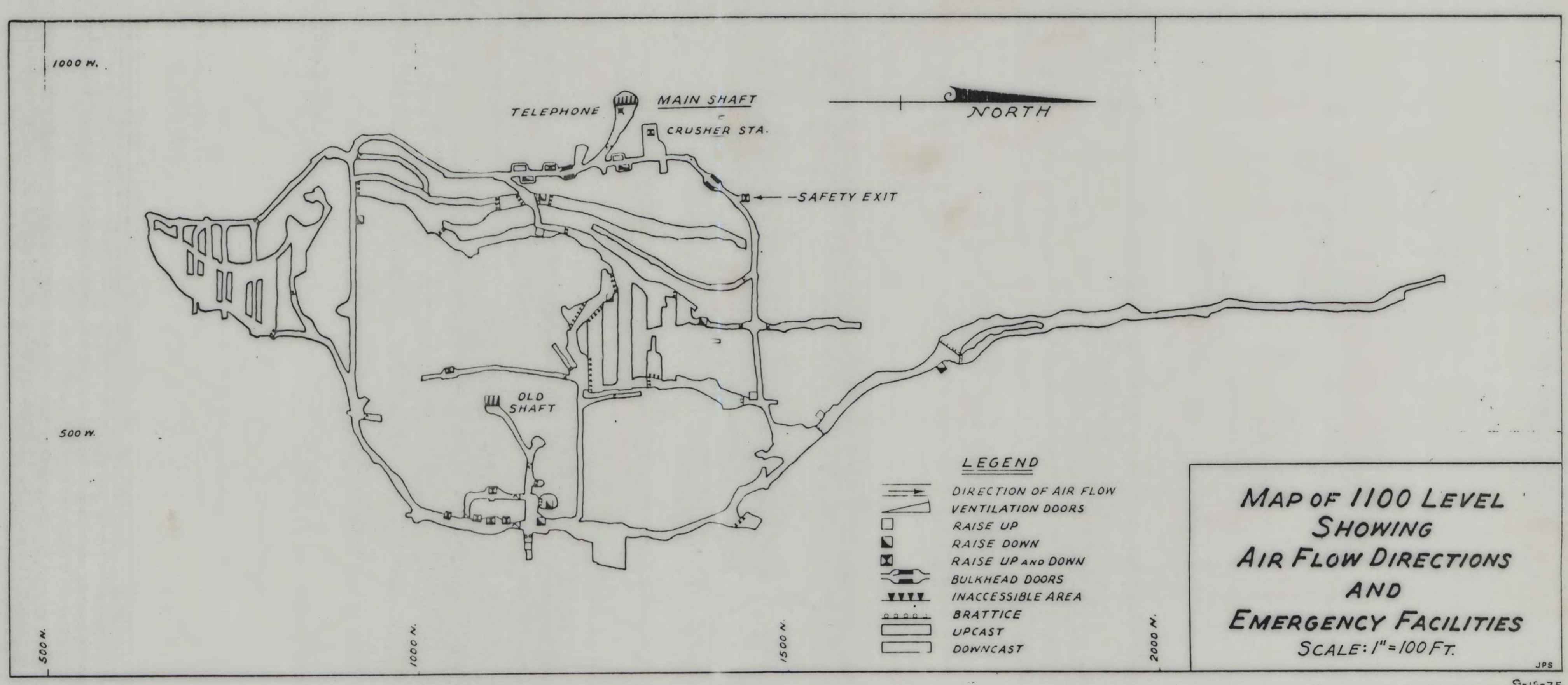
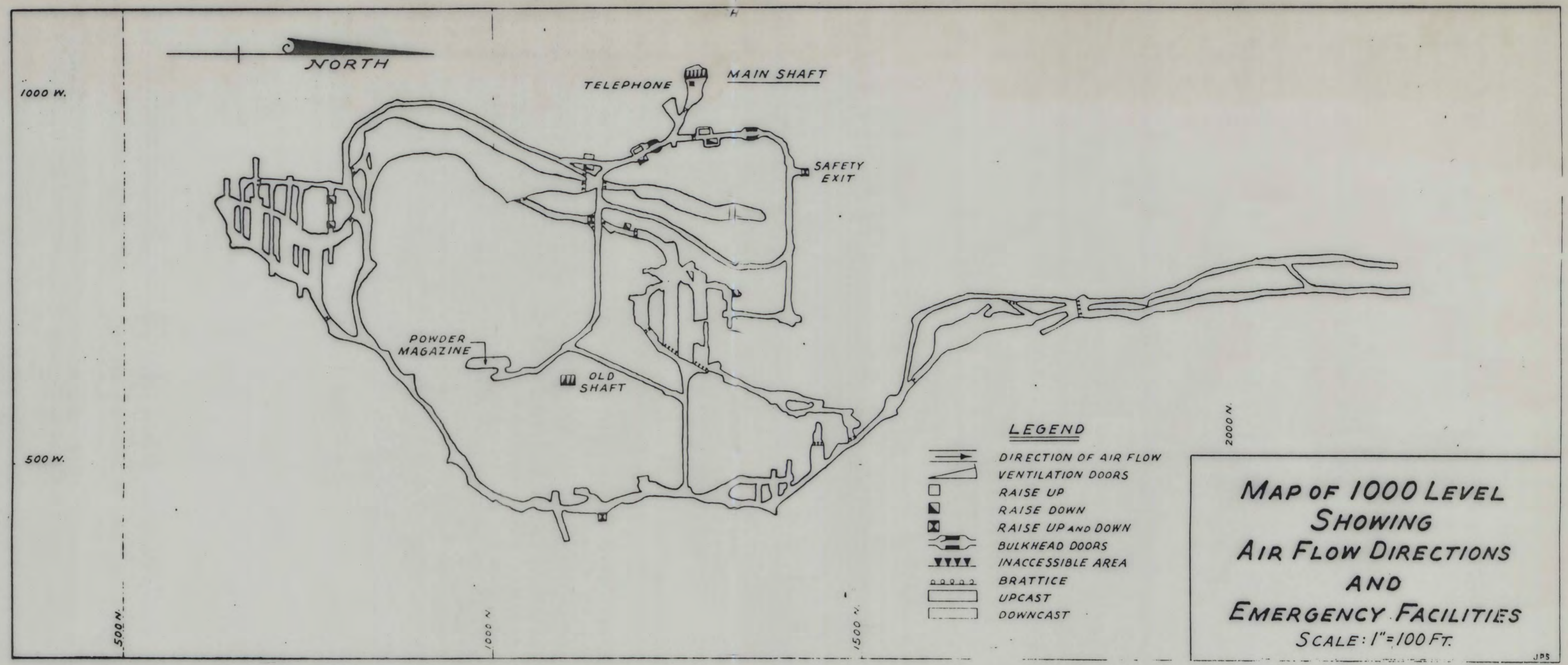
LEVEL 2350

