

1830  
SR7

7  
90.20

TARGET 1830 (35° 02' N--136° 55' E) Toyoda Steel Plant: Area's appearance checks with description in reference a, page 57. No apparent increase in size.

Built on reclaimed land, the plant occupies an area of approximately 2,185,000 square feet. Eight principal buildings represent about 198,900 square feet. Reference (a) page 57 and photo 3PR5M13-3R:42.



1831

S 3

1831  
SR 3

NAGAYA

Hirano Loom Works,  
Nagaya Plant

35/07 N

136/53 E

1832  
35/21N  
136/37E  
Not Confirmed  
SR68

TARGET 1832 (35/21 N--136/37 E) Ibigawa Electro-Chemical Plant,  
Kitakinishi

Location not confirmed - this plant may be part of an industrial complex embracing Target 1822 and the Dai Nippon Chemical Plant.



Possible 1833  
Mitsubishi  
Aircraft Works  
Kamigahara  
Plant  
35/24N  
136/51E

1835  
SR 142



TARGET 1835 - Yokose Oil Storage

Location confirmed



~~1841  
SR 69  
33/57N  
131/14E~~



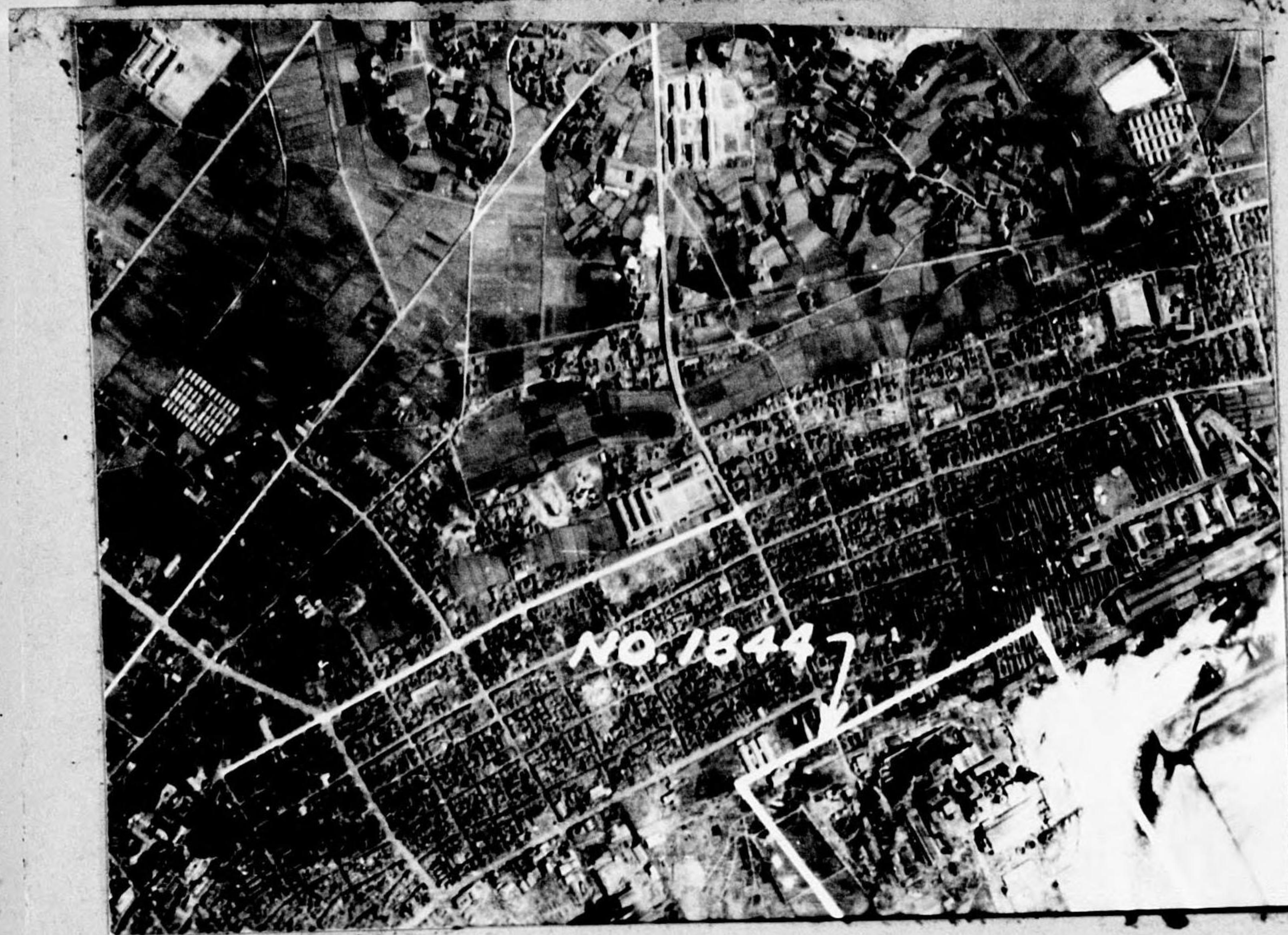
Part of 818

TARGET 1841 (33/57 N--131/14 E) Ube Coal Liquefaction Co.

Location confirmed.

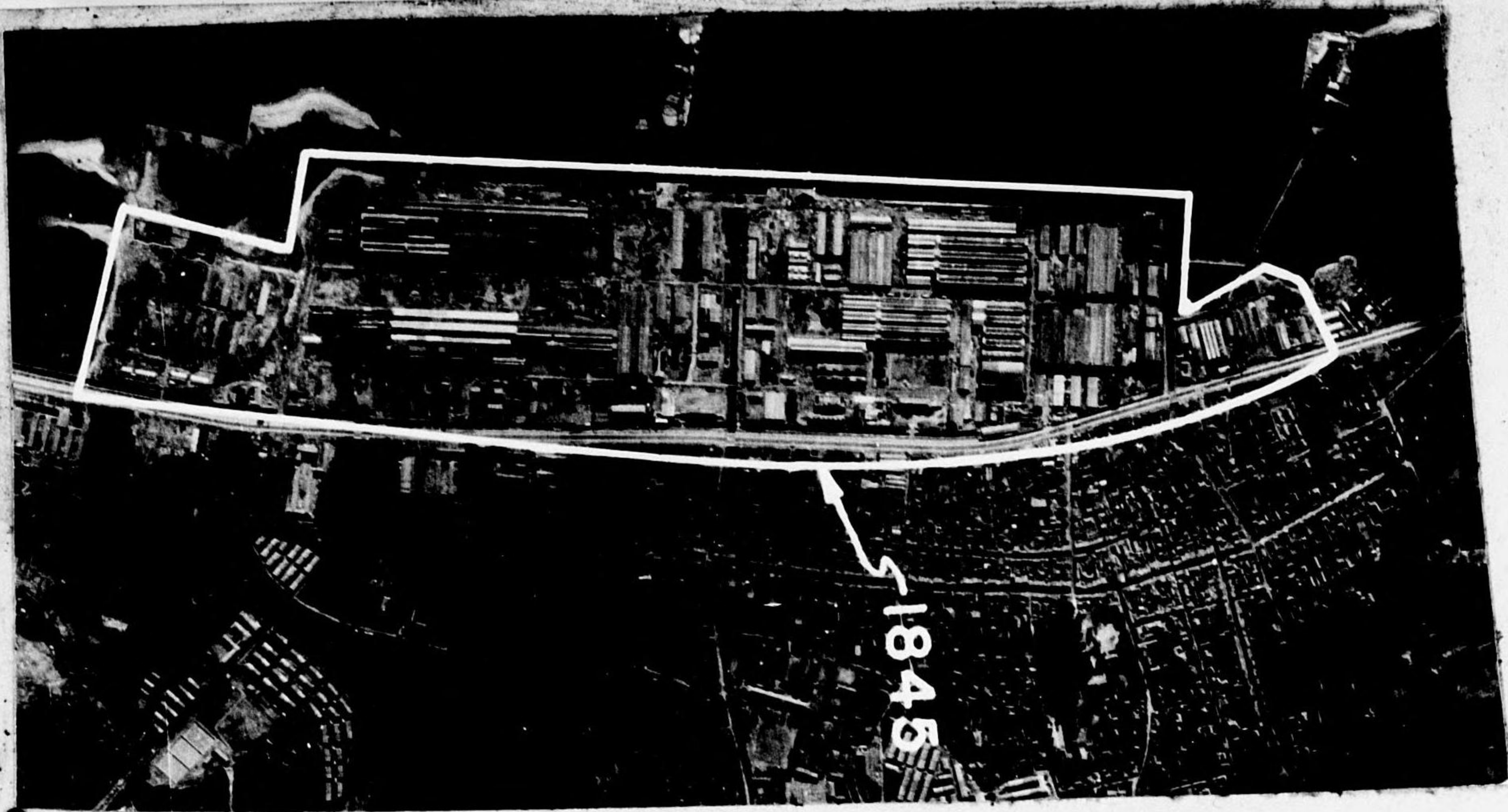
1842  
SR45  
32/44/30 N  
129/52/00 E

TARGET 1842 (32/44/30 N--129/52/00 E) Nagasaki and Dejima Wharves  
and Railroad Yards: First 3PR cover; location confirmed.



1844  
SR69  
33/56 N  
131/15 E

TARGET 1844 (33/56 N--131/15 E) Ube Soda Co.  
Location confirmed.



1845  
SR56  
34/00N  
131/00E

TARGET 1845 (34/00 N--131/00 E) Kobe Steel Works

A rectangular plant area covering 5,715,000 sq. ft., containing 15 major buildings occupying 1,386,000 sq. ft.



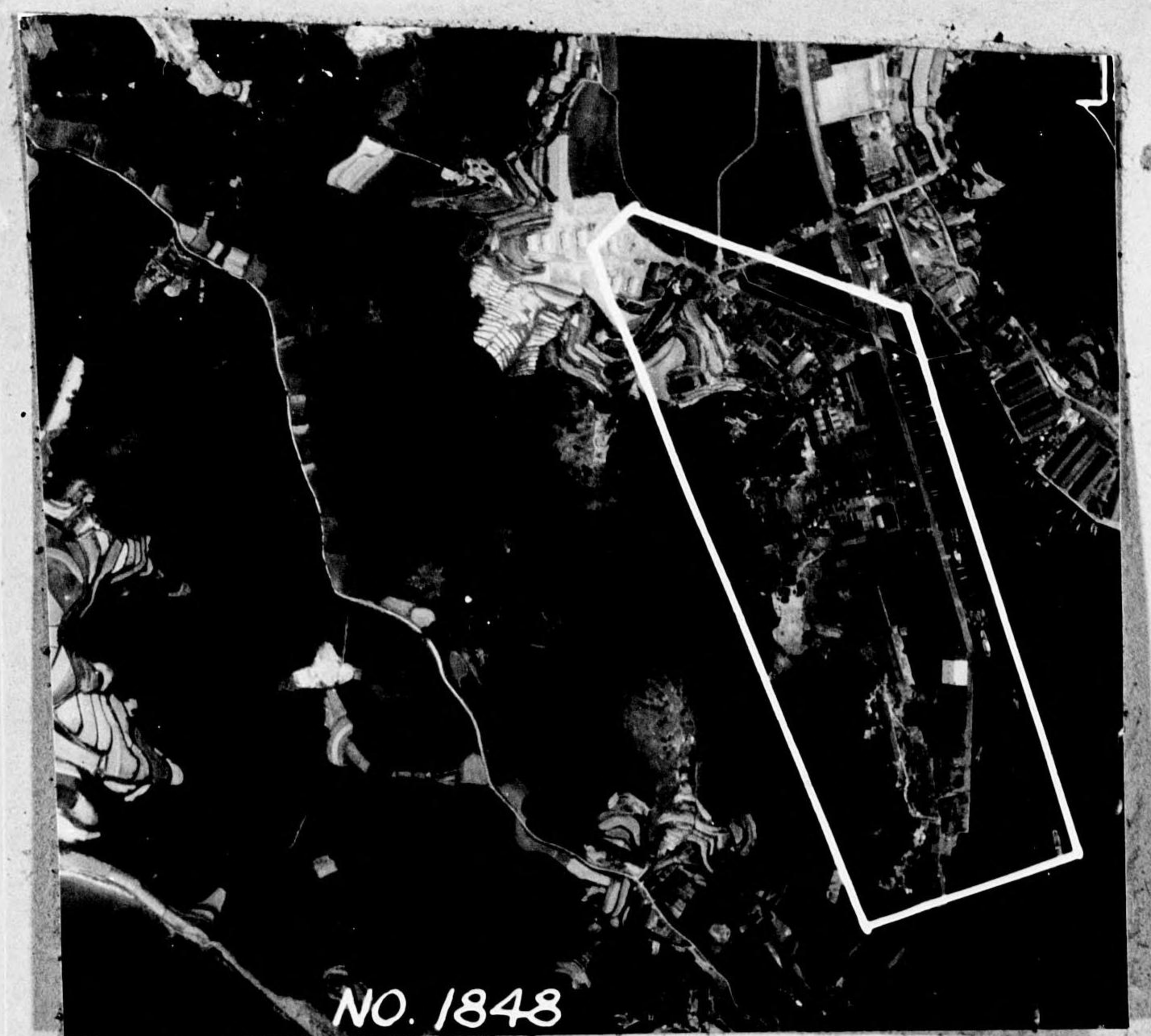
~~65~~  
1846  
SR65  
33/56N  
130/56E

TARGET 1846 (33/56 N--130/56 E) Mitsubishi Shipyards



1847  
SUPP SR 63  
33/56N  
130/54E

Mitsui Zinc Smelter



1848  
SR 69  
33/55N  
130/55E

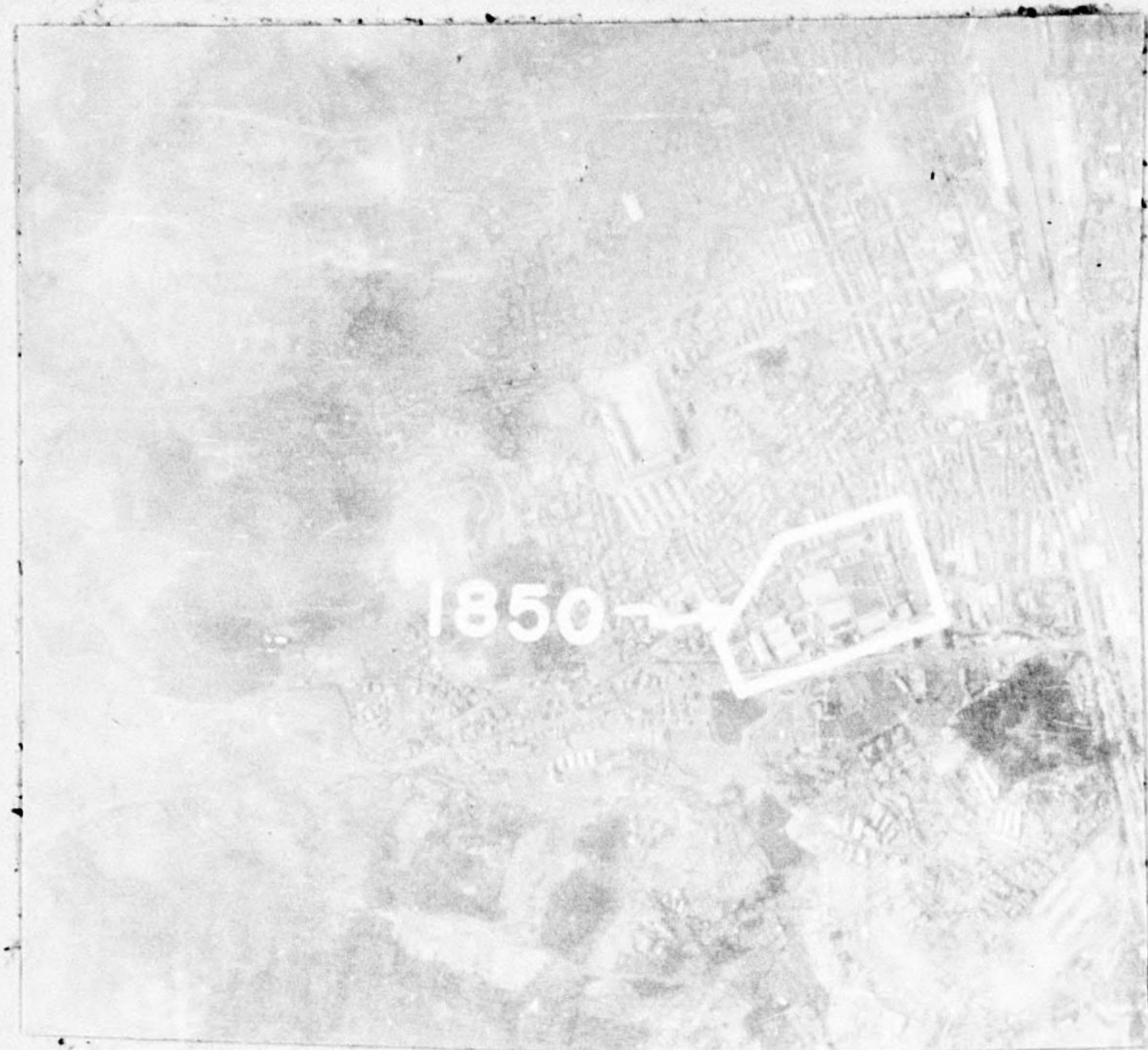
NO. 1848

TARGET 1848 (33/55 N--130/55 E) Nitto Sodium Sulphate Co.  
Location confirmed.



1849  
SUPA SR63  
33/56N  
130/54E

*Oriental High Pressure  
Industry*



1850  
SR56  
33/55N  
130/57E

TARGET 1850 (33/55 N--130/57 E) Furukawa Electric Co.

An irregularly-shaped plant area covering 228,000 sq. ft., containing 15 major buildings occupying 125,000 sq. ft. Main plant area very compact.



1851  
SR115  
33/53N  
130/49E

Target Cancelled  
DES

TARGET 1851 (33/53 N--130/49 E) Nippon Synthetic Industry

Location confirmed.



1852  
SR115  
33/53N  
130/49E

TARGET 1852 (33/53 N--130/49 E) Hitachi Machine Works, Tobata Plant

Location confirmed.





1853  
SR115  
33/54N  
130/49E

TARGET 1853 (33/54 N--130/49 E) Oriental Can. Mfg. Co.

Location confirmed.



1855  
SR56  
34/3 N  
131/46E

TARGET 1855 (33/55 N--130/57 E) Nippon Electric Metallurgical Co.

A triangular plant area covering 472,000 sq. ft., containing 15 major buildings occupying 254,000 sq. ft.

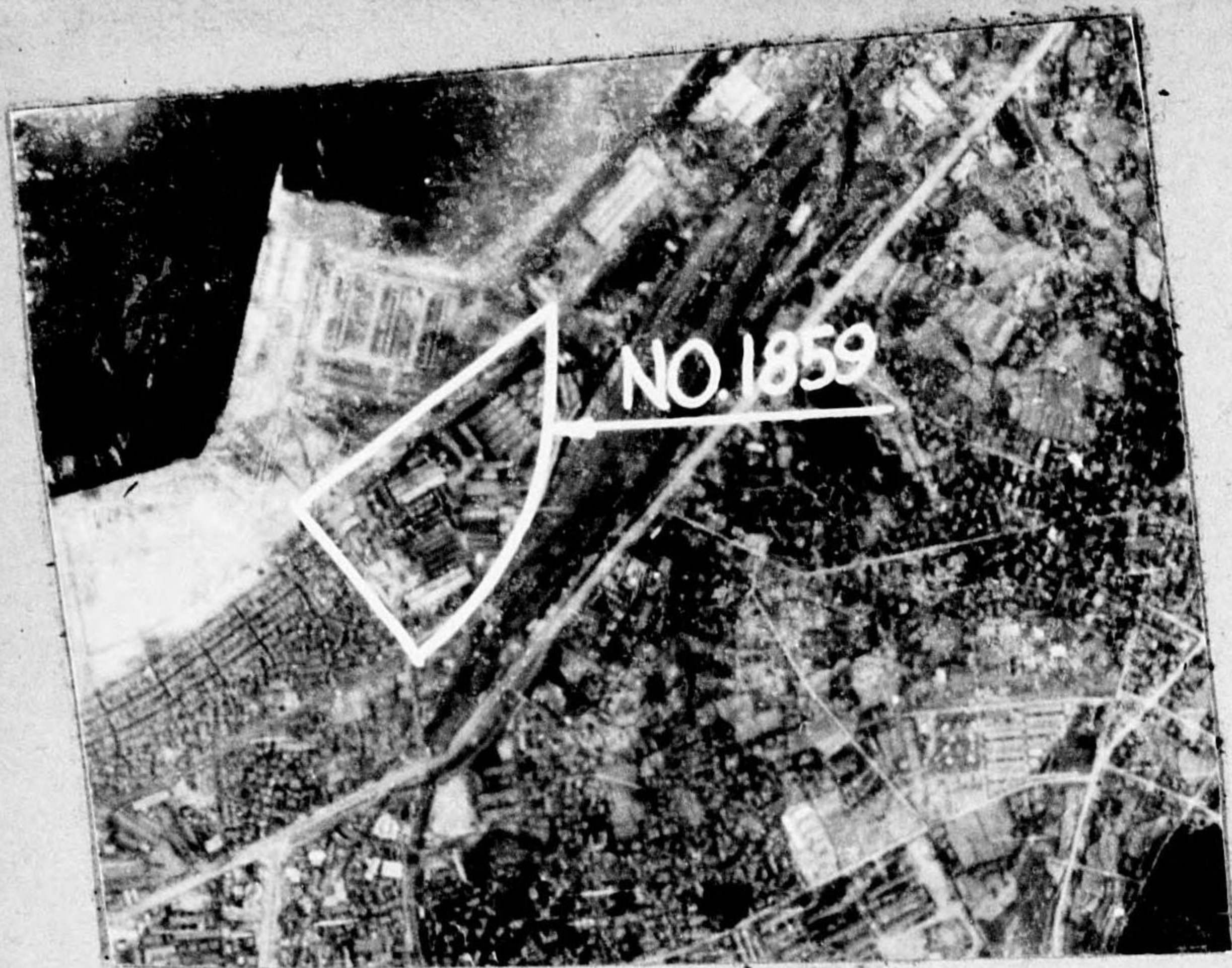
1856  
SUPP SR63  
33/53N  
130/52E



TARGET 1856 (33/53 N--130/52 E) Kyushu Special Steel Co.  
Location confirmed.

1857  
SR 72  
33/52N  
130/53E  
Not Confirmed

TARGET 1857 (33/52 N--130/53 E) Okuma Iron Works  
Target is not in location reported in reference.



1859  
SR72  
33/53N  
130/54E

TARGET 1859 (33/53 N--130/54 E) Tokyo Rope Mfg. Co.

Location confirmed.



1860  
SR72  
33/54N  
130/51E

TARGET 1860 (33/54 N--130/51 E) Oriental Special Castings Co.

Location differs from that listed in reference, being 2900' NNW of the site mentioned, on the S side of the RR, between Targets 1594 and 177.



1861  
SR 115  
33/55N  
130/49E

TARGET 1861 (33/55 N--130/49 E) Hitachi Machine Works, Wakamatsu Plant  
Location confirmed.

90.34 - 1865  
SR. 212  
HOKOKU CEMENT Co.  
3PR5M214-IV:57



1866  
SR72  
33/53N  
130/53E

Tgt too large for Card

TARGET 1866 (33/53 N--130/53 E) Kokura Harbor Installations  
Location confirmed.

