No. Pages : _____

~~TOP~~ SECRET

COPY NO.: _____

TALENT

PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

POLYMETAL PLANT, KALININ CHIMKENT, USSR

[redacted]

CENTRAL INTELLIGENCE AGENCY

CONTAINS SENSITIVE COMPARTMENTED INFORMATION

HTA-M49-57

22 NOVEMBER 1957

WARNING: HANDLE VIA TALENT CONTROL CHANNELS ONLY

CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

~~TOP~~ SECRET

WARNING

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

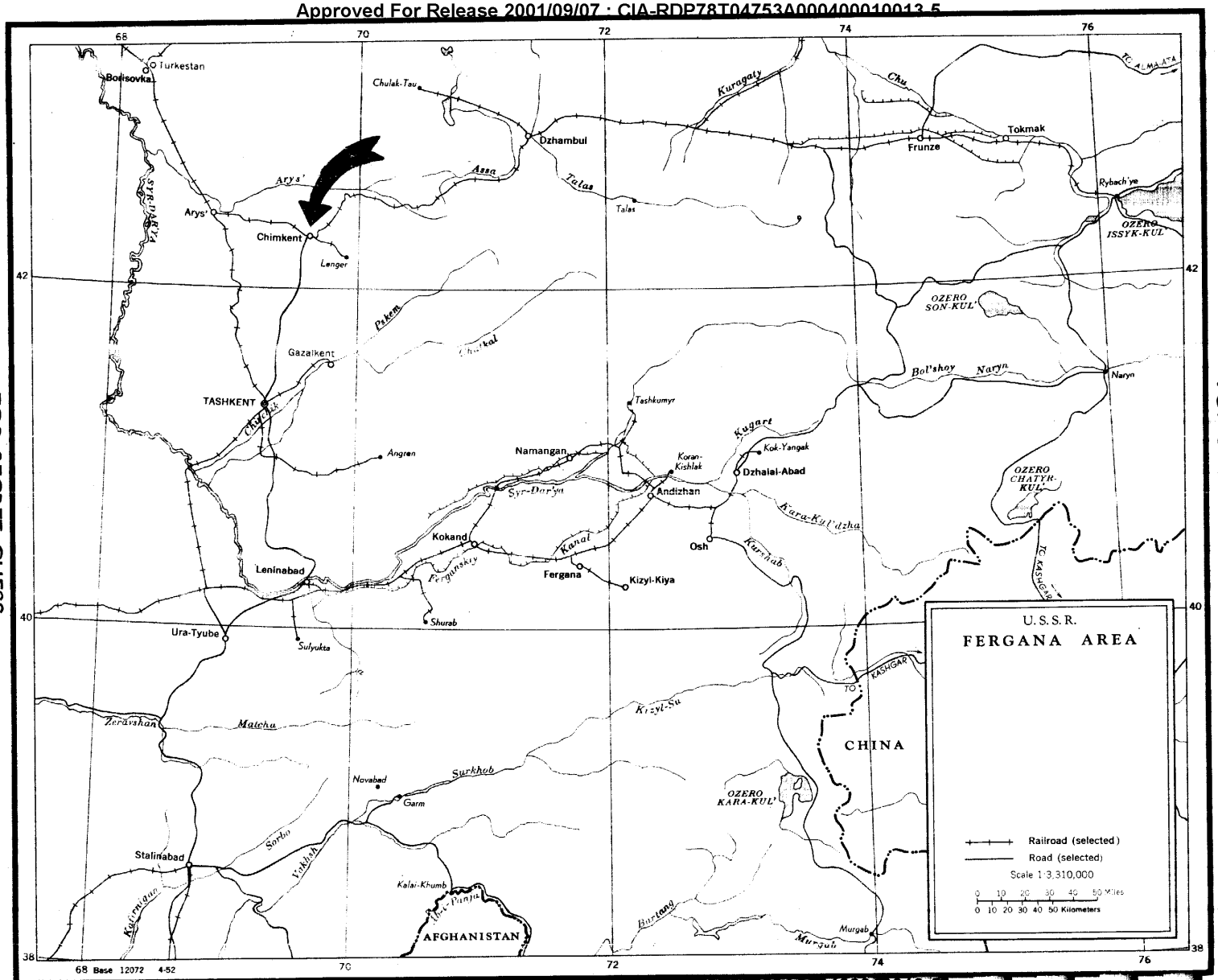
Approved For Release 2001/09/07 : CIA-RDP78T04753A000400010013-5

POLYMETAL PLANT, "KALININ"

CHIMKENT, USSR

HTA/M-49/57

22 November 1957



HTA/M-49/57

POLYMETAL PLANT, "KALININ"

CHIMKENT, USSR

Polymetal Plant, "Kalinin" one of the largest lead producers in the USSR, is located in the Kazakh city of Chimkent, approximately 70 miles north of Tashkent.

Constructed in the 1930's, this plant has facilities for storage crushing and screening, sintering, smelting, and refining of lead ores. There is a gold and silver recovery unit at the plant, and a limited amount of lead pipe and other end products are produced. However, the principal output of this plant is pig lead. There are no large rolling or milling buildings in evidence.

Primary ore sources for the plant are located in the Kara Tau and Talass mountains, north and east of Chimkent. Power is supplied by the adjacent Chimkent Thermal Power Plant, "Kalinin" [redacted] 25X1A

Major components of the Polymetal Plant are identified on the following page and annotated on the accompanying photograph.

KEY TO ANNOTATIONS

1. Slag dump.

2. Slag processing area. These buildings have no distinguishing characteristics which would enable positive identification, but the lead pipe plant is probably located in this area.