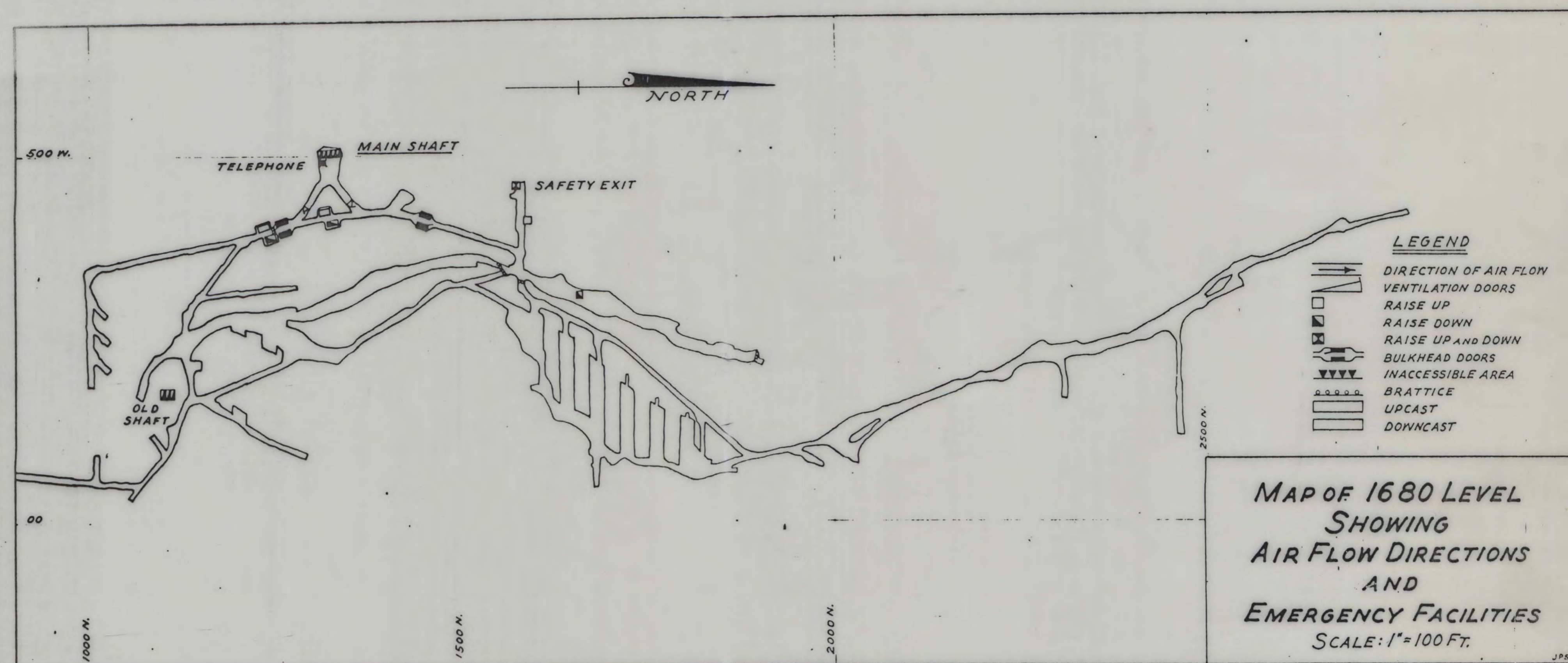
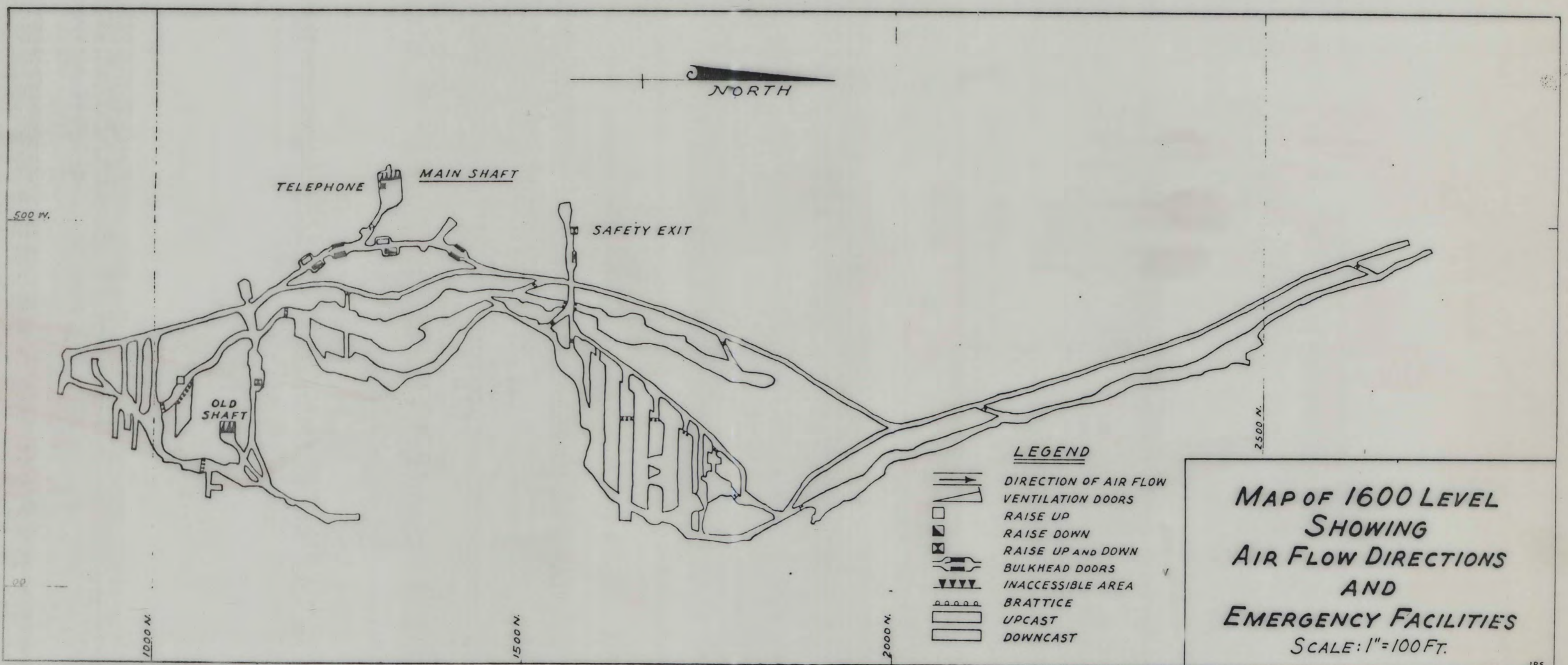
