No. Pages : 4

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TOP SECRET

TALENT

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

LENINOGORSK LEAD PLANT
LENINOGORSK, USSR

[redacted]

CONTAINS SENSITIVE COMPARTMENTED INFORMATION HTA-M51-57

DOCUMENT NO. 15
NO CHANGE IN CLASS. ☐
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S C 2 11
NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 6/26/01 REVIEWER

22 NOVEMBER 1957

WARNING: HANDLE VIA TALENT CONTROL CHANNELS ONLY

CENTRAL INTELLIGENCE AGENCY

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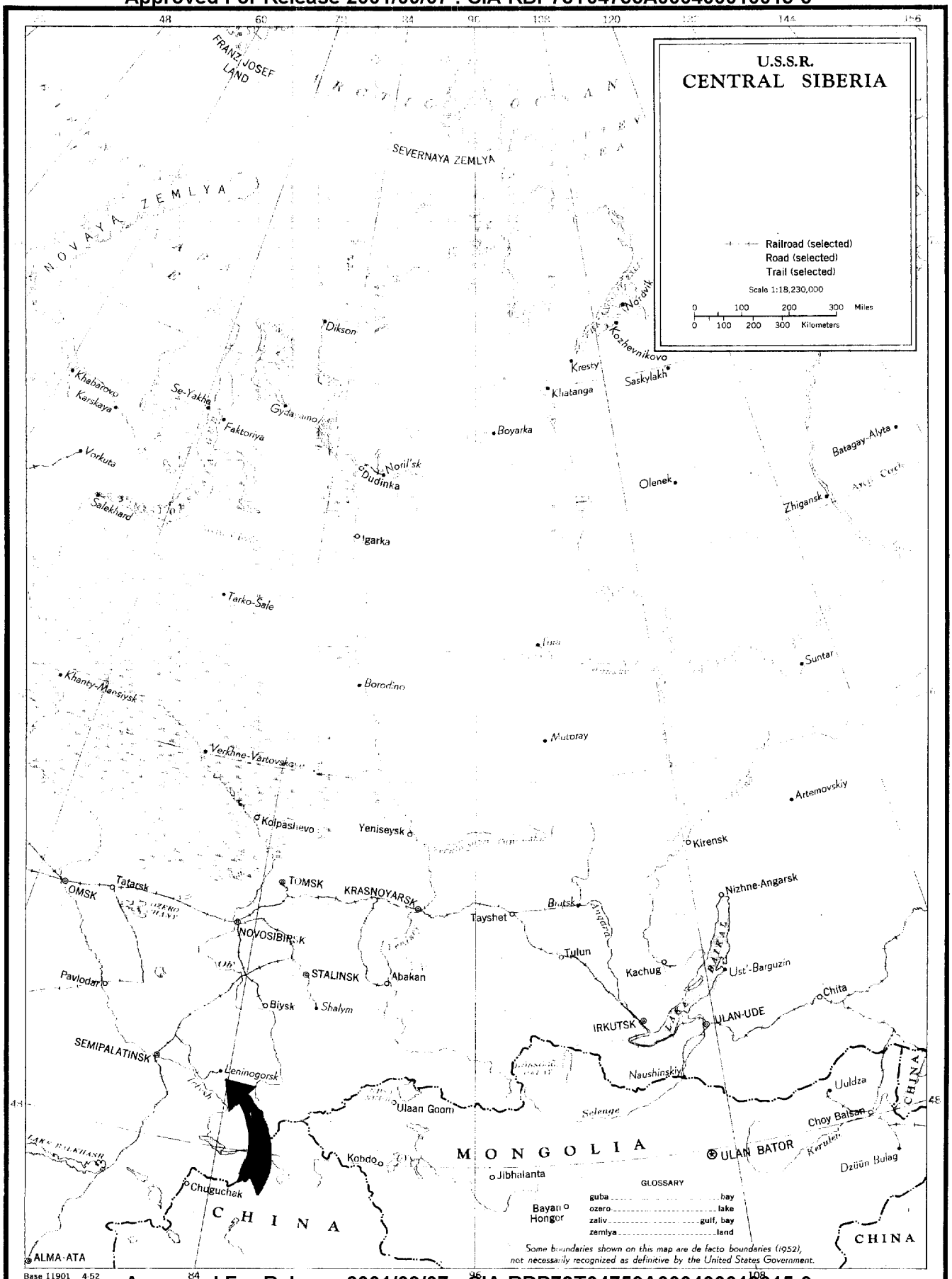
LENINOGORSK LEAD PLANT