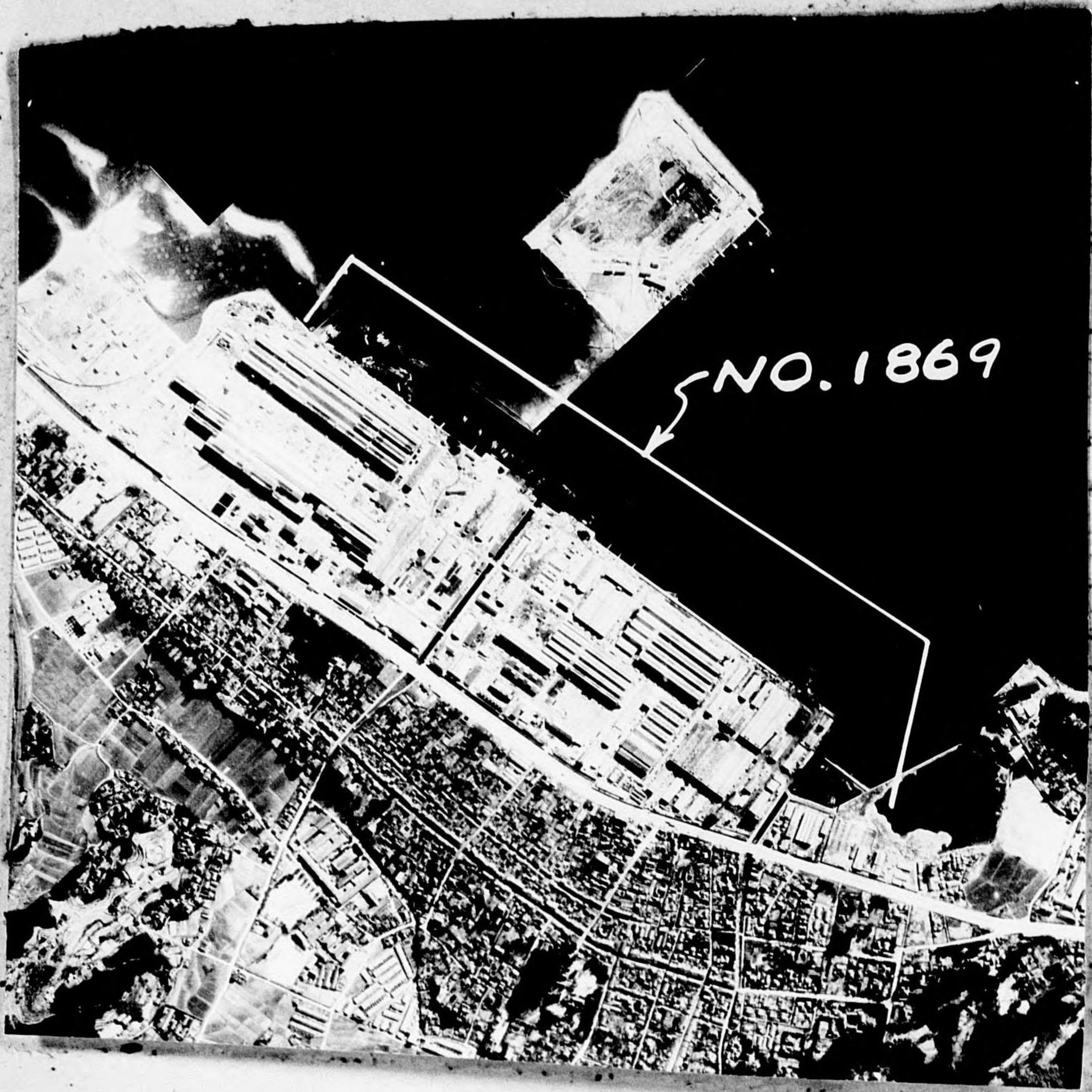
90.34-1867

SR. 212

KANDA PORT

3PRSM214-11:57

REFER TO: 90.34  
1865



1869  
SUPP. SR 63  
34/00 N  
131/00 E  
Chofu Port



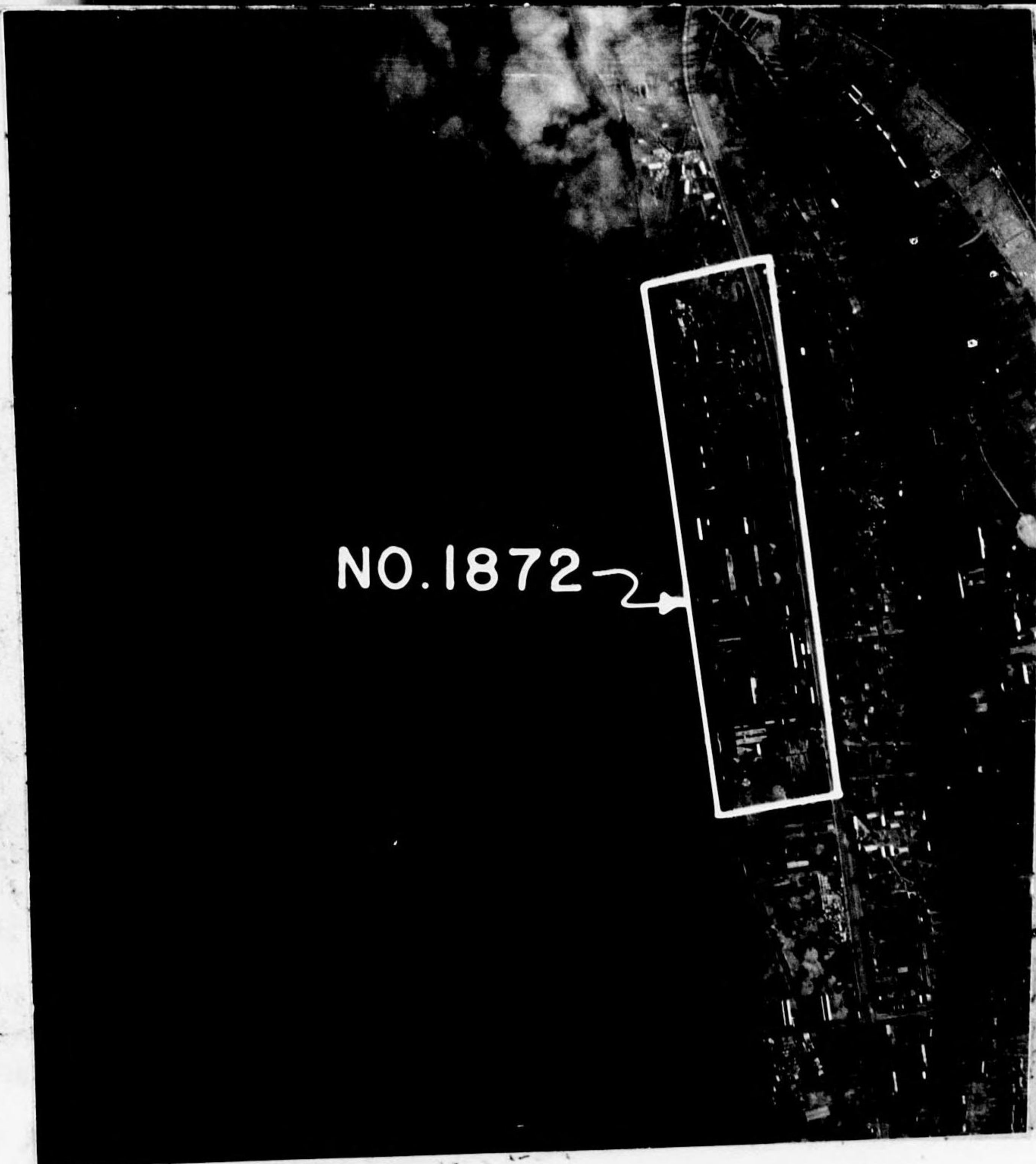
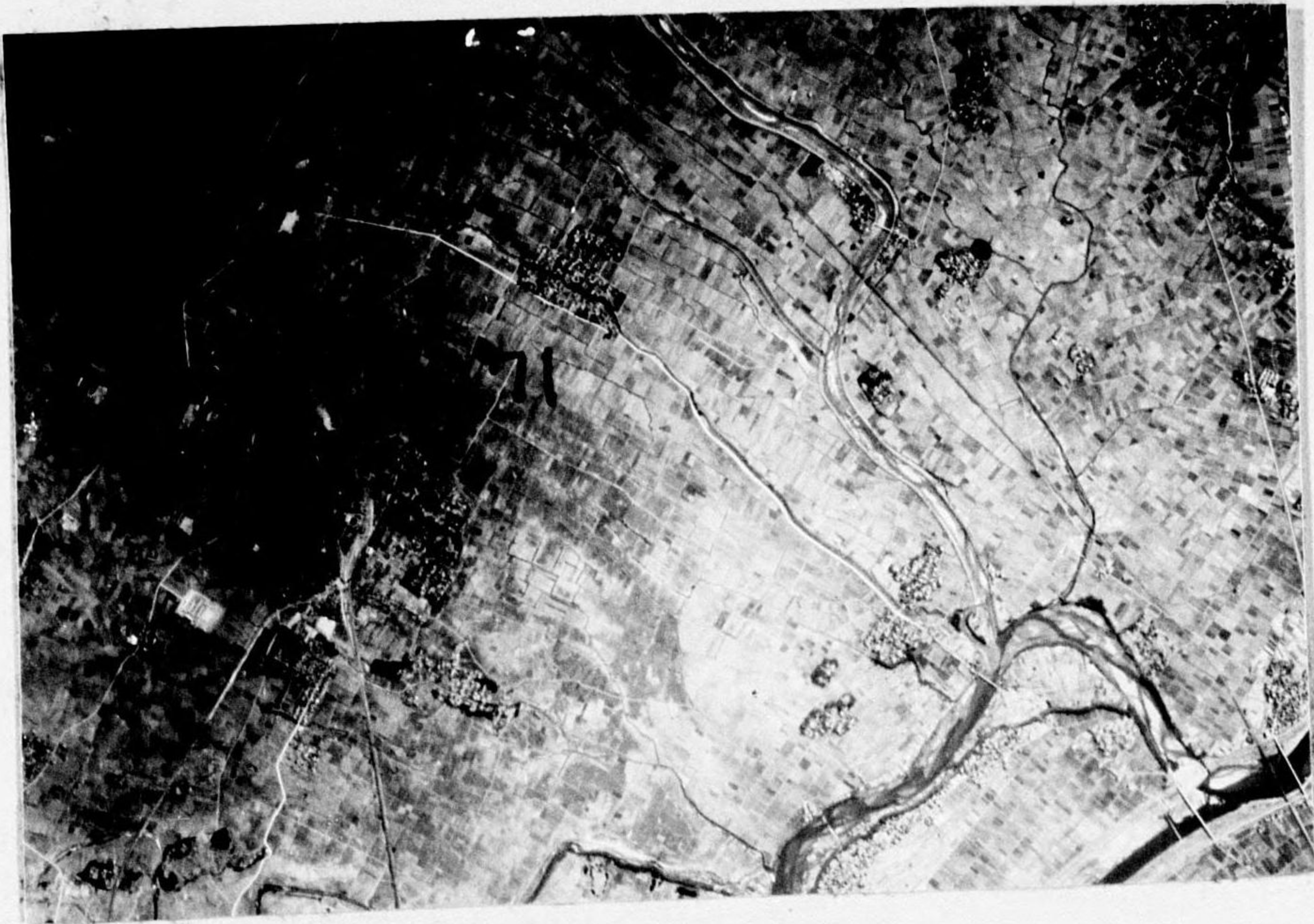
1870  
33/24 N  
130/37 E  
SR 63

TARGET 1870 (33/24 N--130/37 E) Tachiarai Machine Works  
A rectangular target area covering 2,400,000 sq. ft., containing 9 major buildings 212,000 sq. ft. - located IW of the landing field at Target 1236.

90.35-1871  
SR. 212

TOSU R.R. YARDS &  
REPAIR SHOPS

3PR5M103-IV:65



1872  
SR44  
33/38 N  
130/25 E

NO. 1872 →

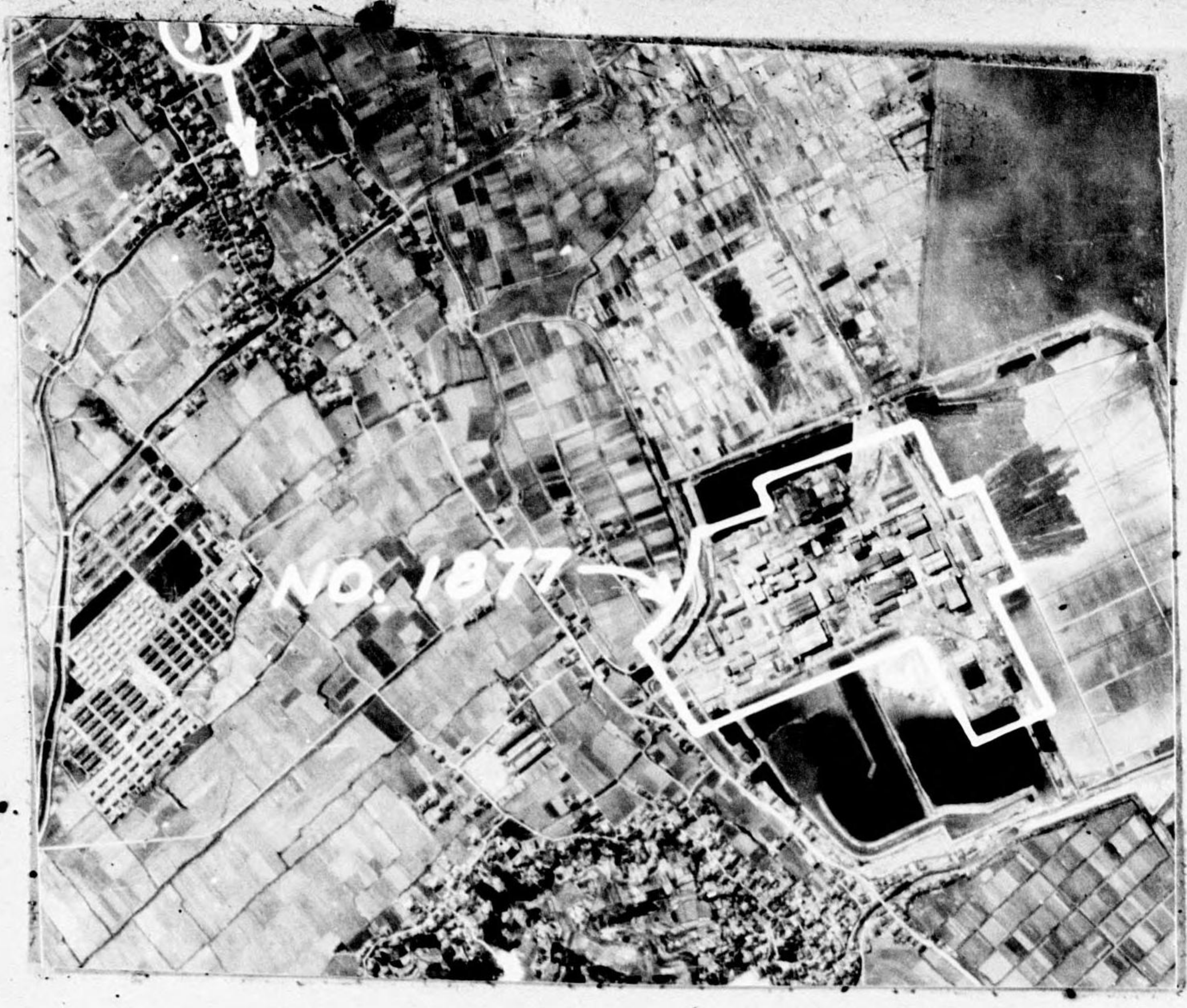
TARGET 1872 (33/38 N--130/25 E) Shows Iron Works

Plant is located on shore NE of site mentioned in reference.  
A rectangular plant area covering 1,450,000 sq. ft., containing 6 major  
buildings occupying 110,000 sq. ft.



1873  
SR74  
33/36N  
130/27E

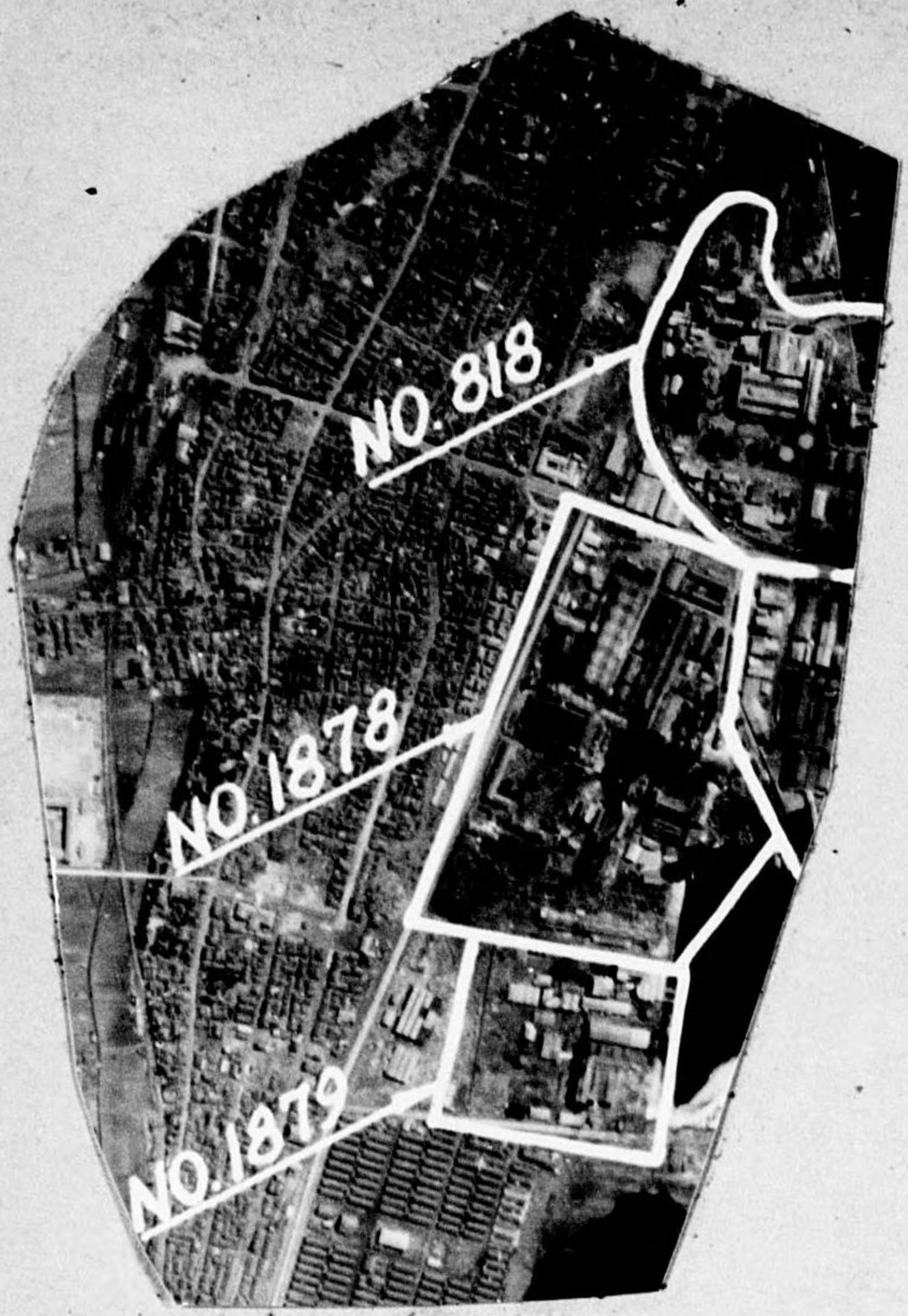
TARGET 1873 (33/36 N--130/27 E) Tatara Machinery Works  
Location confirmed.



1877  
SR81  
33/03N  
130/28E

TARGET 1877 (33/03 N--130/28 E) Toyo Aluminum Co. (Alumina plant)  
Location confirmed.





1878  
SR69  
33/57 N  
131/14E

TARGET 1878 (33/57 N--131/14 E) Uba Iron Works

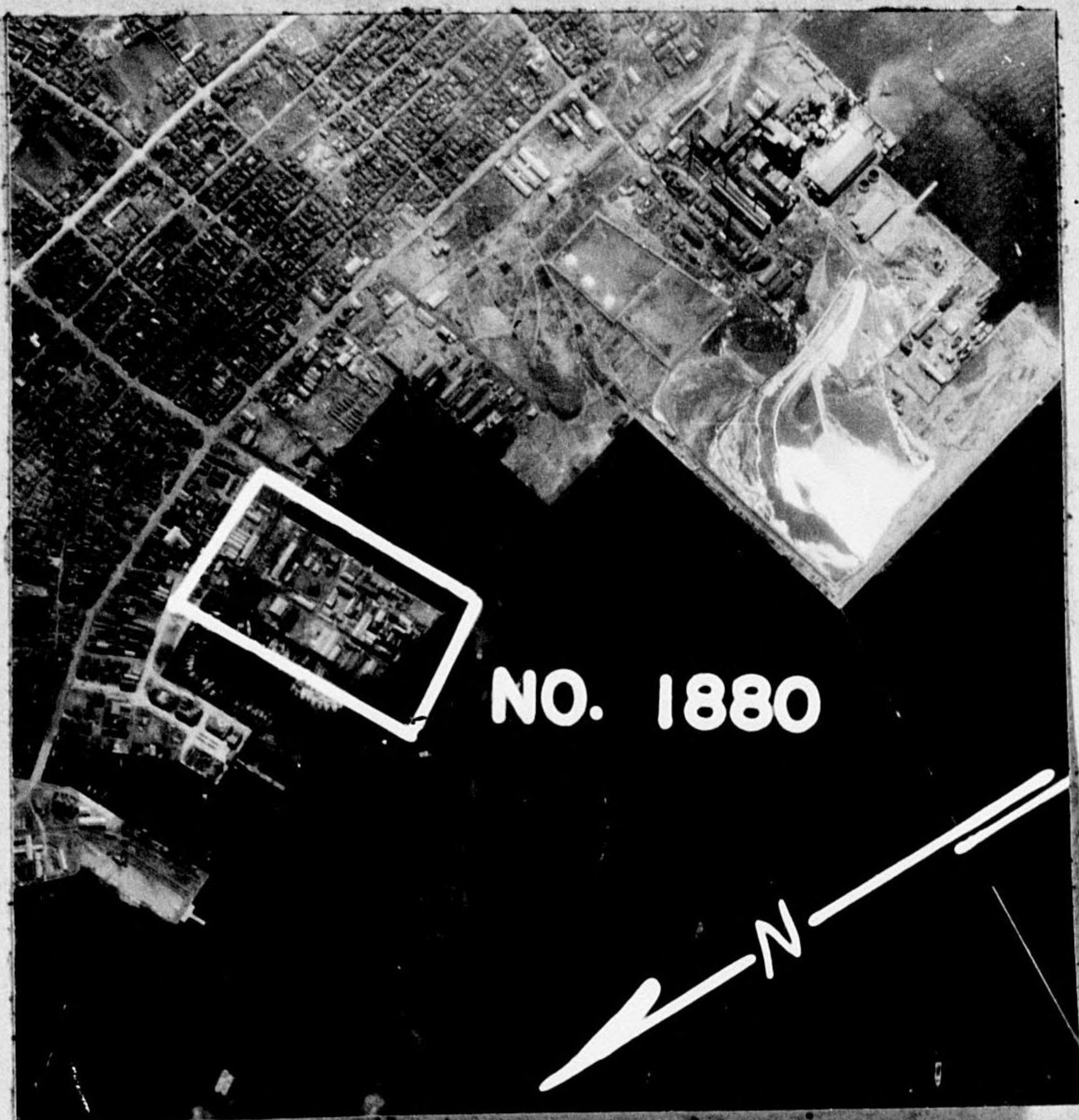
Location confirmed.

1879  
SR69  
33/57 N  
131/14E

TARGET 1879 (33/57 N--131/14 E) Titanium Industry Co.

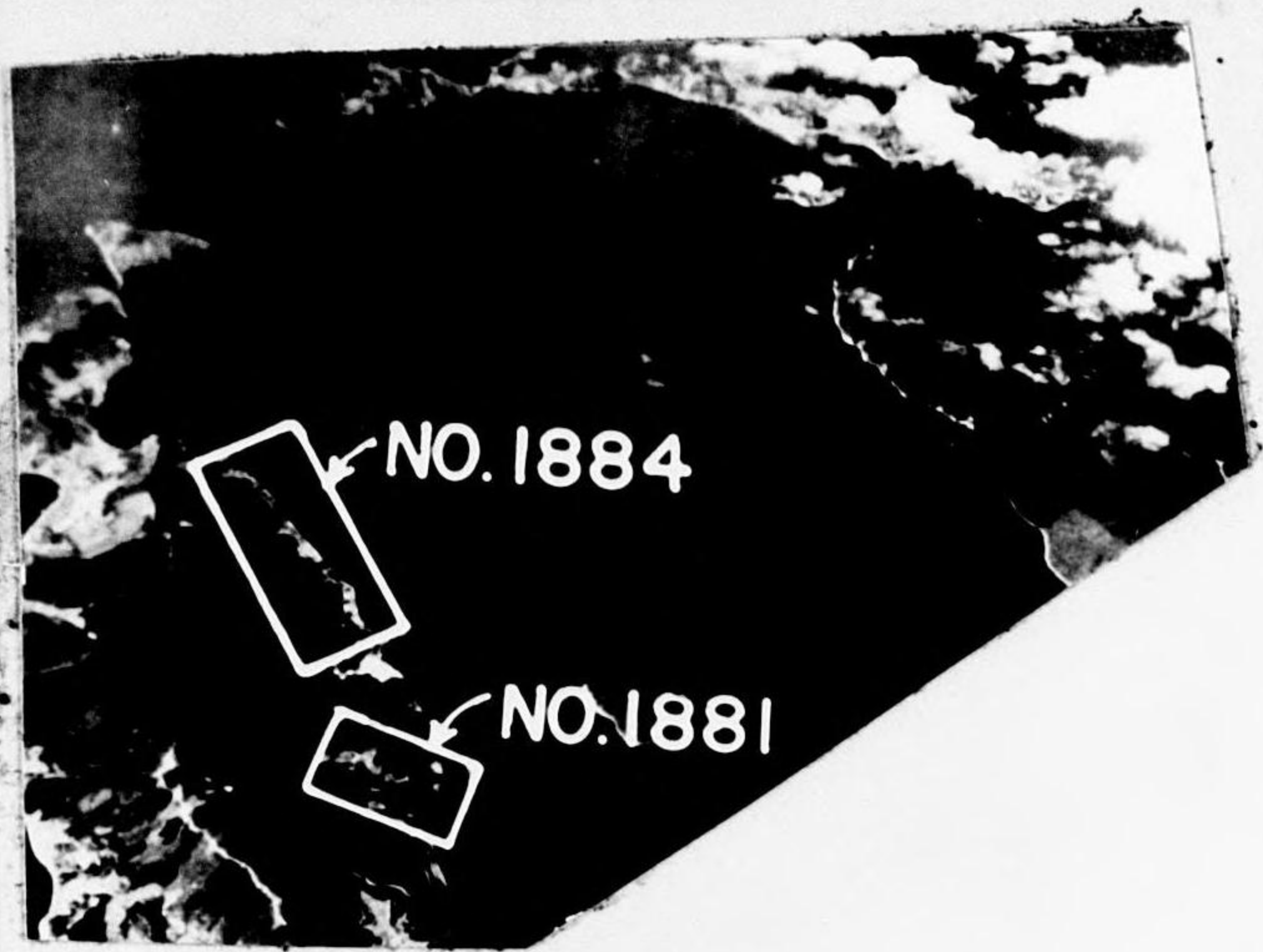
Location confirmed.

1880  
SR90  
33/56N  
131/15E



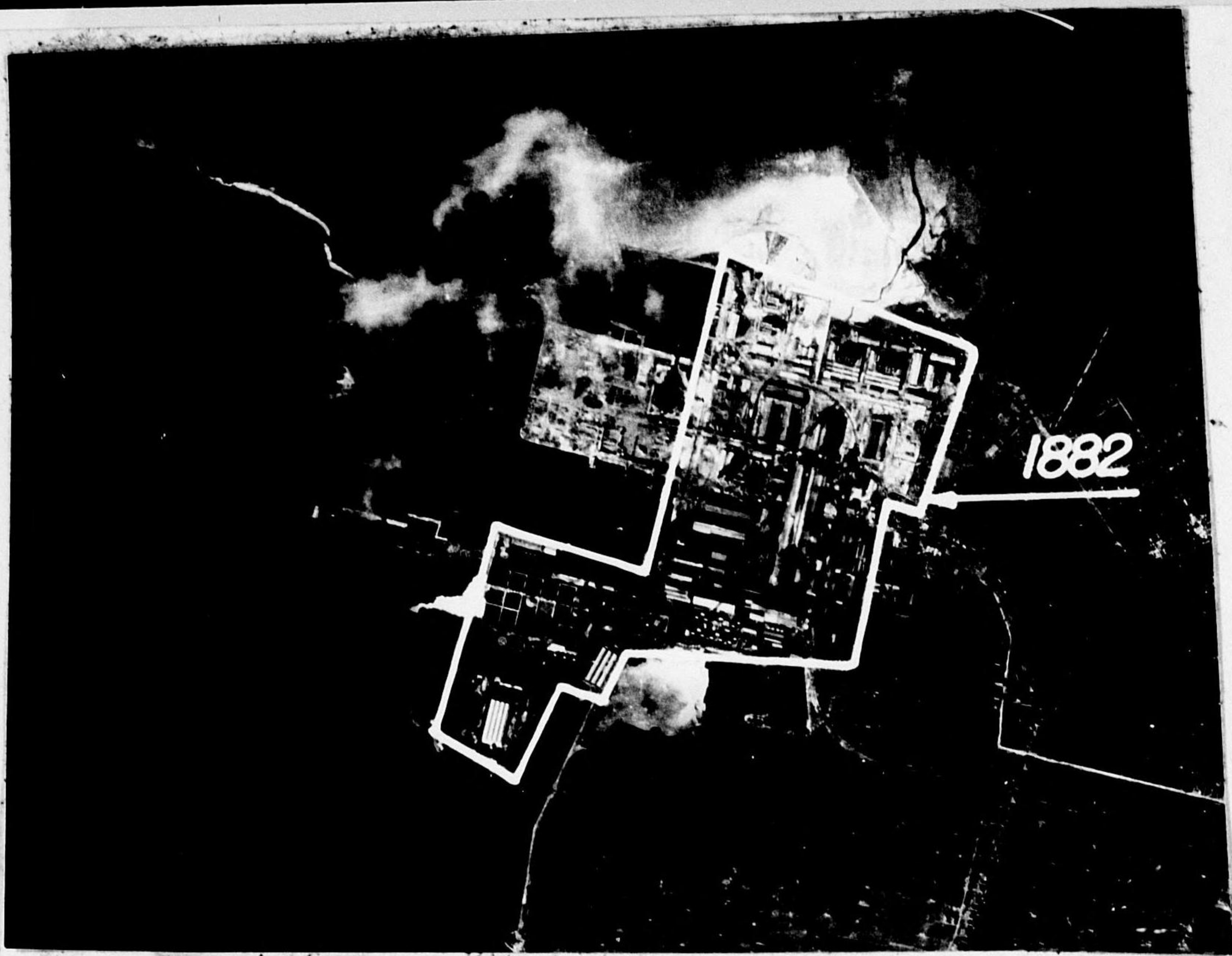
TARGET 1880 (33/56 N--131/15 E) Nippon Motor Oil Co.  
Location confirmed.

#1881  
SR28



TARGET 1881 (34/01 N--131/49 E) Tokuyama Sheet Iron Co.

1882  
34/03 N  
131/46 E  
SR56



TARGET 1882 (34/03 N--131/46 E) Toyo Soda Plant

An irregularly-shaped plant area covering 3,425,000 sq. ft., containing 15 major buildings occupying about 1,500,000 sq. ft. Plant has expanded from the 900,000 sq. ft. listed in reference to its present size.



1882  
SR28

TARGET 1882 (34/03 N--131/46 E) Toyo Soda Industry Co.

Location confirmed.



28  
1883  
SR28

TARGET 1883 (34/00 N--131/52 E) Toyo Steel Plate Co.  
Location confirmed.