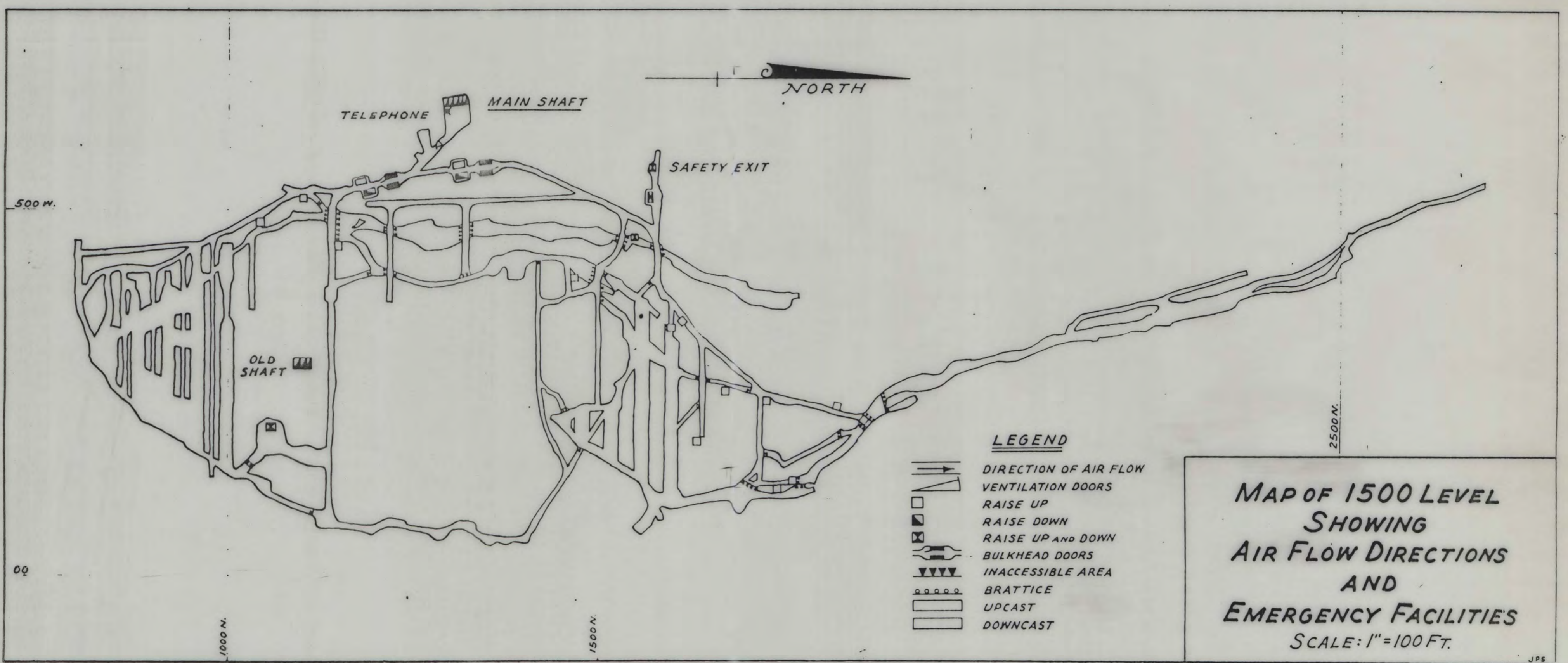
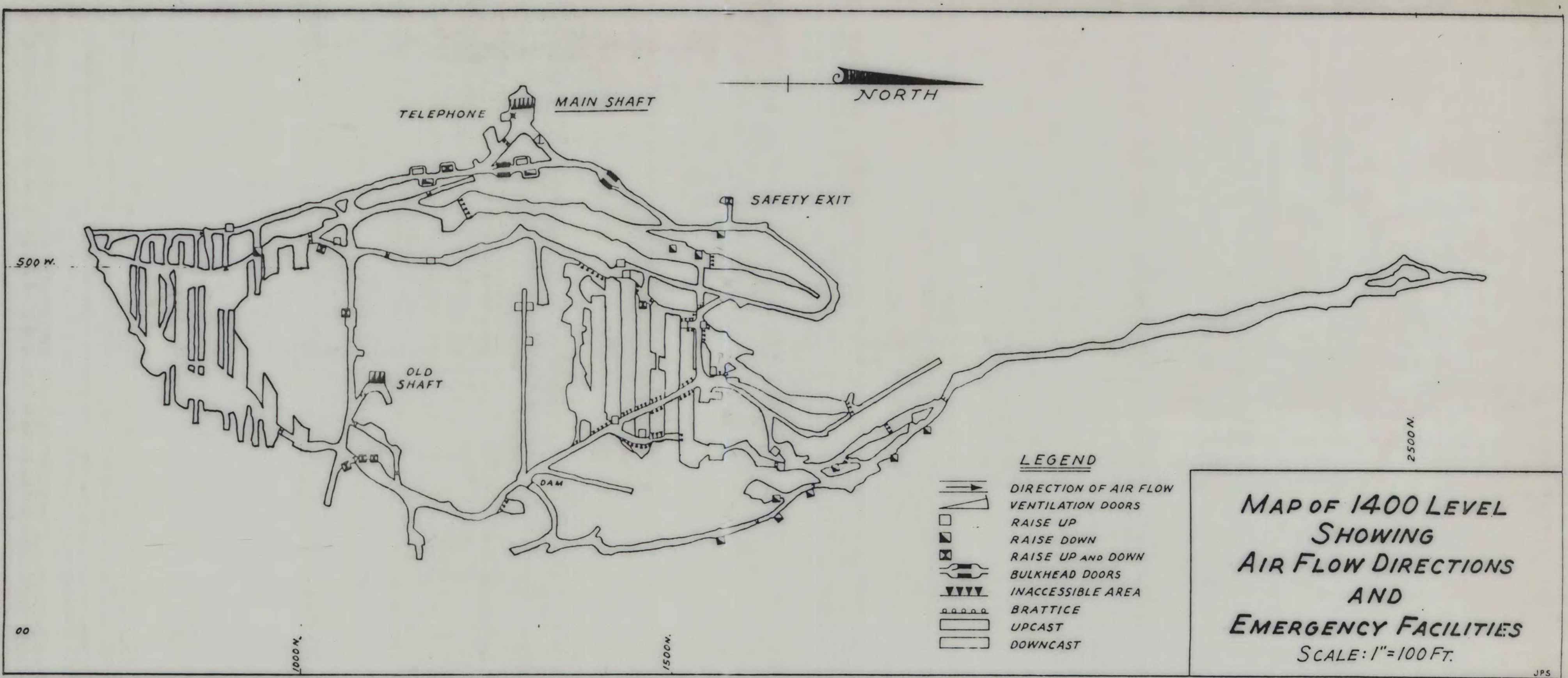
LEVEL 2450

