

G.R.F.T.

Memo to: A. F. Daily, Esq.

From: A. M. Nordale, Esq.

Date: 19th December, 1940.

SUBJECT: Summary of the 1940 Eureka Creek Examination.

Eureka Creek is a left limit tributary which enters Indian River approximately eight miles below the mouth of Sulphur. From the jaws, which are 1,000 feet from the Indian River Base Line, the Main Eureka Creek valley extends upstream about three miles to the Forks where the stream divides into two main branches, called the Right Fork and the Left Fork.

The drilling which began on June 3rd started at the forks and progressed downstream to the mouth and into the Indian River valley. Later the drills returned upstream and drilled several lines on both forks. The work was concluded on August 17th.

On the main creek and both branches, the drill holes were 100 feet apart on lines spaced at 1,000 feet. The holes on Indian River were spaced 300 feet on lines 500 feet apart. Both the Right and Left Forks have very narrow channels and only 4 to 7 holes were required on each line. The main valley, however, is much wider and an average of 15 holes were drilled per line. The drilling on Indian River covered a width of over 2,000 feet. The examination covered a total base line distance of 37,000 feet or 7 miles.

The Dredging reserve includes only the main creek below the forks and the pay extension into Indian River. The indicated value for the ground on the two forks is below the workable limit. They have been hand worked with open cuts extending from rim to rim, leaving no dredgeable side pay.

In the following summary it is presumed that Eureka Creek will be worked by Dredge No. 7 after the Quartz Creek area has been finished.

Total cubic yards of Muck	8,350,282
Estimated Cu.Yds of Muck to be stripped	5,572,078
Estimated Cu.Yds of Muck to be dredged	2,778,204
Cubic Yards Dredging Section	5,560,992
Estimated Total Cu.Yds to be dredged	8,339,196

Total Value with gold at \$35.00	1,816,647
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Estimated Capital Expenditures:	
Power Line - 7 miles	20,000
Dredge Reconstruction	175,000
Road - 9 miles	25,000
Camp Construction	30,000
Stripping & Thawing Equip.	10,000
Unforeseen	<u>25,000</u>

Total Capital Expenditures	285,000
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Estimated Operating Costs:

Stripping	225,000	
Thawing	375,000	
Dredging	750,000	
Total Est. Operating Costs		1,350,000
Total Expenditures		1,635,000
Estimated Profit		182,000
Estimated number of dredge years		15
Estimated profit per dredge year		12,100

Attached are blue prints showing the locations of drill holes and dredge limits also a summary of the dredging reserve.

THE YUKON CONSOLIDATED GOLD CORPORATION, LTD.

By

*A.M. Nordale*

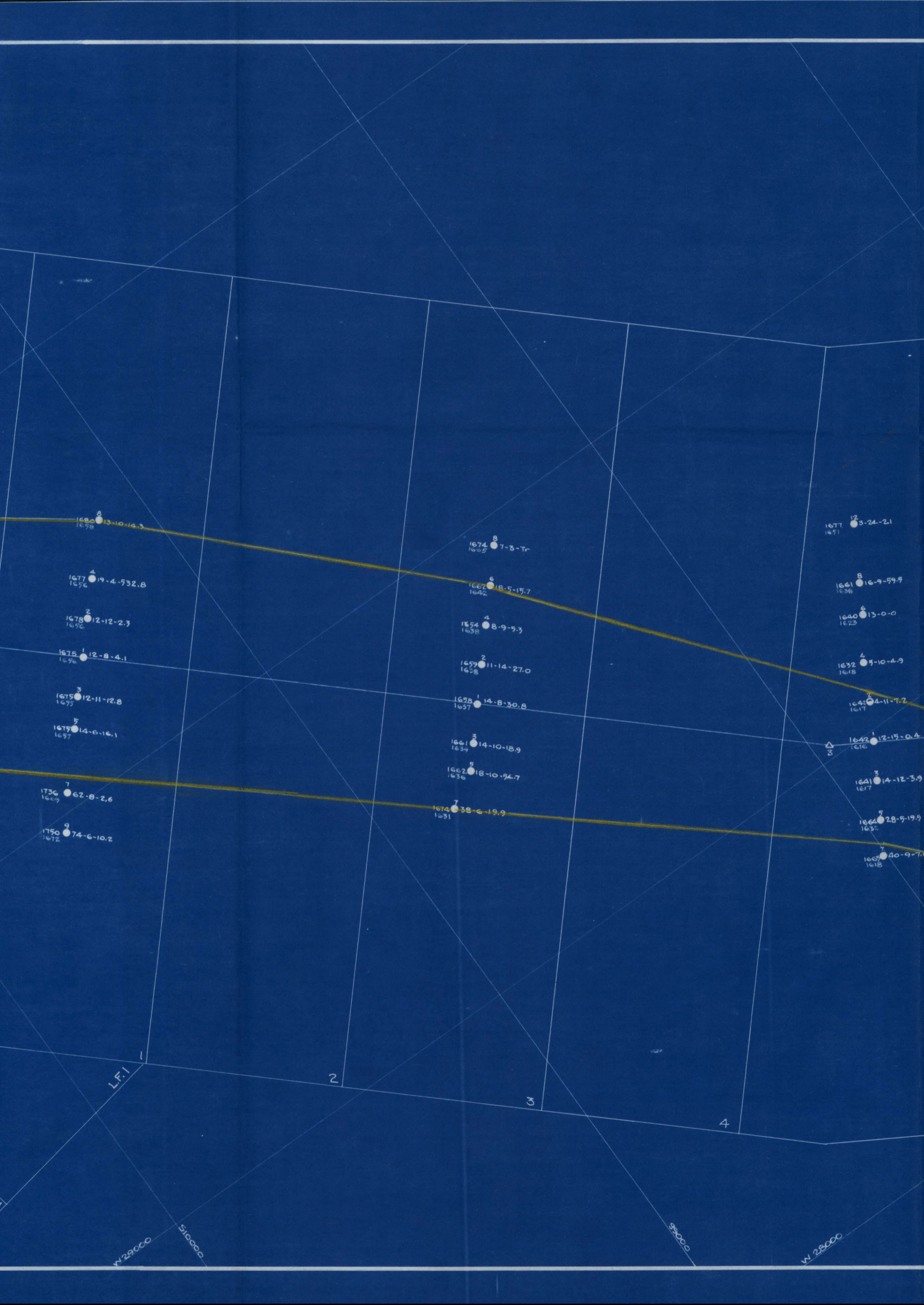
A.M. Nordale.

