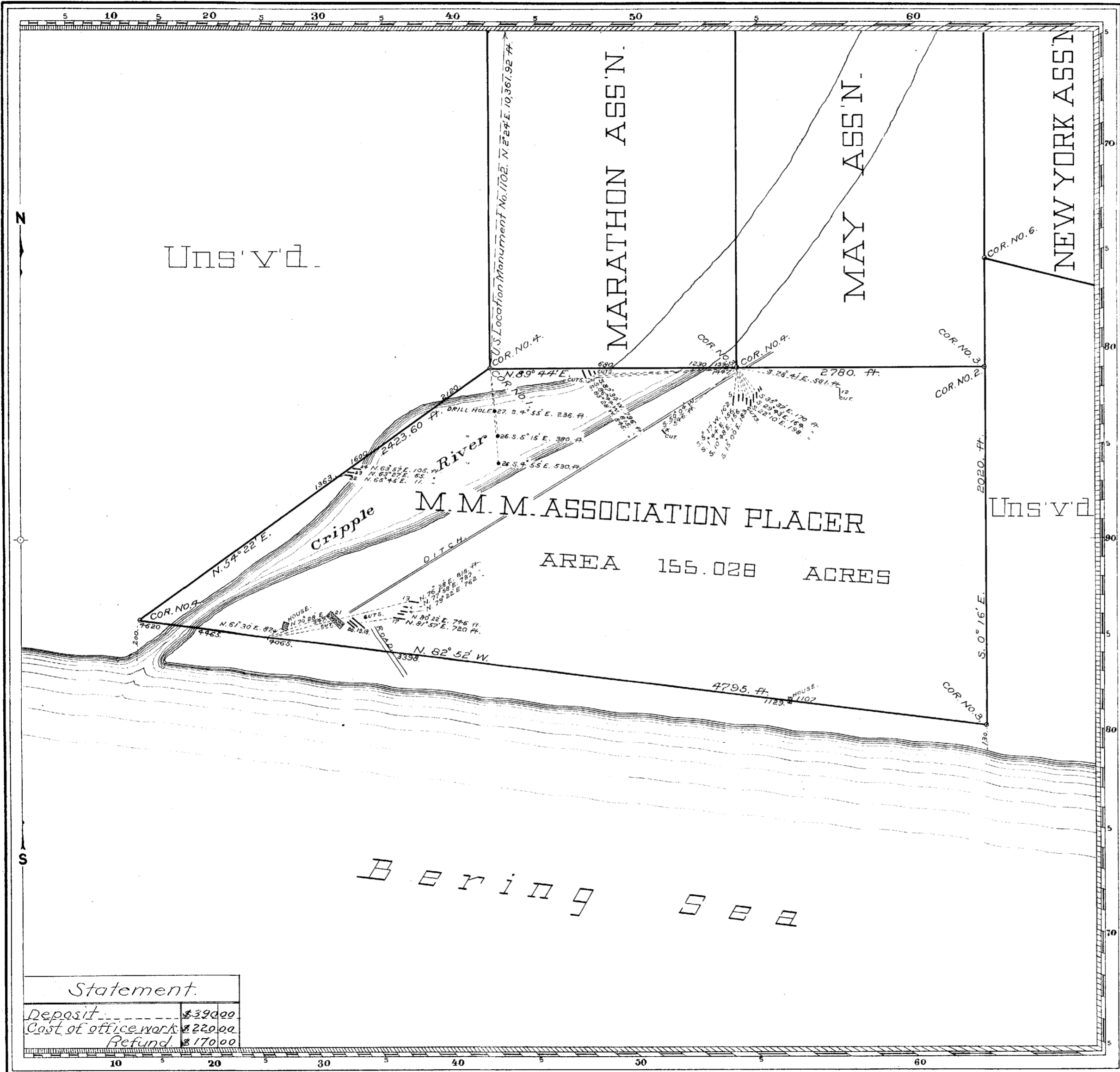


(4-675)

Section A



Claims Located, Amended July 15, 1913
 Recorded 17
 Mineral Survey No 1102
 Application for Survey July 18, 1913
 Lot No
 Name Land District

PLAT
 OF THE CLAIM OF
 Grecian-Alaska
 Gold Dredging Company.
 KNOWN AS THE
 M. M. M., New York, May, Marathon,
 Annie, Homestake, Pergamos and
 Hot Air No. 2 Association, Placers
 IN NOME, MINING DISTRICT,
 Alaska.
 Containing an Area of 1120.604 Acres.
 Scale of 500 Feet to the inch.
 Variation 17° 45' to 21° 00' E.
 SURVEYED July 27 to Aug. 16, 1913 BY
 Arthur G. Blake,
 U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of
 Grecian-Alaska Gold Dredging Company.
 known as the
 M. M. M., New York, May, Marathon, Annie,
 Homestake, Pergamos and Hot Air No. 2
 Association Placer Claims.

from which this plat has been made under my direction,
 have been examined and approved, and are on file in this Office;
 and I hereby certify that they furnish such an accurate descrip-
 tion of said Mining Claim as will, if incorporated into a patent,
 serve fully to identify the premises, and that such reference
 is made therein to natural objects or permanent monuments
 as will perpetuate and fix the locus thereof.
 I further certify that Five Hundred Dollars worth of labor has
 been expended or improvements made upon said Mining
 Claim by claimant or its grantors, and that
 said improvements consist of 200 cuts, 41 drill holes,
 16 shafts, 5 pits and miscellaneous small
 scattering excavations.
 Total value, \$ 7852.00
 that the location of said improvements is correctly shown
 upon this plat, and that no portion of said labor or im-
 provements has been included in the estimate of expendi-
 tures upon any other claim.
 And I further certify that this is a correct plat of said Mining
 Claim made in conformity with said original field notes of the
 survey thereof, and the same is hereby approved.

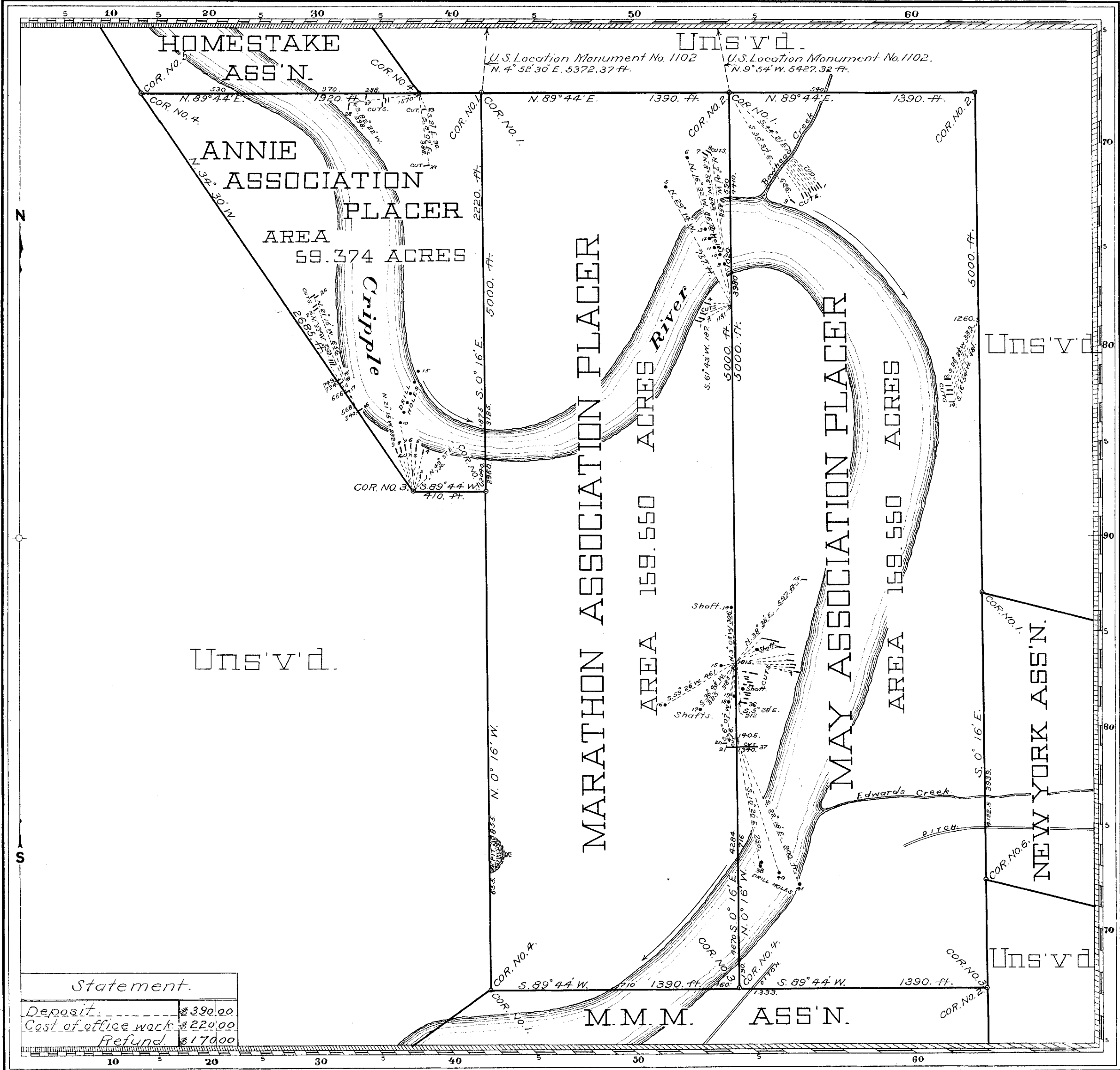
U.S. Surveyor General's Office. *Charles E. Danderson*
 Juneau, Alaska. U.S. Surveyor General for
 January 12, 1914. Alaska.

W.R.

50
100

(4-675)

Section B



Claims Located, Amended, July 15, 1913.
 Recorded, 17.
 Mineral Survey No. 1102
 Application for Survey, July 18, 1913.
 Lot No. _____
 Nome, _____ Land District.

PLAT
 OF THE CLAIM OF
 Grecian-Alaska
 Gold Dredging Company.
 KNOWN AS THE
 M. M. M., New York, May, Marathon,
 Annie, Homestake, Pergamos and
 Hot Air No. 2. Association Placers.

IN NAME, _____ MINING DISTRICT,
 Alaska.
 Containing an Area of 1120.604 Acres.
 Scale of 500 feet to the inch.
 Variation 17° 45' to 21° 00' E.
 SURVEYED July 27 to Aug. 16, 1913 BY
 Arthur G. Blake, U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
 Grecian-Alaska Gold Dredging Company,
 known as the
 M. M. M., New York, May, Marathon, Annie,
 Homestake, Pergamos and Hot Air No. 2
 Association Placer Claims.

from which this plat has been made under my direction,
 have been examined and approved, and are on file in this office,
 and I hereby certify that they furnish such an accurate descrip-
 tion of said Mining Claim as will, if incorporated into a patent,
 serve fully to identify the premises, and that such reference
 is made therein to natural objects or permanent monuments
 as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has
 been expended or improvements made upon said Mining
 Claim by claimant _____ or its grantors, and that
 said improvements consist of 200 cuts, 41 drill holes,
 16 shafts, 5 pits and miscellaneous small
 scattering excavations.

Total value, \$ 7852.00.
 that the location of said improvements is correctly shown
 upon this plat, and that no portion of said labor or im-
 provements has been included in the estimate of expendi-
 tures upon any other claim.

And I further certify that this is a correct plat of said Mining
 Claim made in conformity with said original field notes of the
 survey thereof, and the same is hereby approved.

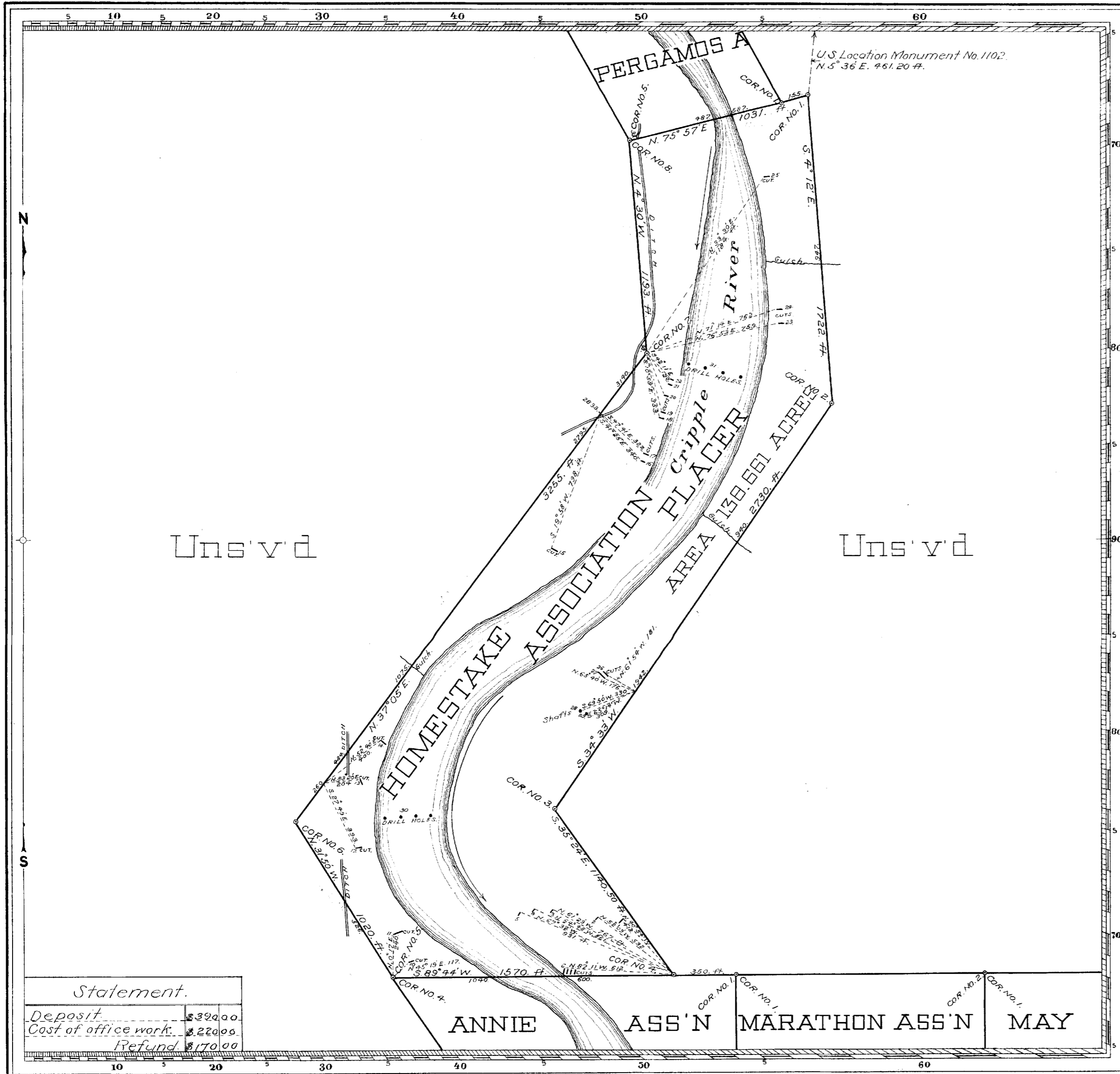
U.S. Surveyor General's Office, *Charles E. Davidson*
 Juneau, Alaska. U.S. Surveyor General for
 January 12, 1914 Alaska.

WZ

1102

(4-675)

Section C



Claims Located Amended July 15, 1913
 Recorded " 17 "
 Mineral Survey No 1102
 Application for Survey, July 18, 1913.
 Lot No
 Nome Land District.

PLAT
 OF THE CLAIM OF
 Grecian-Alaska
 Gold Dredging Company—
 KNOWN AS THE
 M. M. M, New York, May, Marathon,
 Annie, Homestake, Pergamos and
 Hot Air No. 2 Association Placers.