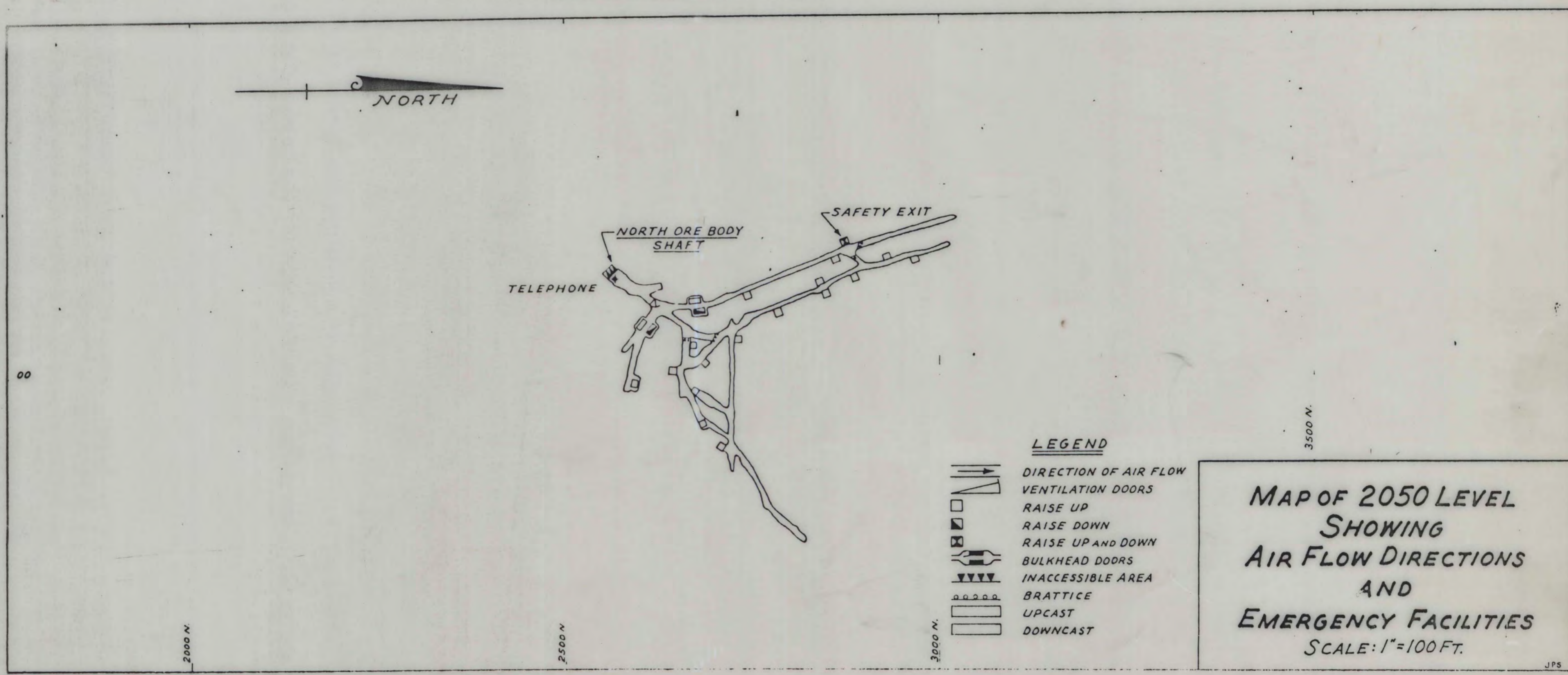
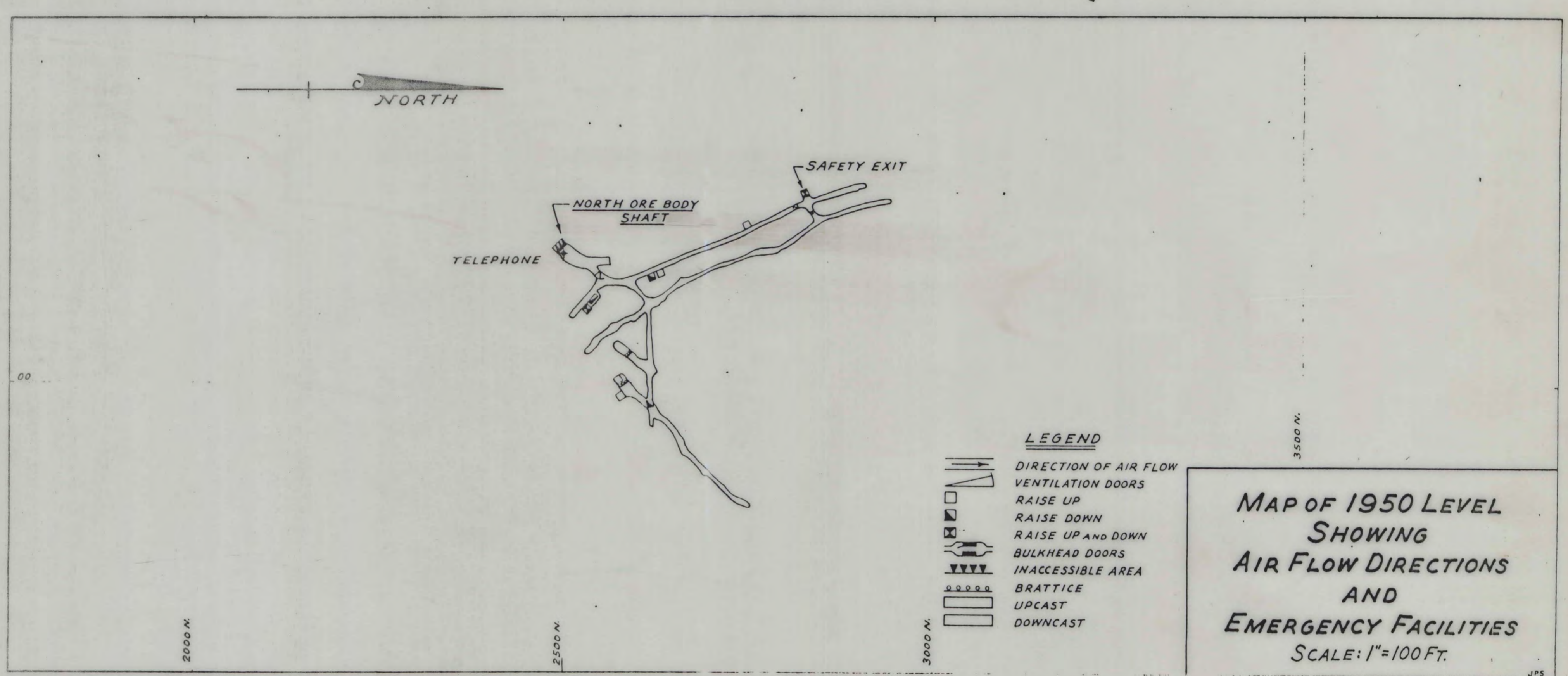