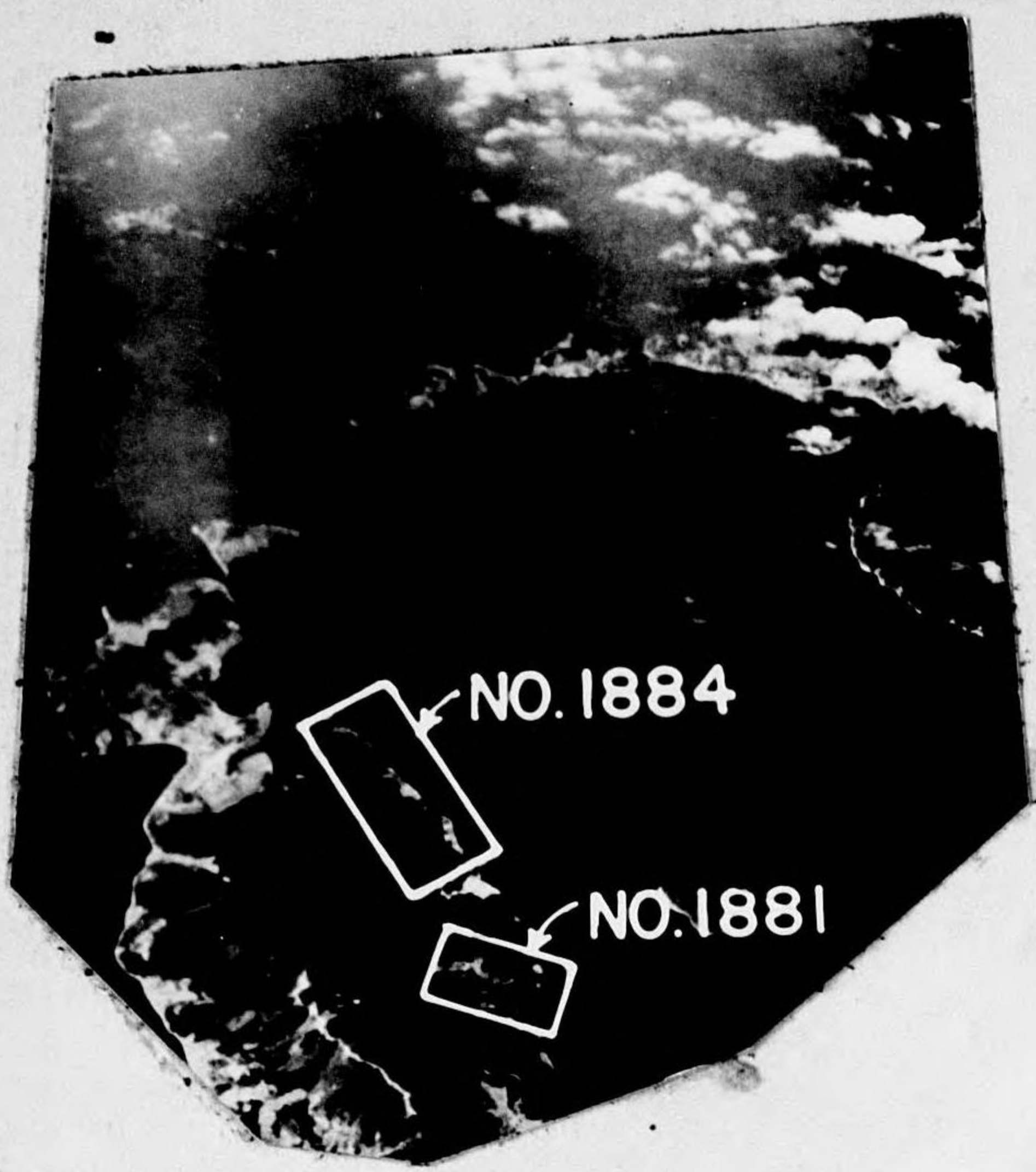
90.32 1883  
SR 216



34/00 N  
131/52 E

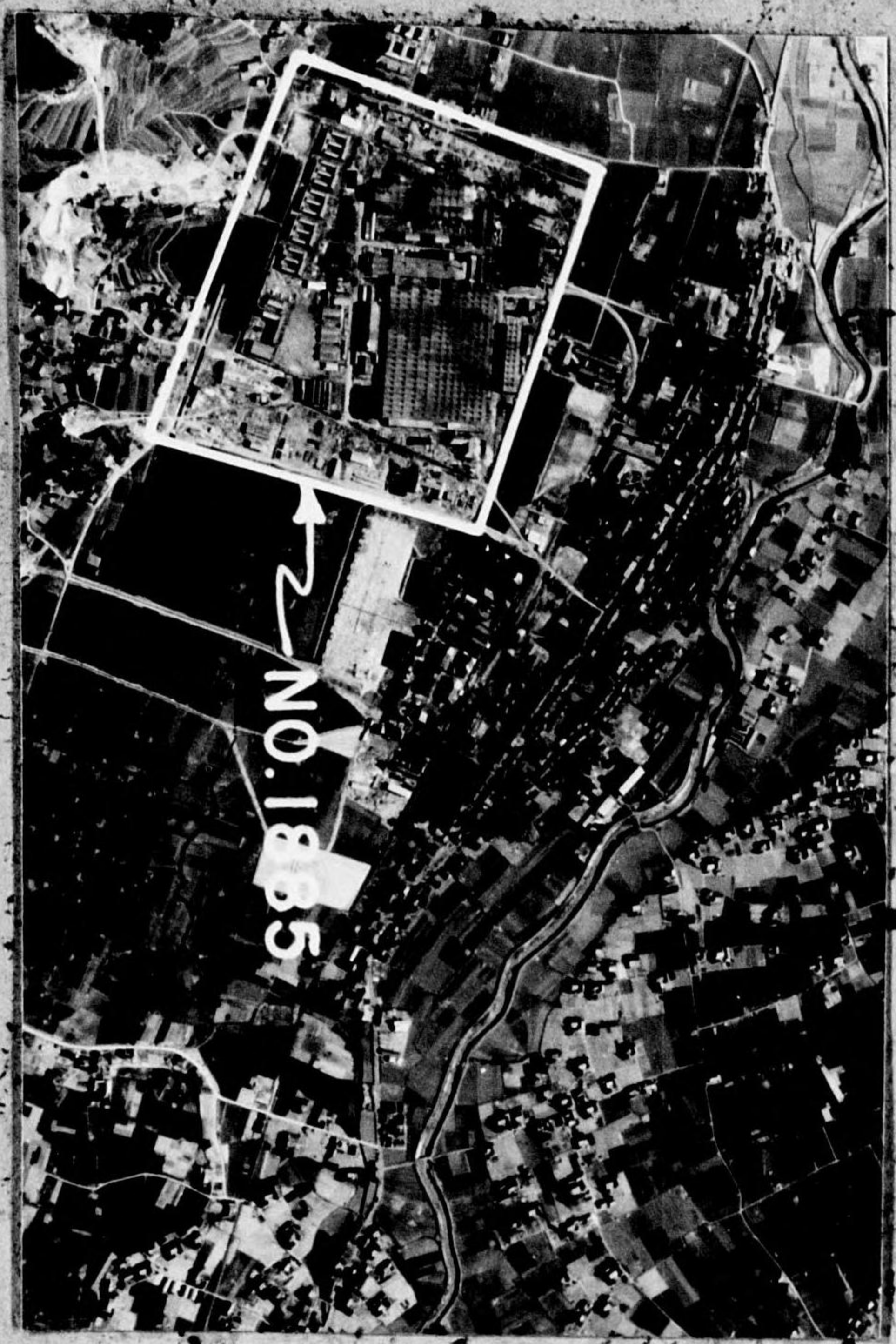
TARGET 1883, TOGO STEEL PLATE COMPANY (34/00 N--131/52 E): Location confirmed. In a roughly rectangular area of about 1,327,500 square feet, 12 main buildings cover about 393,868 square feet. The plant is highly concentrated. Reclamation is probably in progress in the S corner of the plant area. The plant is in operation.

1884<sup>28</sup>  
SR28

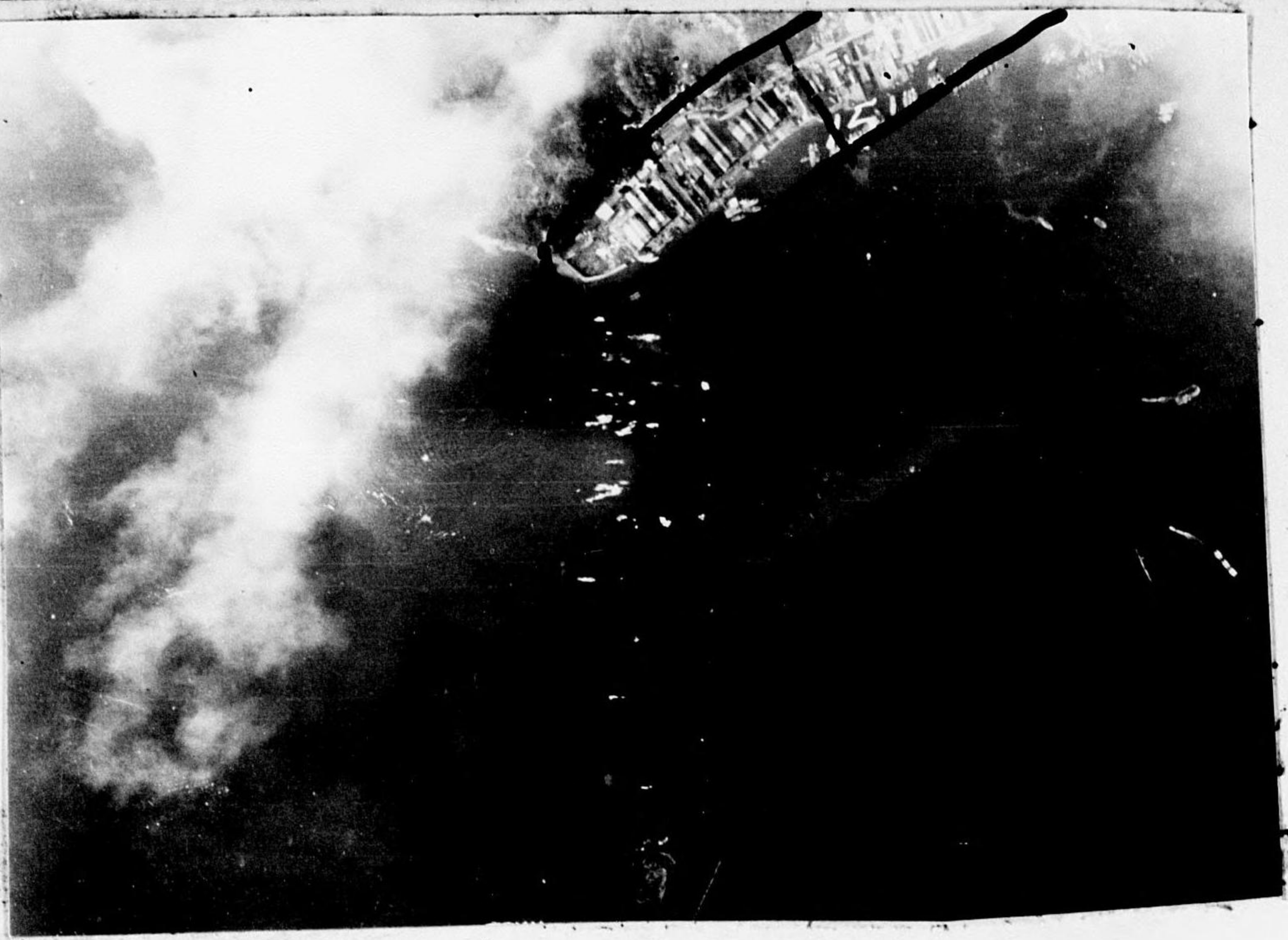


TARGET 1884 (34/00 N--131/48 E) O Shima Naval Oil Storage  
Location confirmed.

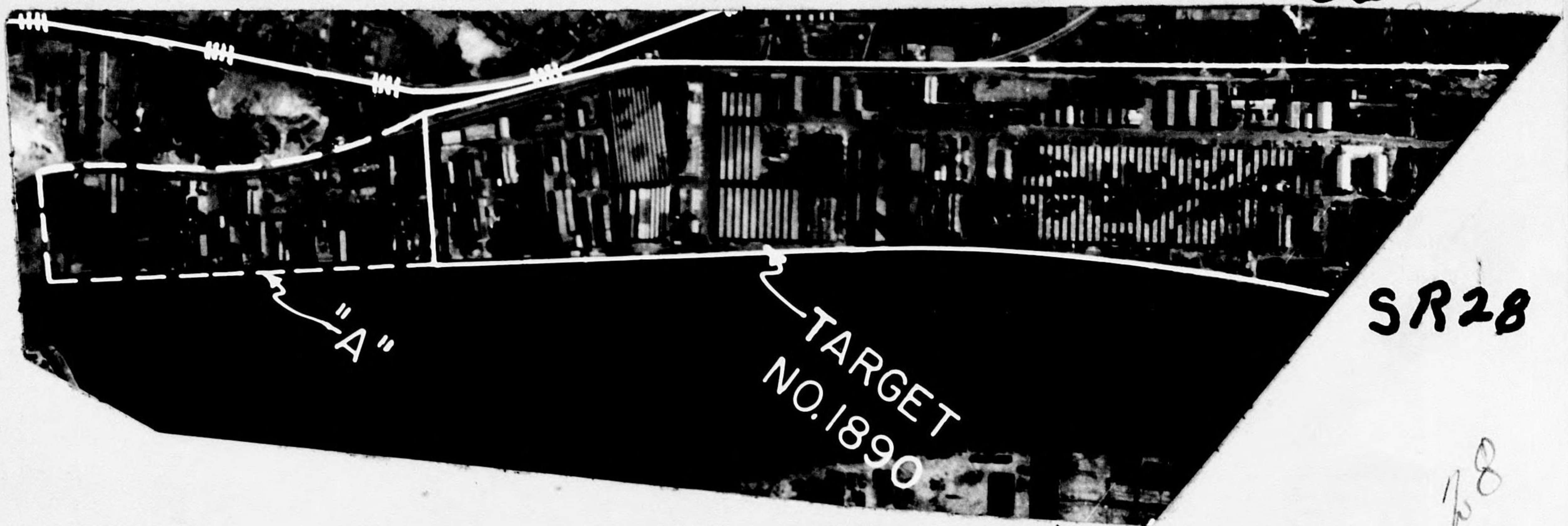
1885  
SR64  
34/26N  
132/28E



TARGET 1885 (34/26 N--132/28 E) Mitsubishi Electric Manufacturing  
Company: Location confirmed. In a rectangular area, this target  
is approximately 2 miles-N of Hiroshima Castle.



1889  
PR28  
34/20N  
132/28E



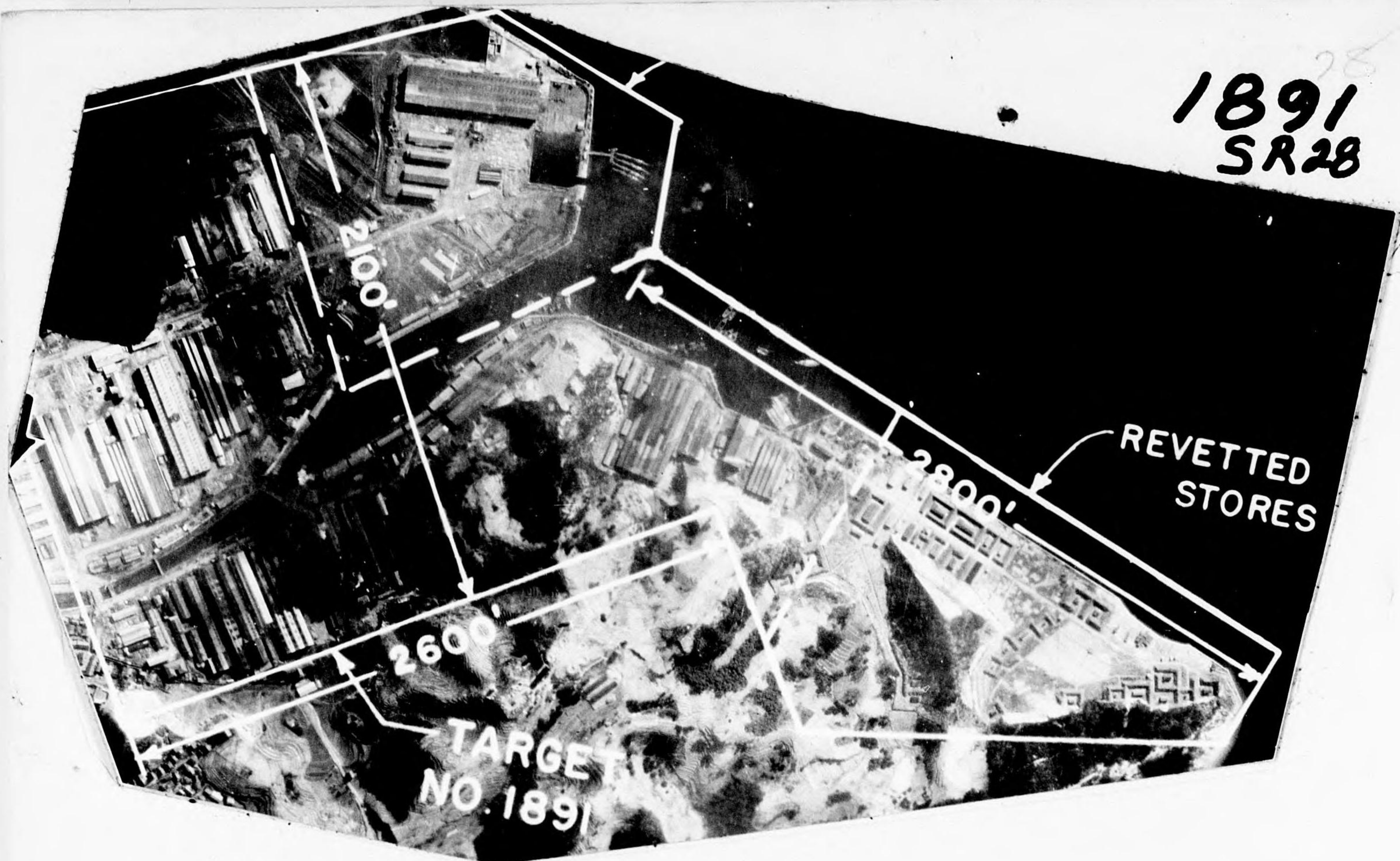
1890

SR28

28

TARGET 1890 (34/22 N--132/30 E) Toyo Industry (Aircraft)

Location confirmed - 2 miles E of Hiroshima. This roughly rectangular plant area covers about 5,000,000 sq. ft., and contains 10 main and numerous smaller buildings occupying about 60% of the plant area. Area A (annotation), 550,000 sq. ft., may be part of this plant.

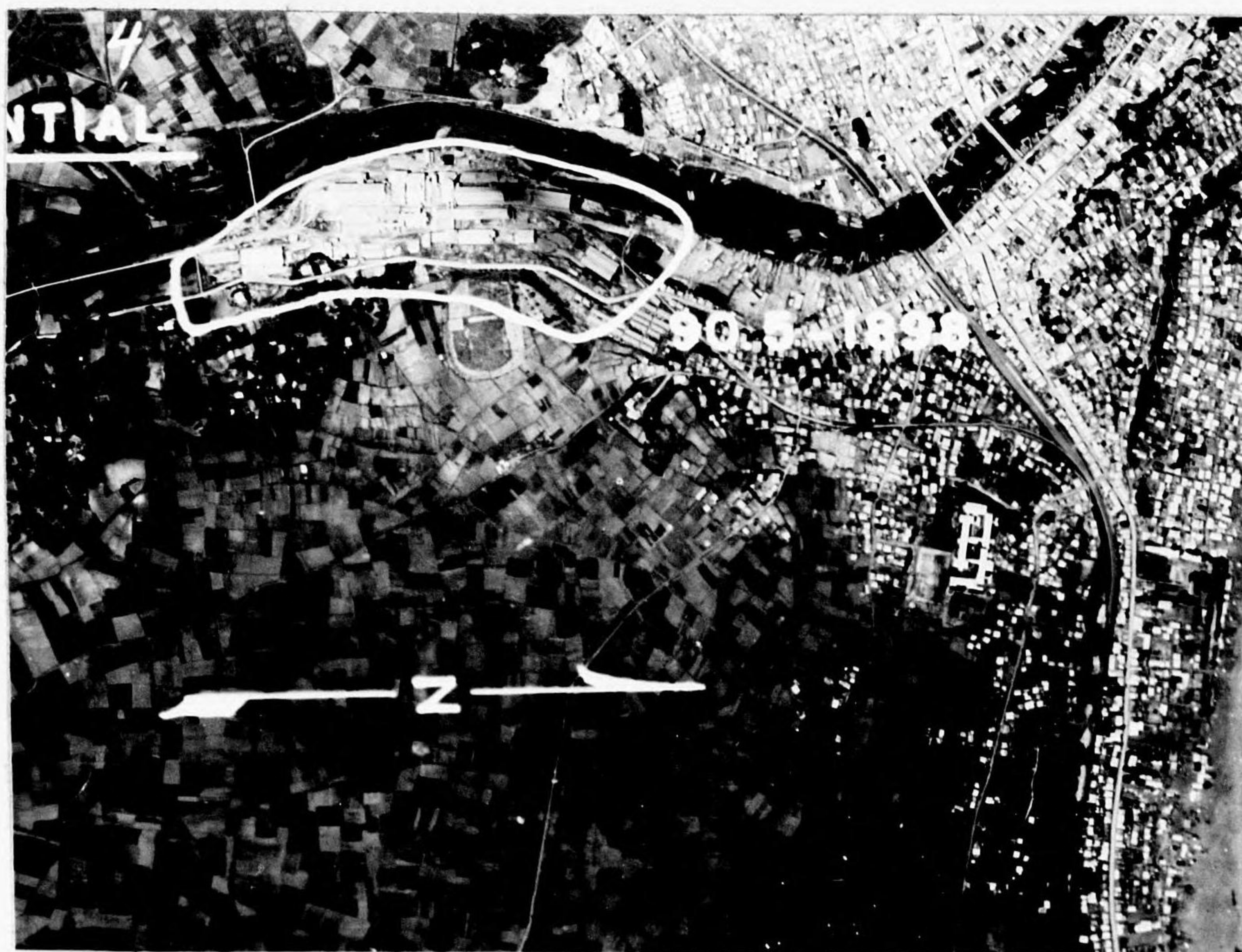


TARGET 1891 (34/22N--132/31 E) Japan Steel Co., Hiroshima Plant

Location confirmed, but plant has expanded to nearly three times the size indicated in reference. It is an irregularly shaped plant area covering approximately 10,000,000 sq. ft., of which about 4,000,000 sq. ft. are occupied by buildings.

Four submarines (RO-100 Class) moored at the pier, and revetted ammunition stores in the plant area, suggest that the plant may be producing submarine torpedoes in addition to the products listed in the reference.

The buildings adjacent to the submarine pier may be a submarine installation depot.



TARGET 1898 (40/31 N--141/32 E) IWAKI CEMENT COMPANY: Location confirmed. An irregularly shaped area of about 225,000 sq. ft.

SWT 186



1907  
SR64  
34/11N  
132/26E

TARGET 1907 (34/11 N--132/26 E) Kanokawa Oil Storage:  
Location confirmed. Six-inch cover only.



90.27

1920  
SR178  
34/47N  
134/40E

9027

TARGET 1920 (34/47 N--134/40 E) SANYO STEEL COMPANY, SHIKAMA PLANT: E of and  
adjacent to Target 1236.

Reference: NACI 7B-3-4-90.27-1290T, November 1944.  
Reference photos: 2:5-7.  
Annotated and attached: 2:6.



90.27

1921

SR 178

34/47/00N

134/40/30E

9027



TARGET 1921 (34/47/00 N--134/40/30 E) NIPPON IRON SAND INDUSTRY, SHIKAMA PLANT:  
 SE of and adjacent to Target 1283.

Reference photos: 2:5-7  
 Annotated and attached: 2:6.

90.27 - 1922

SR. 212

TEIKOKU MINING Co.,

HIBI REFINERY

3 PRSM 132-IV: 106

REFER TO: 90.27

1295



31  
**1929**  
**SR 31**

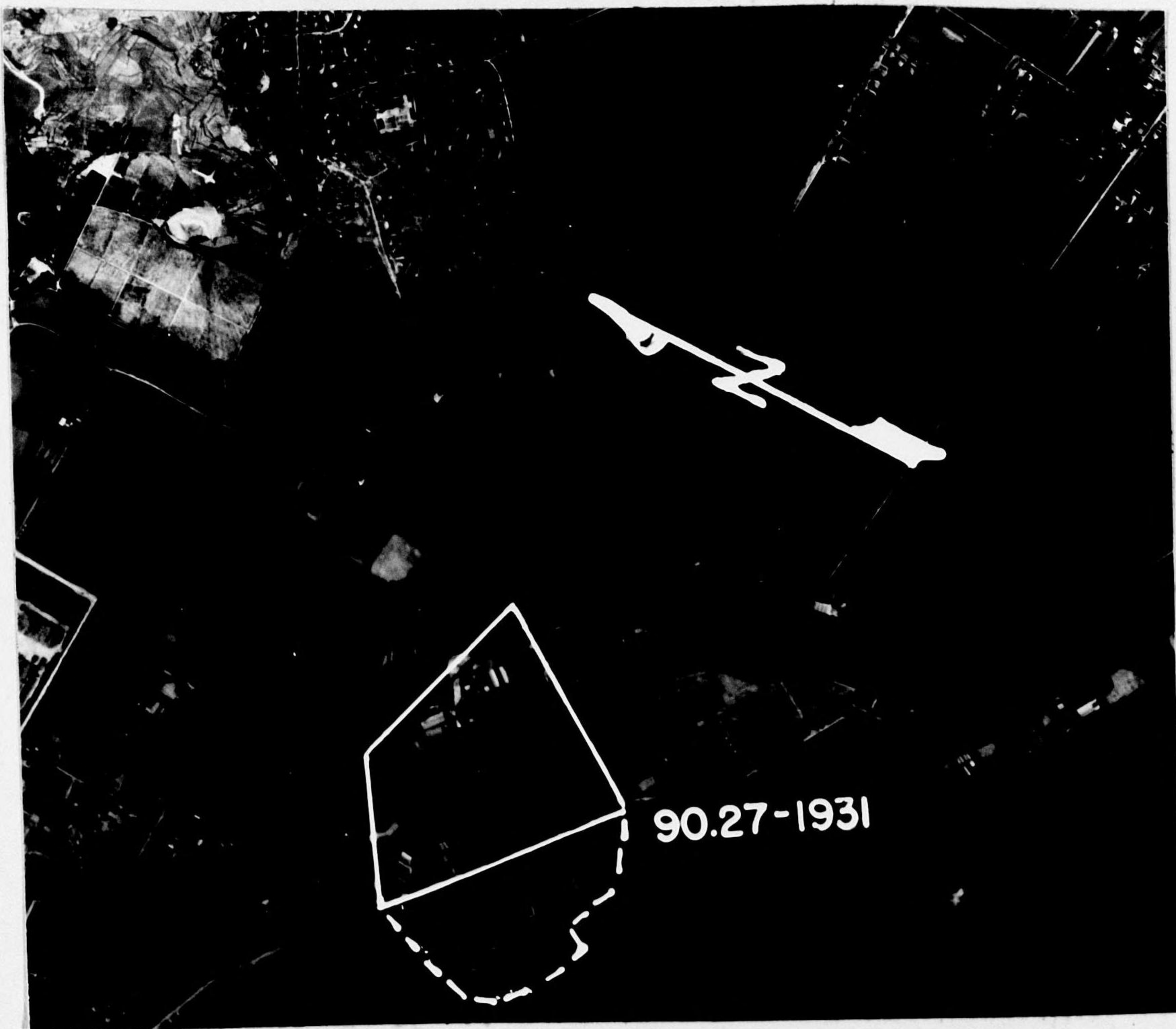
TARGET 1929 (34/41 N---137/41 E) Suzuki Loom Works, Takatsuka Plant.

Located E instead of W of railroad station as reported on M-7 (reference).

An irregularly shaped plant area covering 1,892,000 sq. ft., containing 6 main buildings occupying 163,000 sq. ft.

There appears to be construction activity within the plant area.

**1931**



*See 193*

TARGET 1931 (34/29N - 133/23E) Imperial Dye Works

Location confirmed.

28  
1935  
SR 28



TARGET 1935 (34/18 N--132/54 E) Chigiri Shima Copper Smelter

Location confirmed - on Chigiri Shima Island. The irregular shaped plant area includes the entire island, about 1,200,000 sq. ft., and includes 7 main buildings which occupy approximately 50,000 sq. ft.

The main buildings are situated in the central portion of the island, while probable storage warehouses and/or worker's quarters are on either end.