IN NOME MINING DISTRICT,
 Alaska.
 Containing an Area of 1120.604 Acres.
 Scale of 500 Feet to the inch.
 Variation 17° 45' to 21° 00' E.
 SURVEYED July 27, to Aug 16, 1913 BY
 Arthur G. Blake,
 U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
 Grecian-Alaska Gold Dredging Company.
 known as the
 M. M. M, New York, May, Marathon, Annie,
 Homestake, Pergamos and Hot Air No. 2
 Association Placer Claims.

from which this plat has been made under my direction,
 have been examined and approved, and are on file in this office,
 and I hereby certify that they furnish such an accurate descrip-
 tion of said Mining Claim as will, if incorporated into a patent,
 serve fully to identify the premises, and that such reference
 is made therein to natural objects or permanent monuments
 as will perpetuate and fix the locus thereof.
 I further certify that Five Hundred Dollars worth of labor has
 been expended or improvements made upon said Mining
 Claim by claimant or its grantors, and that
 said improvements consist of 200 cuts, 41 drill holes,
 16 shafts, 5 pits and miscellaneous small
 scattering excavations.
 Total value, \$ 7852.00
 that the location of said improvements is correctly shown
 upon this plat, and that no portion of said labor or im-
 provements has been included in the estimate of expendi-
 tures upon any other claim.
 And I further certify that this is a correct plat of said Mining
 Claim made in conformity with said original field notes of the
 survey thereof, and the same is hereby approved.

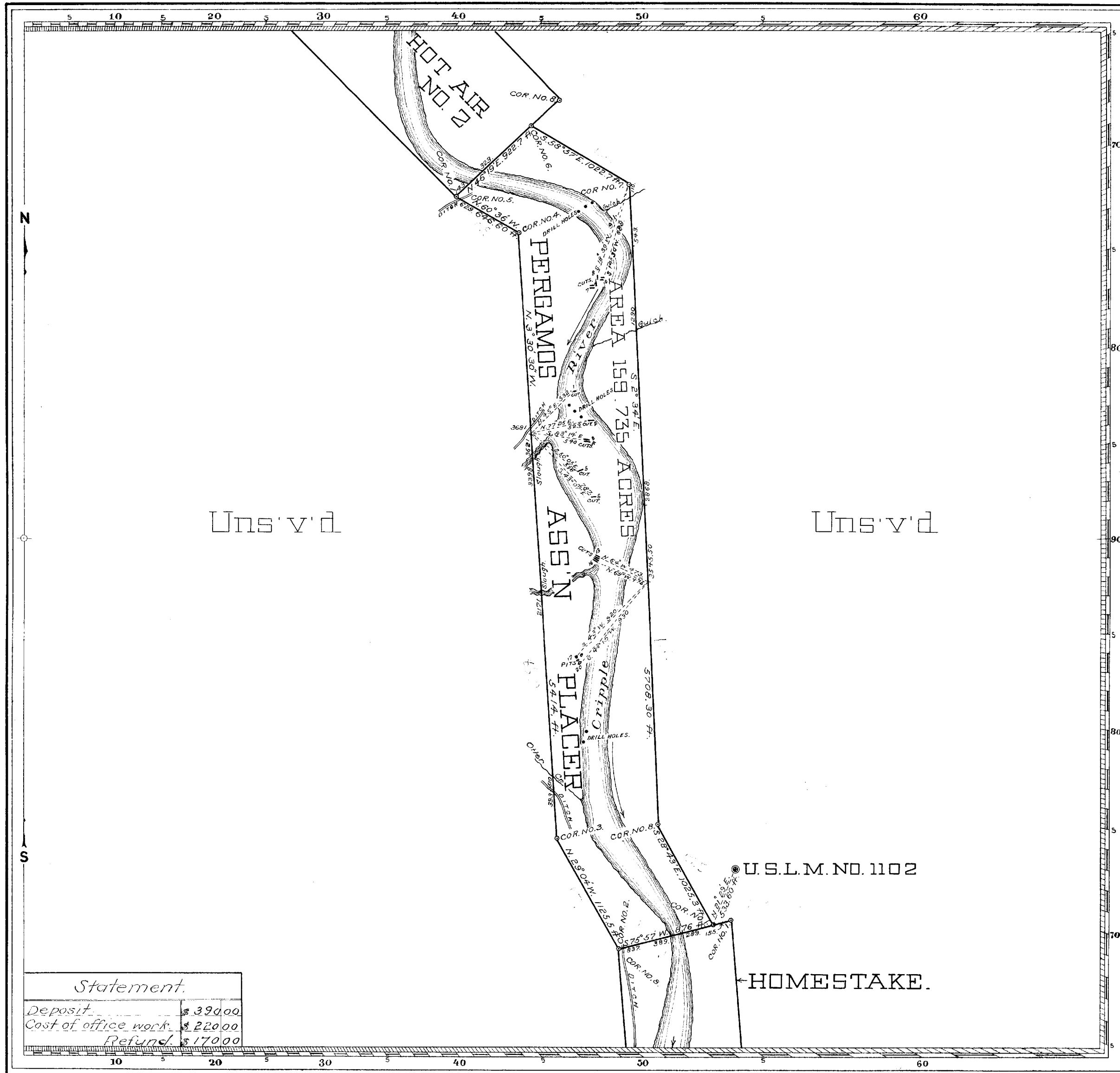
U.S. Surveyor General's Office, *Charles E. Davidson*
 Juneau, Alaska. U.S. Surveyor General for
 January 12, 1914. Alaska.

Statement.

Deposit	\$ 320.00
Cost of office work	\$ 220.00
Refund	\$ 170.00

(4-675)

Section II



Claims Located Amended July 15, 1913.
 " Recorded " 17 "
 Mineral Survey No 1102
 Application for Survey, July 18, 1913.
 L.O.T. No
 Nome Land District.

PLAT
 OF THE CLAIM OF
 Grecian-Alaska
 Gold Dredging Company.
 KNOWN AS THE
 M. M. M, New York, May, Marathon,
 Annie, Homestake, Pergamos and
 Hot Air No. 2, Association Placers.

IN NOME MINING DISTRICT,
 Alaska
 Containing an Area of 1120.604 Acres.
 Scale of 800 feet to the inch.
 Variation 17° 45' to 21° 00' E.
 SURVEYED July 27 to Aug. 16, 1913 BY
 Arthur G. Blake,
 U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
 Grecian-Alaska Gold Dredging Company,
 known as the
 M. M. M, New York, May, Marathon, Annie,
 Homestake, Pergamos and Hot Air No. 2
 Association Placer Claims.

from which this plat has been made under my direction,
 have been examined and approved, and are on file in this office,
 and I hereby certify that they furnish such an accurate descrip-
 tion of said Mining Claim as will, if incorporated into a patent,
 serve fully to identify the premises, and that such reference
 is made therein to natural objects or permanent monuments
 as will perpetuate and fix the locus thereof.
 I further certify that five hundred dollars worth of labor has
 been expended or improvements made upon said Mining
 Claim by claimant or its grantors, and that
 said improvements consist of 200 cuts, 41 drill holes
 16 shafts, 5 pits and miscellaneous small
 scattering excavations.
 Total value \$ 7852.00
 that the location of said improvements is correctly shown
 upon this plat, and that no portion of said labor or im-
 provements has been included in the estimate of expendi-
 tures upon any other claim.
 And I further certify that this is a correct plat of said Mining
 Claim made in conformity with said original field notes of the
 survey thereof, and the same is hereby approved.

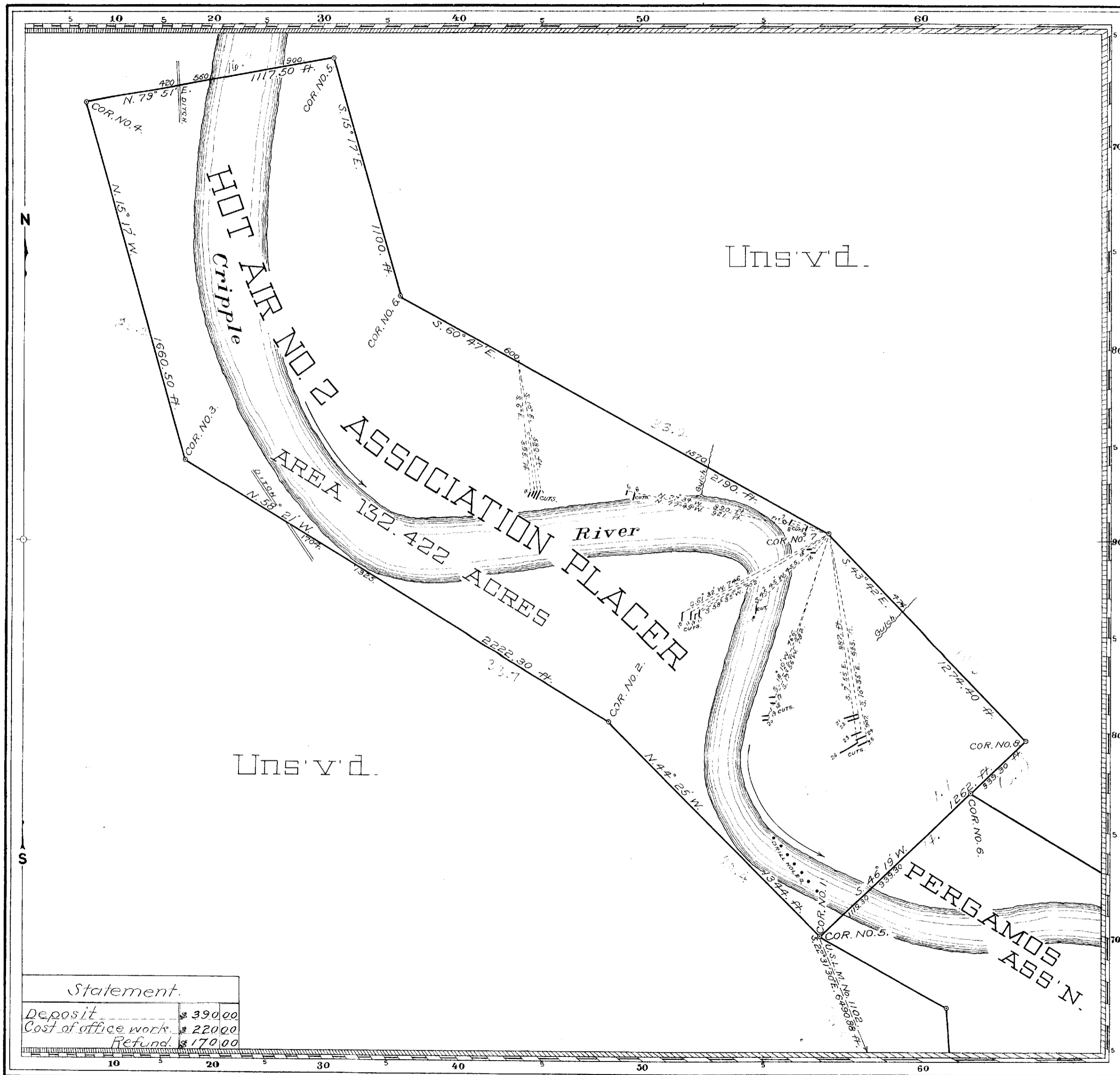
U.S. Surveyor General's Office. *Charles E. Davidson*
 Juneau, Alaska U.S. Surveyor General for
 January 12, 1914 Alaska.

WT

1102

(4-675)

Section E



Claims Located Amended July 15, 1913
 " Recorded " July 17, "
 Mineral Survey No 1102
 Application for Survey, July 18, 1913.
 L.O.T. No.
 Nome. Land District.

PLAT
 OF THE CLAIM OF
 Grecian-Alaska
 Gold Dredging Company.
 KNOWN AS THE
 M. M. M, New York, May, Marathon,
 Annie, Hornestake, Pergamos and
 Hot Air No. 2. Association Placers.

IN NOME. MINING DISTRICT,
 Alaska.
 Containing an Area of 1120.604 Acres.
 Scale of 400 feet to the inch.
 Variation 17° 45' to 21° 00' E.
 SURVEYED July 27 to Aug. 16, 1913 BY
 Arthur G. Blake, U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
 Grecian-Alaska Gold Dredging Company,
 known as the
 M. M. M, New York, May, Marathon, Annie,
 Hornestake, Pergamos and Hot Air No. 2
 Association Placer Claims.

from which this plat has been made under my direction, have been examined and approved, and are on file in this office, and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.
 I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant or its grantors, and that said improvements consist of 200 cuts, 41 drill holes, 16 shafts, 5 pits and miscellaneous small scattering excavations.
 Total value, \$ 7852.00.
 that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.
 And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

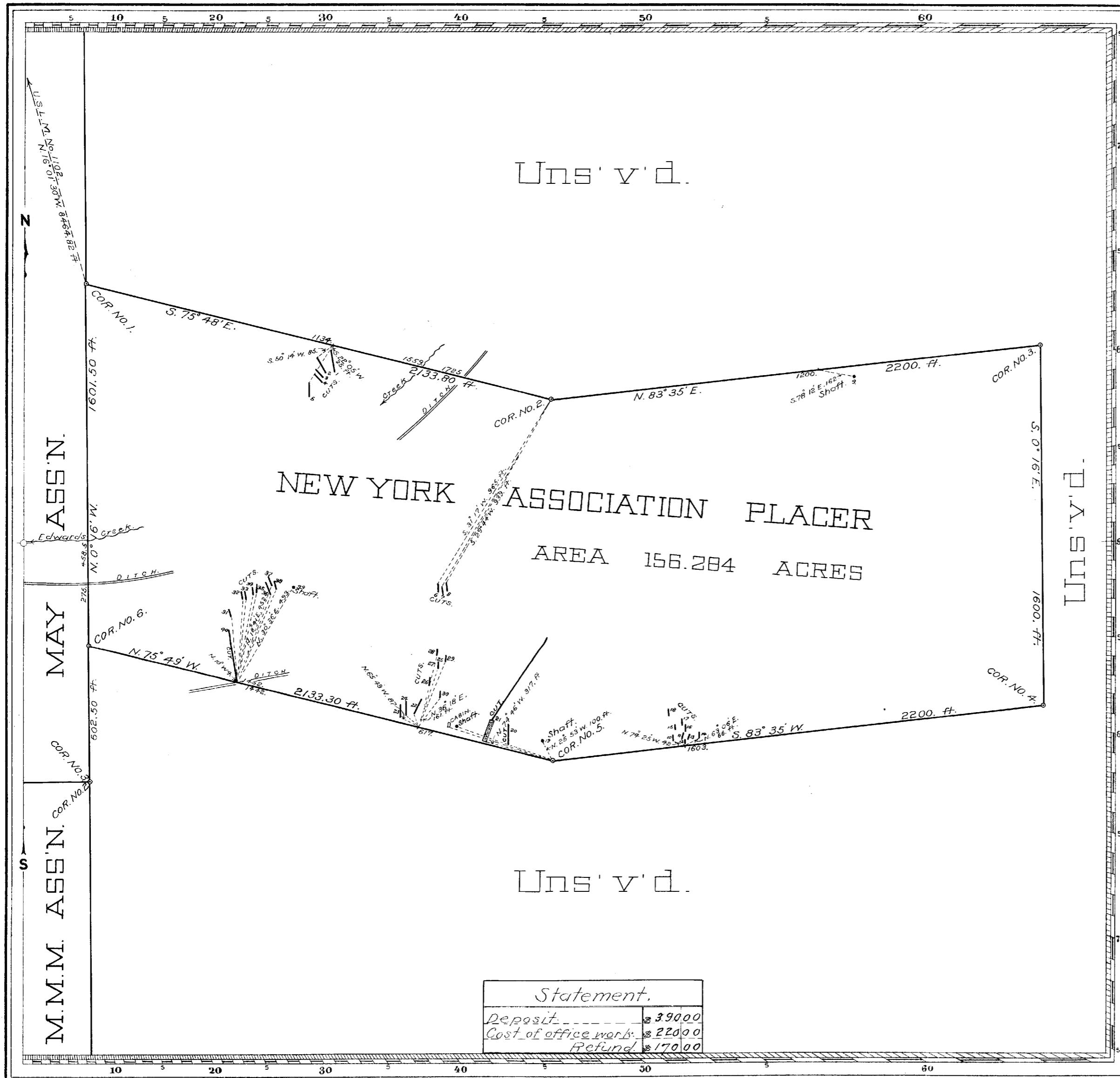
U.S. Surveyor General's Office. *Charles E. Davidson*
 Juneau, Alaska. U.S. Surveyor General for
 January 12, 1914. Alaska.