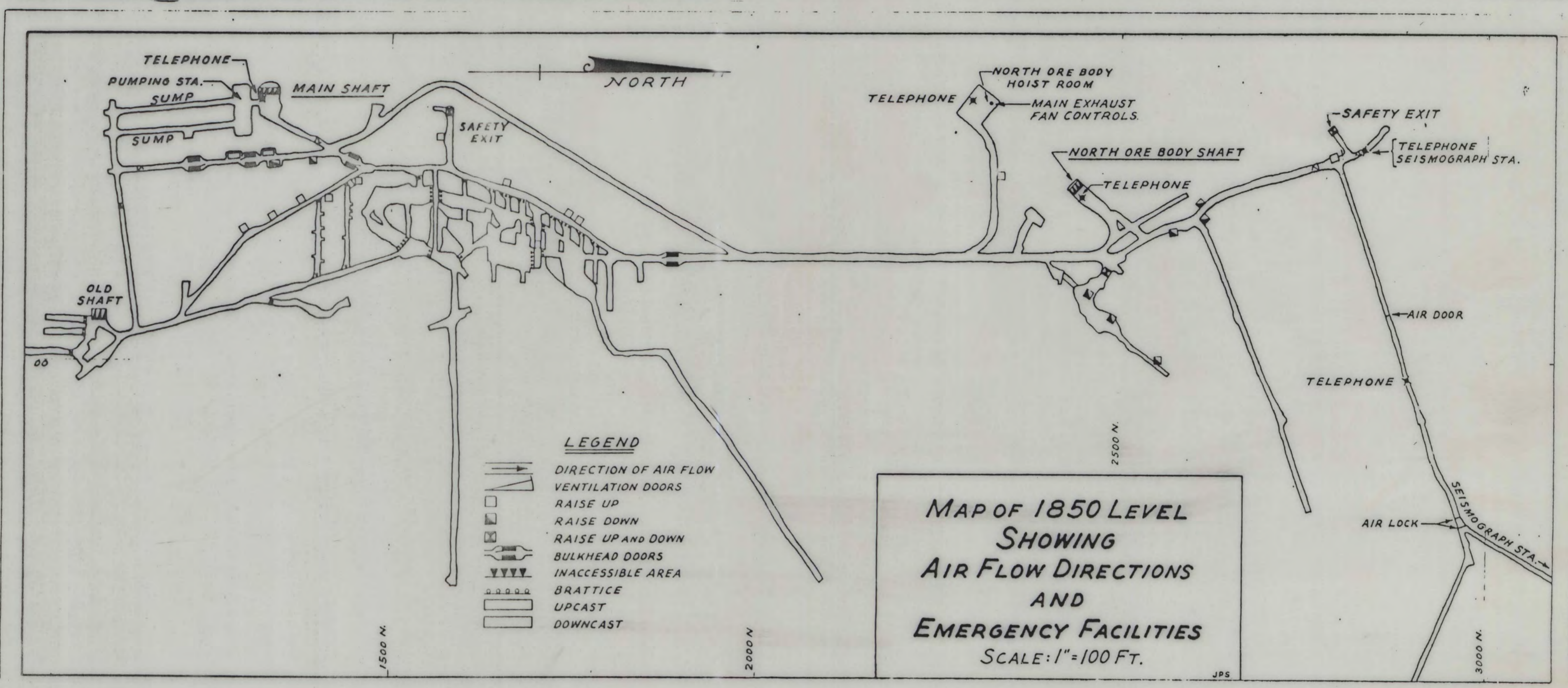
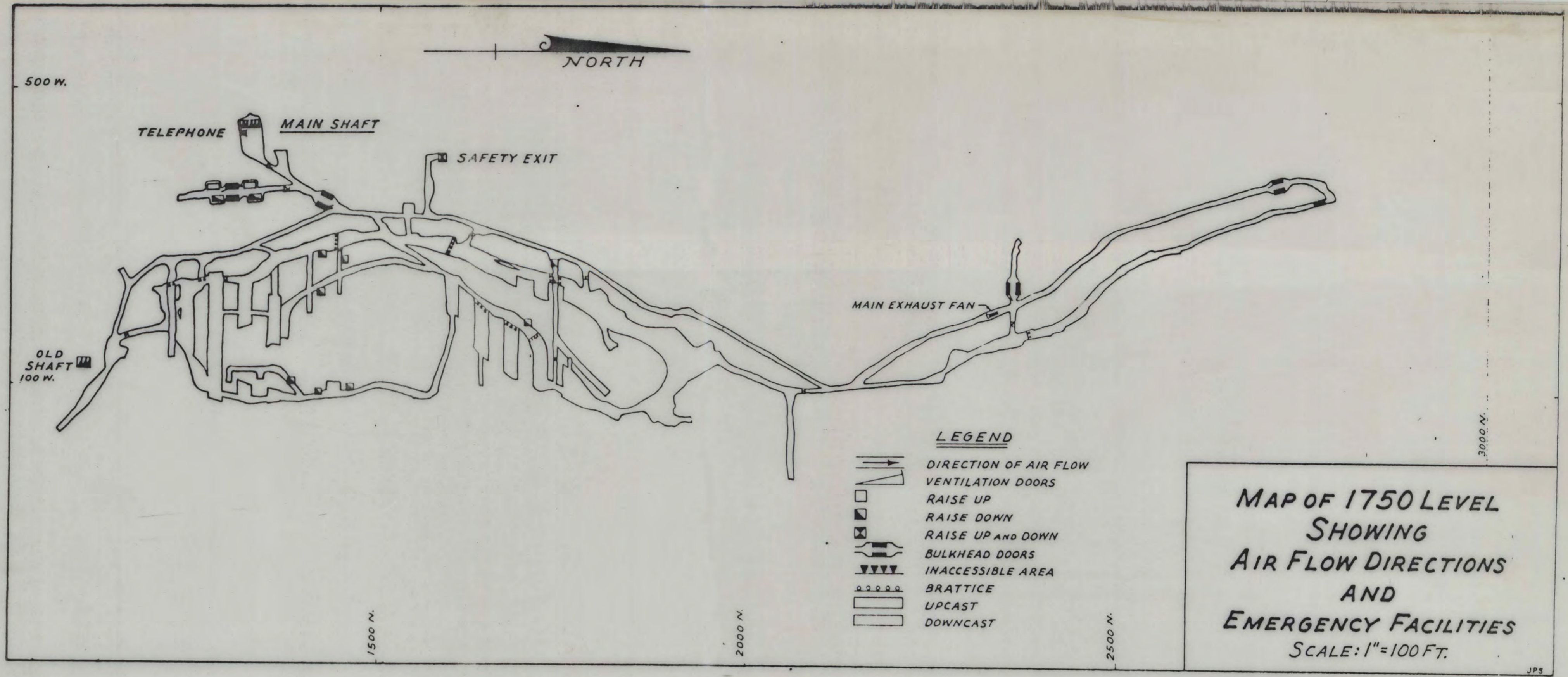
LEVEL 2550