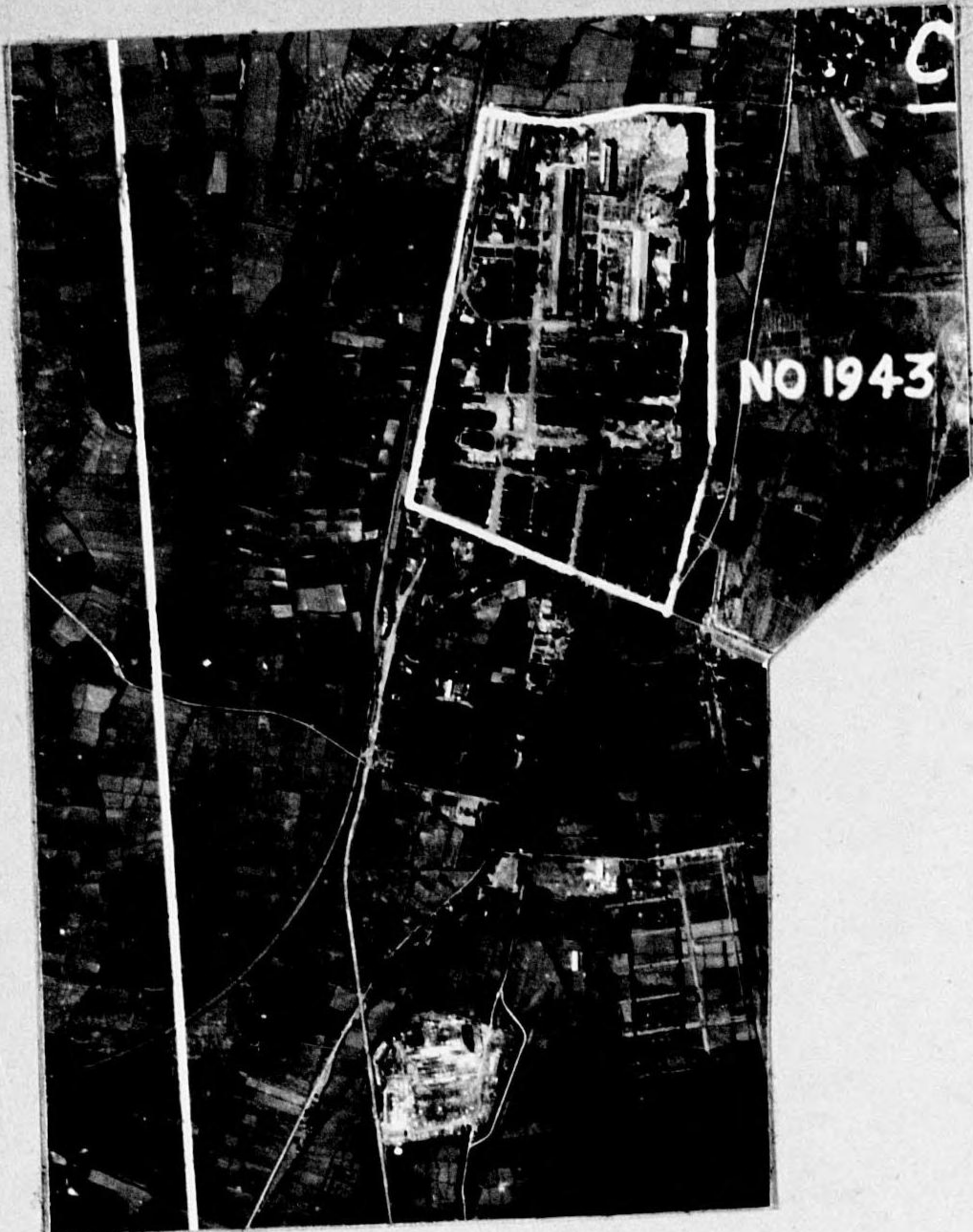


1936  
SR 64  
34/20N  
132/55E

TARGET 1936 (34/20 N--132/55 E) Takehara Electrolytic Copper Refinery Plant: (Possible location). Six-inch cover only.

90.11

1943  
SR. 174  
36/44 N  
137/15 E



TARGET 1943 (36/44 N--137/15 E) FUJIKOSHI STEEL PRODUCTS, HIGASHI-IWASE  
PLANTS: Location confirmed.

Reference photos: 2:70-72.  
Annotated and attached: 2:72.

90.11

1944  
SR. 174  
36/45 N  
137/15 E



TARGET 1944 (36/45 N--137/15 E) NIPPON SODA COMPANY, MAGNESIUM PLANT:  
Not in area shown in AMF Air Objective Folder 90.11, 1-5. Located about  
2700' E of Target 862. In a rectangular area of about 7,500,000 sq. ft.,  
main buildings cover approximately 250,000 sq. ft.

Reference photos: 2:72.  
Annotated and attached: 2:72.

90.22-1949

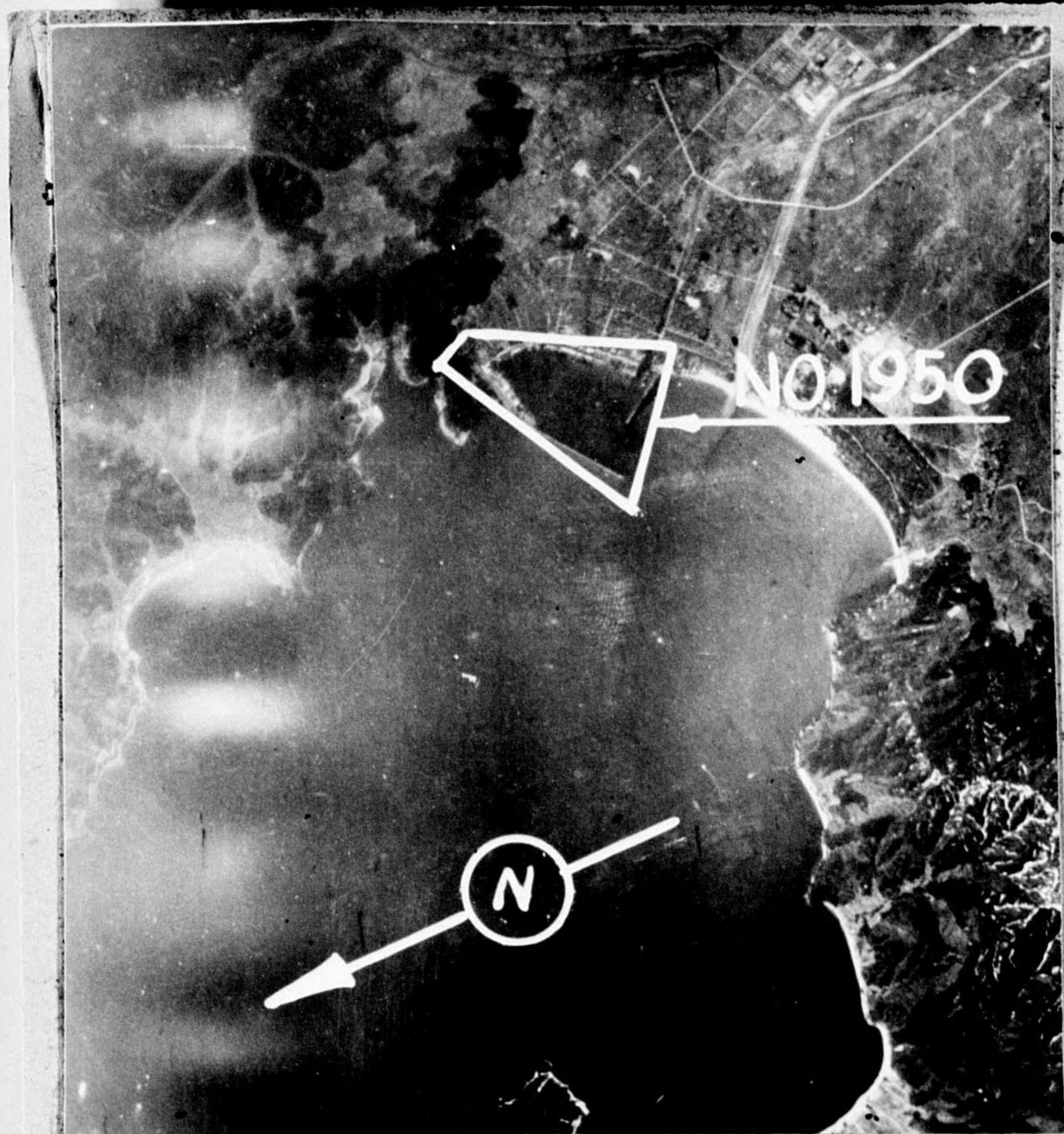
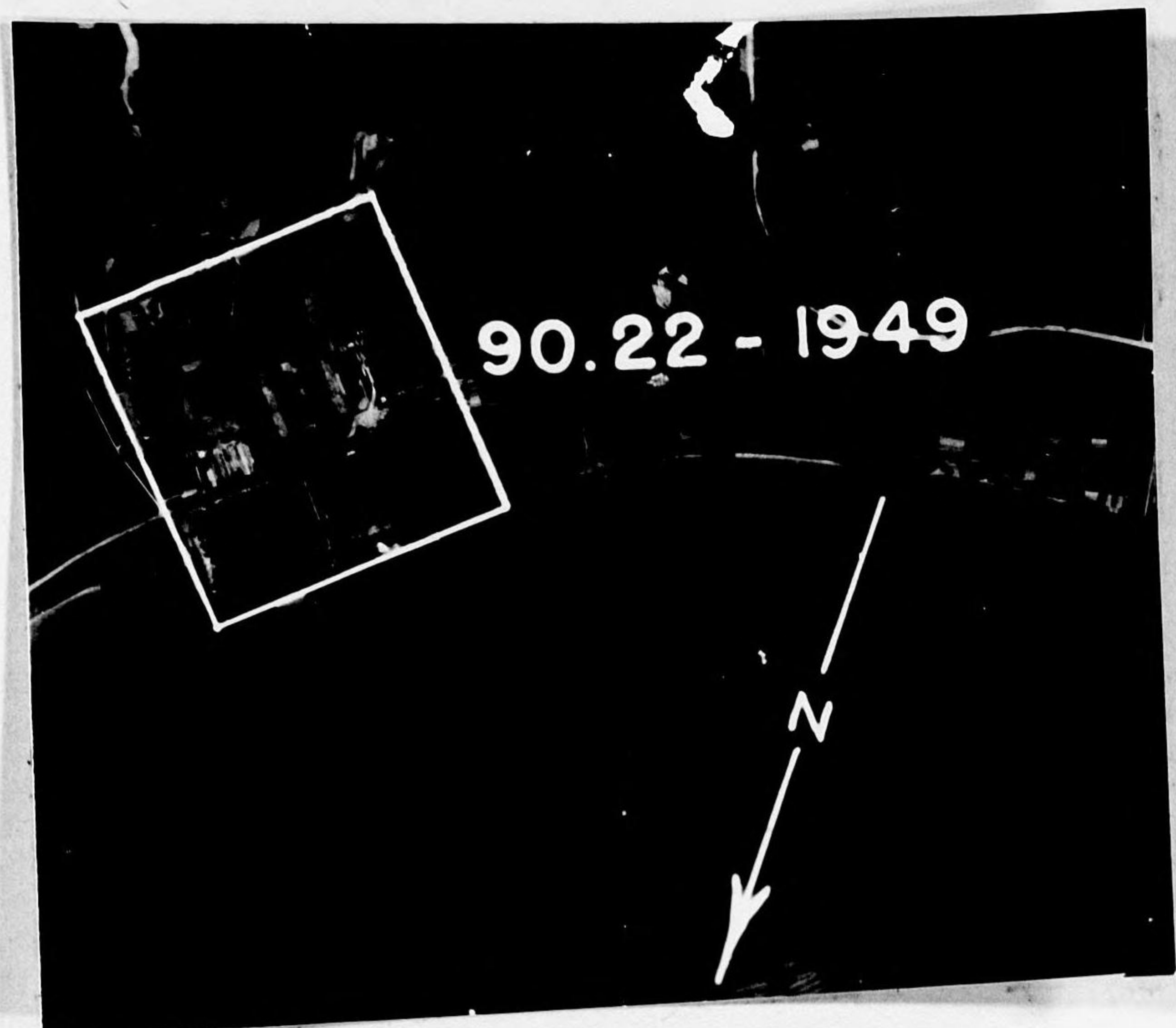
SR. 235

35/33N - 135/13E

MIYAZU STEAM POWER  
PLANT

3PR5M368-6L:10

DATE FLOWN :- 29 JULY 45



1950

SR 78

35/40N

136/04E

Tsuruga Harbor  
Facilities



90.22

1950  
SR174  
35/40N  
136/04E

9022

TARGET 1950, TSUBUGA HARBOR FACILITIES (35/40 N--136/04 E):  
Location confirmed. In an irregularly shaped area of approximately 1,965,000 sq. ft., eight main buildings cover about 109,400 sq. ft. This target was reported in CIU Survey Report 75, was then seen on six-inch coverage only.



2008  
SR55  
35/43N  
139/23E

OK

TARGET 2008 (35/43 N--139/23 E) Tachikawa Army Air Arsenal.

An irregularly-shaped target area covering 14,390,000 sq. ft., containing approximately 60 scattered major buildings occupying about 40% of the area.



2008  
AD 29

More area than  
this

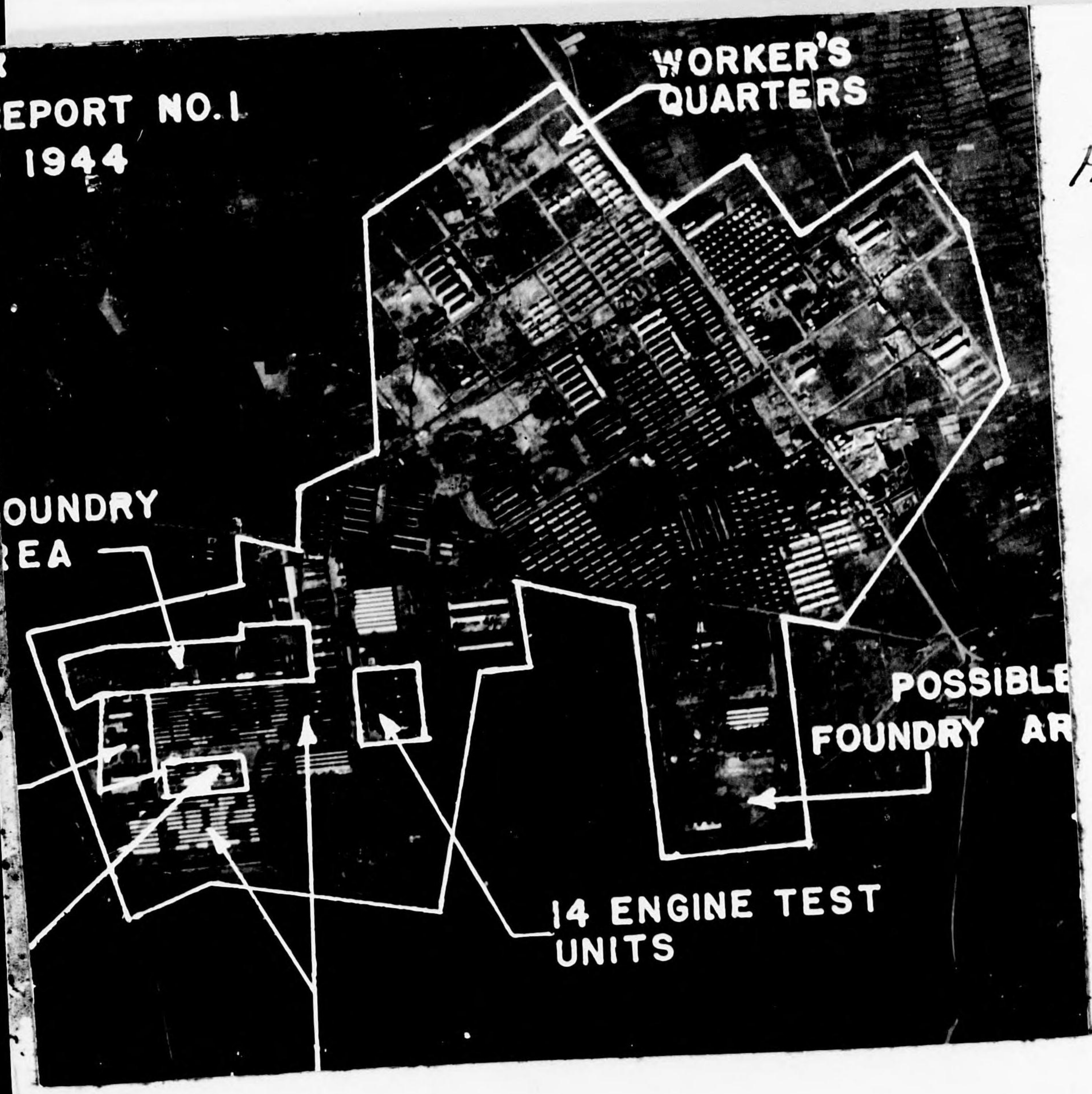


2009  
 SR55  
 35/44 N  
 139/25 E

TARGET 2009 (35/44 N--139/25 E) Hitachi Aircraft.

This plant was previously reported as an "Unidentified Aircraft Engine Plant" (CIU Survey Report No. 6 - 17 January 1945). Now AAF Target Number/Name Assignments Report No. 1, 26 January 1945, assigns the above number and locates this target about 23 miles W of Tokyo and 2½ miles S of Murayama.

REPORT NO. 1  
 R 1944



2009  
 SR 6  
 Hitachi Aircraft



UNIDENTIFIED AIRCRAFT ENGINE PLANT: (35° 44' N-139° 26' E)

This plant is located approximately 4200' north of Target 792 (Tachikawa Aircraft Plant) and approximately 4300' east of Target 1404 (Tachikawa Airfield). No references are made to the plant in any source now available.

The plant proper is located in a roughly rectangular area measuring 1970' north to south and 2125' east to west. Six principal buildings of sawtooth roof type total approximately 587,000 square feet, including the main building which

covers about 435,000 square feet. Numerous smaller structures, including a probable foundry, power house, administration buildings, engine test blocks and material storage, total an additional estimated 192,000 square feet, making the total plant area approximately 780,000 square feet.

Immediately east of the plant in an area 1530' north-south by 770' east-west, are four industrial buildings suggesting a possible foundry area. This area connects with the main plant by a road.

A workers barracks area adjoins the plant on the north. It measures approximately 2980' north-south x 3760' east-west.

AM 49 12/28/44  
SM 58 2/27/45  
SM 76 3/10/45  
SR 6  
AA 14

3R: 9-11  
3R: 100-101  
2: 13, 14 2009

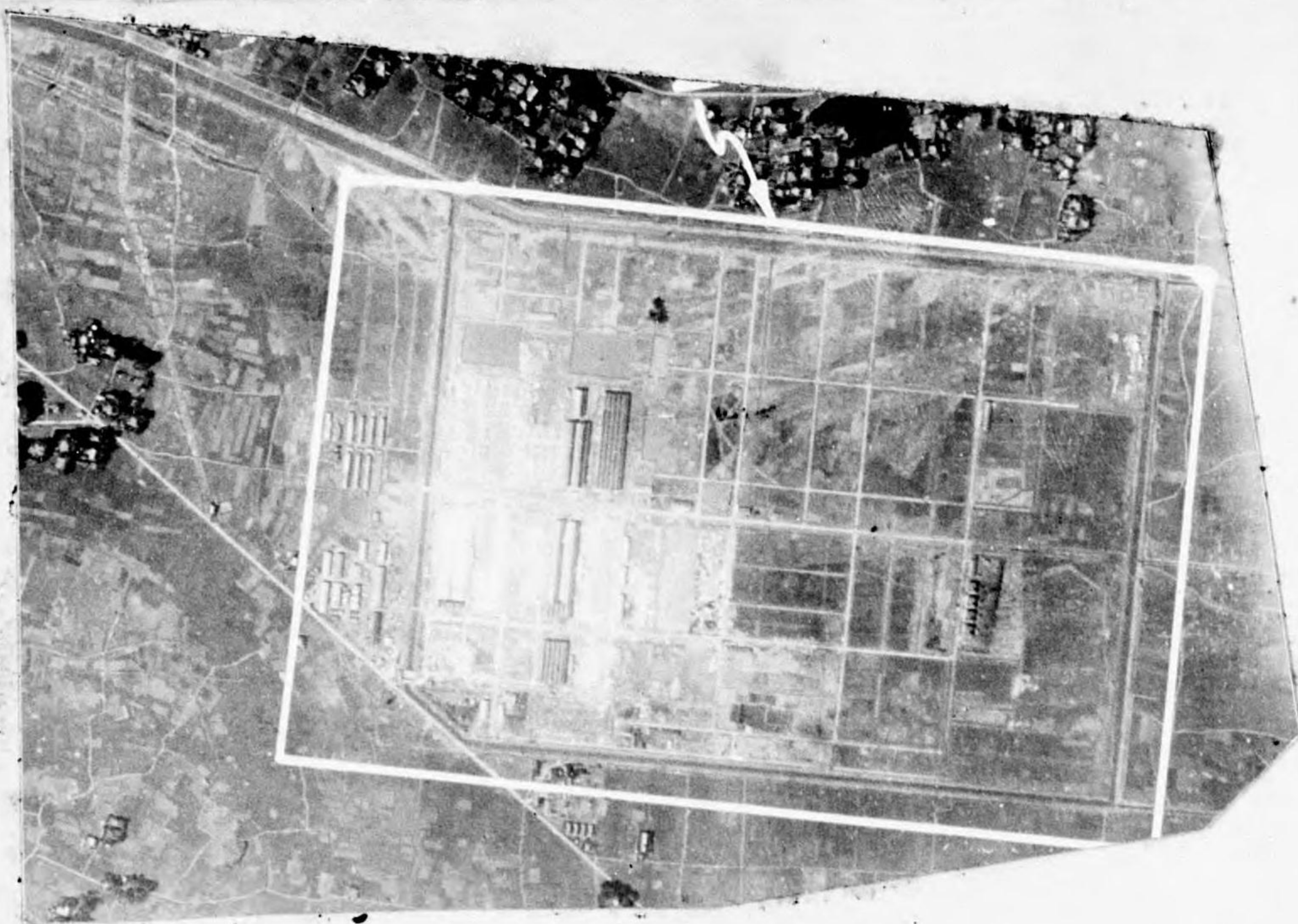
Aircraft (96.17)



2010  
SR48  
35/07N  
13654E

TARGET 2010 (35/07 N--136/54 E) Aichi Aircraft Engine Works

An irregularly-shaped plant area covering 770,000 sq. ft., containing 3 major buildings occupying 500,000 sq. ft. - no changes observed.



2012  
SR40  
34/42N-137/46E

TARGET 2012 (34/42 N--137/46 E) Nakajima Aircraft Co., Hamanatsu Plant.

A rectangular plant area covering about 8,940,000 sq. ft., containing 11 major buildings occupying 676,800 sq. ft. on 5 November 1944 (3PR4M2). Coverage of this plant on 3PR5M5 - 5 January 1945, shows that 8 of the major buildings have been removed and that the roof on one of the remaining buildings has been changed from saw-tooth type to double ridge type. Coverage on this current mission shows little or no change since the last previous mission. Present area of major buildings is about 214,800 sq. ft.

New AAF Target Number/Name Assignments Report No. 1, 26 January 1945, locates this plant in NE section of Hamanatsu, about 1.5 miles W of Tokaido Mainline RR bridge over the Tenryu River (34/40 N--137/45 E). It is believed, however, that the plant location described in the above-mentioned report should be located at (34/42/15 N--137/46/00 E).

SR 48			
SM 78 3/12/45	2: 37, 34, 32-34		
AM 17 11/23/44	2: 9, 10		
SM 79 3/12/45	2: 23-26		
SM 80 3/13/45	2: 21-24		

SM 5 1/5/45	3: 1, 2		
AM 2 11/5/45	4: 14-16		
SM 70 3/8/45	2: 28-30		
SR 40			
SM 80 3/13/45	2: 98-100		



2013  
SR40  
34/42N-137/46E

TARGET 2013 (34/42 N--137/46 E) Japan Musical Instrument Co., Plant 2. Probable location.

An irregularly-shaped plant area covering about 1,927,000 sq. ft., containing 6 major buildings occupying 419,000 sq. ft. on 5 November 1944 (3PR4M2). Coverage of this plant on 3PR5M5 - 5 January 1945 shows that 3 major buildings have been removed and a fourth major building has been partially removed, or was completely removed and then partially reconstructed. Later coverage, 3PR5M51 - 18 February 1945, revealed that 2 of the first-mentioned buildings removed had been re-erected as different type buildings. The area of the major buildings, as of this current coverage, is about 195,000 sq. ft.

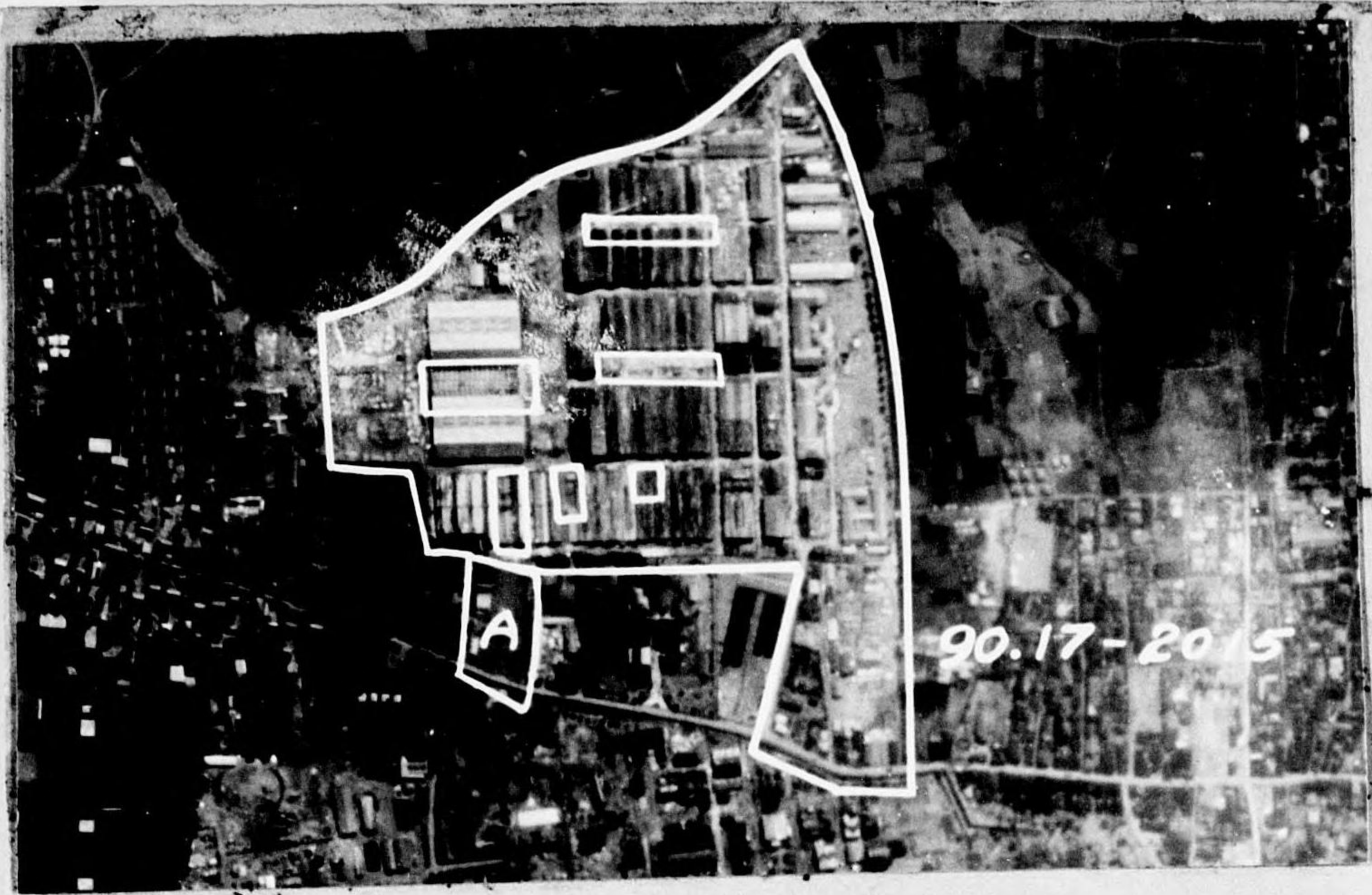
New AAF Target Number/Name Assignments Report No. 1, 26 January 1945, locates this plant about three-quarters of a mile S of Target 2012, in E part of Hamamatsu. It is believed, however, that the plant location described in the above-mentioned report should be located at (34/32 N--137/46 E).



2015  
SR55  
35/20N  
139/21E

TARGET 2015 (35/20 N--139/21 E) Japan International Aircraft, Hiratsuka Plant.