LENINOGORSK, USSR

HTA/M-51/57

22 November 1957



LENINOGORSK LEAD PLANT

LENINOGORSK, USSR

The Leninogorsk Lead Plant is located at the site of the Ridder lead and zinc deposits in northeastern Kazakhstan, approximately 150 miles east of Semipalatinsk. It is reportedly integrated with the Ust Kamenogorsk Lead and Zinc combine, approximately 60 rail miles to the southwest, and the Glubokoye Copper and Lead Works "Irtysh", approximately 80 rail miles to the west. There is no photographic evidence of recent plant expansion. The lead-zinc ore is concentrated at an ore dressing plant at the Ridder mine, then transported by narrow-gauge railroad to the Lead Plant. The Lead Plant has facilities for fine-grinding and screening of the concentrates, sintering, blast furnace smelting, and fire refining. The fire-refined lead reportedly is cast into bar shapes and sent to Ust Kamenogorsk for further processing. Zinc is derived as a by-product, along with gold, silver, and other precious metals.

Major components of the Leninogorsk Lead Plant are identified on the following page and annotated on the aerial and ground photographs, Figure 1. The location of the Lead Plant in relation to the Ridder mine and the ore dressing plant is shown on Figure 2.

KEY TO ANNOTATIONS

1. Cottrell Treater, 125' x 50', connected by flue to sintering building.

2. Ore and flux storage and preparation buildings, 150' x 75' 140' x 60', and 100' x 50', connected to sintering building by conveyer system.

3. Sintering building.

4. Coal storage area.

5. Lead refinery, 260' x 90'.

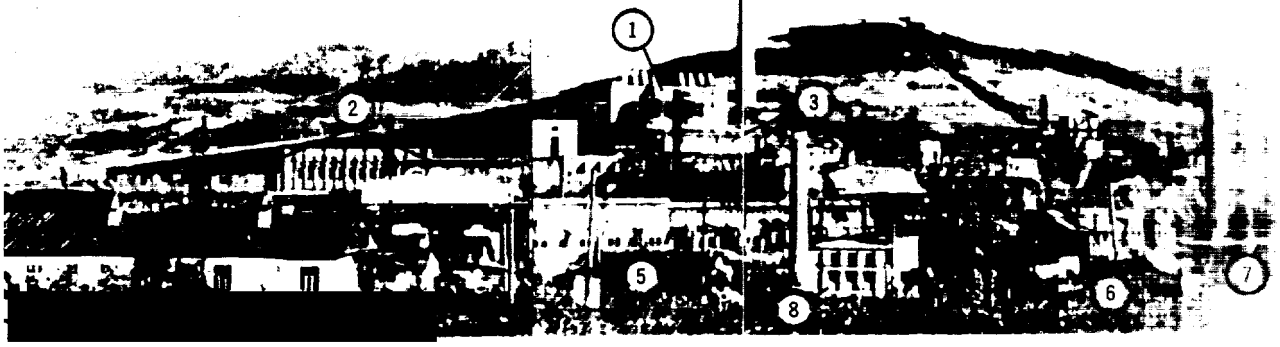
6. Blast furnace building, 225' long.