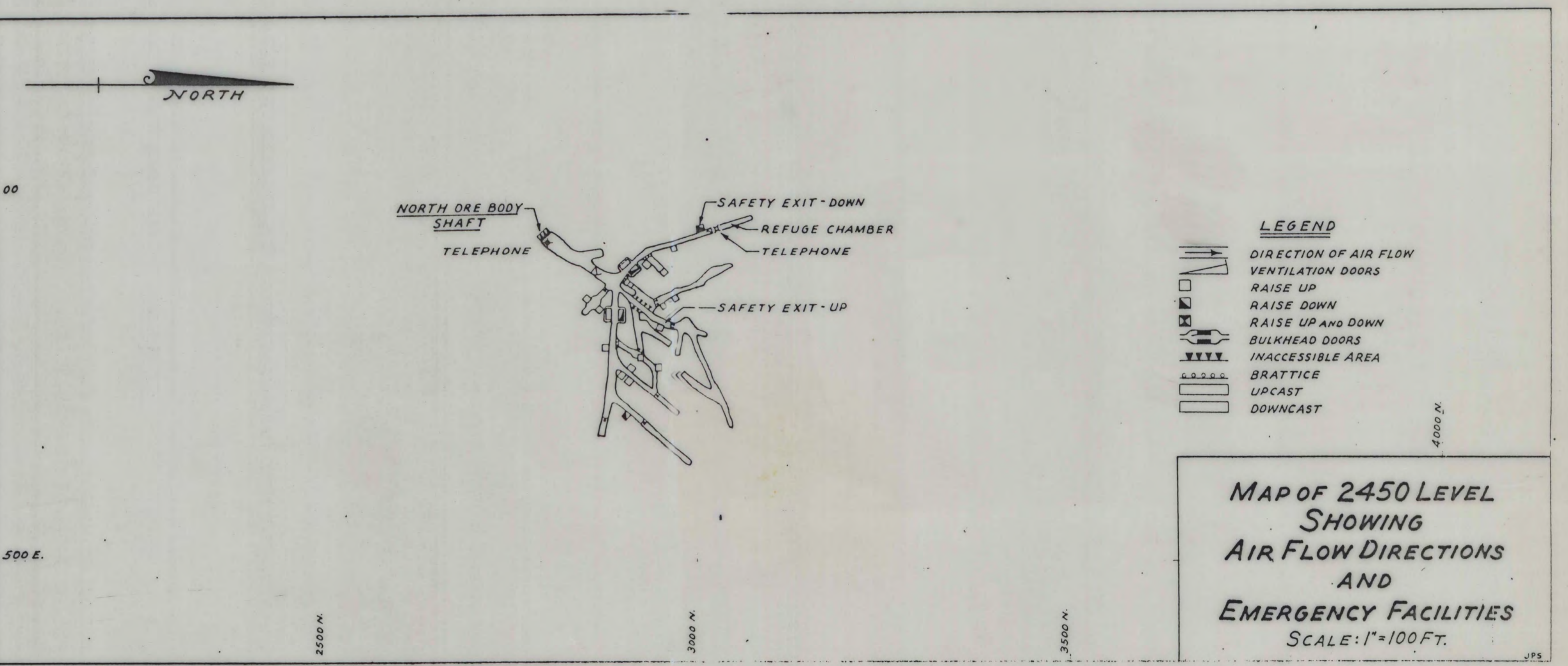
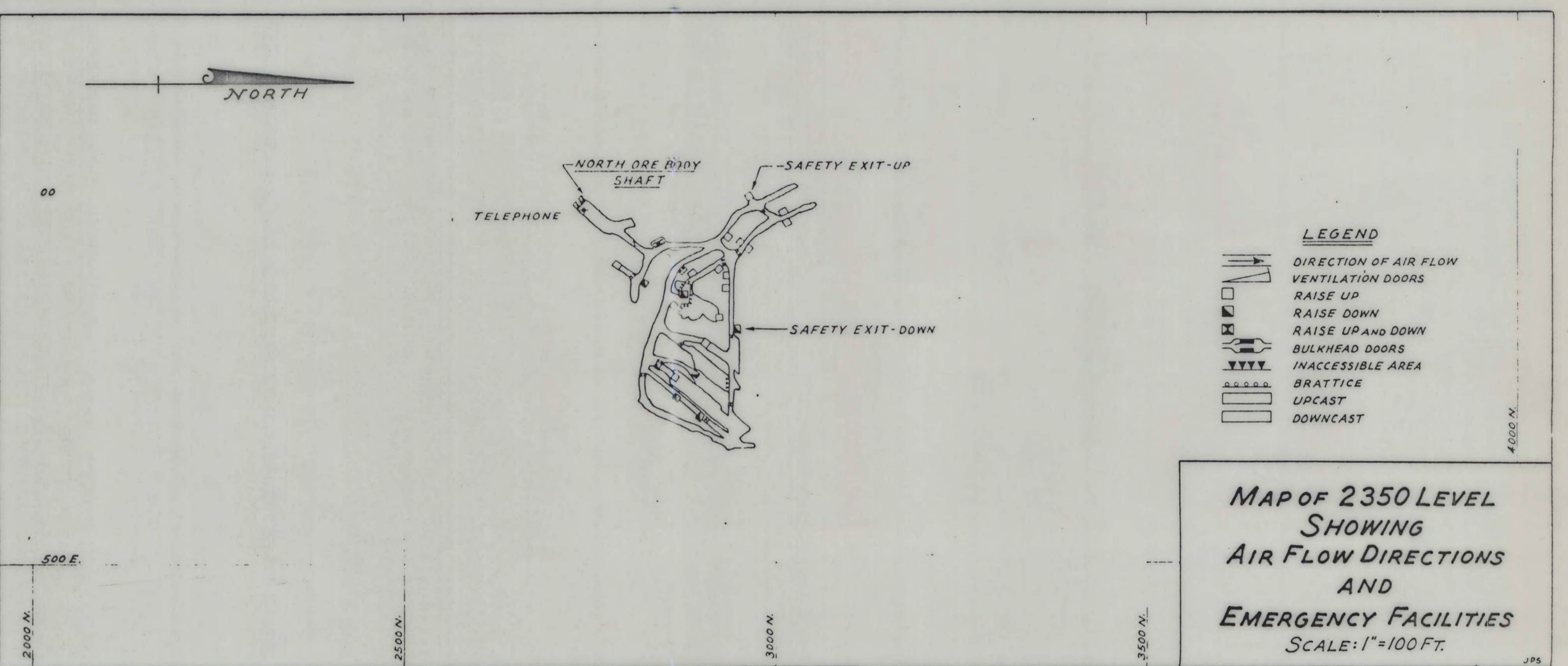
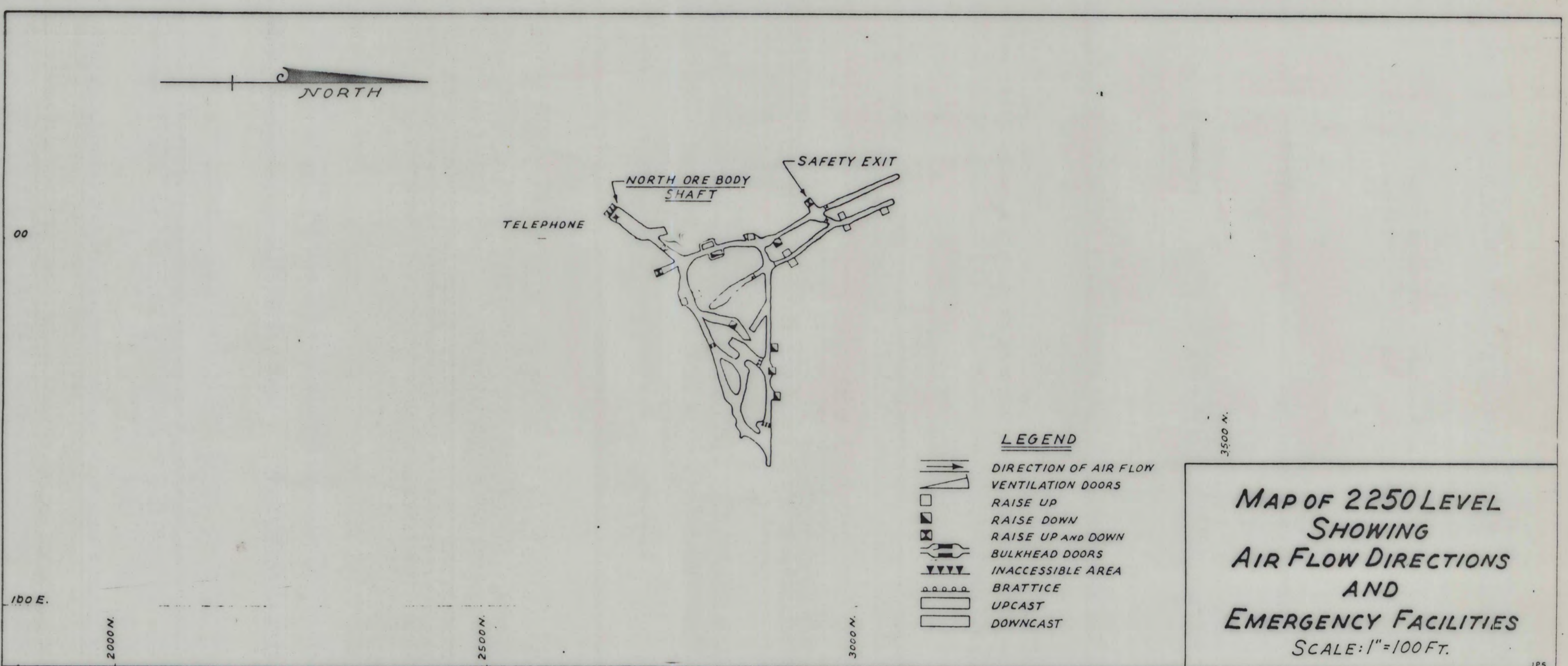
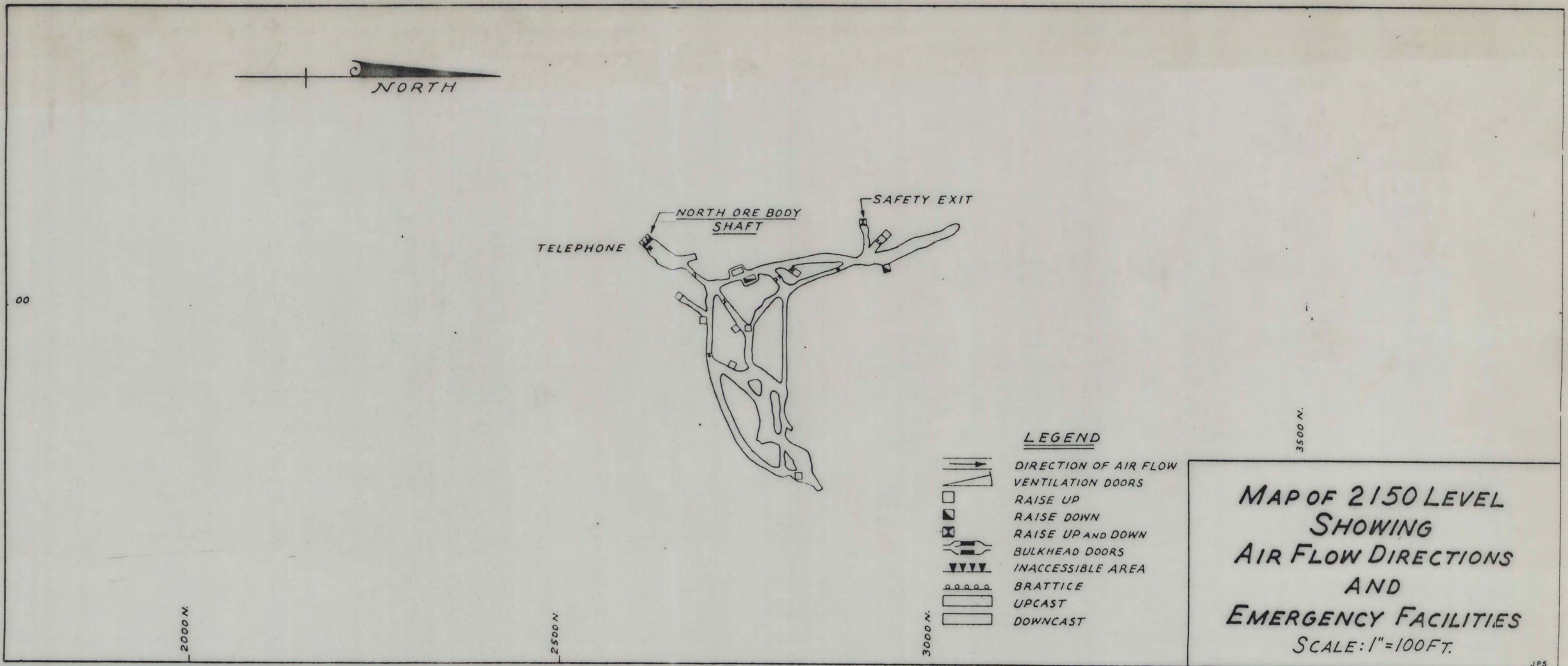