WE.

1102

(4-675)

Section F.



Claims Located Amended July 15, 1913
 Recorded 17
 Mineral Survey No 1102
 Application for Survey July 18, 1913.
 L.O.T. No
 Nome Land District.

PLAT
 OF THE CLAIM OF
 Grecian-Alaska
 Gold Dredging Company.
 KNOWN AS THE
 M. M. M, New York, May, Marathon,
 Annie, Homestake, Pergamos and
 Hot Air No. 2 Association Placers.

IN NOME, MINING DISTRICT,
 Alaska.
 Containing an Area of 1120.604 Acres.
 Scale of 400 feet to the inch.
 Variation 17 45 to 27 06 E.
 SURVEYED July 27 to Aug. 16, 1913. BY
 Arthur G. Blake.
 U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of
 Grecian-Alaska Gold Dredging Company,
 known as the
 M. M. M, New York, May, Marathon, Annie,
 Homestake, Pergamos and Hot Air No. 2
 Association Placer Claims.

from which this plat has been made under my direction
 have been examined and approved, and are on file in this office;
 and I hereby certify that they furnish such an accurate descrip-
 tion of said Mining Claim as will, if incorporated into a patent,
 serve fully to identify the premises, and that such reference
 is made therein to natural objects or permanent monuments
 as will perpetuate and fix the locus thereof.
 I further certify that Five Hundred Dollars worth of labor has
 been expended or improvements made upon said Mining-
 Claim by claimant or its grantors, and that
 said improvements consist of 200 cuts, 41 drill holes,
 16 shafts, 5 pits and miscellaneous small
 scattering excavations.
 Total value \$ 7852.00
 that the location of said improvements is correctly shown,
 upon this plat, and that no portion of said labor or im-
 provements has been included in the estimate of expendi-
 tures upon any other claim.
 And I further certify that this is a correct plat of said Mining
 Claim made in conformity with said original field notes of the
 survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office. *Charles E. Davidson*
 Juneau, Alaska U.S. Surveyor General for
 January 12, 1914. Alaska.

W.E.

513

MINERAL SURVEY No. 1102

LOT No.

None

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Grecian-Alaska Gold Dredging Co.

known as

M-M-M, New York, ~~KNOWN AS THE~~ May, Marathon, Annie,
 Homestake, Pergamos, and Hot Air No. 2, Assn. places
 Cape Nome Recording Precinct and Mining District,
 District of Alaska County,

Section _____, Township _____, Range _____

Surveyed under instructions dated July 18th, 1913

by Arthur G. Blake

U. S. Mineral Surveyor.

Claims located July 15th, 1913Survey commenced July 27th, 1913Survey completed Aug. 16th, 1913

6-822

P. O. Address of Authorized Agent,
 F. R. Cowden,
 Nome - Alaska.

Feet

M - M - M CLAIM

Beginning at Cor. 1, identical with N.W. loc. cor. I set a
^{4 ft long - 4 ins. sq.}
 fir post (4 ins. sq. 4 ft. long) 2 ft. in ground, scribed 1-4-1102,
 M.M.M. Mar. and erect earth mound 30 ins. base 18 ins. high
 around same. No stone available for cor.
 U.S.L.M. S. 1102 bears N. 2° 24' E. 10361.92 ft. ✓
 No other bearings available.

THENCE N. 89° 44' E. ✓ Var. 19° 05' E.

680.0 Right bank of Cripple River, course southwesterly,

1230.0 Left ,, ,, ,, ,, ,, ,,

1447.0 Center ditch, 3 ft. wide, course S.W.

✓ 2780.0 Cor. 2, identical with N.E. loc. cor. ~~for which~~ I set a fir
^{4 ft long - 4 ins. sq.}
 post (4 ins. sq. 4 ft. long) 2 ft. in ground, scribed 2-1102, M.M.M.
 3, MAY and erect earth mound 30 ins. base 18 ins. high around
 same. No stone or bearings available for cor.

THENCE S. 0° 16' E. ✓ Var. 19° 35' E.

✓ 2020.0 Cor. 3, identical with S.E. loc. cor. ~~for which~~,
^{4 ft long - 4 ins. sq.}
 I set a fir post (4 ins. sq. 4 ft. long) 2 ft. in ground, scribed
 3-1102, M.M.M. and erect earth and stone mound 30 ins. base
 18 ins. high around same. No stone or bearings available.
 The shore of Bering Sea is distant about 130 ft. South.

THENCE N. 82° 52' W. ✓ Var. 20° 45' E.

1107.0 Center of east end of cabin, on line,

1129.0 ,, ,, west end of same,

3398.0 ,, road, course N. 35° W.

4465.0 Left bank of Cripple River, course S.W.

4620.0 Right bank, ,, ,, ,, S.W.

✓ 4795.0 Cor. 4, identical with S.W. loc. cor. ~~for which~~, I set a
^{4 ft long - 4 ins. sq.}
 fir post (4 ins. sq. 4 ft. long) 2 ft. in ground, scribed 4-1102,
 M.M.M. and erect earth mound 30 ins. base 18 ins. high around
 same. No stone or bearings available for cor.

The shore of Bering Sea is distant about 200 ft. south.

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

THENCE N. 54° 22' E. ✓

Var. 19° 10' E.

1600.0 Right bank Cripple River, course S. 30° W.

2120.0 " " " " " west,

2423.6 Cor. 1 and place of beginning,

containing an area of 155.028 acres.

Feet

MAY CLAIM

Beginning at Cor. 1, identical with N.W. loc. cor. I set a fir post 4 ins. sq. 4 ft. long, 2 ft. in ground, scribed 1-2-1102, MAY, MAR. and erect earth mound 30 ins. base 18 ins. high around same. No stone available for cor.

U.S.L.M. S. 1102, bears N. 9° 54' W. 5427.32 ft. ✓

No other bearings available.

THENCE N. 89° 44' E. ✓

Var. 19° 55' E.

540.0 Center Bowhead Creek, 10 ft. wide, course S.W.

✓ 1390.0 Cor. 2, identical with N.E. loc. cor. for which,

I set a fir post 4 ins. sq. 4 ft. long, 2 ft. in ground, scribed 2-1102, MAY, and erect earth mound 30 ins. base 18 ins. high around same. No stone or bearings available for cor.

THENCE S. 0° 16' E. ✓

Var. 18° 45' E.

3939.0 Center Edwards Creek, 4 ft. wide, course westerly,

4122.5 ,, ditch, 2 ft. wide, course westerly,

✓ 5000.0 Cor. 3, identical with S.E. loc. cor. and with Cor. 2 M.M.M. claim this survey, previously described.

THENCE S. 89° 44' W. ✓

Var. 19° 35' E.

Along line 2-1, M.M.M. claim this survey,

1333.0 Center ditch 3 ft. wide, course S.W.

✓ 1390.0 Cor. 4 identical with S.W. loc. cor. for which I set a fir post 4 ins. sq. 4 ft. long 2 ft. in ground, scribed 4-3-1102, MAY, MAR. and erect earth mound 30 ins. base 18 ins. high around same. No stone or bearings available for cor.

THENCE N. 0° 16' W. ✓

Var.

130.0 Left bank Cripple River, course S.W.

716.0 Right bank ,, ,, ,, S. 35° W.

3980.0 Right bank ,, ,, ,, east,

4410.0 Left bank ,, ,, ,, east,

✓ 5000.0 Cor. 1 and place of beginning,

Containing an area of 159.550 acres.

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

MARATHON CLAIM

Beginning at Cor. 1 identical with N.W. loc. cor. I set a fir post 4 ins. sq. 4 ft. long 2 ft. in ground, scribed 1-1-1102, M. A. and erect earth mound 30 ins. base 18 ins. high around same. No stone available for cor.

U.S.L.M. S. 1102, bears N. 45° 52' 1/2" E. 5372.37 ft. ✓

No other bearings available.

THENCE N. 89° 44' E. ✓

Var. 20° 30' E.

✓ 1390.0 Cor. 2 identical with N.E. loc. cor. and with Cor. 1

May claim this survey, previously described.

No bearings available.

THENCE S. 0° 16' E. ✓

Var. 19° 55' E.

590.0 Along line 1-4 May claim,
Left bank Cripple River, course east,

1020.0 Right ,, ,, ,, east,

4284.0 Right bank Cripple River, course S. 35° W.

4870.0 Left ,, ,, ,, S.W.

✓ 5000.0 Cor. 3 identical with S.E. loc. cor. and with Cor. 4 May claim this survey, previously described.

THENCE S. 89° 44' W. ✓

Var.

Along line 2-1, M.M.M. claim, this survey,

160.0 Left bank Cripple River, course southwesterly,

710.0 Right ,, ,, ,, ,, ,,

✓ 1390.0 Cor. 4, identical with loc. cor. and with Cor. 1 M.M.M. claim this survey, previously described.

THENCE N. 0° 16' W. ✓

Var. 19° 05' E.

655.0 South bank of placer pit, 10 ft, deep,

855.0 North bank of same,

2960.0 Right bank Cripple River, course S. 80° E.

3125.0 Left bank of same, course S. 80° E.

✓ 5000.0 Cor. 1 and place of beginning,

Containing an area of 159,550 acres.

Feet

ANNIE CLAIM

Beginning at Cor.1, identical with N.E.loc.cor. and with Cor.1 Marathon claim this survey, previously described, U.S.L.M. S.1102 bears N.4 52 1/2 E. 5372.37ft. ✓
 No other bearings available.

THENCE S.0° 16' E. ✓

Var. 20° 30' E.

Along line 1-4 Marathon claim,

1875.0 Left bank Cripple River, course S.80° E.

2040.0 Right bank of same, ,, S.80° E.

✓ 2220.0 Cor.2, identical with S.E.loc.cor. for which I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 2-1102, A. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE S.89° 44' W. ✓

Var. 19° 45' E.

✓ 410.0 Cor.3 identical with S.W.loc.cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 3-1102, A. and erect earth and stone mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE N.34° 30' W. ✓

Var. 19° 45' E.

✓ 2685.0 Cor.4 identical with N.W.loc.cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 4-5-1102, A.H. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE N.89° 44' E. ✓

Var. 19° 25' E.

530.0 Right bank Cripple River, course S.65 E.

970.0 Left bank of same, course S.E.

✓ 1920.0 Cor.1 and place of beginning,

Containing an area of 59.374 acres.

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

HOMESTAKE CLAIM

Beginning at Cor. 1 identical with N.E. loc. cor.

I set a schist stone 28ins. x 8ins. x 6ins. 14ins. in ground, chiseled 1-1102, H. and (x) on top surface, for true point, and erect earth mound 30ins. base 18ins. high, on N. side of cor. U.S.L.M. S. 1102, bears N. 5° 36' E. 461.2ft. ✓
No other bearings available.

THENCE S. 4° 12' E. ✓

Var. 20° 15' E.

947.0 Bottom of dry gulch, course N. 75° W.

✓ 1722.0 Cor. 2 identical with loc. cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 2-1102, H. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE S. 34° 33' W. ✓

Var. 19° 30' E.

940.0 Bottom of dry gulch, course N. 55° W.

✓ 2730.0 Cor. 3 identical with loc. cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 3-1102, H. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE S. 35° 24' E. ✓

Var. 19° 35' E.

✓ 1140.5 Cor. 4 identical with S.E. loc. cor. and on line 1-4 of Annie claim, this survey, For this cor. I set a fir post 4ins. sq. 4ft. long, 2ft. in ground, scribed 4-1102, H. and erect earth mound 30ins. base 18ins. high around same. *Cor. No. 1 Annie claim identical with Cor. No. 1 Marathon previously described bears N. 89° 44' E. 350. ft.* No stone or bearings available for cor.

THENCE S. 89° 44' W. ✓

Var. 19° 55' E.

Along line 1-4 Annie claim, this survey,

600.0 Left bank Cripple River, course S.E.

1040.0 Right bank of same, course S. 65° E.

✓ 1570.0 Cor. 5 identical with S.W. loc. cor. and with Cor. 4 Annie claim this survey, previously described. No bearings available.

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

THENCE N.31° 50' W. ✓

Var. 19° 25' E.

526.0 Center ditch 8ft. wide, course S. 10° E.

✓ 1020.0 Cor. 6 identical with loc. cor. for which, I set a fir post 4ins. sq, 4ft. long, 2ft. in ground, scribed 6-1102, H. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE N.37° 05' E. ✓

Var. 19° 25' E.

484.0 Center ditch 8ft. wide, course south,

1075.0 Bottom of dry gulch, course S.E.

2795.0 Center ditch, 8ft. wide, course S.W.

3140.0 Center same ditch, course S. 10° W.

✓ 3255.0 Cor. 7 identical with loc. cor. for which, I set a schist ~~stone~~ stone 30ins. x 8ins. x 8ins. 15ins. in ground, chiseled 7-1102, H. and (x) on top surface for true point and erect earth mound 30ins. base 18ins. high, alongside of cor. No bearings available.

THENCE N.4° 30' W. ✓

Var. 21° 00' E.

98.0 Center ditch 8ft. wide, course S.W.

✓ 1193.0 Cor. 8 identical with N.W. loc. cor. for which, I set a fir post 4ins. sq. 4ft. long, 2ft. in ground, scribed 8-2-1102, H. P. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE N.75° 57' E. ✓

Var. 19° 45' E.

39.0 Center ditch 8ft. wide, course S. 20° E.

487.0 Right bank Cripple River, course south,

587.0 Left bank of same and face of rock bluff 60ft. high.

1031.0 Cor. 1 and place of beginning,

Containing an area of 138.⁶⁶¹~~658~~ acres.

Feet

PERCAMOS CLAIM

Beginning at Cor. 1 identical with S.E. loc. cor. on line
8-1 Homestake claim this survey, for which I set a lime
stone 24ins. x 10 x 5ins. 12ins. in ground, chiseled x on top
surface and 1-1102 P. on N. face and erect stone mound 30ins.
base 18ins. high, E. side of same.

U.S.L.M. S. 1102, bears N. 21° 29' E. 533.6ft. ✓

Cor. 1 Homestake claim, previously described, bears N. 75° 57' E.
155ft. No other bearings available.

THENCE S. 75° 57' W. ✓

Var. 20° 15' E.

289.0 Left bank of Cripple River and face of rock bluff, 60ft. high,

389.0 Right bank of same, course south,

837.0 Center ditch 8ft. wide, course S. 20° E.

✓ 876.0 Cor. 2 identical with S.W. loc. cor. and with Cor. 8 Homestake
claim, this survey, previously described,
No bearings available,

THENCE N. 29° 04' W. ✓

Var. 19° 45' E.

✓ 1125.5 Cor. 3 identical with loc. cor. for which,

I set a fir post 4ins. sq. 4ft. long, 2ft. in ground, scribed
3-1102, P. and erect earth and stone mound 30ins. base 18ins.
high around same. No stone or bearings available for cor.

THENCE N. 3° 30' ^{30"} ~~17~~ W. ✓

Var. 20° 25' E.