SUMMARY OF DREDGING RESERVE

EUREKA CREEK

	Eureka Creek	Indian River at mouth of Eureka Creek	Total
Area (Sq. Ft.)	8,925,773	5,465,434	14,391,207
Muck - Total Cu. Yds.	7,244,999	1,125,283	8,350,282
- Cu. Yds to be stripped	5,572,078	-	5,572,078
- " " to be dredged	1,652,921	1,125,283	2,778,204
D.S.- Cubic Yards	3,497,159	2,063,833	5,560,992
Total Cu. Yds. to be dredged	5,150,080	3,189,116	8,339,196
Depths: Total feet of muck	21.8	5.6	15.7
Ft. of muck to be stripped	16.8	-	10.5
Ft. of muck to be dredged	5.0	5.6	5.2
Ft. of dredging section	10.6	10.2	10.5
Total Ft. to be dredged	15.6	15.8	15.7
Gross Value - Au. at \$20.67 per oz.	774,054	298,806	1,072,860
Premium - Au. at \$35.00 per oz.	536,632	207,155	743,787
Total Value	1,310,686	505,961	1,816,647
Value per Sq. Ft. (Au. at \$35.00)	14.7	9.3	12.6
Value per Cu. Yd. D.S. (Au. at \$35.00)	37.5	24.6	32.6
Value per Cu. Yd. dredged- (Au. at \$35.00)	25.5	15.9	21.8





1680 8 13-10-14.3  
1698  
1677 4 19-4-532.8  
1656  
1678 2 12-12-2.3  
1696  
1675 1 12-8-4.1  
1696  
1675 3 12-11-12.8  
1695  
1675 5 14-6-16.1  
1697  
1736 7 62-8-2.6  
1669  
1750 9 74-6-10.2  
1672

1674 8 7-3-Tr  
1605  
1662 6 18-5-15.7  
1642  
1654 4 8-9-5.3  
1638  
1659 2 11-14-27.0  
1658  
1658 1 14-8-30.8  
1637  
1661 3 14-10-18.9  
1639  
1662 5 18-10-94.7  
1636  
1674 7 38-6-19.9  
1631

1677 12 3-24-2.1  
1691  
1661 8 16-9-59.9  
1636  
1640 6 13-0-0  
1623  
1632 4 9-10-4.9  
1618  
1642 2 4-11-7.2  
1617  
1642 1 12-15-0.4  
1616  
1641 3 14-12-3.9  
1617  
1664 5 28-5-19.9  
1635  
1669 7 10-9-7.1  
1618

L.F. |

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3

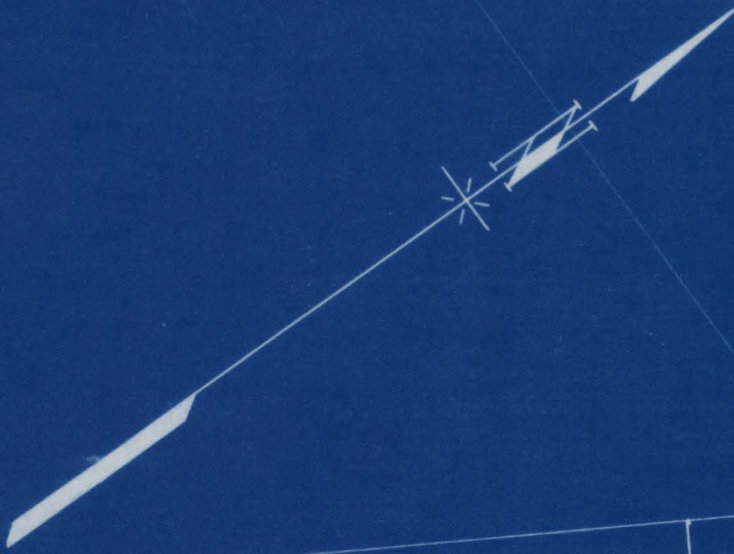
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1677. 12 3-24-21  
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1661 8 16-9-59.9  
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1632 4 9-10-4.9  
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1642 2 4-11-7.2  
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1665 7 40-9-7.0  
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1631 4 12-15-2.8  
1605

1629 2 10-13-3.1  
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1623 1 7-17-Tn  
1600

1613 3 1-10-6.0  
1603

1610 2 1-7-4.8  
1603

1611 7 1-10-23.3  
1602

1625 9 26-11-29.0  
1590

1635 11 48-11-79.0  
1578

1644 13 63-10-8.4  
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1688 17 78-7-2.7  
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Eureka Creek