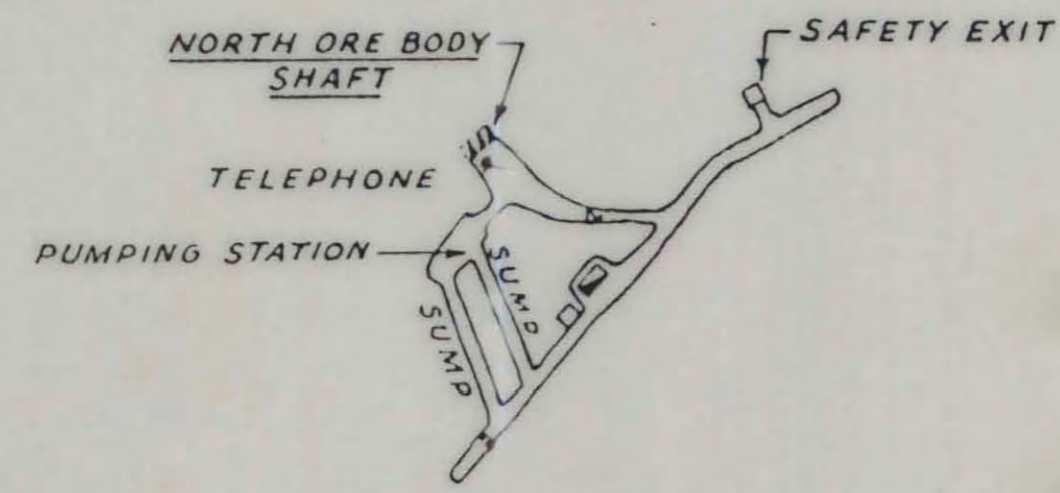




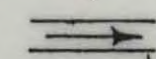
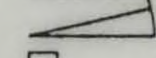
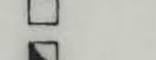
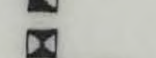