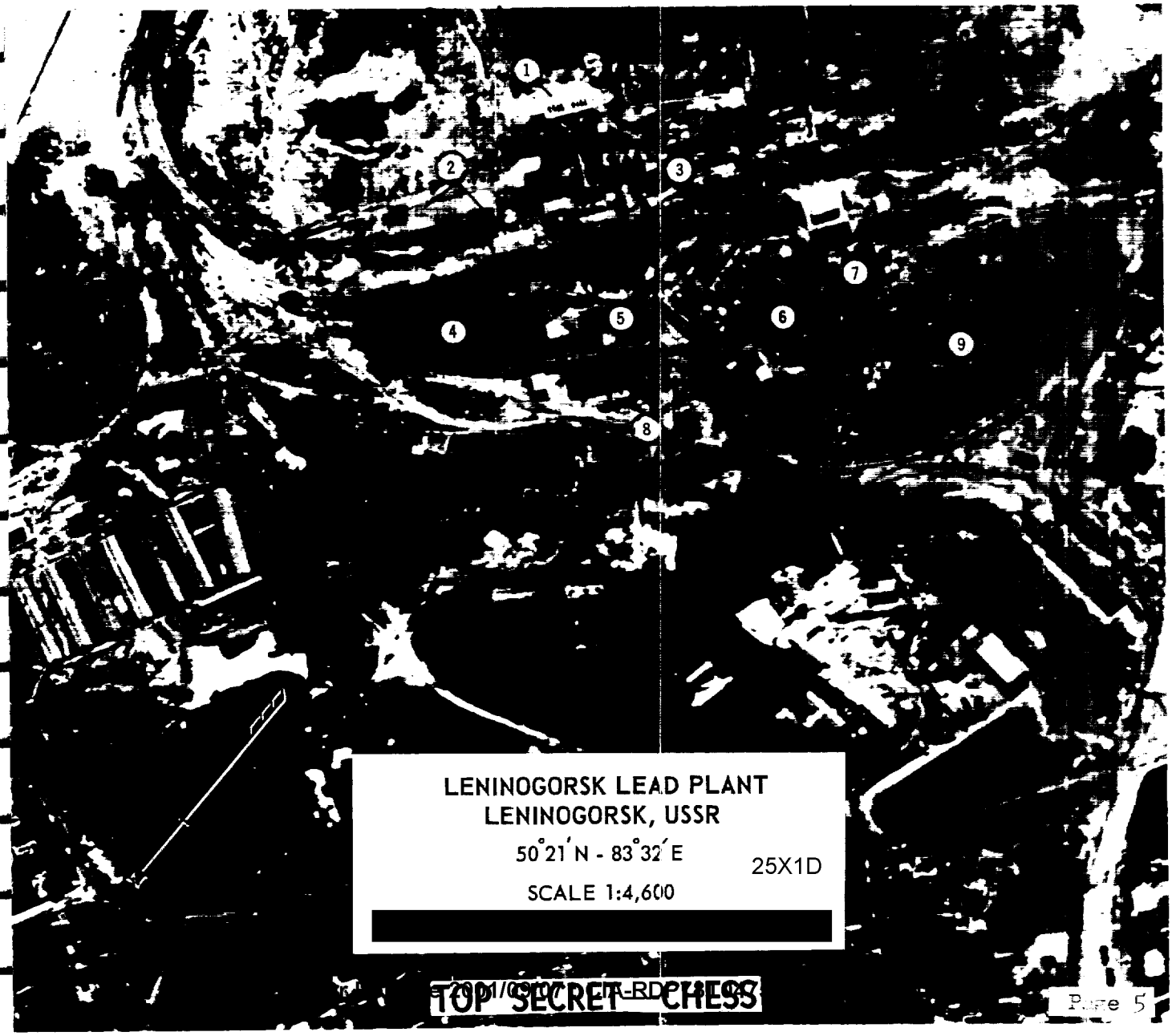
7. Baghouse, 100' x 70', connected by flue to blast furnace building.