3. Small blast furnace building for recovering lead from slag.

4. Stack, approximately 250' high, for removal of furnace fumes.

5. Baghouse, 110' x 100'.

6. Sintering building, 170' x 95'.

7. Water tower.

8. Blast furnace building. Three stacks, 2 of which are emitting smoke.

9. Auxiliary buildings. One irregularly-shaped, 500' long and 55' to 80' wide; one foundry-type, 290' x 110'; one machine-shop type, 250' x 80'.

10. Thermal-electric power plant.

11. Probable pump house, 250' x 60' with wing 145' x 35'.

12. Storage building, 330' x 50'.

13. Baghouse connected by flue with blast furnace building.

14. Lead refinery, total roof area 60,400 sq. ft.

15. Open ore storage.

16. Gold and silver recovery unit, 260' x 45' with wing 125' x 50'.

17. Mixing and storage building, 225' x 50'. A conveyor leads to the sintering building (No. 6).

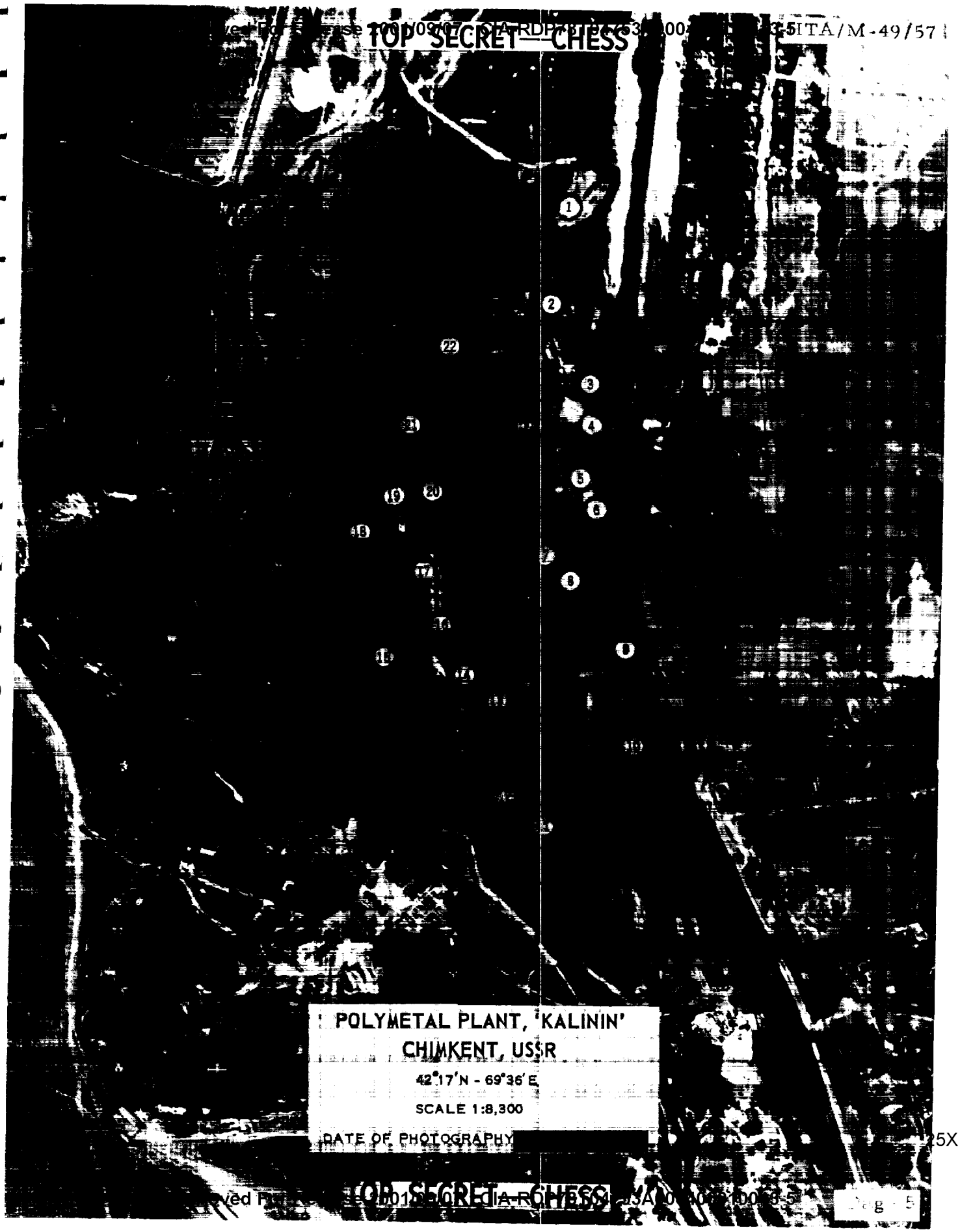
18. Open ore storage.

19. Overhead crane for ore handling.

20. Cooling pond, 50' x 35'.

21. Mixing and storage building, 450' x 95'.

22. Conveyor system with probable crushing and screening facilities.


POLYMETAL PLANT, 'KALININ'
CHIMKENT, USSR
42°17'N - 69°36'E
SCALE 1:8,300
DATE OF PHOTOGRAPHY

REQUIREMENT: Prepared in answer to RR/HTA/SI/R71/57, requesting a description of the Chimkent Polymetal Plant "Kalinin". 25X1D

[redacted]

REFERENCES:

ATMP: 0328-9995-100A, 2nd Ed., Nov 1956
0329-9995-0-25A (Prov), 2nd Ed., Nov 1956
25X1A [redacted] 21 Jul 1952.

COORDINATES: 42°17'N
69°36'E

25X1A B.E. NUMBER: [redacted]

TALENT