393.0 Center ditch 8ft. wide, course S.E.

510.0 Center Otter Creek, 10ft. wide, course S.E.

2171.0 Center of slough 30ft. wide, course east,

3398.0 Center same slough, 30ft. wide, course S.W.

3681.0 Center ditch 8ft. wide, course S. 40° W.

✓ 5414.0 Cor. 4 identical with loc. cor. for which I set a
fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 4-1102, P.
and erect earth mound 30ins. base 18ins. high around same,
No stone or bearings available for cor.

THENCE N. 60° 36' W.

Var. 20° 00' E.

629.0 Center ditch 8ft. wide, course east,

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

✓ 646.6 Cor. 5 identical with N.W. loc. cor. for which I set a schist stone 28ins. x 8ins. x 8ins. 14ins. in ground, chiseled 5-1-1102 P., H.A. and (x) on top surface for true point, and erect stone mound 30ins. base 18ins. high on S.W. side of cor. No bearings available.

THENCE N. 46° 19' E. ✓

Var. 19° 50' E.

143.0 Right bank Cripple River, course S.E.

323.0 Left bank of same, course S.E.

✓ 922.7 Cor. 6 identical with N.E. loc. cor. for which I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 6-1102, P. and erect earth mound 30ins. base 18ins. high around same, No stone or bearings available for cor.

THENCE S. 58° 57' E. ✓

Var. 20° 05' E.

✓ 1022.7 Cor. 7 identical with loc. cor. for which,

I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 7-1102, P. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE S. 2° 34' E. ✓

Var. 20° 00' E.

110.0 Bottom of dry gulch, course S. 60° W.

543.0 Adjacent to Left bank Cripple River,

1290.0 Bottom of dry gulch, course S. 70° W.

2868.0 Adjacent to Left bank Cripple River,

✓ 5708.3 Cor. 8 identical with loc. cor. for which I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 8-1102, P. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available,

THENCE S. 28° 43' E. ✓

Var. 20° 25' E.

✓ 1025.3 Cor. 1 and place of beginning.

Containing an area of 159.735 acres.

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

HOT AIR NO. 2 CLAIM

Beginning at Cor. 1 identical with the S.W. loc. cor. and with Cor. 5 Pergamos Claim this survey, previously described.

U.S.L.M. S. 1102 bears S. 22° 31' ^{36"} ~~1/2~~ E. 6490.88ft. ✓

No other bearings available.

THENCE N. 44° 25' W. ✓

Var. 19° 50' E.

✓ 1344.0 Cor. 2 identical with loc. cor. for which,

I set a fir post 4 ins. sq. 4 ft. long 2 ft. in ground, scribed 2-1102, H.A. and erect earth mound 30 ins. base 18 ins. high around same. No stone or bearings available for cor.

THENCE N. 58° 21' W. ✓

Var. 19° 40' E.

1325.0 Adjacent to Right bank Cripple River,

1704.0 Center ditch 8 ft. wide, course southeasterly,

✓ 2222.3 Cor. 3 identical with loc. cor. for which,

I set a schist stone 26 ins. x 12 ins. x 4 ins. 13 ins. in ground, chiseled 3-1102, H.A. and (x) on top surface for true point, and erect earth mound 30 ins. base 18 ins. high on W. side of cor. No bearings available.

THENCE N. 15° 17' W. ✓

Var. 20° E.

✓ 1660.5 Cor. 4 identical with N.W. loc. cor. for which,

I set a fir post 4 ins. sq. 4 ft. long 2 ft. in ground, scribed 4-1102, H.A. and erect earth mound 30 ins. base 18 ins. high around same. No stone or bearings available for cor.

THENCE N. 79° 51' E. ✓

Var. 19° 35' E.

420.0 Center ditch 8 ft. wide, course south,

560.0 Right bank Cripple River, course S. 10° W.

900.0 Left bank of same, course S.

✓ 1117.5 Cor. 5 identical with N.E. loc. cor. for which,

I set a fir post 4 ins. sq. 4 ft. long 2 ft. in ground, scribed 5-1102, H.A. and erect earth mound 30 ins. base 18 ins. high around same. No stone or bearings available for cor.

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

THENCE S. 15° 17' E. ✓

Var. 20° 15' E.

✓ 1100.0 Cor. 6 identical with loc. cor. for which,

I set a fir post 4 ins. sq., 4 ft. long 2 ft. in ground, scribed 6-1102, H.A. and erect earth mound 30 ins. base 18 ins. high around same. No stone or bearings available for cor.

THENCE S. 60° 47' E. ✓

Var. 19° 40' E.

1570.0 Bottom of dry gulch, course S. 10° W.

✓ 2190.0 Cor. 7 identical with loc. cor. for which I set a

schist stone 24 ins. x 8 ins. x 7 ins. 12 ins. in ground, chiseled 7-1102, H.A. and (x) on top surface for true point and erect earth mound 30 ins. base 18 ins. high N. side of cor. No bearings available.

THENCE S. 43° 42' E. ✓

Var. 19° 35' E.

474.0 Bottom of dry gulch, course S.W.

✓ 1274.4 Cor. 8 identical with S.E. loc. cor. for which,

I set a fir post 4 ins. sq., 4 ft. long, 2 ft. in ground, scribed 8-1102, H.A. and erect earth mound 30 ins. base 18 ins. high around same. No stone or bearings available, for cor.

THENCE S. 46° 19' W. ✓

Var. 20° E.

339.3 Cor. 6 Pergamos claim, of this survey, previously described,

Along line 6-5 Pergamos claim,

939.3 Left bank Cripple River, course S.E.

1119.3 Right bank of same, course S.E.

✓ 1262.0 Cor. 1 and place of beginning.

Containing an area of 132.422 acres.

NEW YORK CLAIM

Beginning at Cor. 1 identical with N.W. loc. cor. on line 2-3, May claim, this survey, for which I set a fir post 4 ins. sq., 4 ft. long 2 ft. in ground, scribed 1-1102, N.Y. and erect earth mound 30 ins. base 18 ins. high around same. U.S.L.M. S. 1102, bears N. 16° 01' ^{30"} 1/2 W. 8464.82 ft. ✓ No stone or other bearings available for cor.

FIELD NOTES - MINERAL SURVEY NO. 1102

Feet

THENCE S. 75° 48' E. ✓

Var.

1559.0 Center creek, 8ft. wide, course S.W.

1725.0 Center ditch 2ft. wide, course S.W.

✓ 2133.8 Cor. 2, identical with loc. cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 2-1102, N.Y. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE N. 83° 35' E. ✓

Var. 19° 00' E.

✓ 2200.0 Cor. 3 identical with N.E. loc. cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 3-1102, N.Y. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE S. 0° 16' E. ✓

Var. 20° 35' E.

✓ 1600.0 Cor. 4 identical with S.E. loc. cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 4-1102, N.Y. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE S. 83° 35' W. ✓

Var. 17° 45' E.

✓ 2200.0 Cor. 5 identical with loc. cor. for which, I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 5-1102, N.Y. and erect earth mound 30ins. base 18ins. high around same. No stone or bearings available for cor.

THENCE N. 75° 49' W. ✓

Var. 20° 05' E.

1442.0 Center ditch 3ft. wide, course S. 80° W.

✓ 2133.3 Cor. 6 identical with S.W. loc. cor. on line 2-3 May claim, this survey, for which I set a fir post 4ins. sq. 4ft. long 2ft. in ground, scribed 6-1102, N.Y. and erect earth mound 30ins. base 18ins. high around same.

No stone available for cor.

Cor. 3 May claim this survey, bears S. 0° 16' E. 602.5ft.

No other bearings available.

FIELD NOTES - MINERAL SURVEY NO. 1102

feet

THENCE N. 0° 16' W. ✓

Var. 19° 45' E.

275.0 Center ditch 2ft. wide, course west,

458.5 Center Edwards Creek, 4ft. wide, course west,

1601.5 Cor. 1 and place of beginning.

Containing an area of 156.284 acres.

A R E A S

M. M. M. Claim,	containing	155.028 acres	✓
May Claim,	,,	159.550	,, ✓
Marathon claim	,,	159.550	,, ✓
Annie claim,	,,	59.374	,, ✓
Homestake claim,	,,	138. ⁶⁶¹ 558	,, ✓
Pergamos claim,	,,	159.735	,, ✓
Hot Air No. 2 claim,	,,	132.422	,, ✓
New York claim,	,,	156.284	,, ✓
Total area		1120. 601 ⁶⁰⁴	,,

L O C A T I O N

This claim is on unsurveyed ground, on Cripple River, fronting on the shore of Bering Sea and situate about twelve miles westerly from the town of Nome, in the Cape Nome Recording Precinct, Nome Land District, Alaska.

E X P E N D I T U R E O F \$ 5 0 0

I certify that the value of the labor and improvements made upon or for the benefit of, each of the locations embraced in said mining claim by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of: shafts, cuts, drill holes and ditch construction, as follows:

On M - M - M claim		Value
From sta. 1390, line 1-2,		
1-	Cut 16ft. x 3 x 3ft. S. end bears S. 87° 34' W. 796ft!	\$ 7.00
2-	,, 36 ,, 3 x 3 ,, S. ,, ,, S. 86° 44' W. 815ft.	12.00
3-	,, 50 ,, 6 x 2 ,, S. ,, ,, S. 85° 28' W. 845ft.	25.00
4-	,, 20,, x 9x 3,, N. ,, ,, S. 50° 04' W. 546ft.	22.00

1902

FIELD NOTES - MINERAL SURVEY NO.1102

								Value
5-	Cut	56ft.	x 3 x 3ft.	N.end bears	S.5° 17'	W. 162ft.	\$	20.00
6-	,,	30,,	x 3 x 3,,	N. ,, ,,	S.1° 44'	E. 156,,		10.00
7-	,,	34,,	x 3 x 3,,	N. ,, ,,	S.10° 48'	E.156,,		11.00
8-	,,	34,,	x 3 x 3,,	N. ,, ,,	S.15° 00'	E.183,,		11.00
9-	,,	30,,	x 3 x 3,,	N. ,, ,,	S.22° 10'	E.198,,		10.00
10-	,,	56,,	x 3 x 3,,	N. ,, ,,	S.29° 43'	E. 164ft.		20.00
11-	,,	30,,	x 3 x 3,,	N. ,, ,,	S.35° 37'	E. 170,,		10.00
12-	,,	40,,	x 4 x 3,,	N. ,, ,,	S.78° 41'	E. 581,,		20.00

From Sta.4065, line 3-4,

13-	Cut	38ft.	x 4 x 4ft.	W.end bears	N.76° 28'	E. 818ft.	\$	25.00
14-	,,	20,,	x 3 x 4,,	W. ,, ,,	N.77° 58'	E. 787,,		10.00
15-	,,	30,,	x 3 x 4,,	W. ,, ,,	N.79° 22'	E. 762,,		15.00
16-	,,	22,,	x 3 x 4,,	W. ,, ,,	N.80° 22'	E. 746,,		10.00
17-	,,	44,,	x 4 x 3,,	W. ,, ,,	N.81° 57'	E. 720,,		20.00
18-	,,	90,,	x 2 x 2,,	W. ,, ,,	N.78° 08'	E. 483,,		15.00
19-	,,	52,,	x 2 x 2,,	W. ,, ,,	N.78° 57'	E. 469,,		8.00
20-	,,	50,,	x 3 x 2,,	W. ,, ,,	N.79° 48'	E. 468,,		12.00
21-	,,	100ft.	x 30 x 3ft.	deep,W.end bears	N.70° 28'	E.347ft.		200.00

From Sta.1363 on line 4-1,

22-	Cut	36ft.	x 6 x 3ft.	W.end bears	N.65° 45'	E. 11ft.	\$	25.00
23-	,,	34,,	x 3 x 3,,	W. ,, ,,	N.63° 27'	E. 65,,		11.00
24-	,,	24,,	x 3 x 3,,	W. ,, ,,	N.63° 57'	E. 105ft.		8.00

From Cor.1,

25-	Drill hole	6ins.dia.	11.5ft.	deep,bears	S.4° 55'	E.530ft.	\$	28.00
26-	,,	,,	6 ,, ,,	22.2ft. ,, ,,	S.5° 15'	E.380ft.		55.00
27-	,,	,,	6 ,, ,,	23.8ft. ,, ,,	S.4° 55'	E.236ft.		59.00

28- Miscellaneous small scattering excavations, \$75.00

Total value \$754.00

ON MAY CLAIM

From Cor.1

								Value
1-	Cut	31ft.	x 3 x 3ft.	N.end bears	S.44° 21'	E. 700ft.	\$	10.00
2-	,,	35,,	x 3 x 3,,	N. ,, ,,	S.43° 05'	E. 693,,		12.00
3-	,,	36,,	x 3 x 3,,	N. ,, ,,	S.42° 07'	E. 697,,		12.00
4-	,,	32,,	x 3 x 3,,	N. ,, ,,	S.41° 00'	E. 690,,		11.00
5-	,,	30,,	x 3 x 3,,	N. ,, ,,	S.39° 31'	E. 694,,		10.00
6-	,,	31,,	x 3 x 3,,	N. ,, ,,	S.38° 35'	E. 687,,		10.00
7-	,,	36,,	x 3 x 3,,	N. ,, ,,	S.37° 23'	E. 687,,		12.00
8-	,,	38,,	x 3 x 3,,	N. ,, ,,	S.36° 19'	E. 683,,		13.00
9-	,,	15,,	x 3 x 3,,	N. ,, ,,	S.30° 37'	E. 686,,		6.00

From Sta.1260 on line 2-3,

10-	Cut	20ft.	x 5 x 3ft.	E.end bears	S.23° 22'	W. 383ft.	\$	15.00
11-	,,	17,,	x 4 x 3,,	E. ,, ,,	S.21° 14'	W. 410,,		10.00
12-	,,	20,,	x 6 x 4,,	E. ,, ,,	S.19° 53'	W. 424,,		20.00
13-	,,	20,,	x 4 x 3,,	E. ,, ,,	S.19° 09'	W. 442,,		12.00
14-	,,	26,,	x 6 x 3,,	E. ,, ,,	S.16° 54'	W. 481,,		25.00

From Sta.1815 on line 4-1,

15-	Cut	28ft.	x 10x 9ft.	W.end bears,	N.38° 38'	E. 597ft.	\$	100.00
16-	,,	98,,	x 6 x 3,,	W. ,, ,,	N.46° 25'	E. 192,,		70.00
17-	,,	50,,	x 16 x 8ft.	W. ,, ,,	N.67° 35'	E. 250ft.		250.00
18-	Shaft caved,	in frozen gravel,	bears	N.58° 56'	E.136ft.			90.00
19-	Cut	20ft.	x 4 x 4ft.	W.end bears	N.80° 13'	E. 300ft.		12.00
20-	,,	26,,	x 3 x 3,,	W. ,, ,,	N.87° 44'	E. 290,,		10.00
21-	,,	23,,	x 4 x 3,,	W.end ,,	S.89° 36'	E. 294,,		11.00
22-	,,	26,,	x 5 x 4,,	W. ,, ,,	S.86° 08'	E. 300,,		20.00