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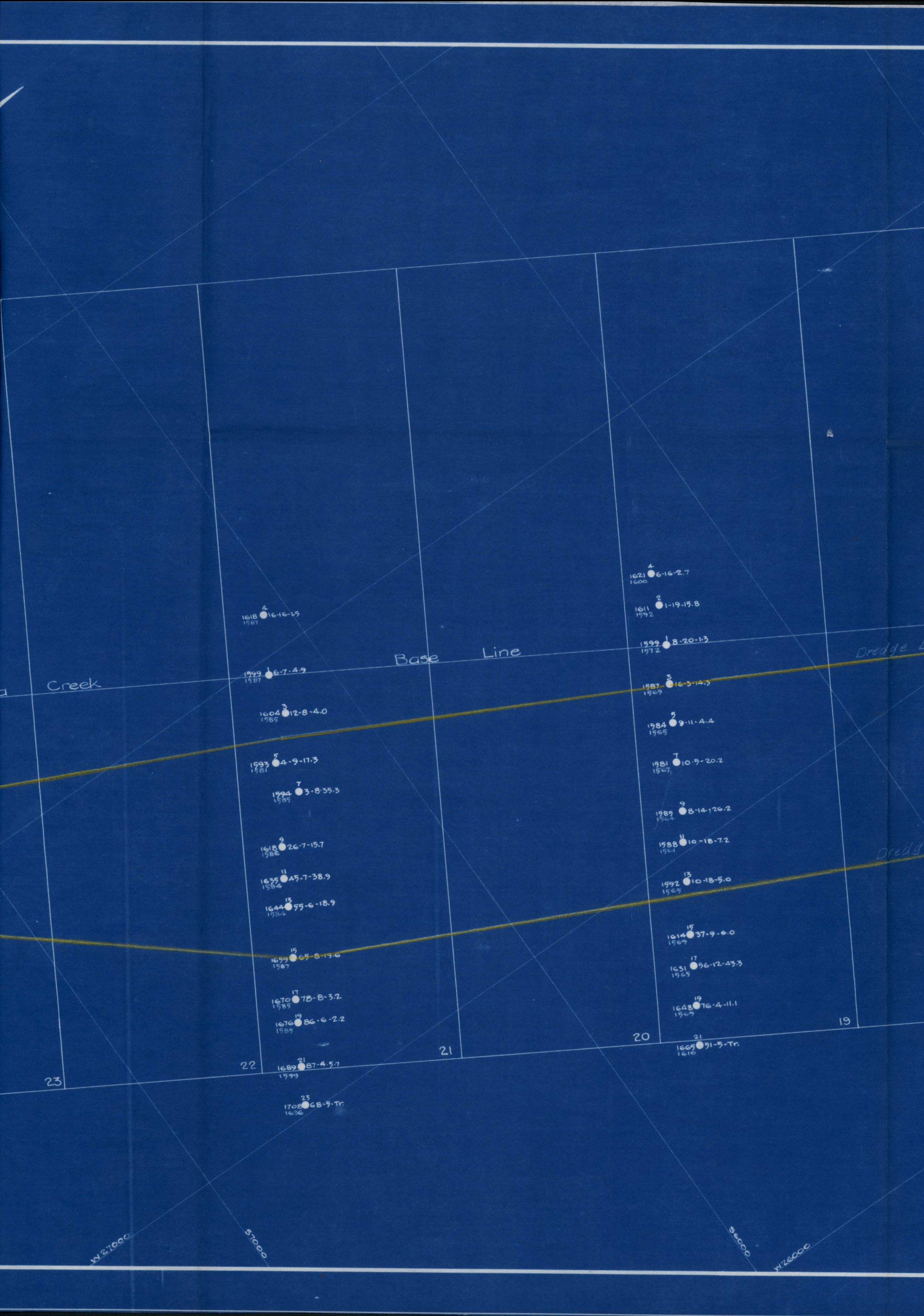
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Base Line

Creek

Dredge

Dredge

1618 4 16-16-65  
1987

1999 6 6-7-4.9  
1987

1004 3 12-8-4.0  
1985

1593 5 4-9-17.3  
1981

1924 7 3-8-35.3  
1989

1618 9 26-7-19.7  
1986

1635 11 45-7-38.9  
1984

1644 13 55-6-18.9  
1984

1699 15 65-8-19.6  
1987

1670 17 78-8-3.2  
1989

1676 19 86-6-2.2  
1985

22 1689 21 87-4-5.7  
1999

23 1702 23 68-9-Tr.  
1656

1621 4 6-16-2.7  
1600

1611 2 1-19-19.8  
1992

1599 1 8-20-1.3  
1972

1587 3 16-3-14.3  
1969

1984 5 9-11-4.4  
1965

1981 7 10-9-20.2  
1967

1589 9 8-14-26.2  
1964

1988 11 10-18-7.2  
1961

1992 13 10-18-5.0  
1965

1614 15 37-9-6.0  
1969

1631 17 56-12-43.3  
1965

1648 19 76-4-11.1  
1969

20 1665 21 91-5-Tr.  
1616

23

22

21

20

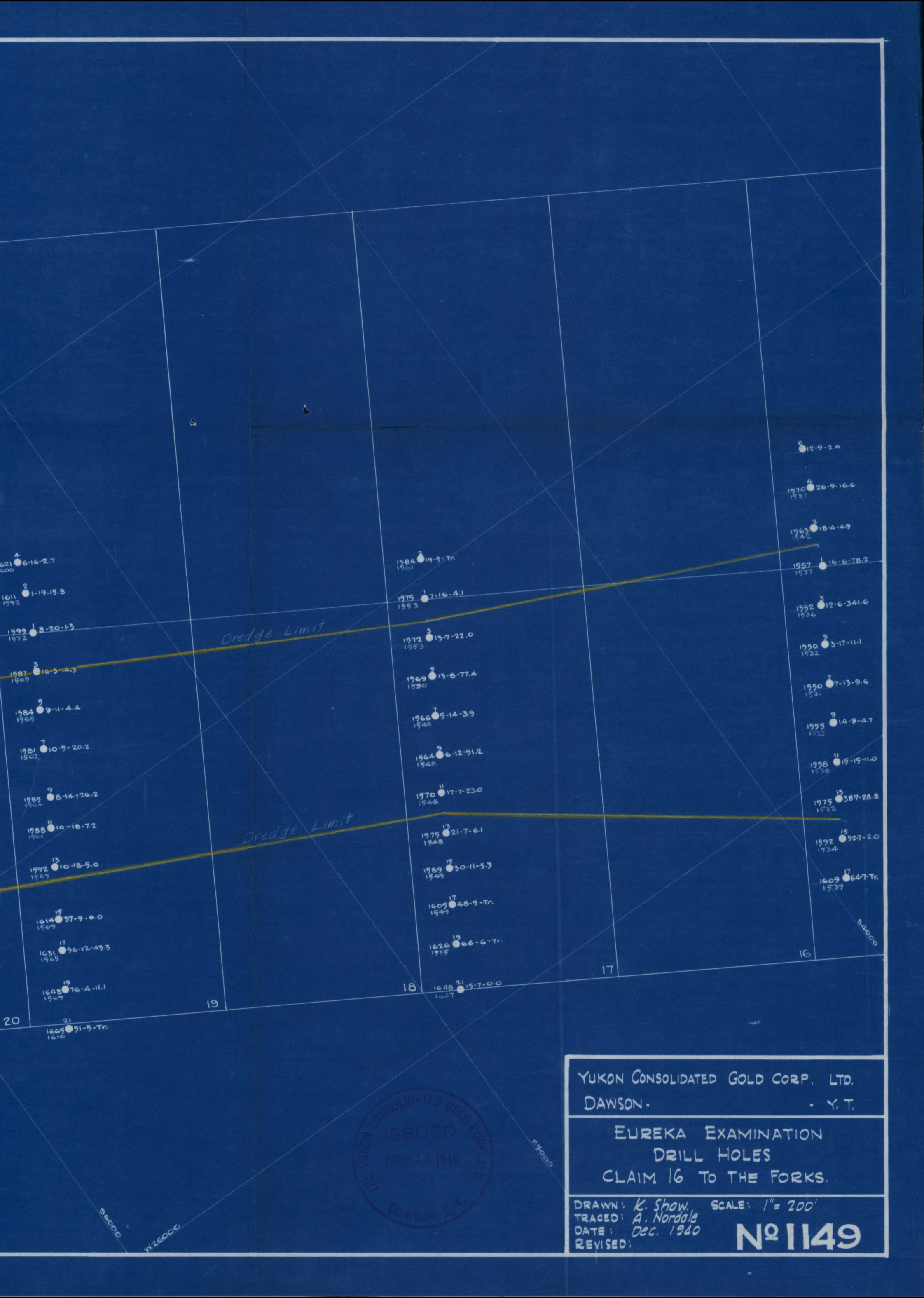
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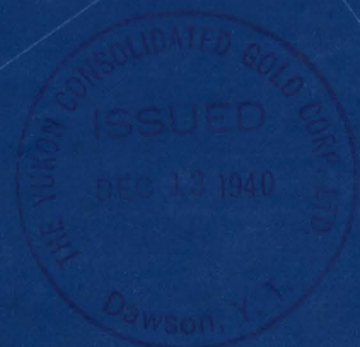
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Dredge Limit

