

No. Pages : 9

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PHOTOGRAPHIC INTELLIGENCE MEMORANDUM

ALUMINUM COMBINE STALIN
STALINSK, USSR



**CONTAINS SENSITIVE
COMPARTMENTED INFORMATION**

HTA-M48-57

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NO CHANGE IN CLASS. LI
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22 NOVEMBER 1957

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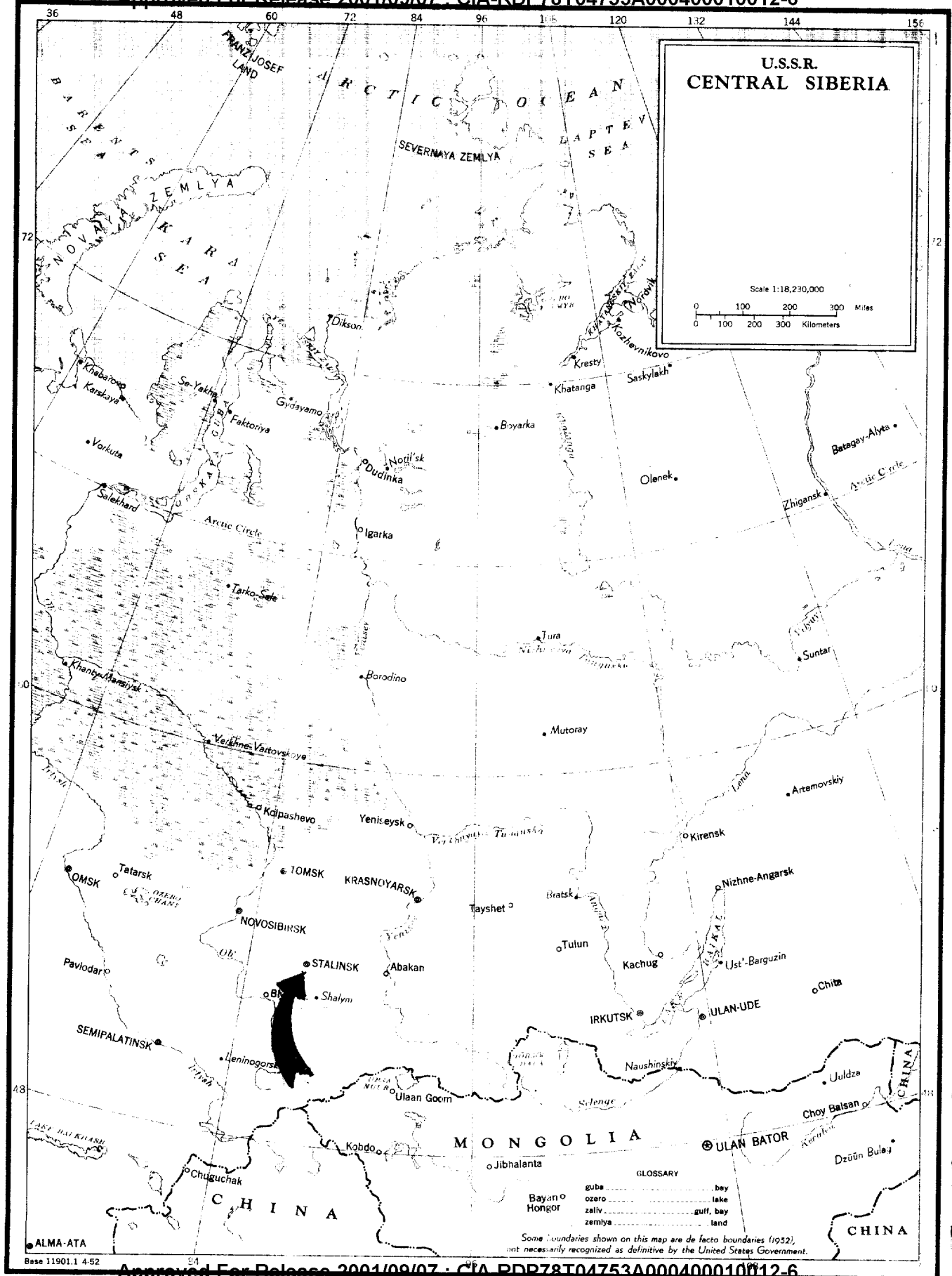
ALUMINUM COMBINE "STALIN"