Fwd. -\$741.00-

FIELD NOTES - MINERAL SURVEY NO.1102

		Value
	Brot.fwd.	\$741.00
23-	Cut 12ft.x 6 x 4ft. W.end bears,S.82° 29' E.340ft.	12.00
24-	,, 26,, x 4 x 3,, W. " " S.81° 06' E. 319ft.	14.00
25-	" 40 " x 3 x 2" W. " " S.55° 45' E. 96ft.	12.00
26-	" 34" x 3"x 2" W, " " S.38° 54' E. 66 "	8.00
27-	" 26 " x 3 x 3 " W. " " S.32° 01' E. 93 "	10.00
28-	" 24 " x 3 x 2 " W. " " S.27° 07' E. 110ft.	6.00
29-	" 28 " x 3 x 3 " W. " " S.25° 46' E. 123 "	10.00
30-	" 26 " x 3 x 3 " W. " " S.20° 33' E. 134 "	10.00
31-	" 20 " x 3 x 2 " W. " " S. 6° 05' E. 135 "	5.00
32-	Shaft in frozen ground,caved,bears S.12° 36' E. 153ft.	45.00
33-	Cut 26ft.x 4 x 3ft. W.end bears,S.13° 34' E. 162ft.	12.00
34-	" 24 " x 3 x 3 " W. " " S. 9° 21' E. 173 "	10.00
35-	" 24 " 3 3 " W. " " S. 8° 24' E. 200 "	10.00
36-	" 26 " x 3 x 2 " W. " " S. 5° 28' E. 212 "	8.00
From Sta.1340 on line 4-1,		
37-	Cut 120ft.x 3ft.x 2ft.W.end on line,course E.	\$30.00
From Sta.1405 on line 4-1.		
38-	Drill hole 6ins.dia. 7.5ft.deep,bears S.1020E.730ft.	\$ 18.00
39-	" " 6 " " 25.9 " " " S.10° 40' E.719ft.	64.00
40-	" " 6 " " 14.3 " " " S.17° 00' E.799 "	35.00
41-	" " 6 " " 4.7 " " " S.22° 18' E.900 "	11.00
42-	Miscellaneous small scattering excavations,	\$60.00
Total value		\$1131.00

ON MARATHON CLAIM

From Sta.1181 on line 2-3		
1-	Cut 25ft.x 4 x 3ft. E.end bears S.61° 43' W. 187ft.	\$12.00
2-	" 24" x 4 x 3 " E " " S.62° 27' W. 171 "	12.00
3-	" 30 " x 4 x 2 " E. " " S.70° 23' W. 152 "	10.00
4-	" 25 " x 4 x 2 " E. " " N.87° 58' W. 124 "	8.00
5-	Shaft caved,frozen ground, " N.29° 14' W. 757 "	45.00
6-	" " " " " N.16° 32' W. 867 "	45.00
7-	Cut 18ft.x 9 x 4ft. S.end bears N.8° 56' W. 849 "	25.00
8-	" 18 " x 9 x 4 " S. " " N.7° 41' W. 858 "	25.00
9-	Drill hole 6ins.dia.12.8ft.deep,bears N.8° 30' W.230ft.	32.00
10-	" " " " 16.7 " " " N.13° 20' W.280ft.	41.00
11-	" " " " 17.0 " " " N.16° 45' W.329 "	42.00
12-	" " " " 20.0 " " " N.18° 01' W.383 "	50.00
13-	" " " " 17.7 " " " N.19° 11' W.438 "	44.00
From Sta.3185 on line 2-3,		
14-	Shaft in frozen ground,caved bears N.3° 08' W. 306ft.	\$50.00
15-	" " " " " " S.76° 27' W. 78 "	50.00
16-	" " " " " " S.59° 26' W.461 "	50.00
17-	" " " " " " S.36° 48' W.325 "	50.00
18-	" " " " " " S.9° 00' W. 220 "	50.00
19-	" " " " " " S.0° 50' W. 193 "	50.00
20-	Cut 20ft.x 4 x 4ft.W.end bears S.5° 28' W. 442ft.	15.00
21-	" 54 " x 5 x 4 " W. " " S.6° 07' W. 476 "	45.00
22-	" 12 " x 15 x 6 " N. " " S.6° 07' W. 479 "	40.00
23-	Miscellaneous small scattering excavations,	25.00
Total value,		\$816.00

FIELD NOTES - MINERAL SURVEY NO.1102

ON ANNIE CLAIM

From Cor.3,

1-	Cut	21ft.	x	4	x	2ft.	S. end bears	N.49° 37'	E. 100ft.	\$ 6.00
2-	"	18 "	x	3	x	2 "	S. " "	N.31° 39'	E. 79 "	5.00
3-	"	24 "	x	3	x	2 "	S. " "	N. 3° 05'	W. 86 "	6.00
4-	"	20 "	x	5	x	5 "	S. " "	N.15° 15'	E. 216 "	20.00
5-	"	36 "	x	5	x	5 "	S. " "	N. 4° 40'	E. 225 "	22.00
6-	"	20 "	x	5	x	4 "	S. " "	N. 1° 38'	W. 236 "	16.00
7-	"	26 "	x	6	x	5 "	S. " "	N 8° 52'	W. 232 "	30.00
8-	"	19 "	x	6	x	4 "	S. " "	N.15° 36'	W. 226 "	18.00
9-	"	20 "	x	6	x	4 "	S. " "	N.21° 15'	W. 232 "	19.00
10-to"15, Drill holes, 6ins. dia. (6) av. depth 14.2ft. beginning N.9 30 W.440ft. from Cor.3 and extending 300ft. northerly across river,										----- \$212.00
16-	Cut	16ft.	x	3	x	4ft.	W. end at Sta.540, line 3-4,			8.00
17-	"	17 "	x	4	x	4 "	W. " " " 666, " 3-4,			11.00
18-	"	22 "	x	4	x	4 "	W. " " " 724, " 3-4,			14.00
19-	"	20 "	x	3	x	4 "	W. " " " 749, " 3-4,			10.00

From Sta.568, line 3-4,

20-	Cut	27ft.	x	3	x	3ft.	W. end bears	N.30° 00'	W.283ft.	\$10.00
21-	"	22 "	x	3	x	3 "	W. " " "	N.28° 43'	W.287 "	8.00
22-	"	22 "	x	3	x	3 "	W. " " "	N.28° 04'	W.293 "	8.00
23-	"	24 "	x	4	x	3 "	W. " " "	N.23° 00'	W.592 "	11.00
24-	"	20 "	x	4	x	3 "	W. " " "	N.23° 00'	W.604 "	10.00
25-	"	25 "	x	5	x	4 "	W. " " "	N.21° 15'	W.656 "	20.00
26-	"	18 "	x	4	x	3 "	W. " " "	N.22° 32'	W.657 "	8.00

From Sta.1570, on line 4-1,

27-	Cut	34ft.	x	3	x	3ft.	N. end bears	S.89° 44'	W. 288ft.	\$12.00
28-	"	36 "	x	4	x	4 "	N. " " "	S.82° 22'	W. 398 "	22.00
29-	"	37 "	x	3	x	3 "	N. " " "	S.88° 34'	W. 203 "	13.00
30-	"	36 "	x	3	x	3 "	N. " " "	S.83° 22'	W. 195 "	12.00
31-	"	34 "	x	3	x	3 "	N. " " "	S.81° 50'	W. 188 "	12.00
32-	"	28 "	x	3	x	3 "	N. " " "	S.77° 11'	W. 200 "	10.00
33-	"	15 "	x	6	x	4 "	E. " " "	S.21° 00'	E. 90 "	14.00
34-	"	20 "	x	6	x	3 "	E. " " "	S.8° 07'	E. 388 "	15.00
35-	Miscellaneous small scattering excavations,									20.00

Total value \$602.00

ON HOMESTAKE CLAIM

From Cor.4,

1-	Cut	38ft.	x	6	x	4ft.	N. end bears	N.40° 54'	W. 418ft.	\$28.00
2-	"	14 "	x	3	x	3 "	N. " " "	N.52° 09'	W. 532 "	5.00
3-	"	20 "	x	4	x	3 "	N. " " "	N.61° 23'	W. 767 "	10.00
4-	"	15 "	x	3	x	3 "	N. " " "	N.64° 48'	W. 861 "	5.00
5-	"	14 "	x	7	x	3 "	N. " " "	N.67° 32'	W. 931 "	12.00
6-	"	20 "	x	3	x	4 "	N. " " "	N.87° 11'	W. 612 "	10.00
7-	"	20 "	x	3	x	4 "	N. " " "	N.87° 19'	W. 598 "	10.00
8-	"	28 "	x	5	x	5 "	N. " " "	N.87° 19'	W. 575 "	28.00
9-	"	30 "	x	4	x	3 "	N. " " "	N.87° 45'	W. 563 "	15.00

From Cor.5,

10-	Cut	16ft.	x	4	x	6ft.	W. end bears	N.45° 19'	E. 117ft.	\$15.00
11-	"	50 "	x	3	x	2 "	W. " " "	N.0° 17'	E. 240 "	12.00

Fwd. \$150.00

FIELD NOTES - MINERAL SURVEY NO. 1102

				From Sta. 260 on line 6-7,		50.00
12-	Cut	34ft. x 4 x 3ft.	W. end bears	S. 27° 49'	E. 393ft.	\$16.00
13-	"	30 " x 6 x 3 "	W. " "	N. 83° 20'	E. 204 "	22.00
14-	"	34 " x 8 x 5 "	W. " "	N. 52° 40'	E. 400 "	50.00
				From Sta. 2833 on line 6-7,		
15-	Cut	32ft. x 4 x 3ft.	W. end bears	S. 19° 58'	W. 798ft.	\$15.00
16-	"	16 " x 5 x 3 "	W. " "	S. 41° 25'	E. 340 "	10.00
17-	"	17 " x 4 x 3 "	W. " "	S. 47° 41'	E. 322 "	8.00
				From Cor. 7,		
18-	Cut	14ft. x 5 x 4ft.	W. end bears	S. 10° 58'	E. 353ft.	\$11.00
19-	"	15 " x 5 x 4 "	W. " "	S. 13° 26'	E. 331 "	12.00
20-	"	34 " x 5 x 4 "	W. " "	S. 21° 45'	E. 246 "	27.00
21-	"	16 " x 5 x 3 "	W. " "	S. 33° 44'	E. 204 "	10.00
22-	"	15- " x 5 x 3 "	W. end	S. 42° 11'	E. 190 "	9.00
23-	"	18 " x 3 x 3 "	W. " "	N. 76° 53'	E. 759 "	6.00
24-	"	15 " x 3 x 4 "	W. " "	N. 71° 14'	E. 762 "	8.00
25-	"	16 " x 5 x 4 "	W. " "	N. 33° 30'	E. 1184 "	12.00
				From Sta. 1942, on line 2-3,		
27-	Cut	58ft. x 3 x 2ft.	E. end bears	N. 65° 40'	W. 176ft.	\$14.00
26-	"	36 " x 3 x 2 "	E. " "	N. 61° 54'	W. 181 "	8.00
28-	Shaft	in frozen ground, caved,	bears	S. 69° 50'	W. 330ft.	50.00
29-	"	" " " " " "	" " "	S. 65° 14'	W. 309 "	50.00
30-	Drill holes (4)	6ins. dia. between Cors. 3 and 6, in river, average depth 10ft.				\$100.00
31-	Drill holes (4)	6ins. dia. between Cors. 2 and 7, in river, average depth 11.55ft.				\$115.00
32-	Miscellaneous small scattering excavations,					50.00
Total value						<u>\$753.00</u>

ON PERGAMOS CLAIM

				From Sta. 3621, on line 3-4		
1	Cut	24ft. x 4 x 3ft.	W. end bears	N. 45° 00'	E. 532ft.	\$12.00
2-	"	40 " x 5 x 4 "	W. " "	N. 77° 25'	E. 523 "	32.00
3-	"	48 " x 3 x 3 "	W. " "	S. 83° 14'	E. 540 "	17.00
4-	"	55- " x 3 x 4 "	W. " "	S. 82° 20'	E. 542 "	26.00
5-	"	50 " x 4 x 3 "	W. " "	S. 50° 05'	E. 538 "	24.00
6-	"	14 " x 4 x 3 "	W. " "	S. 43° 07'	E. 787 "	6.00
				From Cor. 7,		
7-	Cut	20ft. x 3ft. x 3ft.	E. end bears	S. 18° 30'	W. 971ft.	\$ 7.00
8-	"	15 " x 4 " x 5 "	N. " "	S. 18° 45'	W. 864 "	12.00
9-	"	16 " x 6 " x 4 "	N. " "	S. 17° 55'	W. 904 "	15.00
10-	"	21 " x 4 " x 4 "	W. " "	S. 18° 30'	W. 950 "	12.00
11-	"	20 " x 4 " x 3 "	E. " "	S. 15° 00'	W. 875 "	10.00
12-	"	16 " x 3 " x 4 "	E. " "	S. 14° 30'	W. 828 "	8.00
				From Sta. 3545.5 on line 7-8,		
13-	Cut	25ft. x 3ft. x 2.5ft.	E. end bears	N. 64° 00'	W. 473ft.	\$ 8.00
14-	"	" " " "	E. " "	N. 64° 50'	W. 473 "	8.00
15-	"	30 " x 3 " x 2.5 "	E. " "	N. 66° 15'	W. 476 "	9.00
16-	"	30 " x 3 " x 2.5 "	E. " "	N. 68° 00'	W. 475 "	9.00
17-	Pit	5 " x 8 " 8ft. deep,	bears	S. 43° 00'	W. 920ft.	13.00
18-	"	6 " x 8 " 8 "	" " "	S. 41° 00'	W. 942 "	15.00
19-	"	6 " x 6 " 7 "	" " "	S. 40° 30'	W. 920 "	10.00
20-	"	6 " x 6 " 7 "	" " "	S. 40° 15'	W. 930 "	10.00

Fwd. * 283.88

FIELD NOTES - MINERAL SURVEY NO.1102

		B.F.263.00
25-	2 drill holes in river, 6 ins. dia. about 500 ft. above Cor. 3, average depth 24.5 ft.	Value \$122.00
26-	3 drill holes in river, 6 ins. dia. about 1600 ft. below Cor. 4, average depth 10.1 ft.	Value 75.00
27-	3 drill holes, in river, 6 ins. dia. between Cors. 4 and 7, average depth, 8 ft.	value, 60.00
28-	Miscellaneous small scattering cuts and pits,	Value 50.00
	Total value	\$570.00

ON HOT AIR NO.2 CLAIM

	From Sta. 600, on line 6-7,			value
1-	Cut 44 ft. x 4 ft. x 3 ft.	N. end bears S. 10° 00' E.	580 ft.	\$22.00
2-	" 43 " x 4 " x 3 "	N. " " S. 8° 40' E.	586 "	20.00
3-	" 22 " x 3 " x 4 "	N. " " S. 7° 20' E.	595 "	10.00
4-	" 22 " x 3 " x 4 "	N. " " S. 6° 00' E.	595 "	10.00
	From Cor. 7,			
5-	Cut 20 ft. x 4 ft. x 3 ft.	N. end bears, N. 77° 49' W.	921 ft.	\$10.00
6-	" 27 " x 4 " x 3 "	N. " " N. 77° 34' W.	890 "	15.00
7-	Pit 9 " x 6 " x 6 "	deep, " N. 75° 47' W.	205 "	15.00
8-	Cut 30 " x 4 " x 2 "	N. end " N. 69° 08' W.	178 "	10.00
9-	" 29 " x 4 " x 3 "	N. " " N. 70° 11' W.	102 "	15.00
10-	" 25 " x 4 " x 3 "	N. " " S. 61° 32' W.	746 "	12.00
11-	" 38 " x 4 " x 3 "	N. " " S. 60° 40' W.	707 "	20.00
12-	" 25 " x 4 " x 3 "	N. " " S. 58° 35' W.	702 "	12.00
13-	" 27 " x 4 " x 3 "	N. " " S. 59° 25' W.	675 "	14.00
14-	" 38 " x 4 " x 3 "	N. " " S. 45° 45' W.	455 "	20.00
15-	" 20 " x 4 " x 4 "	E. " " S. 49° 13' W.	100 "	13.00
16-	" 20 " x 4 " x 4 "	E. " " S. 38° 58' W.	105 "	13.00
17-	" 20 " x 4 " x 3 "	E. " " S. 18° 10' W.	766 "	10.00
18-	" 18 " x 4 " x 3 "	E. " " S. 17° 56' W.	782 "	10.00
19-	" 26 " x 4 " x 3 "	E. " " S. 18° 10' W.	842 "	12.00
20-	" 23 " x 4 " x 3 "	E. " " S. 18° 01' W.	860 "	11.00
21-	" 62 " x 3 " x 3 "	E. " " S. 9° 29' E.	809 "	22.00
22-	" 57 " x 3 " x 3 "	E. " " S. 9° 17' E.	826 "	20.00
23-	" 50 " x 3 " x 3 "	E. " " S. 9° 17' E.	890 "	18.00
24-	" 50 " x 3 " x 3 "	E. " " S. 10° 26' E.	907 "	18.00
25-	" 54 " x 3 " x 3 "	E. " " S. 10° 35' E.	925 "	20.00
26-	" 94 " x 3 " x 2.5 ft.	N. end bears S. 7° 55' E.	887 ft.	30.00
27-	Miscellaneous small scattering excavations,			85.00
28-	Drill holes (7) in river, 6 ins. dia. beginning about 200 ft. N. of Cor. 1, and extending northerly 350 ft. Average depth 9.7 ft.			Value \$170.00
	Total value			\$657.00

NOTE: The drill holes in Cripple River, on the Annie, Homestake, Pergamos and Hot Air No. 2 claims as described above, could not be properly located and tied to cors. or side lines, owing to high water in the river.