Dredge Limit

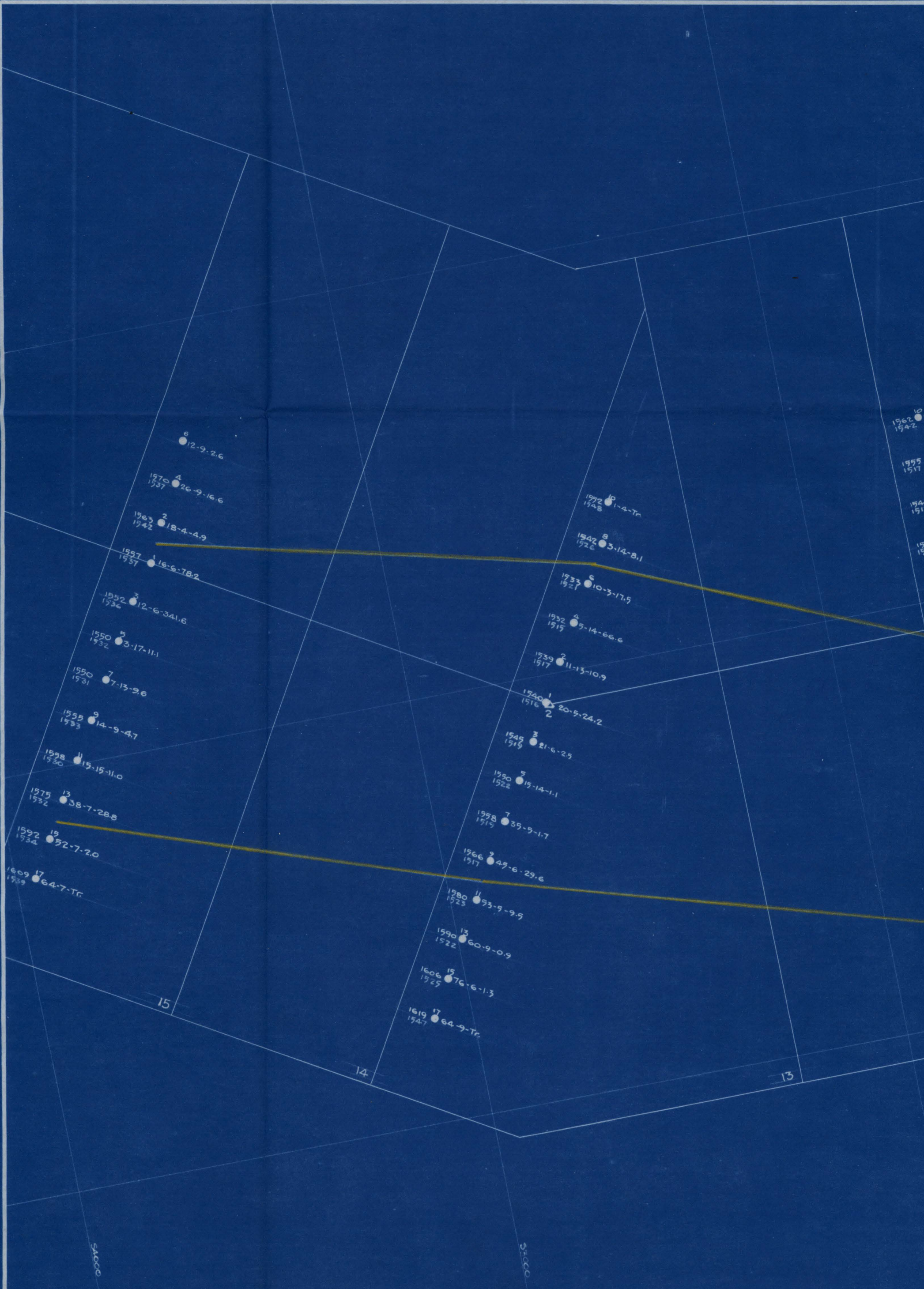


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 DAWSON. - Y. T.

EUREKA EXAMINATION  
 DRILL HOLES  
 CLAIM 16 TO THE FORKS.

DRAWN: K. Shaw. SCALE: 1" = 200'  
 TRACED: A. Nordale  
 DATE: Dec. 1940  
 REVISED:

**Nº 1149**



1962 10 20-2-0.0  
1942

1955 8 34-9-  
1517

1944 26-7-  
1512

1939 4 18-  
1507

1933 2 14-  
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1930 1  
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6 12-9-2.6

1970 4 26-9-16.6  
1537

1963 2 18-4-4.9  
1942

1957 1 16-6-78.2  
1537

1952 3 12-6-341.6  
1536

1550 3 3-17-11.1  
1532

1550 7 7-13-9.6  
1531

1555 9 14-9-4.7  
1533

1558 11 15-15-11.0  
1530

1575 13 38-7-28.8  
1532

1592 19 52-7-2.0  
1534

1609 17 64-7-Tr  
1539

1972 10 1-4-Tr  
1948

1942 8 3-14-8.1  
1526

1933 6 10-3-17.9  
1927

1952 4 5-14-66.6  
1917

1939 2 11-13-10.9  
1517

1940 1 20-5-24.2  
1516

1945 3 21-6-2.9  
1915

1950 5 15-14-1.1  
1522

1958 7 39-9-1.7  
1519

1966 3 49-6-29.6  
1517

1980 11 93-9-9.9  
1523

1990 13 60-9-0.9  
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1606 15 76-6-1.3  
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1619 17 64-9-Tr  
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1562 10 20-2-0.0  
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1955 8 34-5-Tr.  
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1944 6 26-7-9.3  
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1939 4 18-16-49.2  
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1933 2 14-10-6.4  
1510