This plant was previously reported as "Area C - Probable Aircraft Fuselage Factory" (3PR PI Report No. 34, 17 December 1944). New AAF Target Number/Name Assignments Report No. 2, 1 February 1945, locates the plant directly E of Target 90.17-1336.



2015  
SR132



TARGET 2015 - Japan International A/C Parts Co., Hiratsuka Plant

Since 3PR5M44 - 11 February 1945:

Building area removed	28,000 sq. ft.
Building area being removed	40,000 sq. ft.
Total roof area affected -	68,000 sq. ft.
Percent of total roof area	4.5%

As of the above coverage and date 128 fuselages, possibly Thalia, were visible in the plant and adjacent areas. An undetermined number were at "A" (see inclosure) under a screened structure.

Latest coverage reveals no fuselages or screen coverings at or near the plant. However, between 170 and 180 fuselages identical to the type mentioned above are seen on the river bank, under trees, 4000' NE of the plant.



2016  
SR 70  
35/20N  
139/53E

TARGET 2016 (35/20 N--139/53 E) Kiserazu Aircraft Engine Plant:  
Location confirmed.



2016  
SR 55  
35/20N  
139/53E

411

TARGET 2016 (35/20 N--139/53 E) Kisarazu Aircraft Engine Plant (6" coverage only).



2019

90.25 SR 203

TARGET 2019 (34/45 N--134/46 E) HARIMA FACTORY of OSAKA ARSENAL: Location confirmed. An irregularly shaped area of about 7,800,000 sq. ft.

Suzuka Naval Arsenal

2020

SR III

34/52N

136/32E



2020

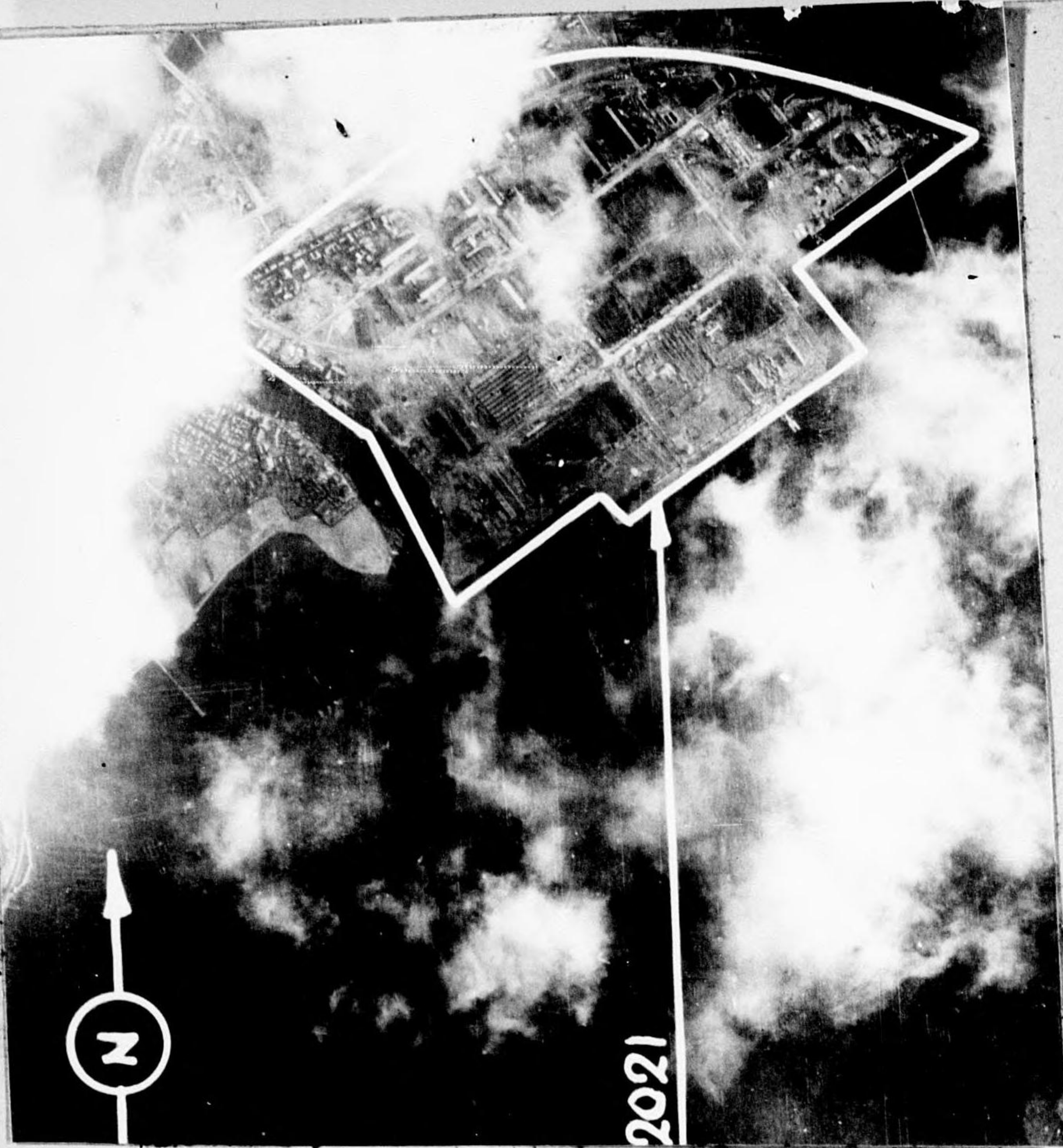
SR 49

34/52N

136/32E

TARGET 2020 (34/52 N--136/32 E) Suzuka Naval Arsenal: 6" coverage only. This installation is approximately 2 miles west of reported location (see reference c).

An irregularly-shaped area of about 43,500,000 square feet contains numerous buildings.



2021  
 SR80  
 33/04N  
 129/52E

TARGET 2021 (33/04 N--129/52 E) Kawatana Factory of Sasebo Arsenal

New AAF Target Number/Name Assignment Report No. 2, 1 February 1945 locates this plant at the N end of Onura Bay. It was previously reported as Target XXI 6101 (GTU Survey Report No. 44).



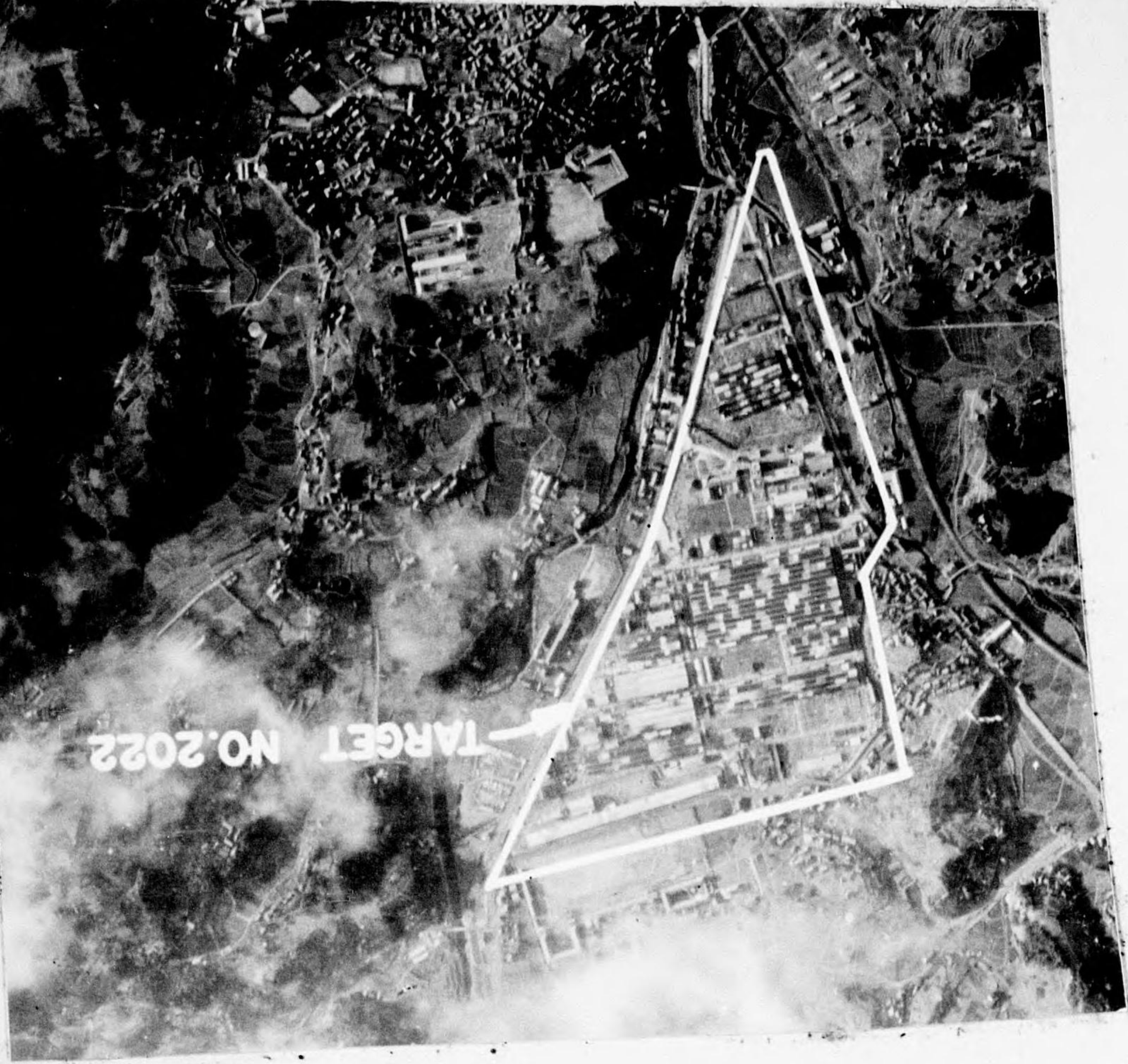
2021  
 33/04N  
 129/52E  
 SR44  
 Kawatana Factory  
 of Sasebo Arsenal

TARGET XXI 6101 (33/04 N--129/52 E) Unidentified Factory

An irregularly-shaped plant area covering 6,000,000 sq. ft., containing 11 major buildings occupying 674,000 sq. ft. (approximate measurements).

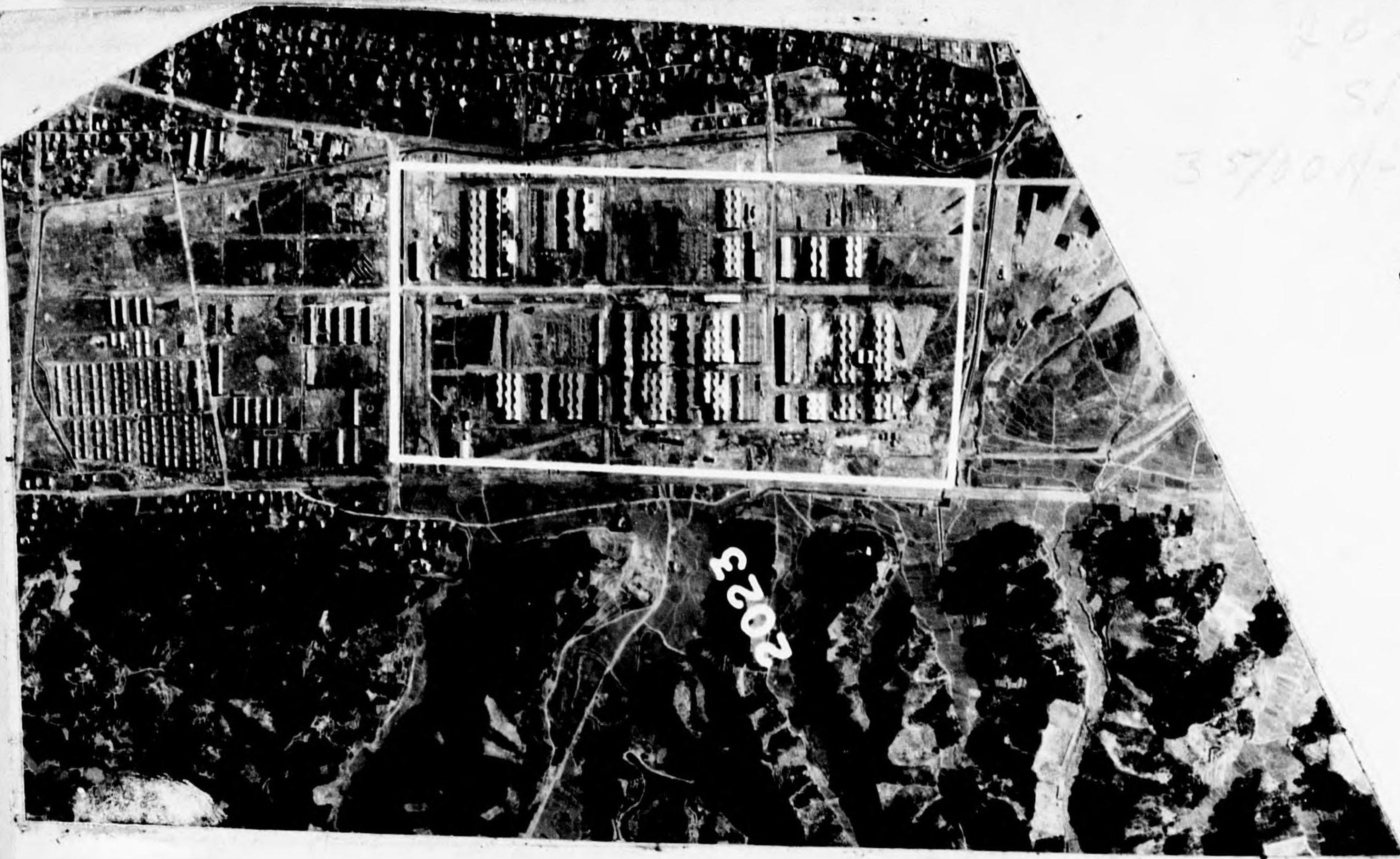


2022  
SR45  
32/46 N  
129/52 E



TARGET 2022 (32/46 N--129/52 E) Mitsubishi Urakami Ordnance Plant:  
First 3PR cover; location confirmed. In a triangular area of about  
2,600,000 square feet, the plant's nine main buildings cover about  
600,000 square feet. The NW portion of the plant is obscured by  
clouds.

2023  
SR42  
35/00 N  
138/28 E

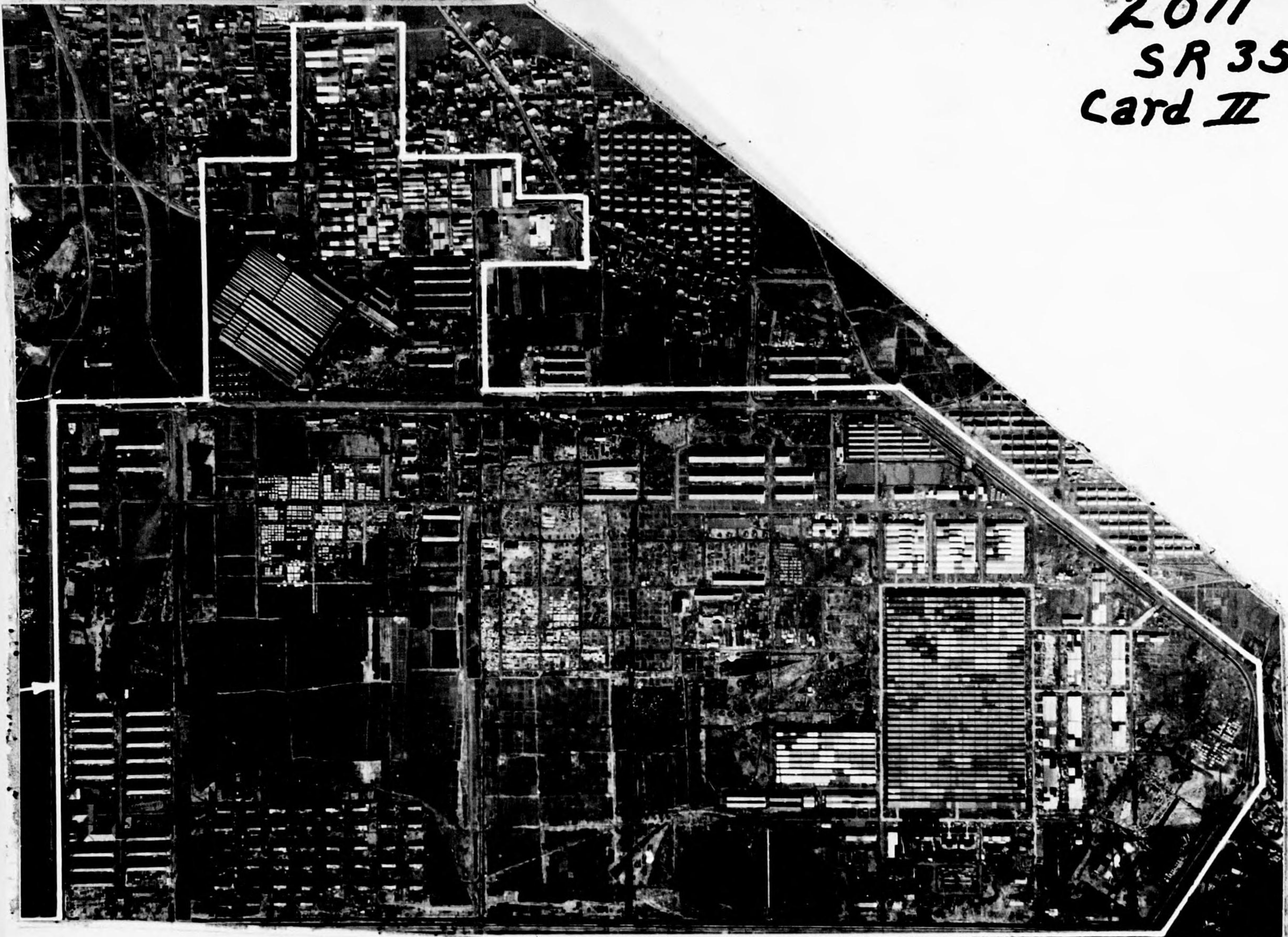


TARGET 2023 (35/00 N--138/28 E) Sumitomo Light Metals Co.

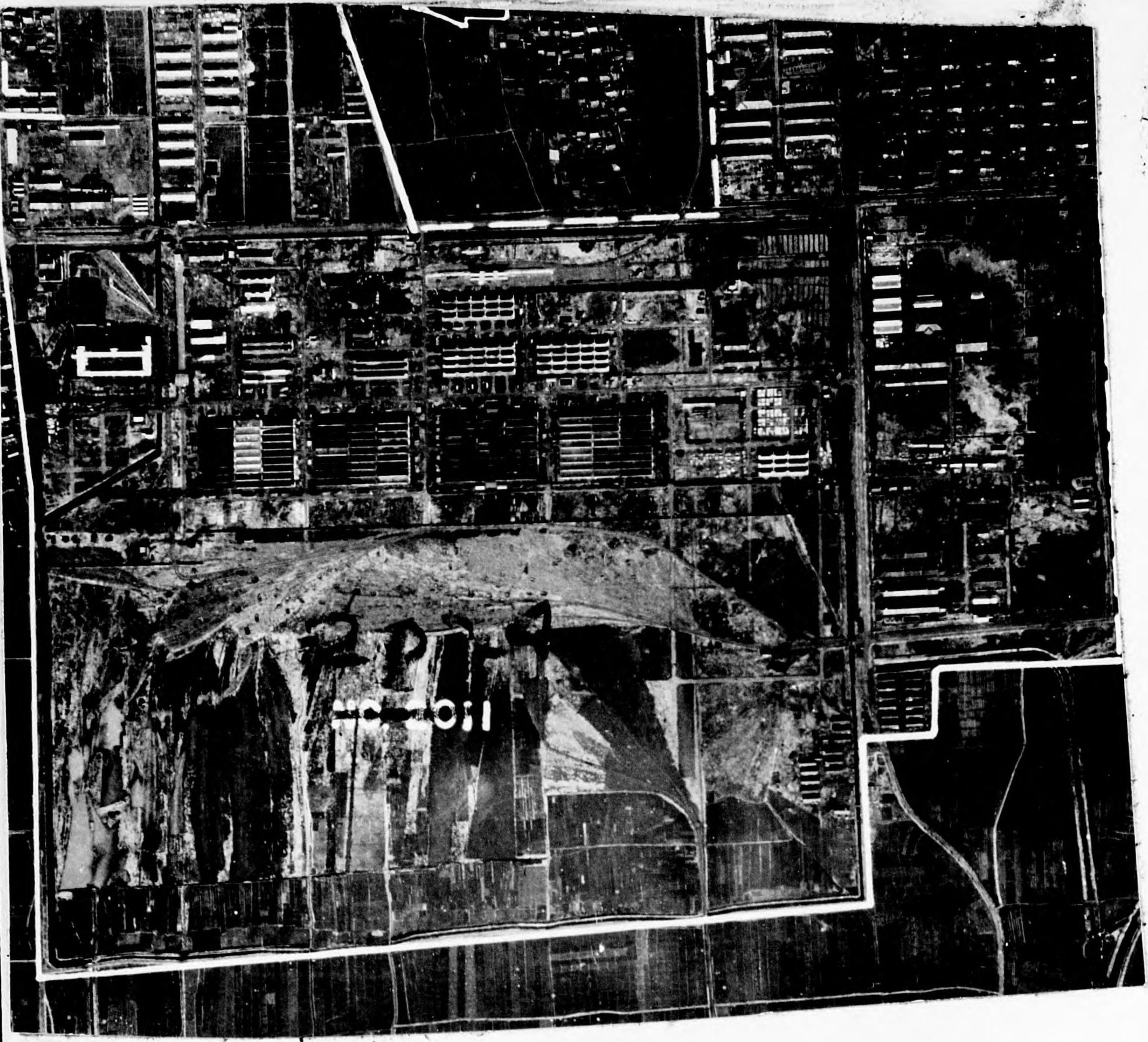
Location confirmed as probable. A rectangular plant area cover-  
ing 5,632,000 sq. ft., containing 32 major buildings occupying  
760,000 sq. ft. A worker's housing area is just NW of the plant area.



2023  
SR 80  
35/00N  
138/28E  
Sumitomo Light Metals  
Shimizu Plant  
**Sumitomo Light  
Metals  
Shimizu Plant**



2011  
SR 35  
Card II



~~2011~~  
SR35  
Card I

2024  
H.S.

TARGET 2011 (34/59 N--138/25 E) Shizuoka Aircraft Engine Works.

This plant was previously reported as being a possible aircraft engine plant (3PR PIR No. 20, - 11 November 1944). AAF Objective Folder 90.18, M-5, reports Sumitomo and Mitsubishi factories to be in this approximate location.



2024  
SR80  
34/58 N  
138/25 E

TARGET 2024 (34/58 N--138/25 E) Sumitomo Light Metals, Shizuoka Plant

New AAF Target Number/Name Assignment Report No. 3, 6 February 1945 states that this plant is reported to be producing unidentified aircraft parts, possibly the same as those being produced at Target 2023. This plant was previously considered as a part of Target 2011 (CIU Survey Report No. 35).

4M2 11/5/44

3:11.12

5M58 2/27/45

3R:6

5M72 3/8/45

2:5-10

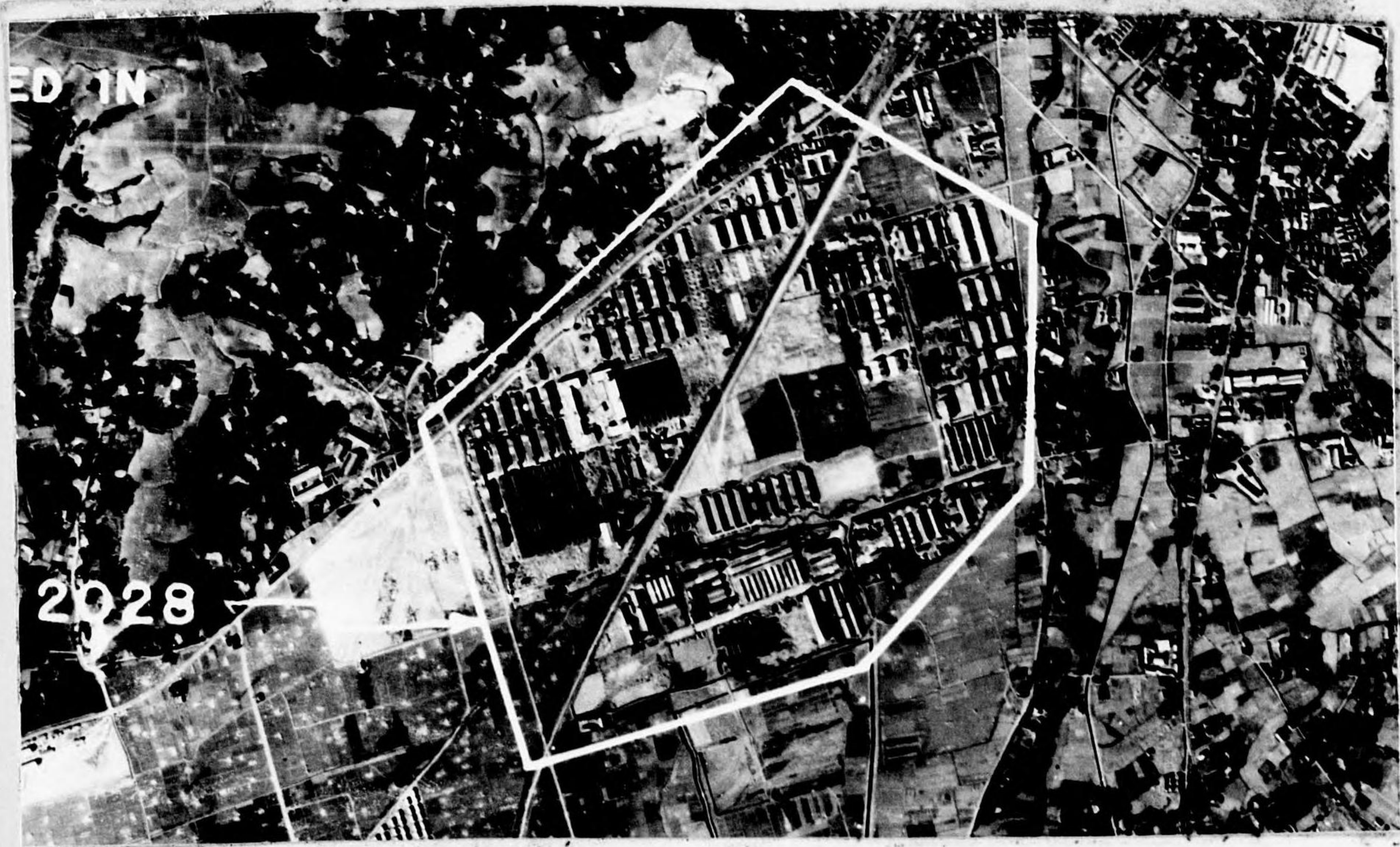
SR 35

PIR 10



2025  
SR66

Hodogaya  
Chemical  
Industry Co.  
37/23/45N  
140/23/45E



2028  
SR55  
35/35N  
139/37E

TARGET 2028 (35/35 N--139/37 E) Ikegai Iron Works, Mizonoguchi Plant (Probable location).

This plant was previously reported as "Unidentified Industry A (35/36 N--139/38 E)" - CIU Survey Report No. 15 - 1 February 1945. New AAF Target Number/Name Assignments Report No. 3, 6 February 1945, locates this plant in NW Kawasaki, Mizonoguchi District.