STALINSK, USSR

HTA/M-48/57

22 November 1957.

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ALUMINUM COMBINE "STALIN"

STALINSK, USSR

The Stalinsk Aluminum Combine "Stalin" is located in the southeast section of Kuznetsk, an industrial suburb of Stalinsk. It is a major aluminum producer in the Soviet Union, reportedly constructed just prior to World War II.

25X1D [REDACTED] photography shows six pot rooms with total roof cover of 631,500 square feet. Analysis of collateral material indicates that four of these pot rooms, comprising 432,000 square feet of roof cover, have been constructed since [REDACTED]

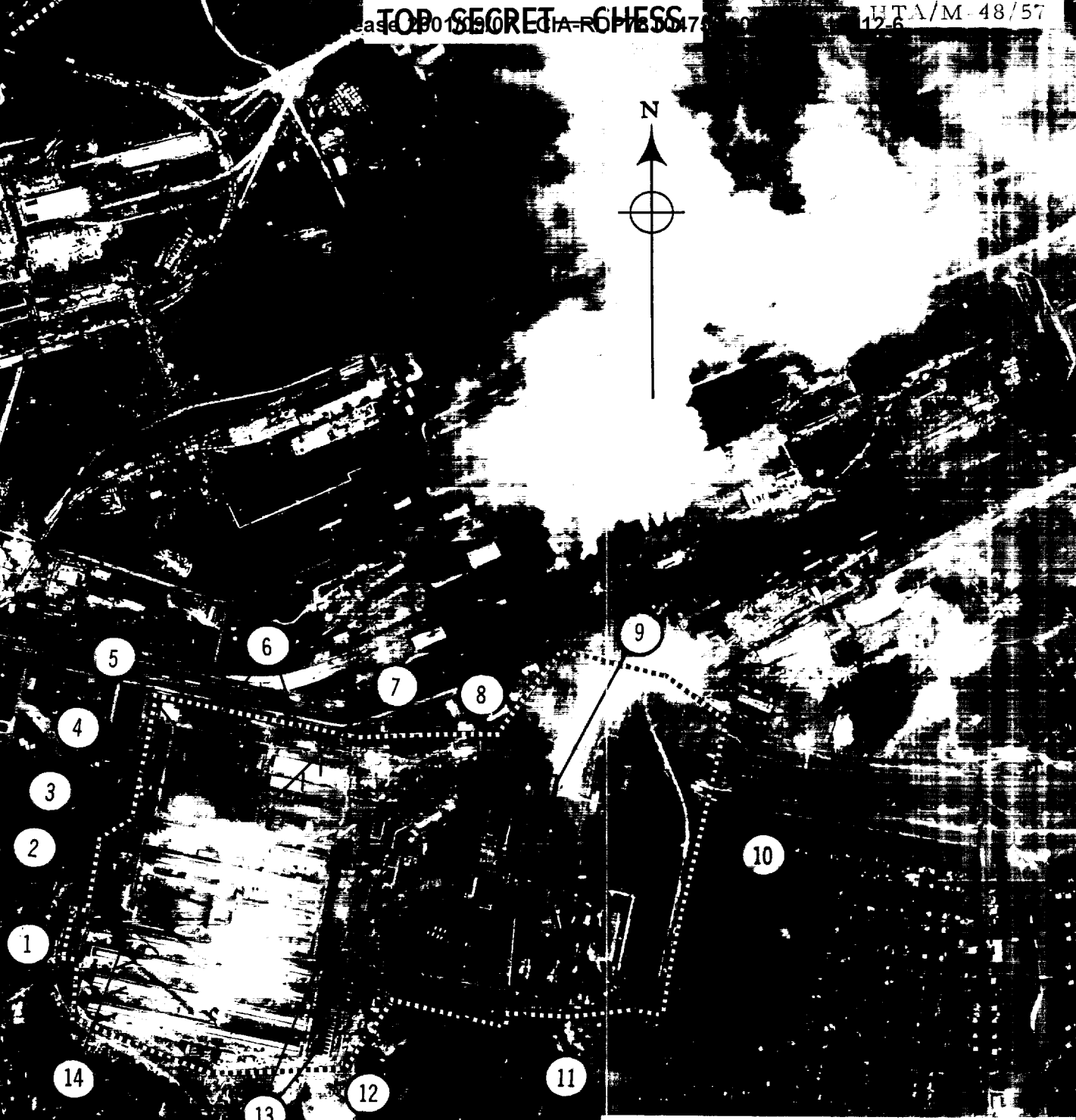
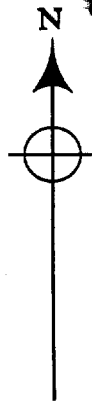
25X1D There is no photographic evidence of alumina production at this plant. Alumina is brought in by rail and stored in warehouses. Carbon electrodes are probably produced within the plant area. Power is supplied by the Stalinsk Heat and Power Plant "Aluminum" Tets, [REDACTED] 25X1A which is located adjacent to the east side of the plant. A concrete conduit connects the power station to the aluminum plant transformer building. The plant is served by both road and rail transportation, and a narrow-gauge industrial rail line serves the plant area.