1930 1 8-9-2.8  
1514

1928 3 14-11-19.7  
1504

1936 5 14-14-16.1  
1504

1935 7 14-16-11.1  
1506

1924 9 14-10-3.8  
1502

1924 11 20-9-14.6  
1497

1930 13 22-11-30.2  
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1937 15 31-10-27.9  
1497

1928 17 42-4-11.0  
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1961 19 32-6-1.1  
1924

12 1571 21 38-9-Tr.  
1929

6 21-5-0.0

1934 4 28-12-2.0  
1499

1926 2 18-15-2.0  
1494

1918 1 10-18-5.9  
1491

1912 3 20-5-25.7  
1488

1911 5 22-3-64.9  
1488

1910 7 6-17-Tr.  
1488

1910 9 8-27-1.9  
1476

1913 11 9-26-3.9  
1479

1913 13 4-31-2.9  
1480

1915 15 16-23-2.0  
1477

1924 17 40-7-19.4  
1478

1936 19 52-9-20.9  
1475

10 1922 21 68-4-31.9  
1482

1967 23 76-6-2.3  
1486

1977 25 64-3-0.0  
1911

Eureka Creek

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Creek

Base

Line

1509  
1475 3 22-5-2.8

1502  
1475 5 18-11-6.6

1493  
1472 7 9-17-1.9

1492  
1471 9 3-20-1.3

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1477 11 7-24-33.9

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1468 13 10-21-8.8

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1469 15 28-7-67.1

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1470 17 35-7-29.9

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1469 19 52-9-24.2

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1473 21 60-3-22.7

1541  
1477 23 58-8-8.2

1549  
1476 25 64-7-4.3

1499  
1475 1 16-10-9.9

1492  
1470 3 4-20-9.3

1485  
1456 5 14-16-1.4

1482  
1454 7 7-23-1.5

1479  
1454 9 11-15-Tr.

1483  
1454 11 16-15-4.9

1485  
1454 13 29-8-9.5

1496  
1454 15 35-9-28.1

1501  
1455 17 40-7-67.7

1506  
1454 19 44-9-18.9

1510  
1455 21 50-7-21.7

1514  
1455 23 58-4-245.3

1519  
1457 25 56-7-48.3

1522  
1461 27 58-4-7.8

1527  
1470 29 54-5-10.6

Dredge Limit

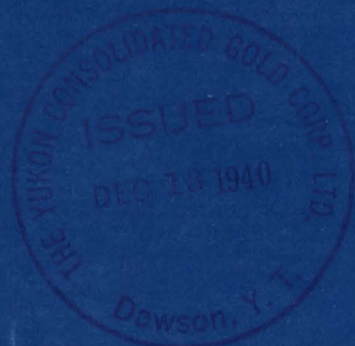
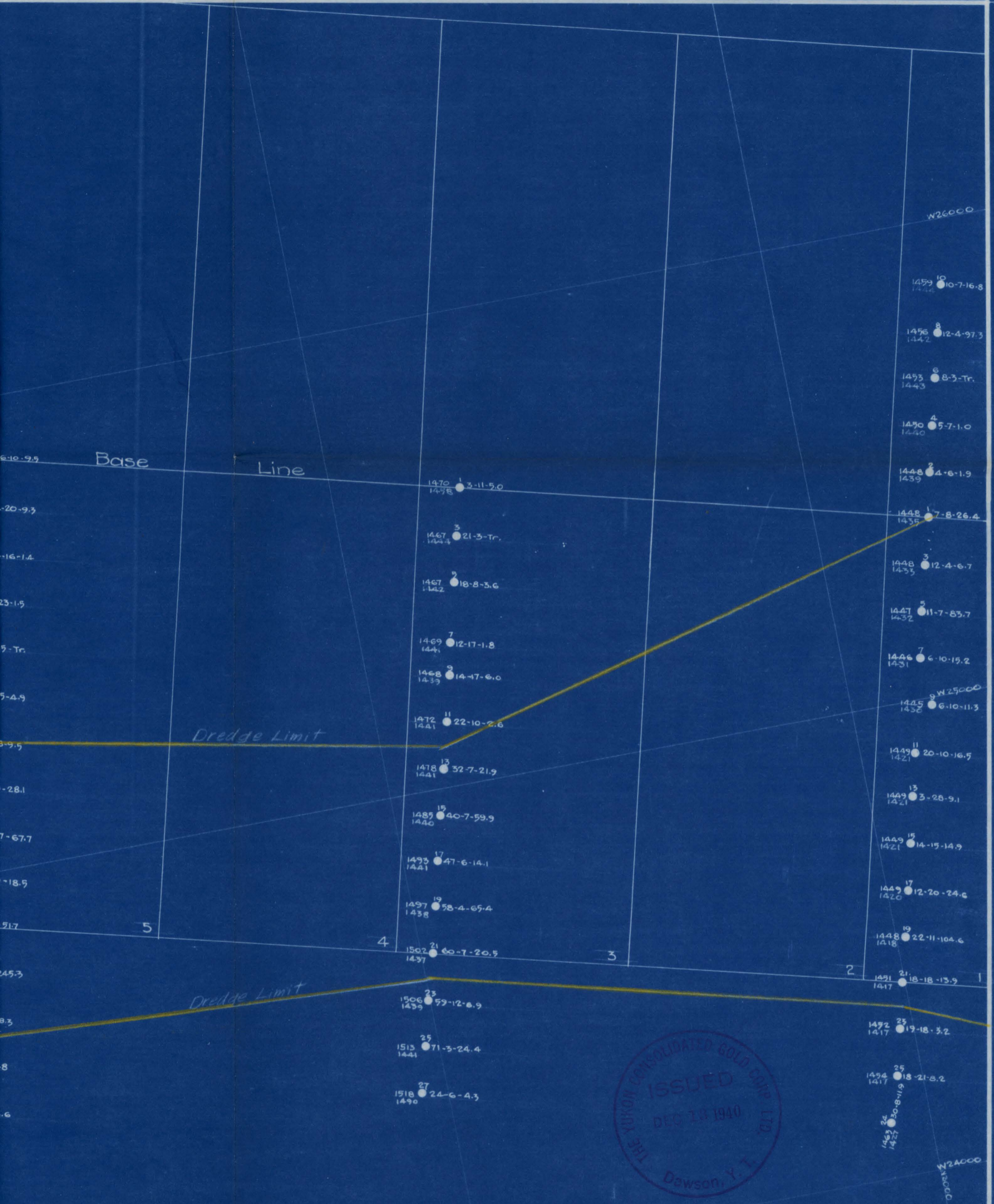
Dredge Limit