8. Probable gas or steam plant.

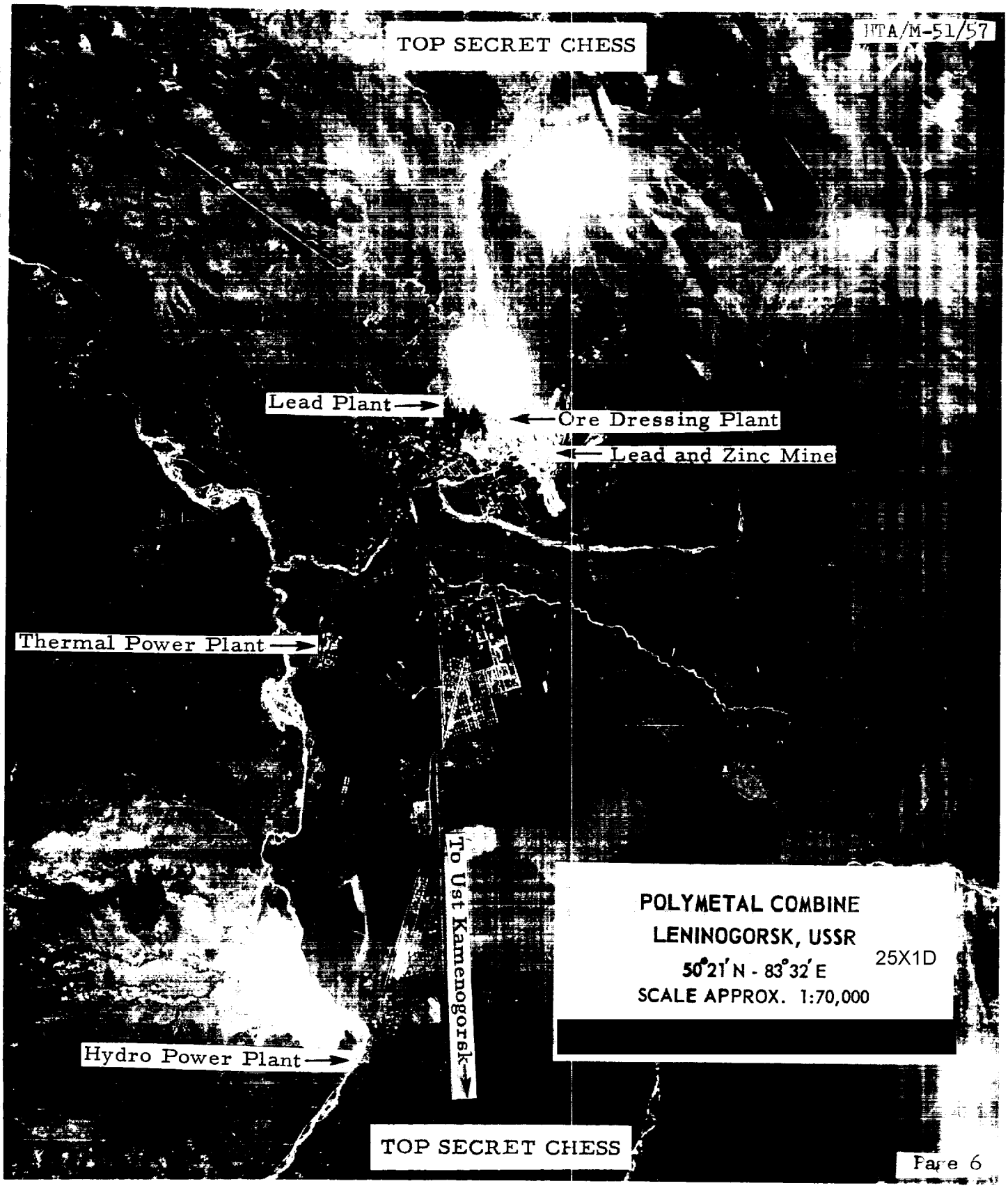
9. Slag dump. Ground activity indicates that slag is being removed and reworked.

25X1D





LENINOGORSK LEAD PLANT
LENINOGORSK, USSR
50°21′N - 83°32′E
25X1D
SCALE 1:4,600
[redacted]



REQUIREMENT: Prepared in answer to RR/HTA/E/R42/57 requesting description and layout of the Leninogorsk Lead Plant, including any evidence of plant expansion.

25X1D

[redacted]

REFERENCES:

ATMP: 0239-9994-100A, 1st Ed., May 1955
0239-9994-0-25A (Prov), 1st Ed., Jul 1954

COORDINATES: 50°21'N
83°32'E

25X1A B.E. NUMBER: [redacted]