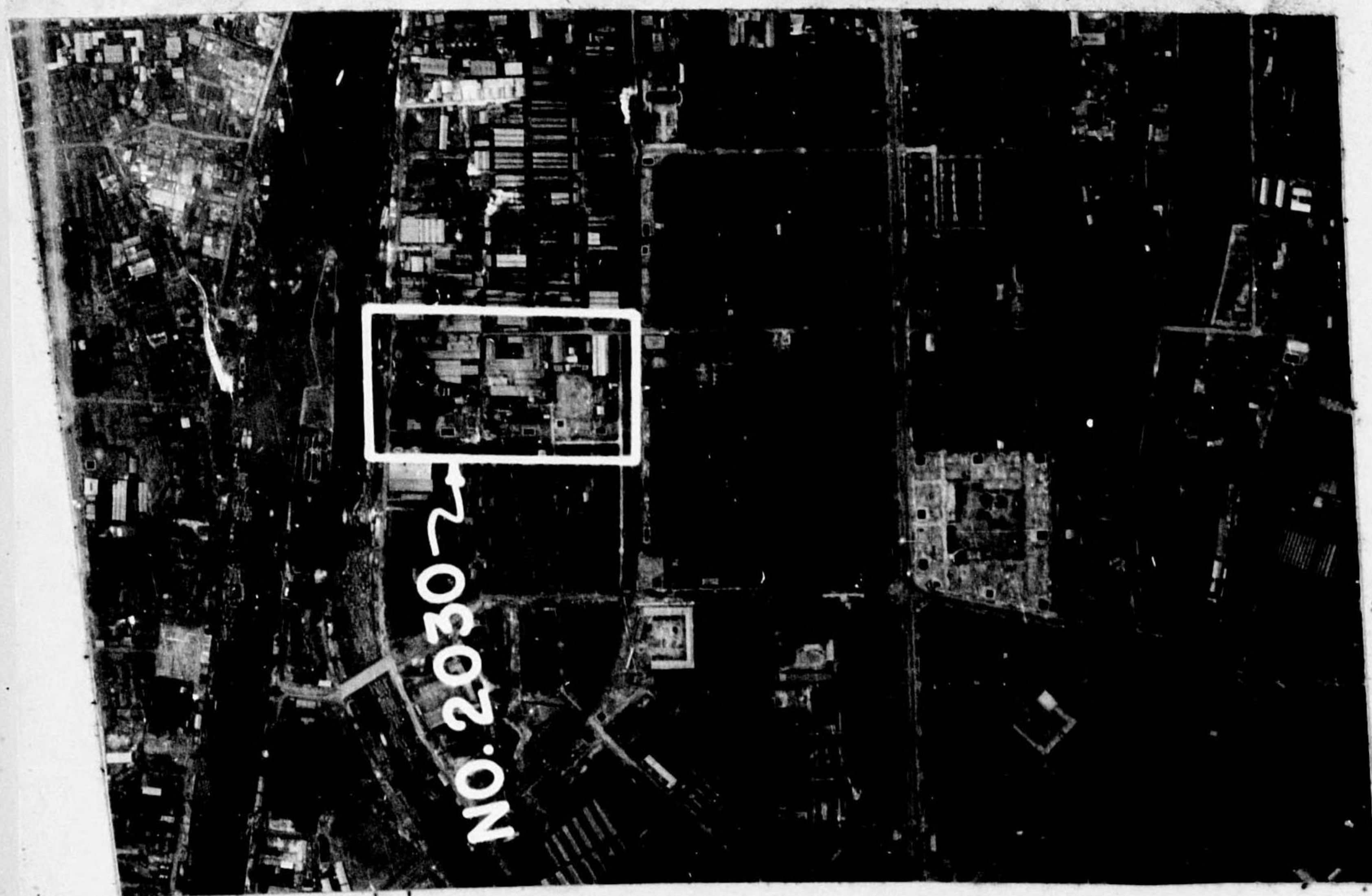
90.17-2029

SR 220

REFER TO:-

90.17-2127

OKAMOTO MACHINE  
TOOL COMPANY,  
KAMATA PLANT



2030

SR 55

31/41N

135/27E

TARGET 2030 (34/41 N--135/27 E) Osaka Chain & Mach. Works.

This plant was previously reported as an "Industrial Target, Reported Chain Plant" (CIU Survey Report No. 20, 10 February 1945). New AAF Target Number/Name Assignments Report No. 3, 6 February 1945, assigns above number and locates this plant in W Osaka, at Nishi-Yodogawa Ku.



2031  
SR 20

TARGET 2031 (34/42 N--135/14 E) Higashi-Nada Railroad Yards.

Location as shown on M-9 (reference a) is 90 yards north-west of location given in reference b. The plant covers an area of approximately 600,000 sq. ft.



2033  
35/21N  
139/32E  
SR132

TARGET 2033 - Fuji Aircraft, Ofun. Plant (35/21 N--139/32 E)

Location as reported in New AIF Target Number/Name Assignment Report No. 5, 21 February 1945.



2035  
SR131  
35/20N  
139/21E

TARGET 2035 (35/20 N--139/21 E) Hiratsuka Branch of 2nd Naval Air Arsenal

New AAF Target Number/Name Assignment Report No. 5, 21 February 1945 locates this plant at Hiratsuka, also commenting that it was formerly a textile mill. (CIU identification tentative).



2036  
SR131  
35/22N  
139/22E

TARGET 2036 (35/22 N--139/22 E) Japan Gas Engine Co.

New AAF Target Number/Name Assignment Report No. 5, 21 February 1945 locates this plant NE of Hiratsuka. (CIU identification tentative)





2037  
SR80  
35/22N  
139/39E

TARGET 2037 (35/22 N--139/39 E) Koshiha Point Oil Storage

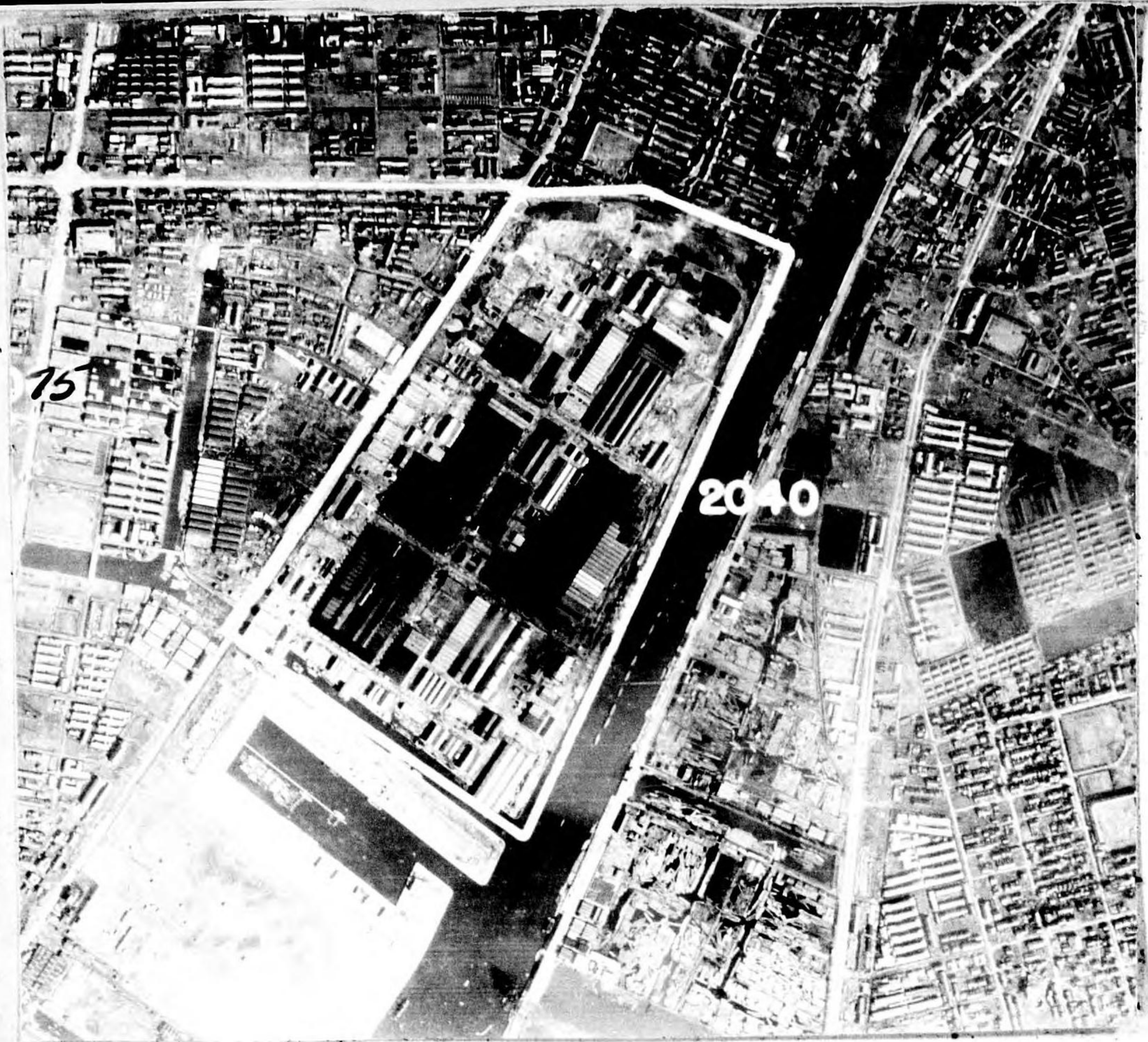
New AAF Target Number/Name Assignment Report No. 5, 21 February 1945 states that this target has an oil storage capacity of about 1,000,000 barrels.



2038  
SR55  
35/29/40N  
139/42/40E

TARGET 2038 (35/29/40 N--139/42/40 E) Army Oil Storage

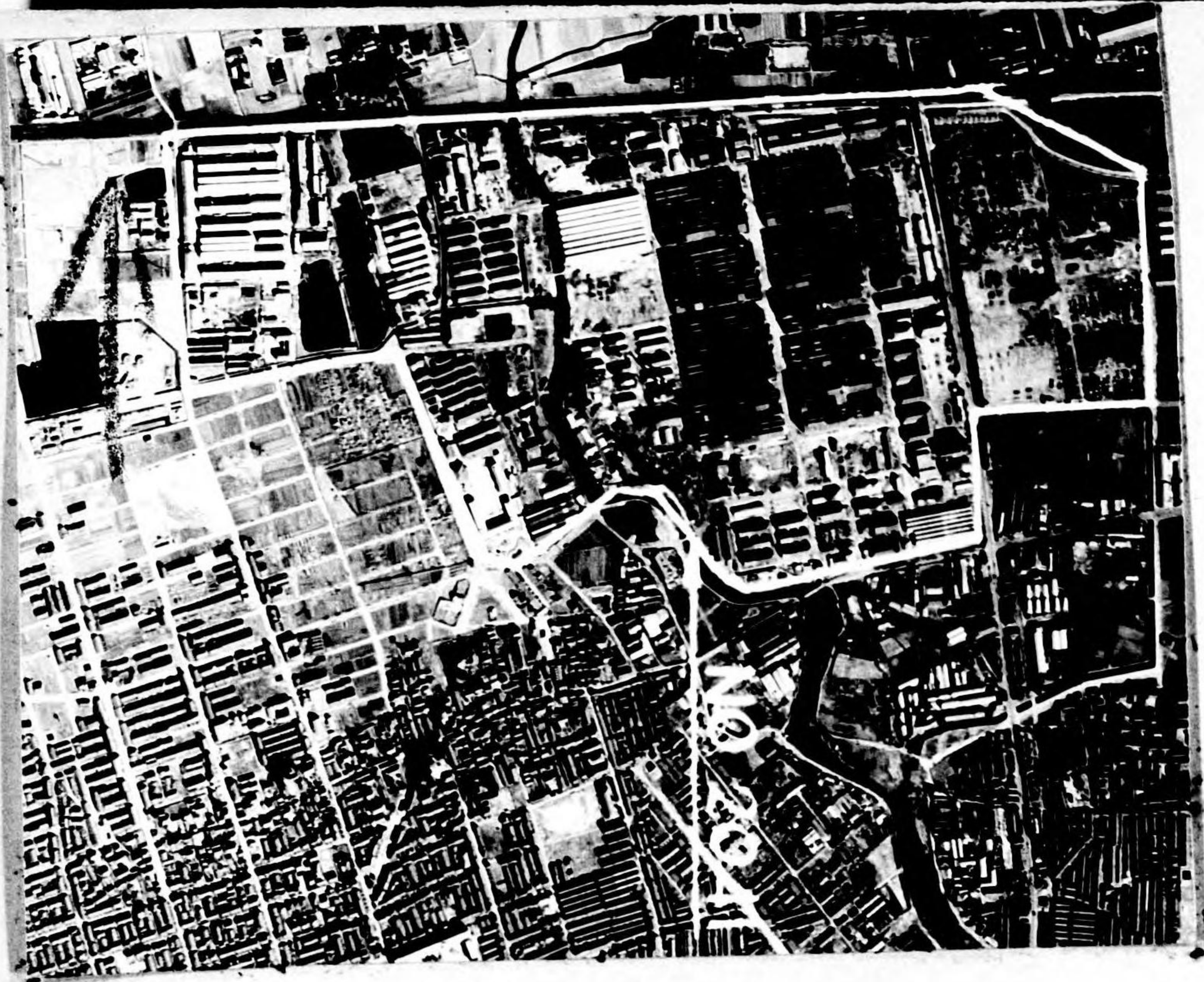
This target is composed of two tank farms previously reported as "Unidentified Tank Farms B and D" (CIU Survey Report No. 15, 1 February 1945). New AAF Target Number/Name Assignments Report No. 5, 21 February 1945, locates this target in Kawasaki, directly W of Targets 110 and 493.



2040  
 SR43  
 35/06/30 N  
 136/53/45 E

TARGET 2040 (35/06/30 N--136/53/45) Sumitomo Light Metal Mfg. Co.

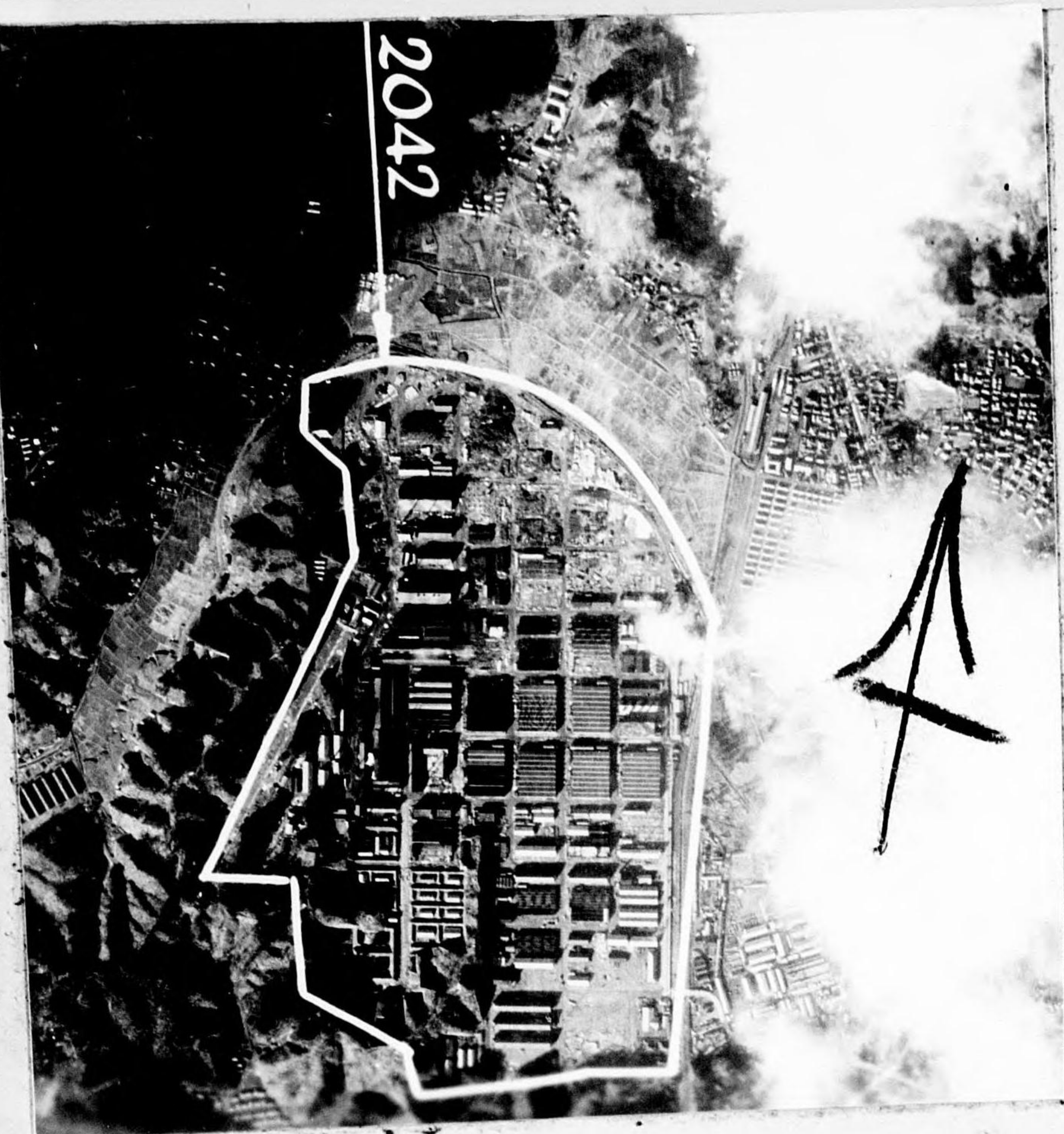
Location confirmed. A rectangular plant area covering 6,000,000 sq. ft., containing 5 major buildings occupying 1,490,000 sq. ft.



2041  
 SR80  
 34/44 N  
 135/24 E

TARGET 2041 (34/44 N--135/24) Sumitomo Kanzaki Propeller Plant

New AF Target Number/Name Assignment Report No. 6, 6 March 1945 locates this target in the N outskirts of Nagasaki, directly S of the Tokaido RR and 1/4 mile W of Kanzaki Junction. It was previously reported as Unidentified Industrial Plant "A" (34/33 N--135/25 E) - CIU Survey Report No. 9.



2042  
SR80  
35/20N  
139/37E

TARGET 2042 (35/20 N--139/37 E) Japan Steel Co., Yokohama Plant

New AAF Target Number/Name Assignment Report No. 7, 31 March 1945 states that this target is a moderately important medium to heavy ordnance plant affiliated with the Osaka Arsenal. This plant was previously reported by 3PR PIU as a Probable Explosives Plant (PIR Report No. 34).



2043  
SR80  
36/18N  
139/05E

TARGET 2043 (36/18 N--139/05 E) Iwahana Factory of Tokyo Arsenal

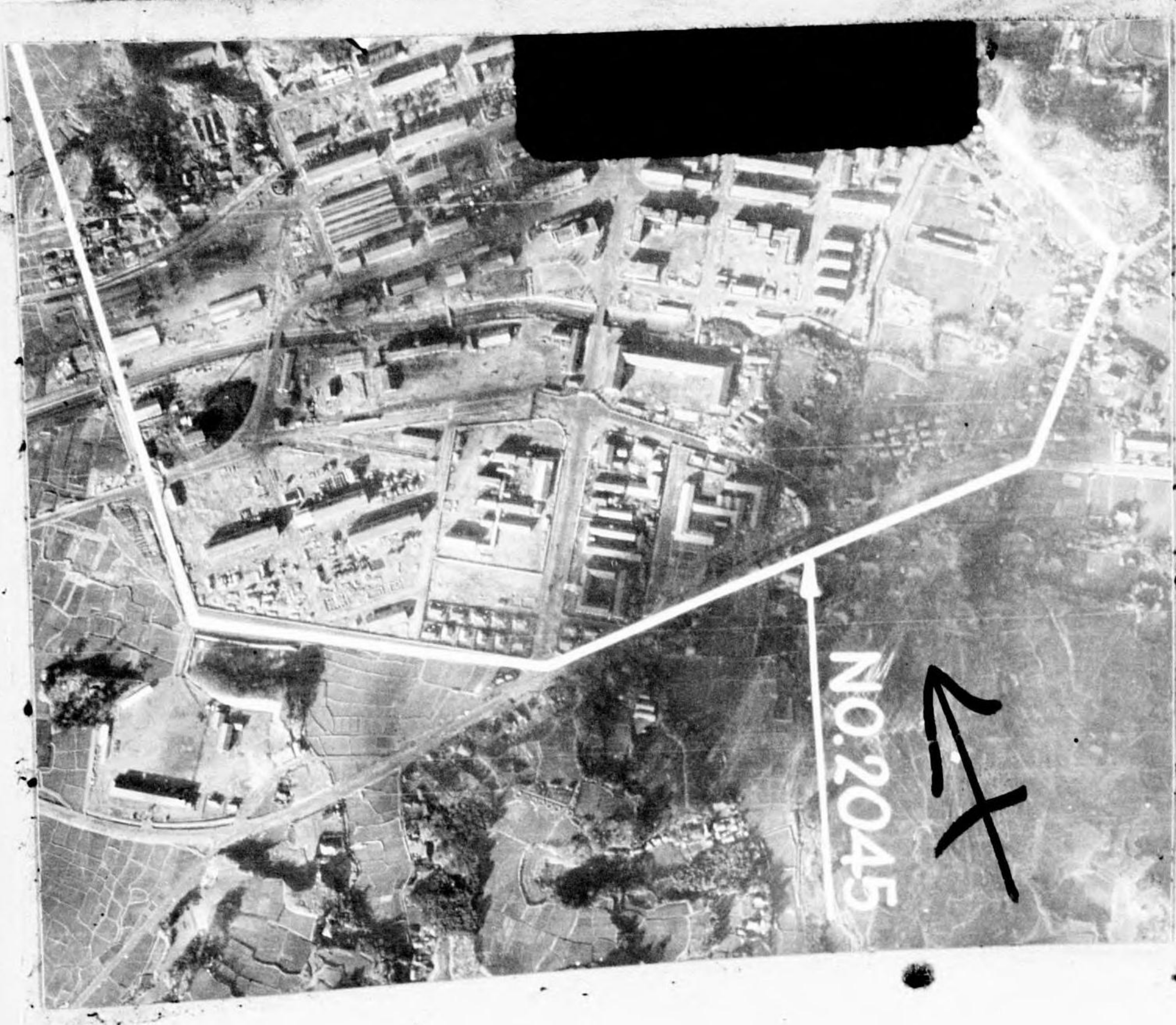
New AAF Target Number/Name Assignment Report No. 7, 31 March 1945 states that this is a large explosives and ammunition plant affiliated with the Tokyo Army Arsenal and Military Gunpowder Works. This target was previously reported as Target XXI 6052 (CIU Survey Report No. 26).



2044  
 SR 110  
 35/41N  
 139/24E

TARGET 2044 (35/41 N--139/24 E) Probable Diesel Automotive Co., Hino Plant

An irregularly-shaped target area (including track) covering about 4,000,000 sq..ft. Plant areas A and B (see attached annotated print) are possibly subsidiary or branch units of this target and are not included in the area measurement.



2045  
 SR 80  
 139/33E  
 35/22N

TARGET 2045 (35/22 N--139/33 E) Ofuna Naval Fuel Research Plant

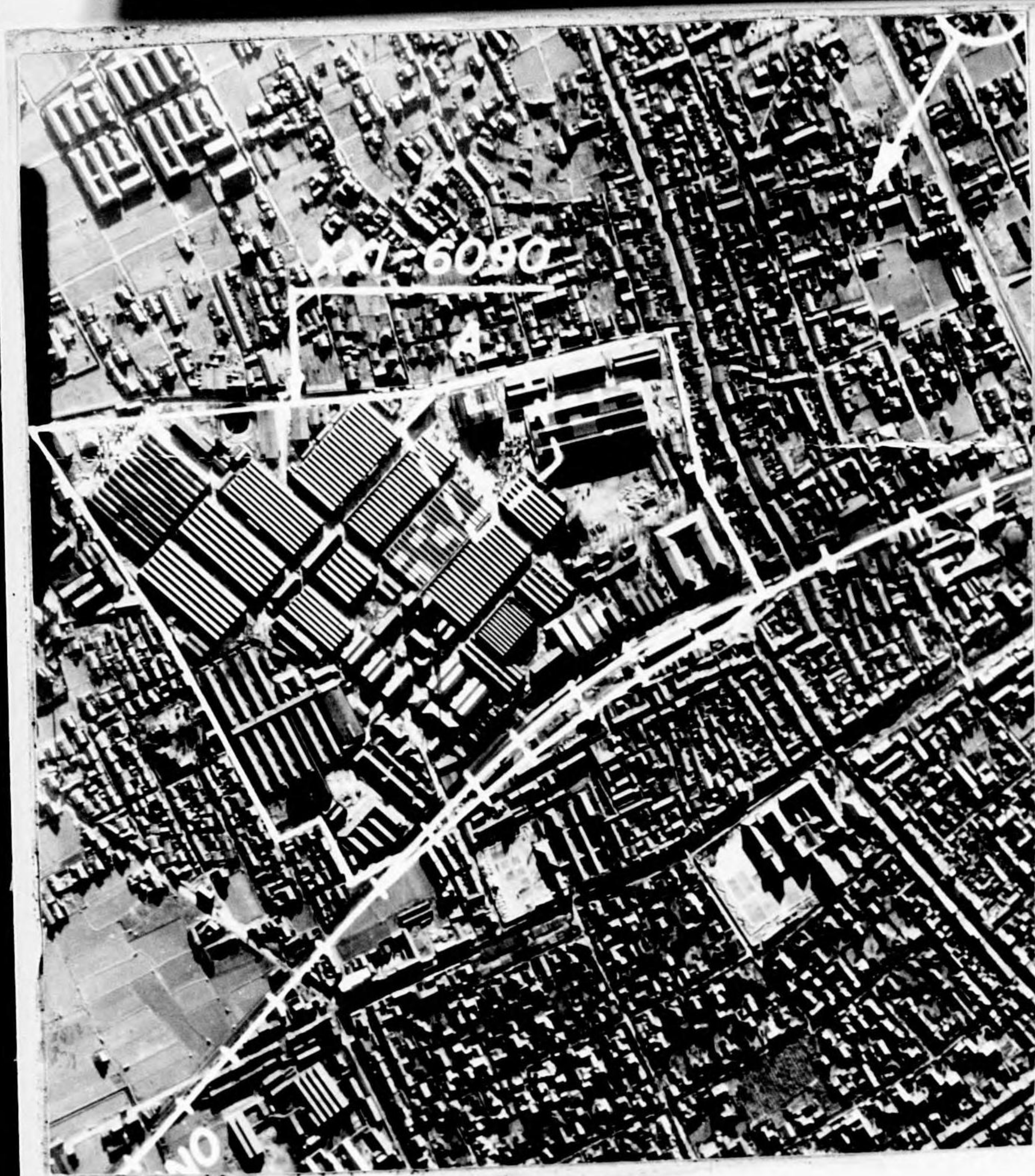
New AEF Target Number/Name Assignment Report No. 7, 31 March 1945 locates this plant just E of Ofuna Junction. It was previously reported as Large Chemical Plant (3PR PIR No. 34).



2046  
SR80  
34/42N  
135/24E

TARGET 2046 (34/42 N--135/24 E) Furukawa Electric Industry, New Furukawa Plant (possible)

New AIF Target Number/Name Assignment Report No. 7, 31 March 1945 located this plant in SW Anagasaki. This target is probably the plant previously reported under the above coordinates as Unidentified Industry "A" (CIU Survey Report No. 9).