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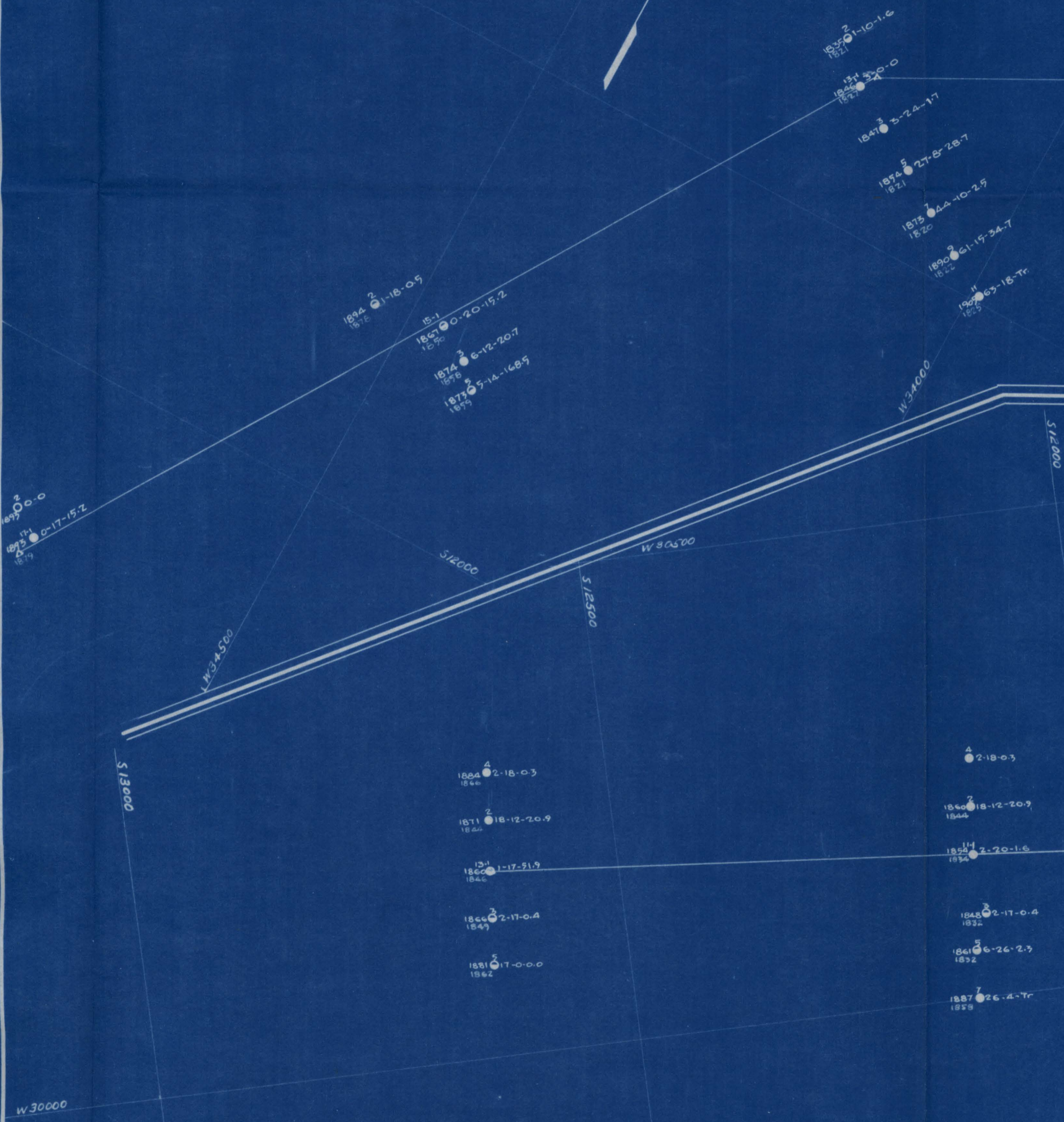
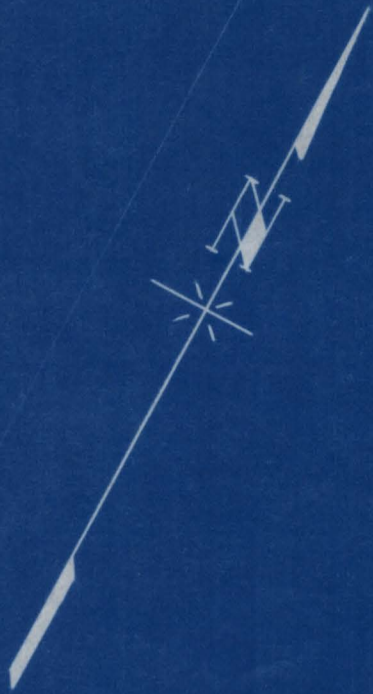