FIELD NOTES - MINERAL SURVEY NO. 1102

ON NEW YORK CLAIM

		From Sta. 1134, on line 1-2,			Value
1-	Cut	88ft.	x 3ft.	x 3ft. N. end bears S.22° 05' W. 25ft.	\$30.00
2-	"	80 "	x 3 "	x 3 " N. " " S.50° 14' W. 85 "	25.00
3-	"	46 "	x 6 "	x 4 " N. " " S.35° 12' W. 126ft.	40.00
4-	"	40 "	x 6 "	x 4 " N. " " S.33° 08' W. 145 "	35.00
5-	"	60 "	x 3 "	x 3 " N. " " S.32° 01' W. 195 "	20.00
From Cor. 2,					
6-	Cut	26ft.	x 3ft.	x 3ft. N. end bears, S.31° 17' W. 965ft.	\$10.00
7-	"	28 "	x 3 "	x 3 " N. " " S.30° 02' W. 965 "	10.00
8-	"	32 "	x 4 "	x 3 " N. " " S.29° 44' W. 939 "	15.00
From Sta. 1200, line 2-3,					
9-	Shaft	in frozen ground, caved, bears S.78° 12' E. 162ft.			\$25.00
From Sta. 1603, on line 4-5,					
10-	Cut	30ft.	x 3ft.	x 2ft. S. end bears, N.74° 25' W. 42ft.	\$ 7.00
11-	"	27 "	x 4 "	x 2 " S. " " N.35° 50' W. 31 "	8.00
12-	"	26 "	x 3 "	x 2 " S. " " N. 5° 40' W. 8 "	6.00
13-	"	22 "	x 3 "	x 2 " S. " " N.17° 35' E. 29 "	5.00
14-	"	28 "	x 4 "	x 3 " S. " " N.63° 06' E. 66 "	13.00
15-	"	26 "	x 3 "	x 3 " S. " " N.32° 19' W. 78 "	9.00
16-	"	30 "	x 4 "	x 3 " S. " " N. 2° 23' W. 61 "	15.00
17-	"	30 "	x 3 "	x 3 " S. " " N. 7° 32' W. 90 "	10.00
18-	"	28 "	x 3 "	x 3 " S. " " N.28° 07' W. 149ft.	10.00
From Cor. 5,					
19-	Shaft	in frozen ground, caved, bears N.25° 53' W. 100ft.			\$95.00
20-	Cut	90ft.	x 5ft.	x 6ft. S. end bears N.71° 22' W. 206ft.	100.00
21-	"	100 "	x 20 "	x 14 " course N.20° E. then 440ft. x 5ft.	
				x 5ft. course N.34° E. S. end bears N.74° 46' W. 317ft.	val. 500.00
22-	Shaft	20ft. deep, bears N.70° 37' W. 456ft. (with extensive underground work at foot of same)			Value \$1000.00
From Sta. 617, on line 5-6,					
23-	Cut	60ft.	x 3ft.	x 2ft. S. end bears, N.65° 49' W. 87ft.	\$15.00
24-	"	70 "	x 3 "	x 2 " S. " " N.47° 15' W. 67 "	16.00
25-	"	70 "	x 3 "	x 2 " S. " " N.24° 15' W. 64 "	16.00
26-	"	34 "	x 4 "	x 2 " S. " " N.14° 58' E. 192ft.	10.00
27-	"	30 "	x 3 "	x 2 " S. " " N.18° 47' E. 278 "	7.00
28-	"	30 "	x 3 "	x 2 " S. " " N.14° 47' E. 325 "	7.00
29-	"	26 "	x 3 "	x 2 " S. " " N.22° 11' E. 315 "	6.00
30-	"	30 "	x 3 "	x 3 " S. " " N.36° 18' E. 161 "	10.00
From Sta. 1452, on line 5-6,					
31-	Cut	30ft.	x 5ft.	x 3ft. S. end bears N.5° 29' W. 364ft.	\$18.00
32-	"	40 "	x 4 "	x 4 " S. " " N.4° 11' E. 375 "	25.00
33-	"	36 "	x 4 "	x 3 " S. " " N.5° 58' E. 375 "	17.00
34-	"	35 "	x 3 "	x 3 " S. " " N.10° 47' E. 390 "	12.00
35-	"	30 "	x 3 "	x 3 " S. " " N.11° 42' E. 400 "	10.00
36-	"	65 "	x 3 "	x 3 " E. " " N.21° 43' E. 417 "	22.00
37-	"	44 "	x 3 "	x 3 " S. " " N.18° 41' E. 452 "	16.00
38-	"	30 "	x 4 "	x 3 " S. " " N.22° 07' E. 448.00	14.00
39-	Shaft	in frozen ground, caved, bears N.30° 36' E. 493 "			75.00
40-	Cut	220ft.	x 3ft.	x 3ft. S. end bears N.10° 00' W. 4 "	75.00
41-	Other	scattering small excavations (40)			\$150.00

Total value \$2569.00

Grand total value, \$7852.00 ✓

OTHER IMPROVEMENTS

A frame cabin 22ft.x 12ft. is on line 3-4 of M - M - M claim, at Sta.1107, claimant unknown.

The S.W.cor of frame house, 32ft.x 20ft. bears N.61° 30' E. 87ft. from Sta.4065, on line 3-4, of M-M-M claim. Course of long side N.14° E. Claimant unknown.

The S.E.cor. of frame cabin 20ft.x 9ft. bears N.71° 57' W. 478ft. from Cor.5 of New York claim. Course of long side, E. and W. Owned by claimant herein.

A ditch 3ft. wide 2ft. deep, extends 2600ft. southwesterly across M-M-M claim, from Sta.1447 on line 1-2 of same. Claimant unknown.

Place pit 10ft. deep on Marathon claim, between Sta.655 and 855 on line 4-1, of same, averaging 200ft. long 60ft. wide. Claimant unknown.

From Sta.5368, on line 7-8, Pergamos claim,
A cut 48ft.x 4ft.x 3ft. E.end bears, N.46° 30' W. 960ft.

A cut 18 " x 4 " x 3 " E.end bears N.49° 30' W.1060ft. Course W.

A cut 35 " x 5 " x 3 " S,end " N.56° W.1038ft. Course N.6° E.

A cut 40 " x 4 " x 4 " S. " " N.55° 15' W.880ft. " N.6° E.

Claimant unknown.

FIELD NOTES - MINERAL SURVEY NO.1102

CONNECTING LINES TO U.S.L.M. S.1102

Owing to rain and clouds and sometimes to intervening high ground, the Loc.Mon. could not be seen from the No.1 Cors. of this claim, except from the Homestake and Pergamos locations, the connecting lines from which, were obtained by direct observation and measurement. I therefore run angular connecting lines from the other No.1 Cors. to the Loc.Mon. as follows:

Beginning at U.S.L.M. S.1102,

Thence S.5° 36' W. 461.2ft. to Cor.1 Homestake, claim,

,, S.4° 12' E. 1722.0 ,, ,, 2 ,, ,,

,, S.34° 33' W. 2730.0 ,, ,, 3 ,, ,,

,, S.35° 24' E. 1140.5 ,, ,, 4 ,, ,,

,, N.89° 44' E. 350.0ft. ,, Cor.1 Annie claim, and Cor.1 Marathon,

Calculated course and dist. N.4° 52' 1/2 E. 5372.37ft.

Thence N.89° 44' E. 1390.0ft. from Cor.1 Annie to Cor.1 May,

Calculated course and dist. from Cor.1 May, N.9° 54' W. 5427.32ft.

Thence S.0° 16' E. 5000.0ft. to Cor.4 May,

,, S.89° 44' W. 1390.0ft. to Cor.1 M.M.M. claim,

Calculated course and dist. from Cor.1, M.M.M. N.2° 24' E. 10361.92ft.

Commencing again at Cor.1 May claim,

Thence N.89° 44' E. 1390.0ft. to Cor.2 May,

,, S.0° 16' E. 2796.0ft. to Cor.1 New York, claim,

Calculated course and dist. from Cor.1 New York, N.16° 01' 1/2 W. 8464.82ft. to U.S.L.M. S.1102.

Beginning at U.S.L.M. S.1102,

Thence S.5° 36' W. 461.2 Loc.Mon. to Cor.1 Homestake,

,, S.75° 57' W. 1031.0 to Cor.8 Homestake and Cor.2 Pergamos,

,, N.29° 04' W. 1125.5 to Cor.3 Pergamos,

,, N.3° 30' 1/2 W. 5414.0ft. to Cor.4 Pergamos,

,, N.60° 36' W. 646.6ft. to Cor.5 Pergamos and Cor.1 Hot Air No.2

Calculated course and dist. from Cor.1 Hot Air No.2,

S.22° 31' 1/2 E. 6490.88ft.

FIELD NOTES - MINERAL SURVEY NO. 1102

I N S T R U M E N T

This survey was made with a W. & L. E. Gurley light mining transit, equipped with a 5.5 in. limb and verniers reading to single minutes, 4 in. vertical arc and solar eye piece. Instrument in good order and adjustment at time of survey.

Distances were all measured with a 200 ft. and 100 ft. steel tapes of standard make and plummets used on sloping ground.

Observation of Sun for Meridian,
At sta. 4065 on line 3-4, M.M.M. claim, Aug. 3rd. 1913, 3 p.m.

Dec. 17° 27' 27"							
					sin.		.30000
Alt. 35° 27' 3/4"		corrected to center of Sun,			cos.		.81449
Lat. 64° 32' 1/2"		from U.S. Geol. map.			cos.		.42986
		Tan. Alt.					.71231
		Tan. Lat.					2.10047

$$\text{Cos. Az. of Sun} = \frac{\sin. D}{\cos. A \cos. L} - \tan. A \tan. L =$$

$$\frac{.30000}{.35012} - 1.49619 = -.63934 = \cos. 50^\circ 15' 1/2" = S. 50^\circ 15' 1/2" W.$$

and true bearing to Sun. From this line I turn 46° 52' 1/2" Right to Cor. 4 M.M.M. claim, making true bearing of line 3-4 M.M.M. claim, N. 82° 52' W. from which all courses of this survey are deflected. The above is the mean of four observations.

R E M A R K S

The survey of this claim is identical with its separate locations and the disagreement between these field notes and the respective location certificates, with regard to the courses and lengths of the boundary lines, is due to errors in the latter.

The adjoining claims are, on the north the Manhattan placer unsurveyed and on west of Pergamos claim the X.L. placer, unsurveyed, claimants unknown. On all other sides of this survey, the claims are unknown and unsurveyed.

NOTE: All cor. posts on this survey except where stones are used, are well painted with red paint.

ESTABLISHMENT OF U.S. LOC. MON.

For the U.S.L.M. I set a lime stone 30ins.x 22ins.x 4.5ins. 15ins.in ground, chiseled on W.face, U.S.L.M. S.1102 and cross (x) on top surface to mark true point and erect stone mound 6ft. base 4ft. high, on E. side of same.

A cross (x) chiseled on flat bedrock, marked B.R. S.1102, bears S.55° 02' E. 15.5ft.

Cor.1 Homestake claim, Sur.1102, bears S.5° 36' W. 461.2ft.

Cor.1 Pergamos claim, ,, 1102, ,, S.21° 29' W. 533.6ft.

Rock peak bears S.54° 47' W. about one half mile,

Rock peak ,, N.79° 07' W. ,, one mile,

No other bearings available.

This Loc.Mon. is established on a rocky eminence about 2.25 miles from the shore of Bering Sea and 700ft. east of Cripple River, approximately 150ft. in elevation above same.

In Lat. 64° 34' 1/2 N. Long. approximately 165° 47' W.

NOTE: No good durable stone of the minimum dimensions in thickness could be found in the neighborhood, for the U.S.L.M. and no timber of sufficient size. I therefore set a stone 4.5 inches in thickness, as being the best obtainable.

2 copies. original

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF M. M. M. and MAY Association places

Sur. 1102

6-86

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
3	N. 82° 52' W. ✓	4795.00 ✓	595 ²⁹ 44 ✓			4757 ^{8.40} .89 ✓	4758.40	2832627.94 ✓	
4	N. 54° 22' E. ✓	2423.60 ✓	1411.99 ✓		1969.81 ✓		7547.25	10656037.75 ✓	
1	N. 89° 44' E. ✓	2780.00 ✓	12.93 ✓		2779.97 ✓		2798.03 ✓	35926.71 ✓	
2	S. 0° 16' E. ✓	2020.00 ✓		2019.98 ✓	939 ✓		918 ✓		1854397 ✓
			2020.36	2019.98	4759.17	4757.89		13524592.40	18543.97
			2020.04	2020.04	4758.40	4758.40		18543.97	
							87120	13506048.43	155.028 ✓

Area 155.028 Acres ✓

MAY CLAIM

3	S. 89° 44' W. ✓	1390.00 ✓		6.46 ✓		1389.99 ✓	1389.99		8979.34
4	N. 0° 16' W. ✓	5000.00 ✓	4999.95 ✓			23.25 ✓	2803.23	4016009.84	
1	N. 89° 44' E. ✓	1390.00 ✓		6.46 ✓		1389.99 ✓	1436.49 ✓	9279.73	
2	S. 0° 16' E. ✓	5000.00 ✓		4999.95 ✓		23.25 ✓			116248.84
			5006.41	5006.41	1413.24	1413.24		14025289.57	125228.18
								125288.18	
							87120	13900001.39	159.550 ✓

Area 159.550 Acres ✓

201

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF MARATHON and NEW YORK PLACERS

Survey No. 1107

3-85

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
MARATHON CLAIM									
3	S. 89° 44' W. ✓	1390.00✓		6.46✓		1389.99✓	1389.99✓		8979.34✓
4	N. 0° 16' W. ✓	5000.00✓	4999.95✓			23.25✓	2803.23✓	14016009.84✓	
1	N. 89° 44' E. ✓	1390.00✓		6.46✓		1389.99✓		1436.49✓	9279.73✓
2	S. 0° 16' E. ✓	5000.00✓		4999.95✓		23.25✓		73.25✓	116248.84✓
			5006.41	5006.41	1413.24	1413.24		14025289.57✓	125228.18✓
								125288.18	
								87120	13900001.39
									159.550 ✓