The major components of the plant are identified on the following photograph and described in the accompanying annotations.

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KEY TO ANNOTATIONS

1. Administration building, 155' x 45'.
2. Casting house and rolling mill, 640' x 100' and 640' x 75'.
3. Two pot rooms, each 1050' x 95'.
4. Grinding, screening and mixing building for carbon paste plant, approximately 38,000 square feet of roof cover.
5. Probable carbon electrode plant, 530' x 90'.
6. Two reported shop buildings, 230' x 80' and 225' x 55'.
7. Three alumina storage buildings, 330' x 80', 460' x 70' and 460' x 70'.
8. Concrete conduit connecting power plant to the aluminum plant.
9. Stalinsk Heat and Power Plant, "Aluminum", Tets [REDACTED] 25X1A
10. Intake and outlet for power plant cooling system.
11. Three probable warehouse, 300' x 85', 400' x 85' and 500' x 85'.
12. Transformer building, 145' x 60'.
13. Two rectifier buildings, 620' x 85' and 670' x 85'.
14. Four pot rooms, each 1350' x 80'. New since [REDACTED] 25X1D



ALUMINUM COMBINE "STALIN"
STALINSK, USSR

53° 46' N—87° 12' E

25X1D

SCALE 1:10,800

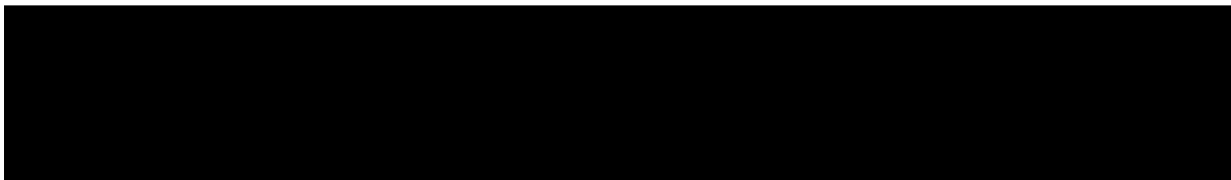
DATE OF PHOTOGRAPHY

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REQUIREMENT: Prepared in answer to RR/HTA/E/R38/57 requesting
description and layout of the Stalinsk Aluminum Combine "Stalin". 25X1D



REFERENCES:

ATMP: 0161-9998-0-25MA. 1st Ed., Jul 1955
0161-9998 TIS, 14 Jul 1951

COORDINATES: 53°46'N - 87°12'E

B.E. NUMBER: 

25X1A

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