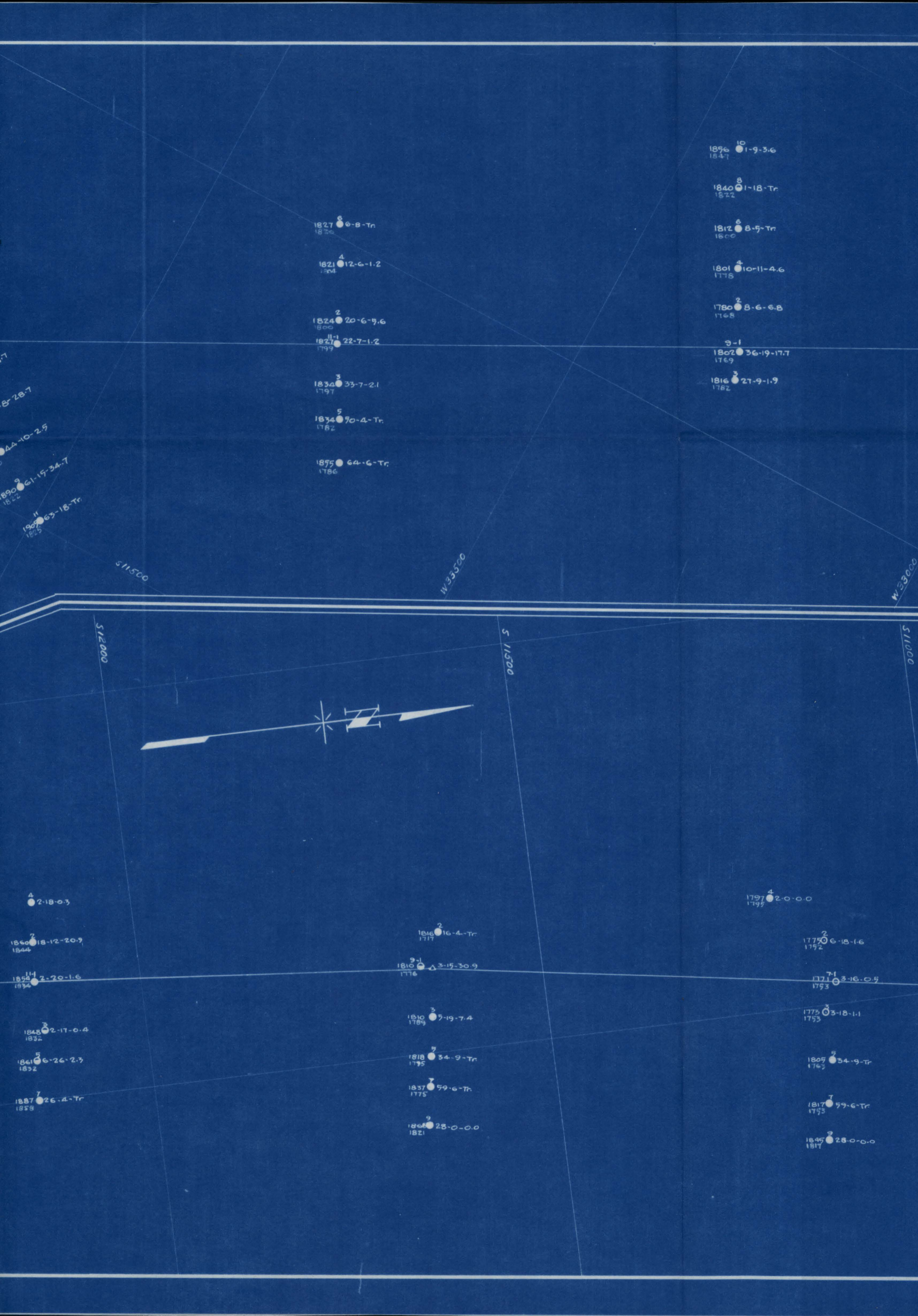
YUKON CONSOLIDATED GOLD CORP. LTD.  
 DAWSON - Y. T.

EUREKA EXAMINATION  
 DRILL HOLES.  
 CLAIM 1 (MOUTH) TO 15

DRAWN: K. Shaw. SCALE: 1" = 200'  
 TRACED: A. Nordale  
 DATE: Dec. 1940  
 REVISED:

**No 1148**





1896 10 1-9-3.6  
1847

1840 8 1-18-Tr  
1822

1812 6 8-5-Tr  
1800

1801 4 10-11-4.6  
1778

1780 2 8-6-6.8  
1768

3-1  
1802 36-19-17.7  
1769

1816 3 27-9-1.9  
1782

1827 6 6-8-Tr  
1856

1821 4 12-6-1.2  
1804

1824 2 20-6-9.6  
1800

1821 1 22-7-1.2  
1799

1834 3 33-7-2.1  
1797

1834 5 90-4-Tr  
1782

1895 64-6-Tr  
1786

8-28-7  
44-10-2.5  
890 3 61-19-34.7  
1822  
1907 11 63-18-Tr  
1825

S 11500

W 33500

W 33000

S 12000

S 11500

S 11000



4 2-18-0.3

1840 2 18-12-20.9  
1844

1852 11 2-20-1.6  
1834

1848 3 2-17-0.4  
1832

1861 5 6-26-2.3  
1852

1887 7 26-4-Tr  
1858

1816 2 16-4-Tr  
1777

1810 9-1 3-15-30.9  
1776

1810 3 7-19-7.4  
1789

1818 7 34-9-Tr  
1795

1837 7 59-6-Tr  
1775

1864 9 28-0-0.0  
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1797 4 2-0-0.0  
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1775 2 6-18-1.6  
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1771 7 3-16-0.5  
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1775 3 3-18-1.1  
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1809 5 34-9-Tr  
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1817 7 59-6-Tr  
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1845 9 28-0-0.0  
1817