NEW YORK CLAIM

1	S. 75° 48' E. ✓	2133.80✓		523.48 ⁵⁸ ✓		2068.61 ⁵⁵ ✓		2068.55✓	1083051.41✓
2	N. 83° 35' E. ✓	2200.00✓	245.87 ⁷³ ✓			2186.23 ¹⁷ ✓		6323.27✓	1553817.14✓
3	S. 0° 16' E. ✓	1600.00✓		1599.98 ⁰⁹ ✓		7.44 ²⁰ ✓		8516.84✓	13627710.52✓
4	S. 83° 35' W. ✓	2200.00✓		245.87 ⁰⁹ ✓		2186.23 ²⁹ ✓		6337.95✓	1559199.08✓
5	N. 75° 49' W. ✓	2133.30✓	522.72 ⁵⁸ ✓			2068.28 ³⁴ ✓		2083.32✓	1088701.37✓
6	N. 0° 16' W. ✓	1601.50✓	1601.48 ³⁷ ✓			7.45 ⁴⁹ ✓		7.49✓	11994.26✓
			2370.07	2369.29	4262.28	4261.96		2654512.77	16269961.01✓
			2369.68	2369.68	4262.12	4262.12			2654512.77
								87120	13615448.24
									156.284 ✓

202

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF PERGENUE ASSN. PLACER

Survey No. 1102

6-85

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1	S. 75° 57' W. ✓	876.00 ✓		212.69 ✓	849.81 ✓		849.81 ✓	180746.09 ✓	
2	N. 29° 04' W. ✓	1120.50 ✓	983.73 ✓		546.83 ✓		2246.45 ✓	220990.26 ✓	4
3	N. 3° 30 1/2' W. ✓	5414.00 ✓	5403.85 ✓		331.49 ✓		3124.77 ✓	688544.64 ✓	
4	N. 60° 36' W. ✓	646.60 ✓	317.41 ✓		563.34 ✓		4019.60 ✓	1275861.24 ✓	
5	N. 46° 19' E. ✓	922.70 ✓	637.26 ✓	667.25 ✓			3915.69 ✓	2495312.61 ✓	
6	S. 58° 57' E. ✓	1022.70 ✓		527.52 ✓	876.17 ✓		2372.30 ✓	1251435.70 ✓	
7	S. 2° 34' E. ✓	5708.30 ✓		5702.59 ✓	255.62 ✓		1240.69 ✓	7075295.27 ✓	
8	S. 28° 48' E. ✓	1025.30 ✓		899.22 ✓	492.61 ✓		492.61 ✓	442964.76 ✓	
			7342.30 ✓	7341.96 ✓	2291.70 ✓	2291.25 ✓	122866.51 ✓	895044.82 ✓	
			7342.14 ✓	7342.14 ✓	2291.47 ✓	2291.47 ✓	895044.82 ✓		
							87120.13 ✓	139160.77 ✓	159.735 acres ✓
									Area = 159.735 Acres ✓

203

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF HOMESTAKE ASSN. PLACER

Sw. 1102

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.				
2	S. 34° 33' W. ✓	2730.00✓		2248.51 ³³ ✓	1548.26 ²² ✓	1548.22✓		3480909.47✓	3481119.17	
3	S. 35° 24' E. ✓	1140.50✓		929.66✓	660.67 ⁶⁹ ✓	2435.75✓		2264419.35✓		
4	S. 89° 44' W. ✓	1570.00✓		7.30 ³¹ ✓	1569.98 ⁹⁶ ✓	3345.02✓		24452.10✓		
5	N. 31° 50' W. ✓	1020.00✓	866.58 ⁵⁷ ✓		538.00 ⁹⁸ ✓	5452.96✓	472537.155✓			
6	N. 37° 05' E. ✓	3255.00✓	2596.71 ⁶⁹ ✓		1962.70 ⁷⁵ ✓	4028.19✓	10459960.69✓			
7	N. 4° 30' W. ✓	1193.00✓	1189.33 ³² ✓		93.60 ⁵⁸ ✓	2159.02✓	2567765.67✓			
8	N. 75° 57' E. ✓	1031.00✓	250.30✓		1000.15 ⁶ ✓	1252.44✓	313485.73✓			
1	S. 4° 12' E. ✓	1722.00✓		1717.37 ³⁸ ✓	126.12 ¹⁴ ✓	126.14✓		216630.31✓		
			4902.42		4902.84		3749.64	3749.84	✓1806658264	598672088
			4902.88		4902.88		3749.74	3749.74	528441123598641123	598672088
Area			138.658		Acres			87120	1207986276	138.658 138.661
			138.661					1208017241		

ANNIE ASSN.

2	S. 89° 44' W. ✓	410.00✓		1.91 ⁹⁰ ✓	409.97 ^{09.97} ✓	409.97✓		778.94✓		
3	N. 34° 30' W. ✓	2685.00✓	2217.79 ⁸⁵ ✓		1520.81 ⁶² ✓	2340.56✓	5179308.20✓			
4	N. 89° 44' E. ✓	1920.00✓	8.93 ³ ✓		1919.98 ^{20.11} ✓	1941.07✓	17430.81✓			
1	S. 0° 16' E. ✓	2220.00✓		2219.98 ⁹³ ✓	1032 ⁴⁸ ✓	10.48✓		23264.87✓		
			2221.72		2221.89		1930.30	1930.81	5196739.01✓	24043.81✓
			2221.83		2421.83		1930.59	1930.59	24043.81	
Area			59.374		Acres			87120	5172695.20✓	59.374✓

202

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF HOT AIR NO. 2 ASSN. PLACER

Sur. 1102

6-86

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
8	S. 46° 19' W. ✓	1264.00 ✓		871.63 ⁸¹ ✓		912.64 ^{.54} ✓	912.54		795561.50 ✓
1	N. 44° 25' W. ✓	1344.00 ✓	959.98 ⁷⁸ ✓			940.63 ^{.53} ✓	2765.61	2654377.16 ✓	
2	N. 58° 21' W. ✓	2222.30 ✓	1166.11 ^{6.79} ✓			1891.78 ^{.64} ✓	5597.75	6525800.97 ✓	
3	N. 15° 17' W. ✓	1660.50 ✓	1601.77 ⁵³ ✓			437.69 ^{.56} ✓	7926.92	12695200.19 ✓	
4	N. 79° 51' E. ✓	1117.50 ✓	196.94 ⁷⁸ ✓		1100.01 ^{.09} ✓		7264.39	1429486.66 ✓	
5	S. 15° 17' E. ✓	1100.00 ✓		1061.09 ²⁵ ✓		289.95 ^{90.03} ✓	5874.27		6234069.04 ✓
6	S. 60° 47' E. ✓	2190.00 ✓		1068.96 ^{9.28} ✓		1911.39 ^{.56} ✓	367268		3927123.27 ✓
7	S. 43° 42' E. ✓	1274.40 ✓		921.35 ^{.54} ✓		880.46 ^{.56} ✓	880.56		811471.26 ✓
			3924.80	3923.03	4181.81	4182.74		√23304864.98	11768225.07 ✓
			3922.88	3922.88	4182.24	4182.24		11768225.07	
							87120	11536639.91 ✓	132.422 ✓

Area 132.422 Acres ✓

205

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF Connecting Lines to U.S.L.M.

Surv. 1102

6-85

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
<i>FROM COR. 1 NEW YORK CLAIM.</i>									
	S. 5° 36' W.	461.2		459.00 ✓		45.00 ✓			Loc. Now. to Cor. 1 Homestake,
	S. 4° 12' E.	1722.0		1717.37 ✓	126.12 ✓				line 1-2 Homestake
	S. 34° 33' W.	2730.0		2248.51 ✓		1548.26 ✓			" 2-3 "
	S. 35° 24' E.	1140.5		929.66 ✓	660.67 ✓				" 3-4 "
	N. 89° 44' E.	350.0	1.63 ✓		350.00 ✓				Cor. 4 Homestake to Cor. 1 Annie,
			1.63	5354.54 ✓	136.79 ✓	1593.26			Cor. 1 Marathon to Cor. 1 May,
	N. 89° 44' E.	1390.0	6.46		1389.99				Cor. 1 May to Cor. 2 May,
	N. 89° 44' E.	1390.0	6.46		1389.99				Along line 2-3 May to Cor. 1 New York
	S. 0° 16' E.	2796.0		2795.92 ✓	13.00 ✓				
			14.55	8150.51	13929.77 ✓	1593.26			
				14.55	1593.26				
	Cal. course and dist.			8135.96	2336.51 ✓				S. 16° 01' 1/2 E. 8464.82 ft. from U.S.L.M. to Cor. 1 New York

FROM COR. 1 HOT AIR NO. 2

	S. 5° 36' W.	461.2		459.00 ✓		45.00 ✓			Loc. Now. to Cor. 1 Homestake
	S. 75° 57' W.	1031.0		750.30 ✓		1000.15 ✓			Line 1-8 Homestake,
	N. 29° 04' W.	1125.5	983.75 ✓			546.80 ✓			" 2-3 Pergamos,
	N. 3° 30' 1/2 W.	5414.0	5403.85 ✓			331.34 ✓			" 3-4 Pergamos,
	N. 60° 36' W.	646.6	317.42 ✓			563.32 ✓			Cor. 4 Pergamos to Cor. 1 Hot Air No. 1,
	Cal. course and distance,		6705.02 ✓	709.30 ✓		2486.61 ✓			S. 72° 31' 1/2 E. 6490.88 ft. from Cor. 1 Hot Air No. 2

906

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF Connecting Lines to U.S. L.M. S. 1102

Sur. 1102

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	S. 5° 36' W.	461.2		459.00✓		45.00✓			Loc. Now to Cor. 1 Homestake
	S. 4° 12' E.	1722.0		1717.37✓	126.12✓				line 1-2, Homestake.
	S. 34° 33' W.	2730.0		2248.51✓		1548.26✓			" 2-3 "
	S. 35° 24' E.	1140.5		929.66✓	660.67✓				" 3-4 "
	N. 89° 44' E.	350.0	1.63✓		350.00✓				Cor. 4 Homestake to Cor. 1 Annie
				5354.54	1136.79	1593.26			
				1.63		1136.79			
				5352.91		456.47✓			
	Calculated Course and distance								
	N. 89° 44' E.	1390.0	6.46✓		1389.99✓				N. 4° 52' 1/2 E. 5372.37 ft. from Cor. 1 Annie.
	Calculated Course and distance			5346.45✓	933.52✓				Cor. 1 Marathon to Cor. 1 May
	S. 89° 44' W.	1390.0		6.46✓		1389.99✓			N. 9° 54' W. 5427.32 ft. from Cor. 1 May.
	S. 0° 16' E.	5000.0		5354.91✓		456.47✓			Cor. 1 May to Cor. 1 Marathon
	S. 0° 16' E.	5000.0		4999.95✓	23.75✓				Cor. 1 Marathon to Cor. 1 M.M.M.
				10354.86✓		433.22✓			Cor. 1 Marathon to Cor. 1 M.M.M.
	Calculated course and distance								N. 2° 24' E. 10361.92 ft. from Cor. 1 M.M.M.

208

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Arthur G. Blake
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of Grecian -
Alaska Gold Dredging Company, known as - M. M. M., New York,
~~known as the~~ May-Marathon - Annie-Honestake - Pergamos and Hot Air No. 2
 and showing the respective capacities in which they acted.

Nek Mitchell , Chainman.
Vasilis Eustathiou , Chainman.
Nek Mitchell , Axman.
Vasilis Eustathiou , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Nek Mitchell
 and Vasilis Eustathiou , do solemnly swear that we assisted Arthur G.
Blake , United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Grecian - Alaska Gold Dredging Co.
~~known as the~~ M. M. M. - New York - May - Marathon - Annie - Honestake
Pergamos and Hot Air No. 2, Association places.
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Alaska

Nek Mitchell , Chainman.
Vasilis Eustathiou , Chainman.
Nek Mitchell , Axman.
Vasilis Eustathiou , Flagman.

Subscribed and sworn to by the above-named persons before me this 26th
 day of August , 1913

J. M. Smith
 Notary Public for Alaska
 My Commission expires 1st September, 1914.
 6-1043

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Arthur G. Blake, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Alaska, dated July 18th 1913, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Grecian-Alaska Gold Leasing Co. known as the M-M-M, New York, May, Marathon, Annie, known as the Hornetake, Pigeons and Hot Air No. 2, wash. placers, situate in Cape Nome Precinct, Peirce and Mining District, District of Alaska County, _____, in Section _____ Township No. _____ Range No. _____ and designated as Survey No. 1102, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Arthur G. Blake
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Arthur G. Blake
U. S. Deputy Mineral Surveyor, before me a Notary Public
this 24th
day of August 1913.

J. W. Norton
Notary Public for Alaska
My Commission expires 1st September 1914

**SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD
NOTES AND SURVEY OF MINING CLAIM.**

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Juneau, Alaska.

January 12, 1914., 190-

I, U. S. Surveyor-General for Alaska

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Grecian-Alaska Gold Dredging Company

Known as the K.M.M. New York; May; Marathon; Annie; known as the Homestake; Pergamos; and Hot Air No. 2, Association Placers.

situate in Nome mining district,

County, Alaska.

in Section _____, Township No. _____, Range No. _____

_____ , designated as Survey No. 1102

executed by Arthur G. Flake, U. S. Deputy Mineral Surveyor, July 27- August 16, 1913., 190., under my instructions dated

July 18, 1913., 190., have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

Charles E. Davidson

U. S. Surveyor-General for Alaska.

R E P O R T

A - The soil of this claim is principally gravel and sediment in the river bottom and gravel and clay mixed, overlaid with clay and humus from two to four feet deep, on the river banks and higher parts of the claim. The surface supports a growth of small scattering willows on the river bottom and moss and grass elsewhere on the claim.

B - There is but one stream on this claim, named Cripple River which carries on an average, not less than 7500 cubic feet per minute and flows in a general southerly direction, through the center of the claim.

A frame cabin 22ft.x 12ft. is on line 3-4 of M-M-M claim at Sta.1107, claimant unknown.

The S.W.cor.of frame house 32ft.x 20ft.bears N.61° 30' E.87ft. from Sta.4065 on line 3-4 of M-M-M claim. Course of long side N.14° E. Claimant unknown.

The S.E.cor.of frame cabin 20ft.x 9ft.bears N.71° 57' W.478ft. from Cor.5 of New York claim.Course of long side E.and W. Owned by claimant herein.

A ditch 3ft.wide 2ft.deep, extends 2600ft.southwesterly across the M-M-M claim, from sta.1447 on line 1-2 of same.

A placer pit 10ft.deep on Marathon claim, between sta.655 and 855 on line 4-1 of same, averaging 200ft.long 60ft.wide. Claimants to each unknown.

From sta.5368 on line 7-8, Pergamos claim,

A cut 48ft.x 4ft.x 3ft.E.end bears N.46° 30' W.960ft.Course W.

" " 18 " x 4 " x 3 " E. " " N.49° 30' W.1060ft. " W.

" " 35 " x 5 " x 3 " S. " " N.56° W.1038ft. " N.6E

" " 40 " x 4 " x 4 " S. " " N.55° 15' W.880ft. " N.6E

Claimants unknown.

MINERAL SURVEY NO.1102

REPORT CONTD.

C - The surface and underground workings on this claim, consist of the following items;

ON M-M-M CLAIM
From Sta.1390, of line 1-2,

									Course	
1-	Cut	16ft.	x	3ft.	x	3ft.	S. end bears	S. 87° 34'	W. 796ft.	N.W.
2-	"	36 "	x	3 "	x	3 "	S. " "	S. 86° 44'	W. 815 "	"
3-	"	50 "	x	6 "	x	2 "	S. " "	S. 25° 28'	W. 845 "	"
4-	"	20 "	x	9 "	x	3 "	N. " "	S. 50° 04'	W. 546 "	S.
5-	"	56 "	x	3 "	x	3 "	N. " "	S. 5° 17'	W. 162 "	S.
6-	"	30 "	x	3 "	x	3 "	N. " "	S. 1° 44'	E. 156 "	S.
7-	"	34 "	x	3 "	x	3 "	N. " "	S. 10° 48'	E. 156 "	S.
8-	"	34 "	x	3 "	x	3 "	N. " "	S. 15° 00'	E. 183 "	S.
9-	"	30 "	x	3 "	x	3 "	N. " "	S. 22° 10'	E. 198 "	S.
10-	"	56 "	x	3 "	x	3 "	N. " "	S. 29° 43'	E. 164 "	S.
11-	"	30 "	x	3 "	x	3 "	N. " "	S. 35° 37'	E. 170 "	S.
12-	"	40 "	x	4 "	x	3 "	N. " "	S. 78° 41'	E. 581 "	S.