2047  
Kawanishi  
Aircraft  
Himeji  
Plant.  
34/50N  
134/42E

SEE XXI-4086

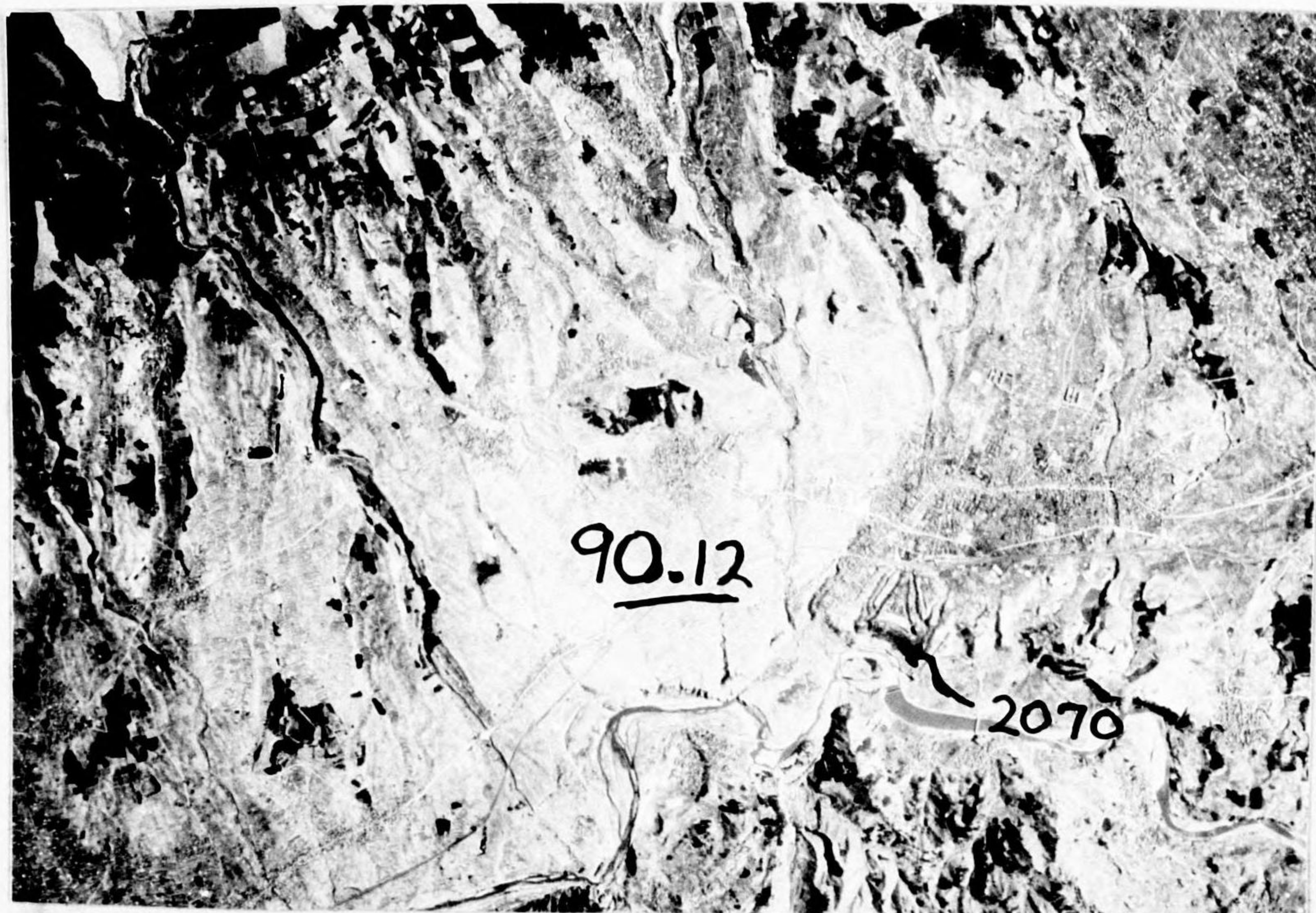
2060  
Kawabe Hydro  
Plant  
SR 105  
35/29N  
137/04E

TARGET 2060 (35/29 N--137/04 E) Kawabe Hydro Plant

New AAF Target Number/Name Assignment Report No. 10, 23 April 1945 locates this plant on Kiso River. This target was previously described as Target XXI 4086 (CJU Survey Report No.79)  
Map reference: AMS, L774, Sheet 5553-III, 1:50,000  
Photo reference: 3PR5M129-2: 59 (No print attached)

90.12 - 2070  
SR. 212

36/19N - 138/25E  
KOMORO HYDRO PLANT  
3PR5M123-IV:74



90.12 - 2072

SR. 212

36/20N - 138/21E

SHIMAGAWARA HYDRO  
PLANT

SPRM 123-IV: 74



See XXI-4085

2076  
Imawatari  
Hydro Plant

SR105  
35/25N  
137/03E

TARGET 2076 (35/25 N--137/03 E) Imawatari Hydro Plant  
This number assigned by New Target Number/Name Assignment Report No. 10, 23 April 1945 - previously described as Target XXI 4085 (CIU Survey Report No. 79).  
Map reference: AMS, L774, Sheet 5553-111, 1:50,000  
Photo reference: 3PR5M129-3R: 92 (No print attached)



2078  
SR98  
31/22N  
130/50E

TARGET 2078 (31/22N - 130/50E) Kanoya Aircraft Works  
New AAF Target Number/Name Assignment Report No. 6, 11 April 1945 locates this plant SW of Kanoya. Plant was previously included as part of the shop and hangar area on the N side of Kanoya Airfield, Target 90.38 1378. No exact boundary between the two targets can be established.





2079  
 SR98  
 33/39N  
 130/26E

TARGET 2079 (33/39N - 130/26E) Fukuoka Seaplane Works

New AAF Target Number/Name Assignment Report No. 8, 11 April 1945 locates this plant N of Fukuoka.



2080  
 SR100  
 Formerly  
 33/14N  
 131/39E  
 481-6115  
 SEE XXI 6115

TARGET 2080 (33/14 N--131/39 E) Ohta Naval Air Depot Engine Section (Building removal)

Formerly reported as 90.33 XXI 6115 (CIU Survey Report No. 63). Two buildings have been either removed or destroyed since 3 April 1945 (see detached annotated print)

- 1. 48' x 160'
- 2. 112' x 190'

2081

Oita Naval Air Depot  
Airframe Section

SR 105

33/14N

131/38E

See 90.33  
XXI 6116

TARGET 2081 (33/14 N--131/38 E) Oita Naval Air Depot Airframe Station

New AAF Target Number/Name Assignment Report No. 10, 23 April 1945, locates this target N of Oita A/F. It is S of and adjacent to Oita A/F - previously described as XXI 6116 (CIU Survey Report No. 63).  
Map reference: AMS, L571, Sheet 46, 1:250,000  
Photo reference: 5M103: IV: 105



2084

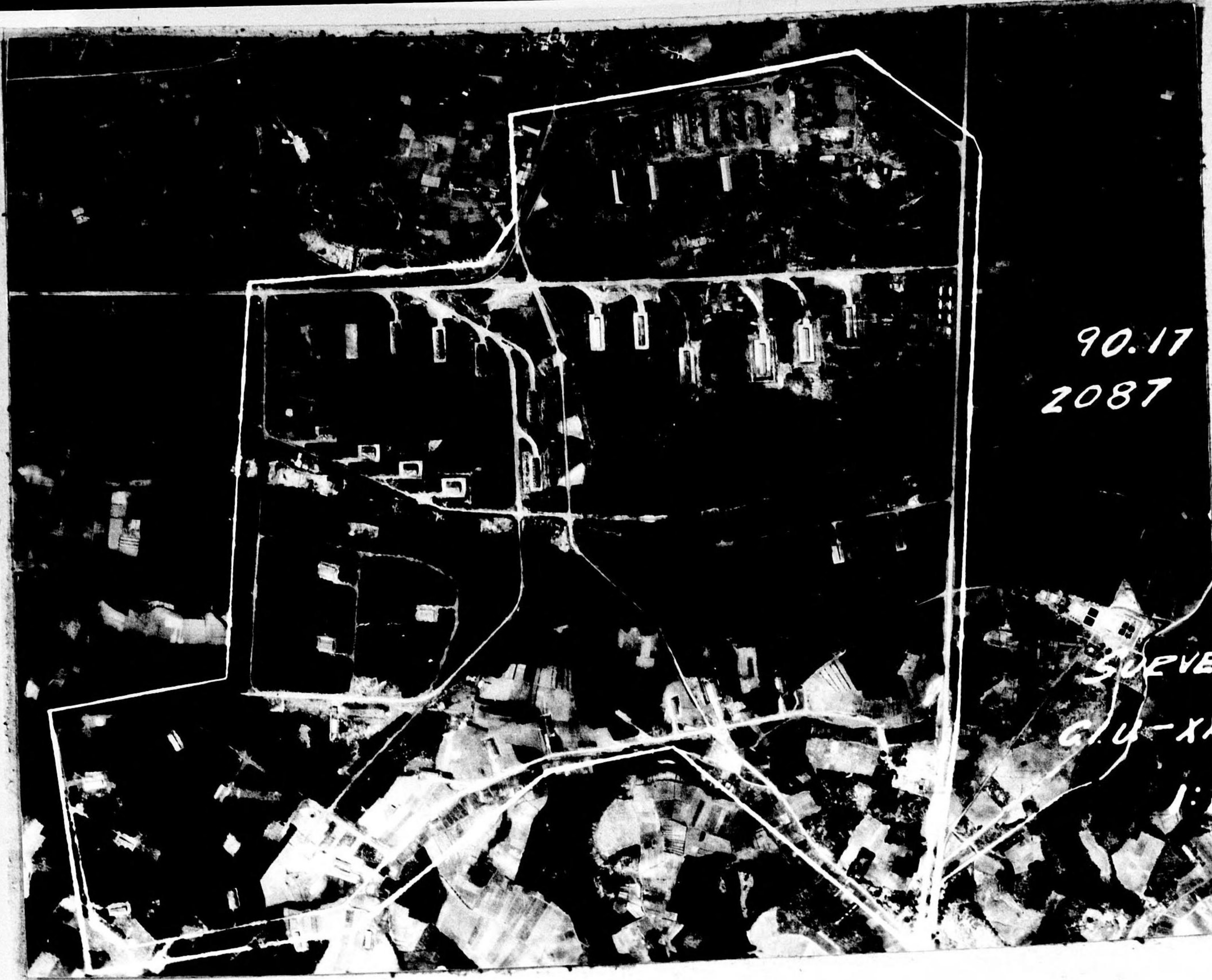
35/43N

139/48E

SR 9B

Tokyo Gas Co.

Senju Works



2087  
SR154  
39/29/25  
139/30/00

90.17  
2087

5 DEVE  
CIU-XA

TARGET 2087 - Kami-Soya Munitions Storage (35/29/25N - 139/30/00E)

Location confirmed. Previously reported in CIU Survey Report 138 as 90.17-XXI 3014 - only partial photo coverage was available at that time.

2088-A  
SR98

Formerly 90.13 XX1636  
36/12N  
139/18E

Fukaya Branch of Tokyo No 1  
Arsenal

2088-B

SR 98

Formerly 90.13 <sup>5</sup>

~~XXI 6138~~

36/13N

139/18E

Fukaya Branch of Tokyo No 1  
Arsenal

2089

Tama Branch of

Tokyo No. 2

Arsenal

SR 105

35/38 N

139/29 E



TARGET 2089 (35/38 N--139/29 E) Tama Branch of Tokyo No. 2 Arsenal

New AAF Target Number/Name Assignment Report No. 8, 11 April 1945 locates this target S of Tama - previously described as "Probable Ammunition Dump and Rail Head" (3PR PIR No. 33, 14 December 1944).

Map reference: AMS, L571, Sheet 30, 1:250,000

Photo reference: 3PR4M37A-2: 5 (No print attached)

209/  
SR98

34/46N

134/52E

Formerly XXI 5030

**Kakogawa Munitions Storage**

**2092**



Sur 191  
90.33

TARGET 2092 - Sakanoichi Branch of Tokyo No. 2 Arsenal

Latest coverage reveals that target occupies a larger area than was previously indicated (CIU Survey Report 98). For revised target area, see attached annotated print.

2092  
SR98  
33/14N  
131/44E



TARGET 2092 (33/14N - 131/44E) Sakanoichi Branch of Tokyo No. 2 Arsenal

New AAF Target Number/Name Assignment Report No. 8, 11 April 1945 locates this plant just E of the Ono River - 6" photo coverage only available to date.

2093  
SR97  
33/01N  
130/28E



TARGET 2093 (33/01 N--130/28 E) East Onuta Munitions Storage

An irregularly-shaped target area covering about 2,000,000 sq. ft., located 1500' SE of Target 1262. Dispersed at the W end of the area are 15 major and numerous smaller plant buildings, while the central and E parts of the area contain 18 heavily re-vetted storage buildings.

2094 ✓

SR98

Arao Branch of Tokyo

No. 2 Arsenal

Formerly 90.35 6160

XXI 6160

32/58N

130/28E

TARGET 2094 (32/58N - 130/28E) Arao Branch of Tokyo No. 2 Arsenal

New IAF Target Number/Name Assignment Report No. 8, 11 April 1945 locates this plant just E of Arao-Machi. Plant was previously reported as Target XXI 6160, Powder Plant (CIU Survey Report No. 90).

90.17 - 2095

SR. 212

35/52N -

139/32E



KAWAGOE BRANCH  
OF TOKYO No 1  
ARSENAL

3PRSM41-IV:39

See XXI 3087

2096  
Atsugi Aircraft  
Works  
SR 105  
35/28N  
139/26E

TARGET 2096 (35/28 N--139/26 E) Atsugi Aircraft Works

New AAF Target Number/Name Assignment Report No. 10, 23 April 1945 locates this plant 9 miles W of Yokohama. The plant is immediately NW of Atsugi A/F, Target 2750. This target was previously described as Target XXI 308 (CIU Survey Report No. 34).

Nakajima Aircraft  
Oniya Plant

2097  
SR 122  
35/56N  
139/38E

TARGET 2097 (35/56 N--139/38 E) Nakajima Aircraft, Oniya Plant

New AAF Target Number/Name Assignment Report No. 11, 30 April 1945, locates this plant  $1\frac{1}{2}$  miles NE of Oniya - previously reported as "Probable Aircraft Plant" (CIU Survey Report No. 5).



2100  
36/35  
140/39

Hitachi Engineering  
Works

Tago Plant

see 90-14 XXI 6146

2100  
36/33N  
140/38E  
SR 141

TARGET 2100 (36/33N--140/38E) Hitachi Engineering Works, Tago  
Plant: New IAF Tgt No./Name Assgmt Report 11 of 30 April locates  
this plant in Taganachi, about 3 miles SSW of Target 90.14-1476.  
Target 2100 was earlier reported as XXI 6146 (in CIU Survey Report  
No. 73).

90.17-2101

SR 202

Adachi Electric Co.

Yokohama



90.17-2102

SR. 220

REFER TO:-

90.17-2127

CENTRAL INDUSTRIAL

Co. OMORI

**Oriental Communications  
Equip. Co.**

2107  
SR122  
35/32N  
139/41E

TARGET 2107 (35/32 N--139/41 E) Oriental Communications Equip. Co.

New AAF Target Number/Name Assignment Report No. 11, 30 April 1945, locates this plant adjacent to and on E side of S end of Target 90.17-112 - previously reported as "Unidentified Industry A" (CIU Survey Report No. 15). Approximately 52 (75% of building area) of 60 buildings within the plant area have been gutted or destroyed by fire as a result of XXI DC Missions 68 and 69 - 15 April 1945.

90.17 - 2108

SR 220

Tokyo - Shibaura Electric Co.

Kyomachi Plant



90.17-2110

SR. 220

REFER TO: -

90.17-2127

TANAKA INSTRUMENT MANUF.  
COMPANY

90.17-2111

SR. 220

REFER TO: -

90.17-2127

TOKYO A/C INSTRUMENT  
CO. KAWASAKA PLANT

90.17-2113

SR. 220

REFER TO:-

90.17-2127

TOKYO WIRELESS ~~CO.~~  
ELECTRIC Co, KAMATA  
PLANT

90.17-2114

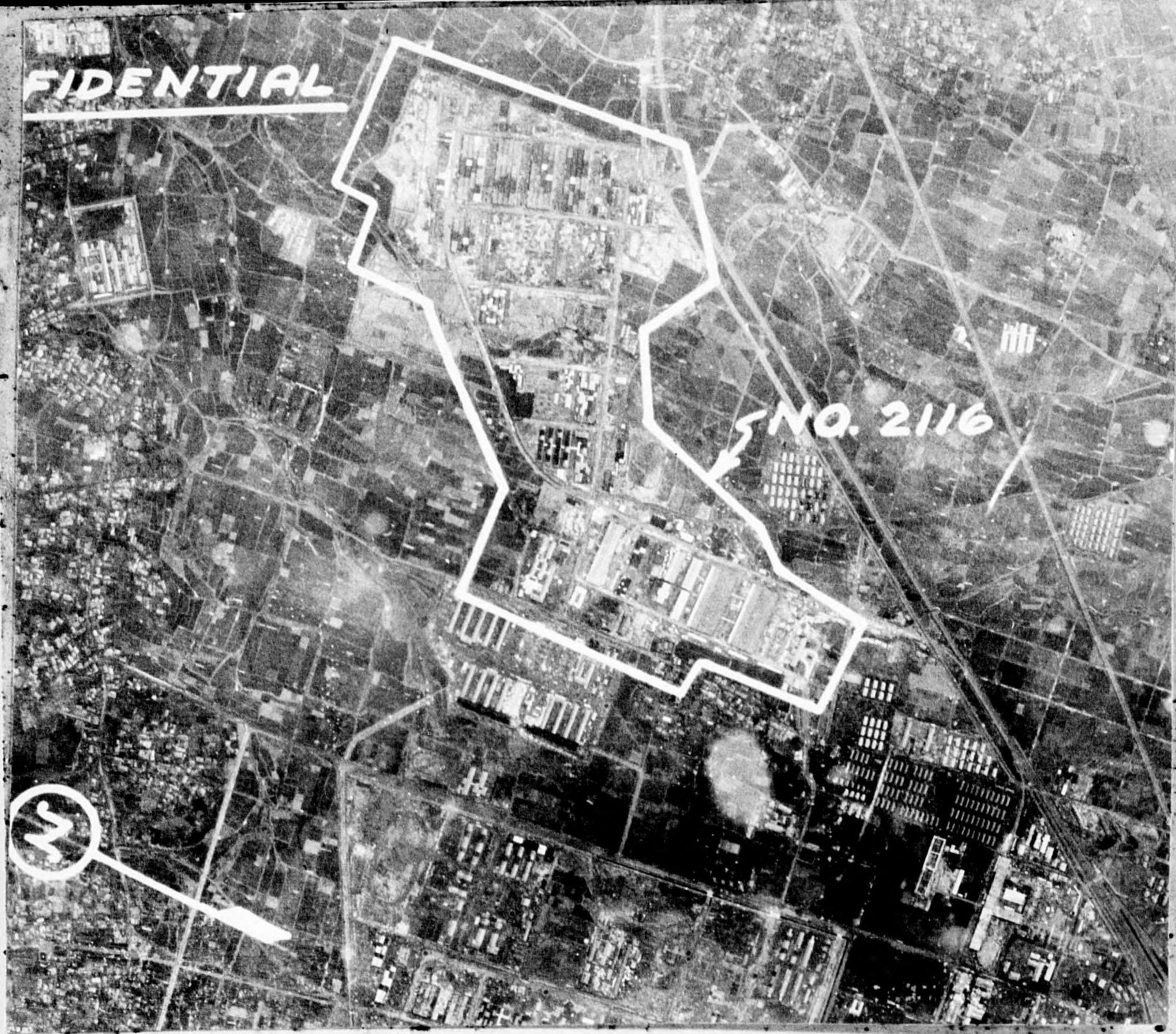
SR. 220

REFER TO:-

90.17-2127

TOKYO WIRELESS ELECTRIC  
Co. KAWASAKI PLANT

~~CONFIDENTIAL~~



~~2116~~  
SR109  
35/07N  
138/53E

Part of  
90.18  
XXI 6050  
DM

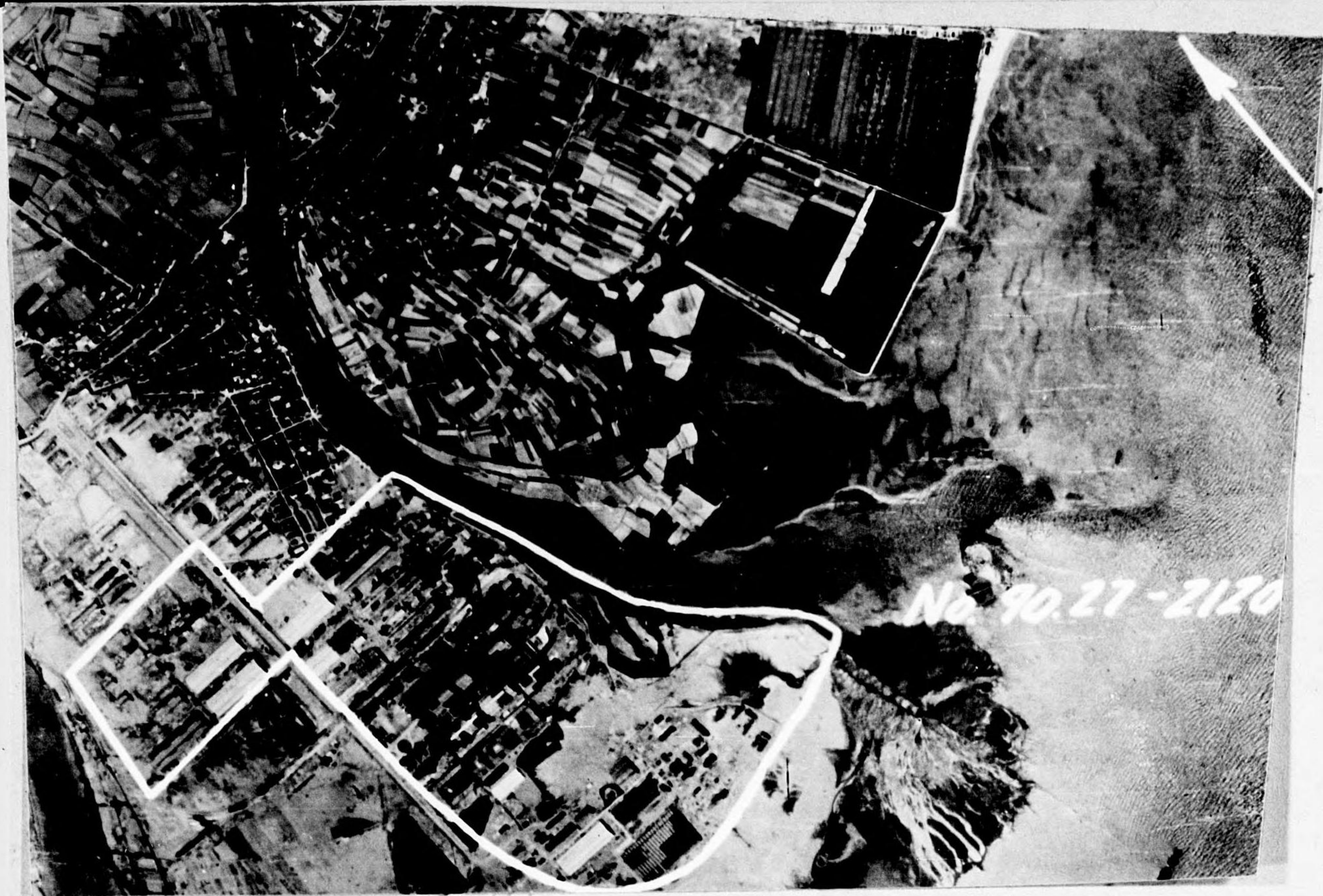
TARGET 2116 (35/07N - 138/53E) Kokusan Electric Co., Mishima Plant  
Formerly reported as part of Target XXI 6050 - located  
about 1 1/2 miles NE of Target 1181.

Kobe Steel Co.  
Yamada Plant

2118  
SR122  
34/30N  
136/44E

TARGET 2118 (34/30 N-136/44 E) Kobe Steel Co., Yamada Plant

New AAF Target Number/Name Assignment Report No. 11, 30 April  
1945, located this plant on shore just NE of Uji Yamada -  
previously reported as "Probable Textile Mill" (3PR FIR 31).



2120  
SR178  
34/46N  
134/35E  
90.27  
90.27

TARGET 2120 (34/46 N--134/35 E) TOKYO SHIBAURA ELECTRIC COMPANY, ABOSHI PLANT:  
Reference locates this plant W of Aboshi Town and about 1 1/4 miles SW of Target  
1281; reports Target 2120 to be a new heavy electrical equipment plant of the  
Tokyo Shibaura Electric Company.

Reference: New AAF Target Number/Name Assignments Report No. 11,  
30 April 1945.

Reference photo: 2:2.

Annotated and attached: 2:2.

Otake Oil Refinery

2121  
SR122  
34/12N  
132/14E

TARGET 2121 (34/12 N--132/14 E) Otake Oil Refinery

New AAF Target Number/Name Assignment Report No. 11, 30 April  
1945, locates this plant on reclaimed land just SE of Otake-  
previously reported as "Target XXI 6121 (CIU Survey Reports  
64 and 90).

90.17-2127

SR 220

Ikegai Iron Works

Kawasaki Plant



2129

35/09N

136/51E

Mitsubishi A/c

Keorimono Plant

See 90.20 XXI 4069

XXI 4070





2128  
35/33N  
139/39E  
SR162  
Okamoto Machine  
Tool Co.

See 90.20  
XXI-4069

2129  
SR141  
35/09N  
136/51E

2129 (35/09N--136/51E) Mitsubishi Aircraft, Keorimono Plant:  
This target is divided in two units. Before issuance of Telecon the  
two units were reported as XXI 4069 and XXI 4070 (in CIU Survey Re-  
port No. 48).



2130  
35/21N  
139/29E  
SR 162

TARGET 2130 (35/21N - 139/29E). Fujisawa A/C Plant

Located N of Fujisawa A/F - probably an underground A/C plant.

Formerly  
1643

2131  
36/32N  
139/53E  
SR 162  
Nakajima A/C,  
Utsunomiya Plant



2132  
34/20N  
133/16E  
SR162

TARGET 2132 (34/20N - 133/16E) Yokoshima Oil Storage

Located on SW coast of Yokoshima about 8 miles SE of Onomichi.

XXI-6127

2133  
SR141  
34/13N  
132/37E

TARGET 2133 (34/13N--132/37E) Hiro Oil Storage: Before issuance of Telecon this plant was reported as XXI 6127 (in CIU Survey Report No. 85).

2133  
Otake Oil Refinery  
34/13N  
132/37E

See 90.30  
XXI 6127



2134  
34/16N  
133/02E  
SR 162

TARGET 2134 (34/16N - 133/02E) Omishima Oil Storage

On NE coast of Omishima - 13 camouflaged oil storage tanks.

XXI 6132

2135  
SR141  
34/06N  
132/34E

TARGET 2135 (34/06N--132/34E) Kurahashi Jima Oil Storage: Before  
issuance of Telecom this target was reported as XXI 6132 (CIU Survey  
Report No. 64).

2135  
34/06N  
132/34E  
Kurahashi-Jima  
Oil Storage

see 90.30  
XXI 6132



2136  
34/43N  
135/27E  
SR162

TARGET 2136 (34/43N - 135/27E) Osaka Machine Co., Osaka No 1 Plant

North of and adjacent to Chibune Station, on Hanshin Electric  
RR line.

Formerly  
1198

2137  
34/47N  
135/22E  
SR162

TARGET 2137 (34/47N - 135/22E) Kawanishi A/C, Takarazuka Plant

Formerly described as "Target 1198" in CIU Survey Report 14 -  
now to be known as Target 2137.

Formerly  
XXI-6154

2138  
36/15N  
139/20E  
SR162

TARGET 2138 (36/15 N—139/20 E) Nakajima A/C, Ojima Plant

Formerly described as Target XXI 6154 in CIU Survey Report 26 -  
now to be known as Target 2138.

Formerly  
XXI-6200

2139  
32/48N  
130/46E

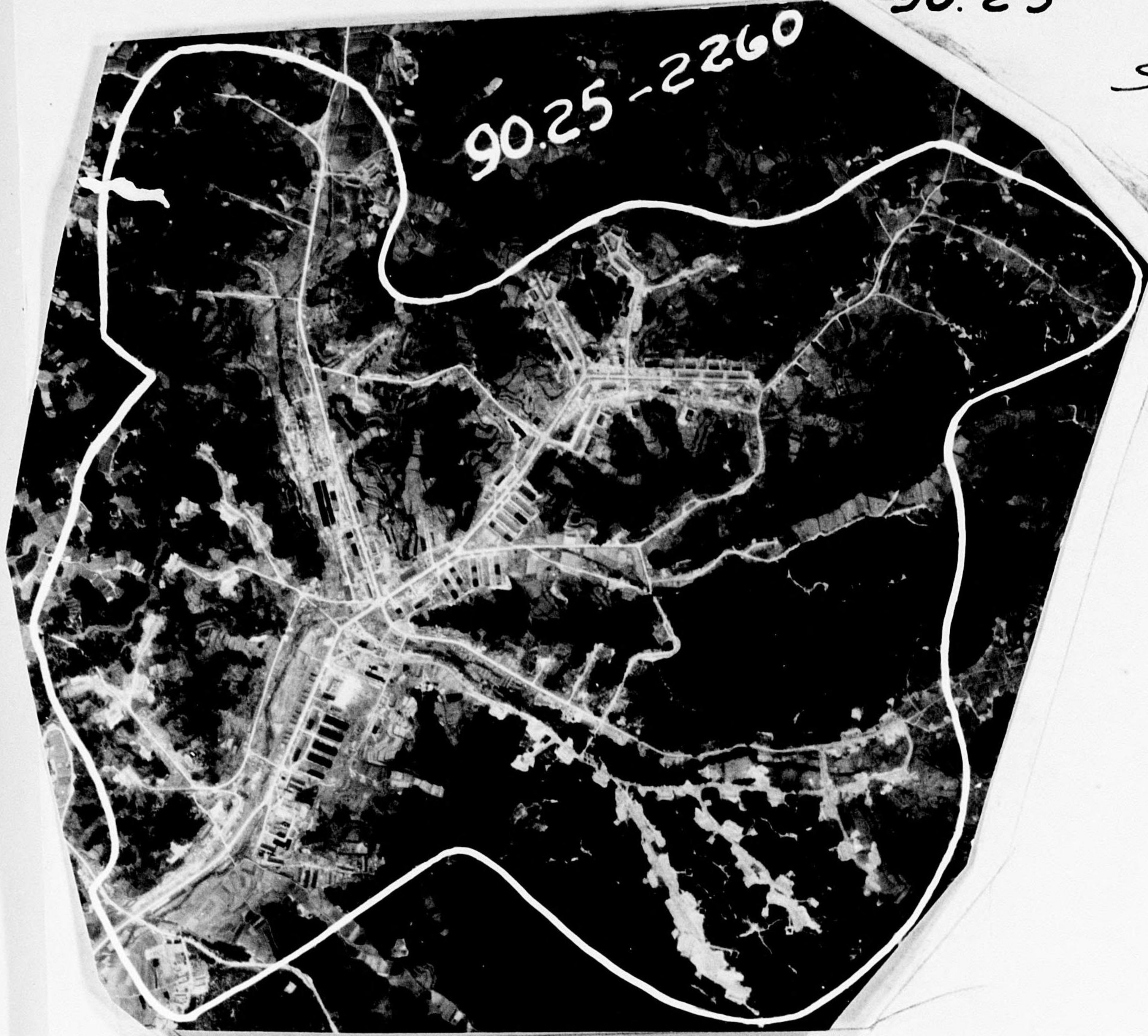
TARGET 2139 (32/48N - 130/46E) Kumamoto A/C Factory

Formerly described as "Target XXI 6200" in CIU Survey Report 121  
now to be known as Target 2139.