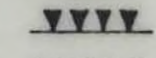
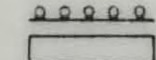
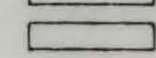






00



**LEGEND**

-  DIRECTION OF AIR FLOW
-  VENTILATION DOORS
-  RAISE UP
-  RAISE DOWN
-  RAISE UP AND DOWN
-  BULKHEAD DOORS
-  INACCESSIBLE AREA
-  BRATTICE
-  UPCAST
-  DOWNCAST

500 E.

2000 N.

2500 N.

3000 N.

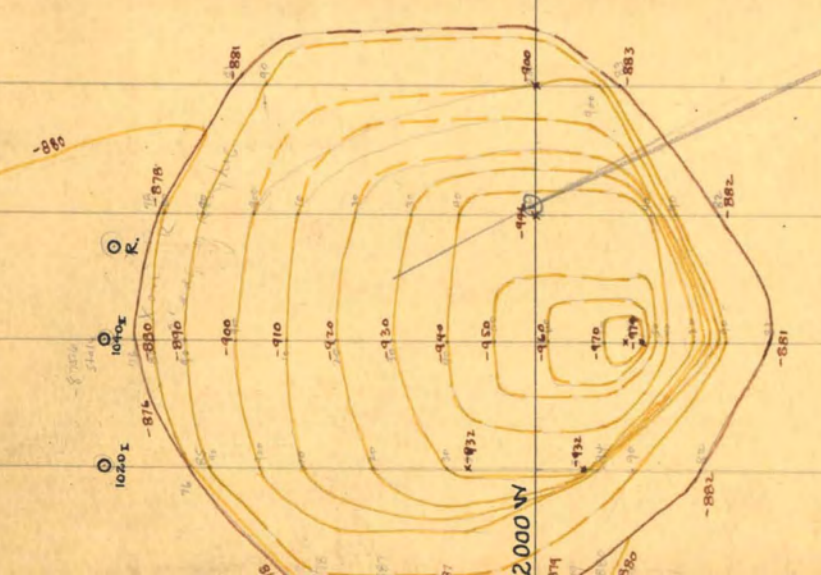
3500 N.

**MAP OF 2550 LEVEL  
SHOWING  
AIR FLOW DIRECTIONS  
AND  
EMERGENCY FACILITIES  
SCALE: 1"=100 FT.**

JPS



1040-N FILL QUARRY



1700 W

1750 W

1800 W

1850 W

1900 W

1950 W

2000 W

1700 N  
1680  
1660  
1640  
1620  
1600 N  
1580  
1560  
1540  
1520  
1500 N  
1480  
1460  
1440  
1420  
1400 N  
1380  
1360  
1340  
1320  
1300 N  
1280  
1260  
1240  
1220  
1200 N  
1180  
1160  
1140  
1120  
1100 N  
1080  
1060  
1040  
1020  
1000 N

Supply House

ELECTRIC SHOP

MINE SUPPLY

GRANT HOUSE

BLACKSMITH SHOP

MILL

MACHINE SHOP

WATER TOWER

WATER TOWER

DATE: Nov. 1924 SCALE: 1" = 30'  
STERLING MINE GEOLOGICAL  
1000-N TO 1700-N  
THE NEW JERSEY ZINC CO.  
PT. ONR. GEOL. AWB. ONR.  
S: 144-16W 7-AA-1668



LEGEND

- [Symbol] Kittatiny domitic limestone
- [Symbol] Hardyston quartzite
- [Symbol] Hornblende gneiss
- [Symbol] Graphitic gneiss
- [Symbol] Quartzitic gneiss
- [Symbol] Garnet gneiss
- [Symbol] Pink and white gneiss Series
- [Symbol] Chlorite gneiss
- [Symbol] Biotite gneiss
- [Symbol] Franklin limestone
- [Symbol] Byram gneiss
- [Symbol] Lasee gneiss
- [Symbol] Mount Eye granite
- [Symbol] Pegmatite
- [Symbol] Black Rock

- [Symbol] Fault
- [Symbol] Air photo lineament
- [Symbol] Magnetic line

Rev. Mar. 1952  
 Date Jan. 1950 Scale: 1"=1000'  
**SURFACE GEOLOGY**  
 Franklin  
 THE NEW JERSEY ZINC CO.  
 Dr. JMH 7-AB-2266

## New Jersey Zinc Mine at Sterling Hill Boreholes

Hole #	N	W	Z	Length	
S-5		1252	435	-1073	1410'
S-33		1200	806	-2088	212'
S-56		1200	179	-2394	426'
S-58		900	490	-2393	259'
S-109		1335	764	-1696	450'
S-110		1211	574	-1894	250'
S-138		1049	899	-1513	273'
S-144		950	1084	-1336	277'
S-153		2772	103 (E)	-3146	182'
S-154		2860	544 (E)	-2838	1791'
S-155		2791	282	-2845	483'
S-156		2858	550 (E)	-2838	4784'
S-240		1570	645	-2087	91'
S-250		2526	486	-2386	1005'
S-257		1639	534	-2186	70'
S-262		1588	305 (E)	-2186	4652'
S-263		1559	153	-2850	71'
S-276		1799	154	-2464	
S-284		1740	369	-2599	
S-286		1200	267	-2092	150'
S-288		2997	175	-2090	70'
S-290		1320	356	-3498	
S-292		1319	356	-2692	142'
S-300		960	825	-2096	340'
S-304		801	944	-1594	275'
S-308		1300	447	-1993	376'
S-343		2946	325 (E)	-3442	166'
S-344					
S-351		1640	254	-2389	97'
S-362					319'
S-363		1023	257	-2393	259'
S-401		1140	189	-2496	110'
S-402		1340	681	-2189	155'
S-403		1444	494	-2185	159'
S-404		1444	496	-2184	155'
S-405		1550	438	-2189	89'
S-421-2		1540	379	-2491	176'
S-424		1300	256	-1796	120.5'
S-427		1498	108	-2708	97'
S-432		1460	93	-2708	111.5' -150'
S-449		1037	1008	-1598	45' -91'
S-450		1045	1005	-1598	56' -82'
S-451		1037	1005	-1598	49' -88'
S-452		1020	1034	-1515	63.5'-101'
S-453		1020	1034	-1512	63'-134'
S-454		1360	741	-1790	57'-76'
S-455		1335	927	-1790	93' -221'
S-457		1335	927	-1790	60' -220'
S-459		1300	554	-2287	43' -112'
S-460		1540	544	-2186	90' -148'
S-461		1444	495	-2183	81' -130'
S-462		990	1091	-1424	60' -100'
S-463*					85'-113'
S-465*					101'-208'
S-466*					56'-126'
S-467*					85'-125'
S-468*					95'-132'
S-115-b		1589	298 (E)	-2849	2992'
F-155	750S	2727E		663	1965'
F-156	1744S	1680E		607	1686'