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S 110.00

S 115.00

S 110.00

S 105.00

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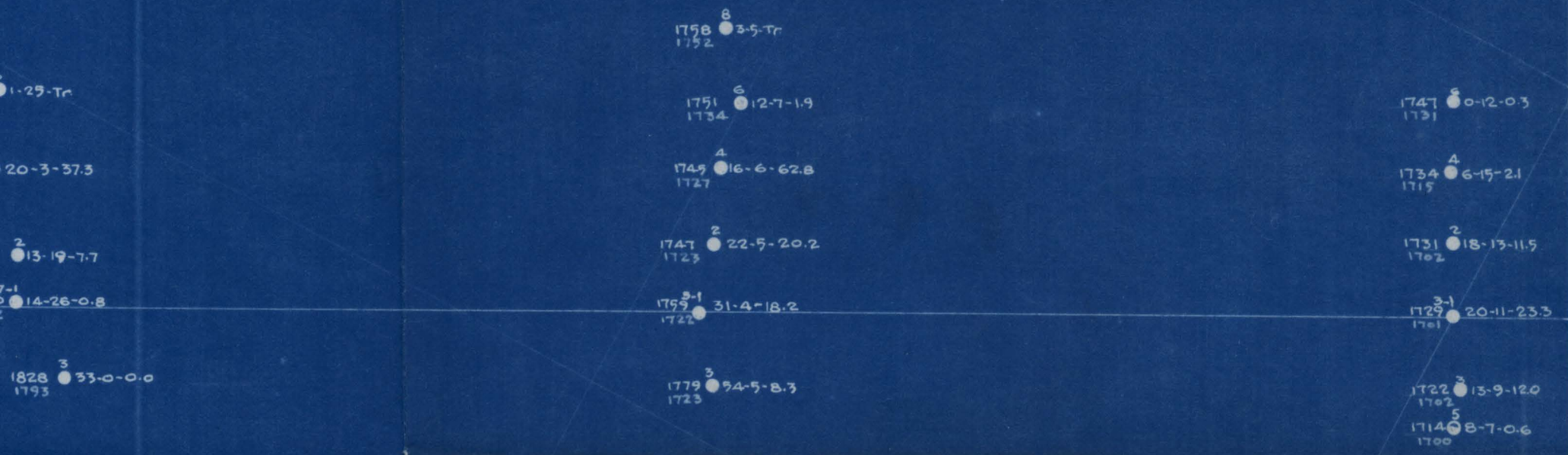
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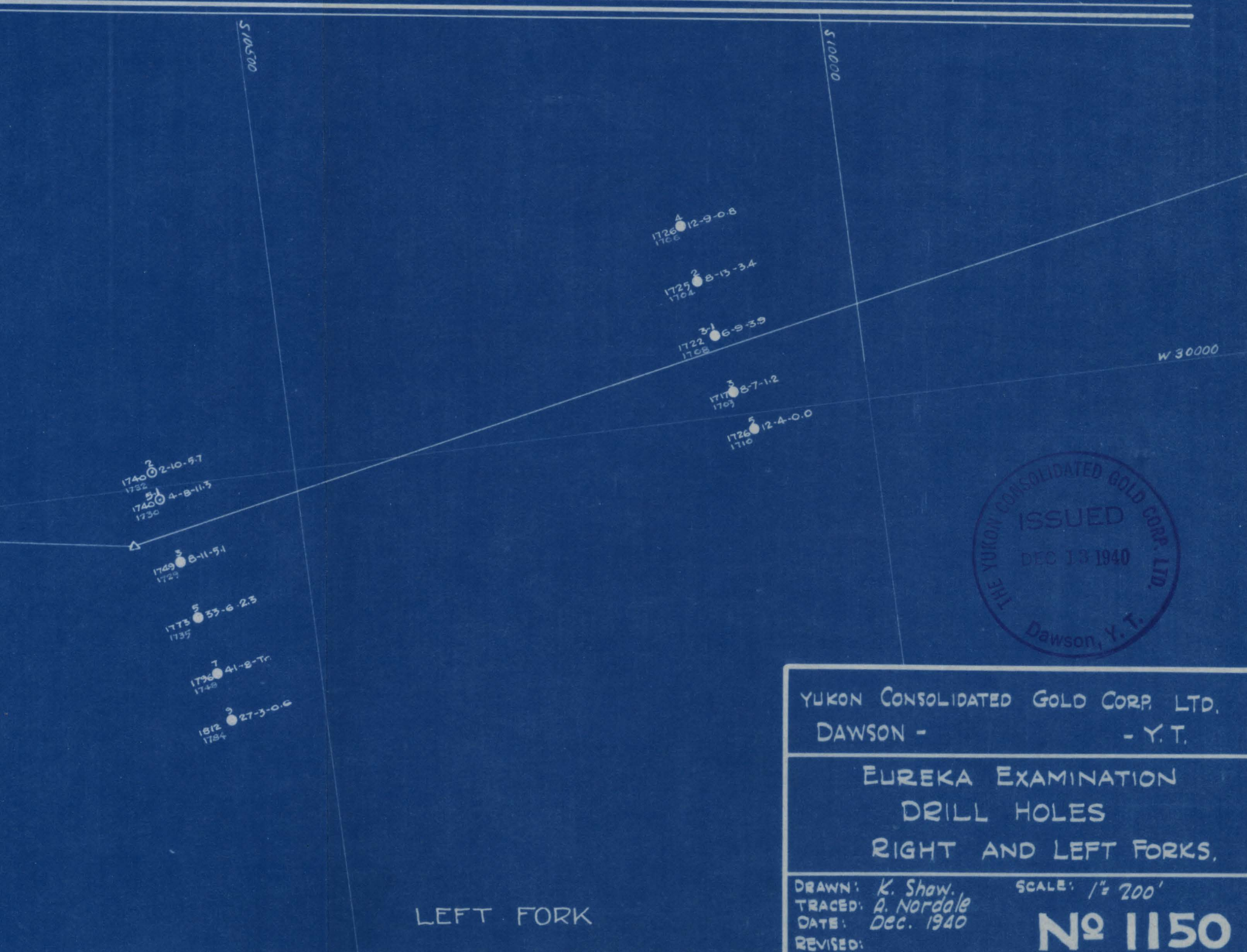


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RIGHT FORK

W 32000

S 10500

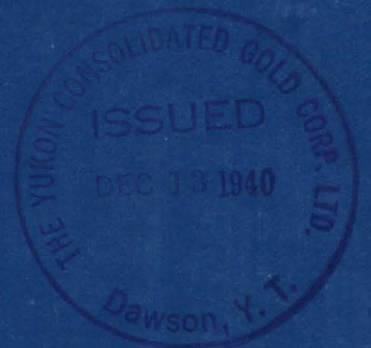


S 10500

S 10000

W 30000

LEFT FORK



YUKON CONSOLIDATED GOLD CORP. LTD.  
 DAWSON - - Y. T.  
 EUREKA EXAMINATION  
 DRILL HOLES  
 RIGHT AND LEFT FORKS.  
 DRAWN: K. Shaw. SCALE: 1" = 200'  
 TRACED: A. Nordale  
 DATE: Dec. 1940  
 REVISED:  
**№ 1150**



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RG \_\_\_\_\_ MG 28 R- \_\_\_\_\_ SERIES/SÉRIE III-43  
ACCESSION \_\_\_\_\_ VOL 25 PAGE(S) 16  
BOX/BOÎTE \_\_\_\_\_ REEL/BOBINE \_\_\_\_\_  
FILE/DOSSIER Old Reports, Maps etc. Eureka Creek 1940  
DATE March 2014