90.25

2260

SR. 212



90.25-2260 (34/46N - 135/46E) Kizu Explosives Works

Location as listed in Ref. D is shown on attached photo.

2262

See XXI 6217  
90.9



90.20-2263

SR 212



Gawa RR Bridges  
shown on attached photo.

90.21--2265

SR 207  
34/43N-137/48E

TENRYU-GAWA R.R.  
BRIDGES

3PR5M287-3R:104



90.20-2263



SR 212

90.20-2263 (35/24N - 136/42E) Nagara-Gawa RR Bridges

Location as listed in Ref. D is shown on attached photo.

90.21--2265

SR 207

34/43N-137/48E

TENRYU-GAWA R.R.

BRIDGES

3PR5M287-3R:104



90.35-2166

SR.-212

33/16N-130/25E

KURUME FREIGHT  
YARDS

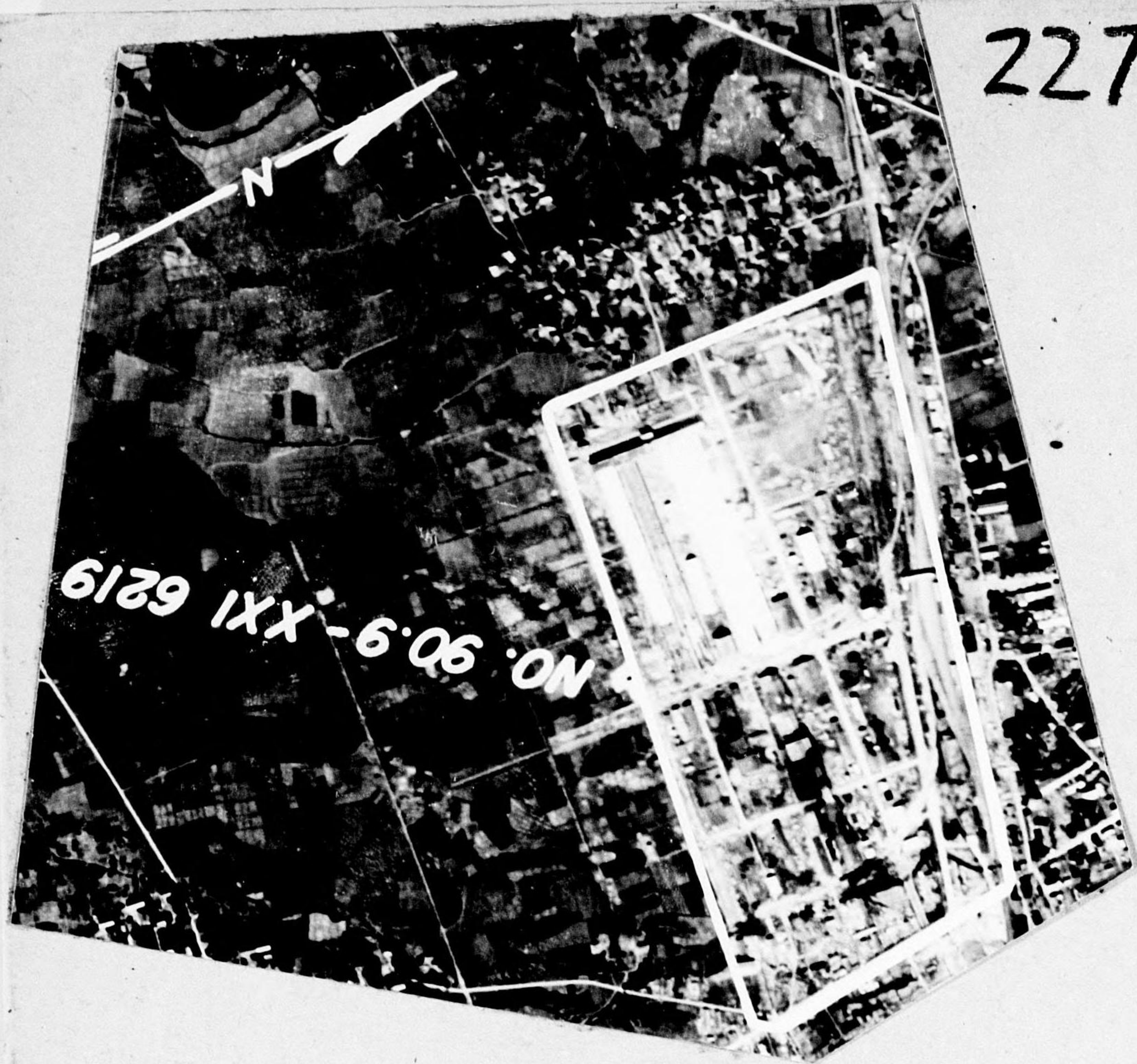


PREVIOUSLY REPORTED AS  
YOSHIZUKA R.R. YARDS,  
FUKUOKA - C.I.U. SURV. REP.  
171 - IN ACCORDANCE WITH  
INFORMATION LISTED IN REF. B  
THE TARGET NUMBER OF THE  
YOSHIZUKA R.R. YARDS HAS  
SINCE BEEN CORRECTED TO READ  
90.35-2165

3PRSM103-IV:65

2268

See Xx1 5068



2270 ~~XXI-6219~~  
SR146  
37/39A  
139/52E  
~~90.9~~  
90.10

KITAKATA ALUMINUM  
PLANT

2270 37/38-139/52

TARGET XXI 6219 (37/39N--139/52E) UNIDENTIFIED INDUSTRY: In a rectangular area of approximately 3,430,000 sq. ft., this target's nine main buildings cover about 500,000 sq. ft. The plant is on the S side of Kitakata Town.

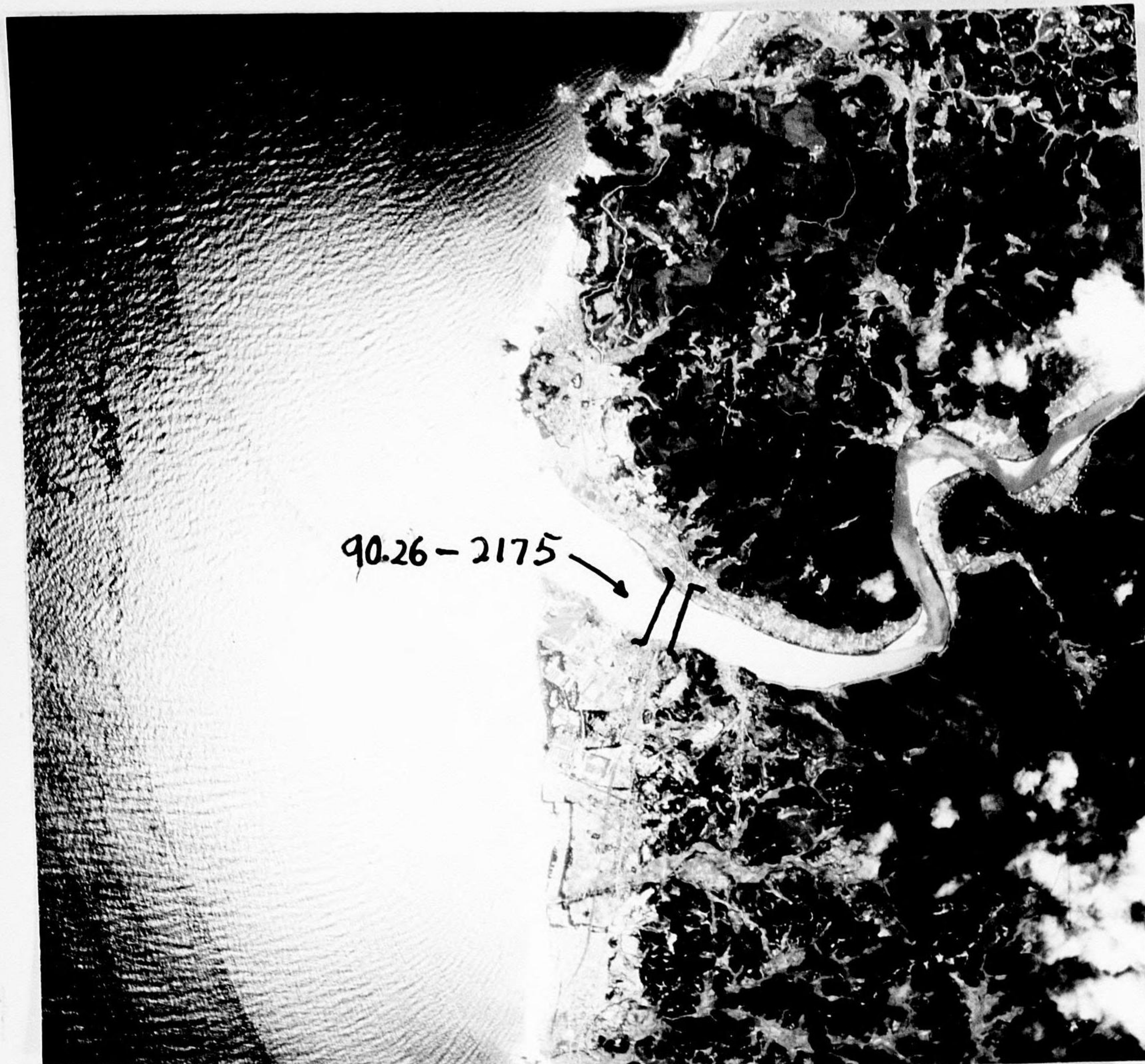
SEE XXI 6219

2270  
SR 225  
37/38-139/52  
90.10

90.26-2175

SR. 212

35/01N-132/14E



GONO-KAWA

R.R. BRIDGES

3PRSM141-2:132

90.26-2175

90.27 2281

Okayama Aircraft  
Complex

34/36N

133/58E

Formerly 90.27

XXI-6057,

XXI-6058,

XXI-6059.



90.30- 2271

SR. 212

SR. 212

90.30-  
2271

212  
CE

Oil Storage

Location as listed in Ref. E is shown on attached photo.

Formerly

90.8 XXI-6275

90.8 2289  
Yamada Oil Storage

39/29N  
142/00E



90.30-2271

SR. 212

SR. 212

90.30-2271 (34/15N - 132/31E) Yoshiura Oil Storage

Location as listed in Ref. E is shown on attached photo.

90-8 2289  
Yamada Oil Storage

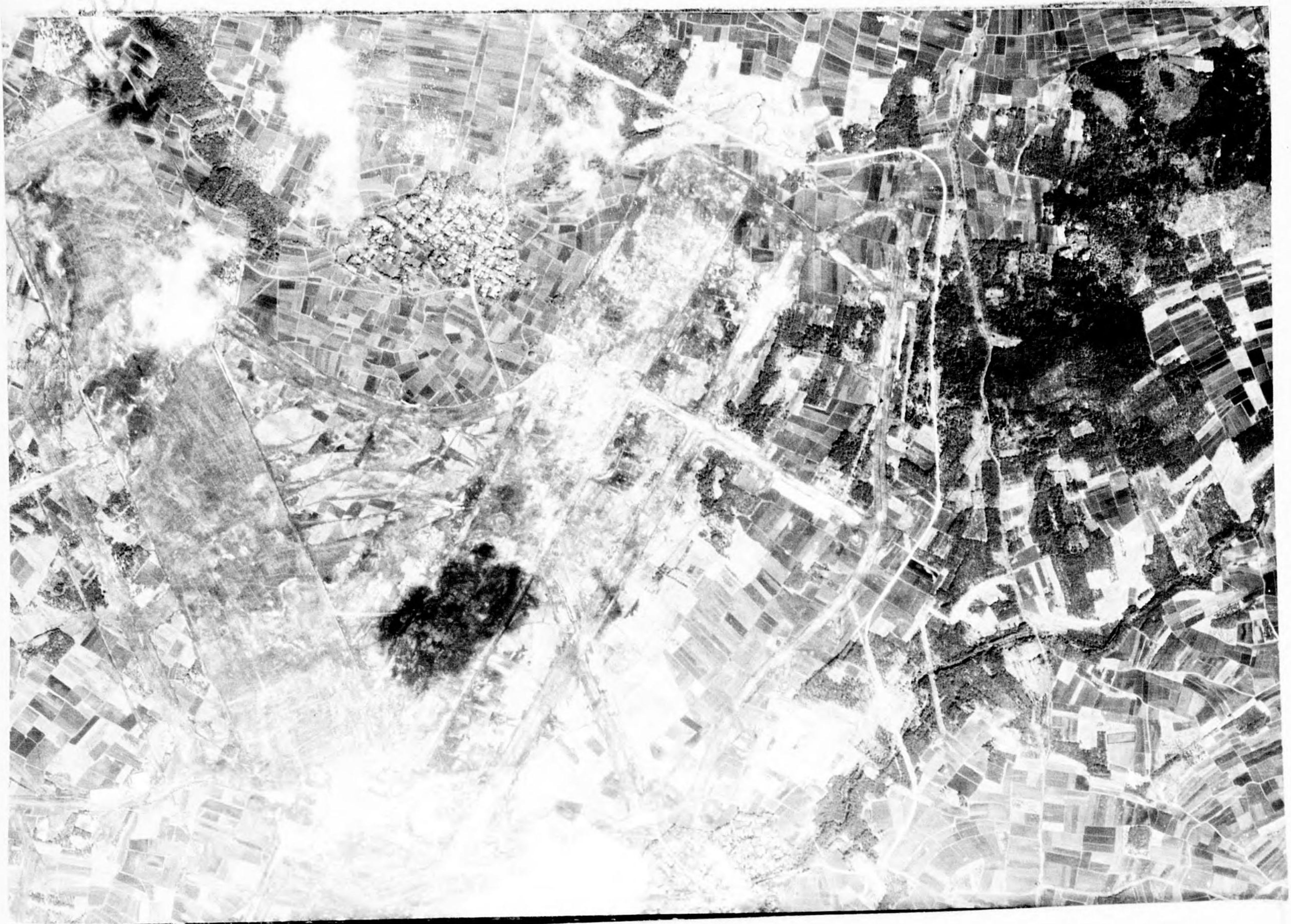
39/29N  
142/00E

Formerly  
90-8 XXI-6275

BYU

31/18 - 130/26

KYUSHU S.



CHIRAN

31/21 - 130/26

KYUSHU S.





Rpt	Date	A/C
S60	25 Mar	Loc. Conf.
F187	4 May	195/e, 4 prob dummy
S117	"	"

Rpt	Date	A/C
<del>F100</del>	25 Mar	Loc. Conf.
S60	" "	" "
F187	4 May	295/e, 2t/e
S117	"	"

FUKUMA

33/47-130/29

SHIMONOSEKI

2502



FUKUSHIMA

33/13-130/32

KURUME

2503



Rpt	Date	A/C
F107 S65	29 Mar "	6" Photo Loc. Conf. " " "

RPT	DATE	A/C	RPT	DATE	A/C
S44	9 MAR 45	6" cover			
F141	13 April	4 slr			
S90	"	2 t/e			
F155	22 Apr.	2 t/e			
S102	"	"			

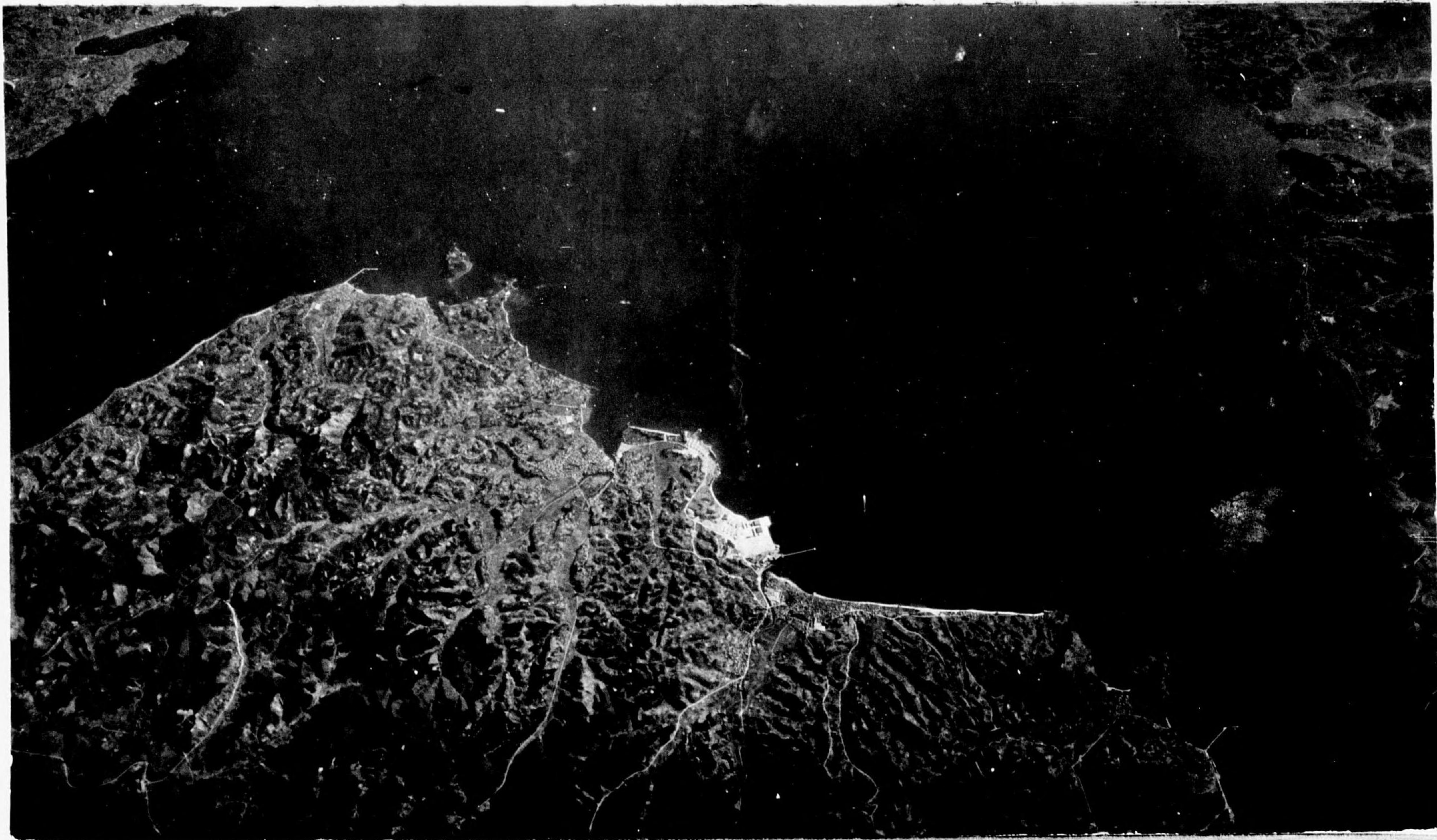
**GORYO**

S.S.

32/30-130/12

YATSUSHIRO

2504



**HAKATA SS**

33/39/30-130/22

KURUME

2505

see GANNOSU card

see M95 for  
photo cov

RPT	DATE	A/C	RPT	DATE	A/C
F100	29 MAR 45	no count			
F100	28 March	loc con.			
S60	25 March	" "			

RPT	DATE	A/C	RPT	DATE	A/C
S44	9 MAR 45	6" cover			
F95	24 MAR	10 s/e 38% cloud			
S56	24 MAR	6 float plaues			
F107	28 MAR	no count pp phot			
S67	" "	" " " "			
F112	31 Mar	12 sk (scap) 1 unid			
S69	31 Mar	13 float plaues			
F121	6 April	11 sle			
S74	6 April	11 sk			
F133	11 April	17 sle			
S83	"	15 sle			
F155	22 Apr.	26 sle sp's, 10 sle			
S102	"	" "			
F180	30 Apr.	17 sle sp's			
S112	"	" "			

~~HITAYASHI~~

HITAYOSHI 289

2506

32/13-130/49

90.37



IBUSUKI S.S.

31/15/30 - 130/40/00

KYUSHU S.

2507



RPT	DATE	A/C	RPT	DATE	A/C
F187	4 May 45	5 sle, 10 + k			
S117	"	"			
F206	12 May	4 sle, 1 + k			
S126	"	" "			

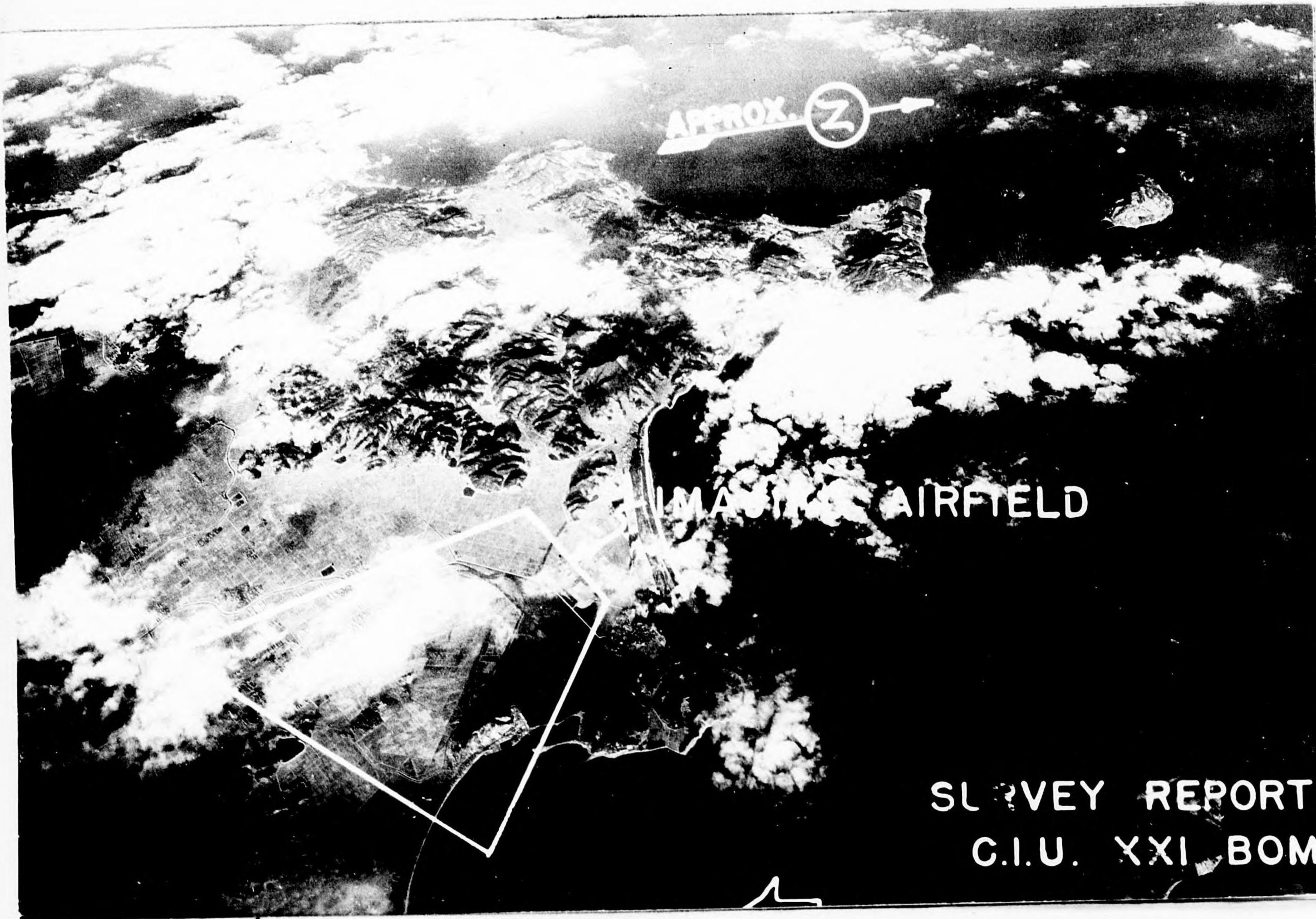
Rpt.	Date	A/C
S 60	25 Mar	Loc. Conf.
F187	4 May	7 sle fp, 5 tle fp.
S117	"	8 sle fp, 5 tle fp.

IMAJIKU

33/35-130/15

KURUME

2508



ISAHAYA

32/51-130/05/30

~~33/35-130/15~~

90.35  
KCB

2509





RPT	DATE	A/C	RPT	DATE	A/C
S44	9 MAR 45	6" cover			
F107	29 MAR	26 sle, 1 t/e			
S65	" "	26 sle, 1 t/e			
F180	30 Apr.	3 sle			
S112	"	3 sle + 18 sle fp's in bay NE of field.			

RPT	DATE	A/C	RPT	DATE	A/C
S44	9 MAR 45	6" cover			

**ITAZUKE**

**33/35 - 130/27**  
**KURUME**

2510

see NAJIMA card

**IZUMI**

**32/05 - 130/20**  
**YATSUSHIRO**

19 288

2512



RPT	DATE	A/C	RPT	DATE	A/C
S44	9 MAR 45	6" cover			
F121	6 April	16 sle, 16 t/e, 7 dummy 1 t/e inop.			
S 74	6 Apr.	13 sle, 16 t/e 9 dummy 1 t/e inop			
F133	7 Apr	19 sle, 16 t/e			
S 83	11 April	28 sle, 14 t/e			
F155	22 Apr.	19 sle, 15 t/e			
S102	"	" "			

RPT	DATE	A/C	RPT	DATE	A/C
F100	25 MAR 45	6" cov.	A/D 45	28 Mar	79 a/c.
S 60	25 MAR	"	F187	4 May	39 sle, 9 t/e
F103	28 MAR	65 sle, 13 t/e	S117	"	"
S 63	28 Mar	62 sle, 16 t/e, 2 inop.			
F132	11 Apr.	56 sle, 25 t/e.			
S 82	11 Apr	76 sle, 27 t/e, 3 t/e down			
F135	12 Apr.	95 sle, 32 t/e			
S 85	"	84 sle, 32 t/e, 12 dam.			
F147	16 Apr.	30 sle, 19 t/e <sup>85%</sup> cover			
S 93	"	" " "			
F151	17 Apr.	71 sle, 23 t/e + destr. dam			
S 97	"	" " 1 sle destr 3 sle down, 3 t/e down			
F153	21 Apr.	71 sle, 20 t/e 3 sle + 4 t/e inop.			
S100	"	" " "			
F155	22 Apr.	68 sle, 19 t/e + dam + destr.			
S102	"	" "			
F180	30 "	41 sle, 7 t/e			
S112	" "	" "			

**KAGAMI**

**32/34/30-130/36/30**

2513

90.37

Prob. Under Construction



**KAGOSHIMA**

**31/33-130/34**  
**KYUSHU S.**

2514