From Sta.4065, line 3-4,

									Course	
13-	Cut	38ft.	x	4ft.	x	4ft.	W. end bears	N. 76° 28'	E. 818ft.	East
14-	"	20 "	x	3 "	x	4 "	W. " "	N. 77° 58'	E. 787 "	"
15-	"	30 "	x	3 "	x	4 "	W. " "	N. 79° 22'	E. 762 "	"
16-	"	22 "	x	3 "	x	4 "	W. " "	N. 80° 22'	E. 746 "	"
17-	"	44 "	x	4 "	x	3 "	W. " "	N. 81° 57'	E. 720 "	"
18-	"	90 "	x	2 "	x	2 "	W. " "	N. 78° 08'	E. 483 "	S.E.
19-	"	52 "	x	2 "	x	2 "	W. " "	N. 78° 57'	E. 469 "	"
20-	"	50 "	x	3 "	x	2 "	W. " "	N. 79° 48'	E. 468 "	"
21-	"	100 "	x	30 "	x	3 "	deep, W. end bears	N. 70° 28'	E. 347ft.	"

From Sta.1363, on line 4-1,

									Course	
22-	Cut	36ft.	x	6ft.	x	3ft.	W. end bears	N. 65° 45'	E. 11ft.	N. 55° E.
23-	"	34 "	x	3 "	x	3 "	W. " "	N. 63° 27'	E. 65 "	"
24-	"	24 "	x	3 "	x	3 "	W. " "	N. 63° 57'	E. 105 "	"

From Cor.1,

25-	Drill hole	6ins. dia.	11.5ft. deep,	bears	S. 4° 55'	E. 530ft.
26-	"	6 "	22.2 "	"	S. 5° 15'	E. 380 "
27-	"	6 "	23.8 "	"	S. 4° 55'	E. 236 "

28- Miscellaneous small scattering excavations.

ON MAY CLAIM

From Cor.1,

									Course	
1-	Cut	31ft.	x	3ft.	x	3ft.	N. end bears,	S. 44° 21'	E. 700ft.	S.E.
2-	"	35 "	x	3 "	x	3 "	N. " "	S. 43° 05'	E. 693 "	S.E.
3-	"	36 "	x	3 "	x	3 "	N. " "	S. 42° 07'	E. 697 "	S.E.
4-	"	32 "	x	3 "	x	3 "	N. " "	S. 41° 00'	E. 690 "	S. 60 E.
5-	"	30 "	x	3 "	x	3 "	N. " "	S. 39° 31'	E. 694 "	"
6-	"	31 "	x	3 "	x	3 "	N. " "	S. 38° 35'	E. 687 "	"
7-	"	36 "	x	3 "	x	3 "	N. " "	S. 37° 23'	E. 687 "	"
8-	"	38 "	x	3 "	x	3 "	N. " "	S. 36° 19'	E. 683 "	S.E.
9-	"	15 "	x	3 "	x	3 "	N. " "	S. 30° 37'	E. 686 "	S. 60° E.

From Sta.1260 on line 2-3,

									Course	
10-	Cut	20ft.	x	5ft.	x	3ft.	E. end bears,	S. 23° 22'	W. 383ft.	West
11-	"	17 "	x	4 "	x	3 "	E. " "	S. 21° 14'	W. 410 "	"
12-	"	20 "	x	6 "	x	4 "	E. " "	S. 19° 53'	W. 424 "	"
13-	"	20 "	x	4 "	x	3 "	E. " "	S. 19° 09'	W. 442 "	"
14-	"	26 "	x	6 "	x	3 "	E. " "	S. 16° 54'	W. 481 "	"

MINERAL SURVEY NO.1102

REPORT CONTD.

From Sta.1815 on line 4-1,

							Course
15-	Cut	28ft.x 10ft.x 9ft.	W.end bears,	N.38° 38' E.	597ft.		East
16-	"	98 " x 6 " x 3 "	W. " "	N.46° 25' E.	192 "		"
17-	"	50 " x 16 " x 8 "	W. " "	N.67° 35' E.	250 "		"
18-	Shaft	in frozen gravel, caved,	bears	N.58° 56' E.	136 "		
19-	Cut	20ft.x 4ft.x 4ft.	W.end bears,	N.80° 13' E.	300ft.		N.E.
20-	"	26 " x 3 " x 3 "	W. " "	N.87° 44' E.	290 "		"
21-	"	23 " x 4 " x 3 "	W. " "	S.89° 36' E.	294 "		"
22-	"	26 " x 5 " x 4 "	W. " "	S.86° 08' E.	300 "		"
23-	"	12 " x 6 " x 4 "	W. " "	S.82° 29' E.	340 "		N.80° E.
24-	"	26 " x 4 " x 3 "	W. " "	S.81° 06' E.	319 "		S.
25-	"	40 " x 3 " x 2 "	W. " "	S.55° 45' E.	96 "		E.
26-	"	34 " x 3 " x 2 "	W. " "	S.38° 54' E.	66 "		"
27-	"	26 " x 3 " x 3 "	W. " "	S.32° 01' E.	93 "		"
28-	"	24 " x 3 " x 2 "	W. " "	S.27° 07' E.	110 "		"
29-	"	28 " x 3 " x 3 "	W. " "	S.25° 46' E.	123 "		"
30-	"	26 " x 3 " x 3 "	W. " "	S.20° 33' E.	134 "		"
31-	"	20 " x 3 " x 2 "	W. " "	S. 6° 05' E.	135 "		"
32-	Shaft	in frozen ground, caved,	bears	S.12° 36' E.	153 "		
33-	Cut	36ft.x 4ft.x 3ft.	W.end bears,	S.13° 34' E.	162 "		E.
34-	"	24 " x 3 " x 3 "	W. " "	S. 9° 21' E.	173 "		"
35-	"	24 " x 3 " x 3 "	W. " "	S. 8° 24' E.	200 "		"
36-	"	36 " x 3 " x 2 "	W. " "	S. 5° 28' E.	212 "		"

From Sta.1340, on line 4-1,

						Course
37-	Cut	120ft.x 3ft.x 2ft.	W.end on line at sta.1340,			E.

From Sta.1405, on line 4-1,

38-	Drill hole	6ins.dia.7.5ft.deep,	S.10° 20' E.	730ft.
39-	"	" 6 " " 25.9 " "	S.10° 40' E.	719 "
40-	"	" 6 " " 14.3 " "	S.17° 00' E.	799 "
41-	"	" 6 " " 4.7 " "	bears S.22° 18' E.	900ft.

42- Miscellaneous small scattering excavations.

ON MARATHON CLAIM

From Sta.1181, on line 2-3,

						Course
1-	Cut	25ft.x 4ft.x 3ft.	E.end bears,	S.61° 43' W.	187ft.	W.
2-	"	24 " x 4 " x 3 "	E. " "	S.62° 27' W.	171 "	"
3-	"	30 " x 4 " x 2 "	E. " "	S.70° 23' W.	152 "	"
4-	"	25 " x 4 " x 2 "	E. " "	S.87° 58' W.	124 "	"
5-	Shaft	in frozen ground, caved,	bears	N.29° 14' W.	757 "	
6-	"	" " " " " "	" " "	N.16° 32' W.	867 "	
7-	Cut	18ft.x 9ft.x 4ft.	S.end bears,	N. 8° 56' W.	849 "	N.W.
8-	"	18 " x 9 " x 4 "	S. " "	N. 7° 41' W.	858 "	"
9-	Drill hole	6ins.dia., 12.8ft.deep,	bears,	N.8° 30' W.	230ft.	
10-	"	" 6 " " 16.7 " "	" " "	N.13° 20' W.	280ft.	
11-	"	" 6 " " 17.0 " "	" " "	N.16° 45' W.	329 "	
12-	"	" 6 " " 20.0 " "	" " "	N.18° 01' W.	383ft.	
13-	"	" 6 " " 17.7 " "	" " "	N.19° 11' W.	438 "	

From Sta.3185, on line 2-3,

						Course
14-	Shaft	in frozen ground, caved,	bears	N. 3° 08' W.	306ft.	
15-	"	" " " " " "	" " "	S.76° 27' W.	78 "	
16-	"	" " " " " "	" " "	S.59° 26' W.	461 "	
17-	"	" " " " " "	" " "	S.36° 48' W.	325 "	
18-	"	" " " " " "	" " "	S. 9° 00' W.	220 "	
19-	"	" " " " " "	" " "	S. 0° 50' W.	193 "	
20-	Cut	20ft.x 4ft.x 4ft.	W.end bears,	S. 5° 28' W.	442 "	East
21-	"	54 " x 5 " x 4 "	W. " "	S. 6° 07' W.	476 "	"
22-	"	12 " x 15 " x 6 "	N. " "	S. 6° 07' W.	479 "	South

MINERAL SURVEY NO.1102

REPORT CONTD.

ON ANNIE CLAIM

		From Cor.3,				Course
1-	Cut	21ft.	x	4ft.	x	2ft. S.end bears, N.49° 37' E. 100ft. N.
2-	"	18 "	x	3 "	x	2 " S. " " N.31° 39' E. 79 " "
3-	"	24 "	x	3 "	x	2 " S. " " N. 3° 05' W. 86 " "
4-	"	20 "	x	5 "	x	5 " S. " " N.15° 15' E. 216 " "
5-	"	36 "	x	5 "	x	3 " S. " " N. 4° 40' E. 225 " "
6-	"	20 "	x	5 "	x	4 " S. " " N. 1° 38' W. 236 " "
7-	"	26 "	x	6 "	x	5 " S. " " N. 8° 52' W. 232 " "
8-	"	19 "	x	6 "	x	4 " S. " " N.15° 36' W. 226 " "
9-	"	20 "	x	6 "	x	4 " S. " " N.21° 15' W. 232 " "
#10- to #15, Six drill holes 6ins.dia.av.depth 14.2ft. beginning N.9° 30' W. 440ft.from Cor.3, and extending 300ft.northerly across Cripple River.						
16-	Cut	16ft.	x	3ft.	x	4ft. W.end at sta.540, on line 3-4, Course N.E.
17-	"	17 "	x	4 "	x	4 " W. " " " 666 " " " " " "
18-	"	22 "	x	4 "	x	4 " W. " " " 724 " " " " " "
19-	"	20 "	x	3 "	x	4 " W. " " " 749 " " " " " "
		From Sta.568, on line 3-4,				Course
20-	Cut	27ft.	x	3ft.	x	3ft. W.end bears, N.30° 00' W. 283ft. East
21-	"	22 "	x	3 "	x	3 " W. " " N.28° 43' W. 287 " "
22-	"	22 "	x	3 "	x	3 " W. " " N.28° 04' W. 293 " "
23-	"	24 "	x	4 "	x	3 " W. " " N.23° 00' W. 592 " N.E.
24-	"	20 "	x	4 "	x	3 " W. " " N.23° 00' W. 604 " "
25-	"	25 "	x	5 "	x	4 " W. " " N.21° 15' W. 656 " "
26-	"	18 "	x	4 "	x	3 " W. " " N.22° 32' W. 657 " "
		From Sta.1570, on line 4-1,				Course
27-	Cut	34ft.	x	3ft.	x	3ft. N.end bears, S.89° 44' W. 228ft. S.W.
28-	"	36 "	x	4 "	x	4 " N. " " S.82° 22' W. 398 " "
29-	"	37 "	x	3 "	x	3 " N. " " S.88° 34' W. 203 " "
30-	"	36 "	x	3 "	x	3 " N. " " S.83° 22' W. 195 " "
31-	"	34 "	x	3 "	x	3 " N. " " S.81° 50' W. 188 " "
32-	"	28 "	x	3 "	x	3 " N. " " S.77° 11' W. 200 " "
33-	"	15 "	x	6 "	x	4 " E. " " S.21° 00' E. 90 " W.
34-	"	20 "	x	6 "	x	3 " E. " " S 8° 07' E. 388 " W.
35- Miscellaneous small scattering excavations.						

ON HOMESTAKE CLAIM

		From Cor.4,				Course
1-	Cut	38ft.	x	6ft.	x	4ft. N.end bears, N.40° 54' W. 418ft. S.W.
2-	"	14 "	x	3 "	x	3 " N. " " N.52° 09' W. 532 " S.
3-	"	20 "	x	4 "	x	3 " N. " " N.61° 23' W. 767 " S.
4-	"	15 "	x	3 "	x	3 " N. " " N.64° 48' W. 861 " S.
5-	"	14 "	x	7 "	x	3 " N. " " N.67° 32' W. 931 " S.
6-	"	20 "	x	3 "	x	4 " N. " " N.87° 11' W. 612 " S.W.
7-	"	20 "	x	3 "	x	4 " N. " " N.87° 19' W. 598 " S.W.
8-	"	28 "	x	5 "	x	5 " N. " " N.87° 19' W. 575 " S.W.
9-	"	30 "	x	4 "	x	3 " N. " " N.87° 45' W. 563 " S.W.
		From Cor.5,				Course
10-	Cut	16ft.	x	4ft.	x	6ft. W.end bears, N.45° 19' E. 117ft. N.E.
11-	"	50 "	x	3 "	x	2 " W. " " N. 0° 17' E. 240 " "

MINERAL SURVEY NO.1102

REPORT CONTD.

From Sta.260, on line 6-7,

									Course
12-	Cut	34ft.x	4ft.x	3ft.	W.end	bears,	S.27°49'	E. 393ft.	N.E.
13-	"	30 "	x 6 "	x 3 "	W. "	"	N.83°20'	E. 204 "	S.E.
14-	"	34 "	x 8 "	x 5 "	W. "	"	N.52°40'	E. 400 "	S.E.

From Sta.2833 on line 6-7,

									Course
15-	Cut	32ft.x	4ft.x	3ft.	W.end	bears,	S.19°58'	W. 798ft.	E.
16-	"	16 "	x 5 "	x 3 "	W. "	"	S.41°25'	E. 340 "	"
17-	"	17 "	x 4 "	x 3 "	W. "	"	S.47°41'	E. 322 "	"

From Cor.7,

									Course
18-	Cut	14ft.x	5ft.x	4ft.	W.end	bears,	S.10°58'	E. 353ft.	S.E.
19-	"	15 "	x 5 "	x 4 "	W. "	"	S.13°26'	E. 331 "	"
20-	"	34 "	x 5 "	x 4 "	W. "	"	S.21°45'	E. 246 "	"
21-	"	16 "	x 5 "	x 3 "	W. "	"	S.33°44'	E. 204 "	"
22-	"	15 "	x 5 "	x 3 "	W. "	"	S.42°11'	E. 190 "	"
23-	"	18 "	x 3 "	x 3 "	W. "	"	N.76°53'	E. 759 "	"
24-	"	15 "	x 3 "	x 4 "	W. "	"	N.71°14'	E. 762 "	E.
25-	"	16 "	x 5 "	x 4 "	W. "	"	N.33°30'	E.1124 "	N.E.

From Sta.1942, on line 2-3,

									Course
26-	Cut	36ft.x	3ft.x	2ft.	E.end	bears,	N.61°54'	W. 181ft.	N.W.
27-	"	58 "	x 3 "	x 2 "	E. "	"	N.65°40'	W. 176 "	"
28-	Shaft	in	frozen	ground,	caved,	bears	S.69°50'	W. 330ft.	
29-	"	"	"	"	"	"	S.65°14'	W. 309 "	

30- 4 Drill holes 6ins.dia.in Cripple River, between Cors.3 and 6, Average depth 10ft.

31- 4 Drill holes 6ins.dia. in Cripple River, between Cors.2 and 7, Average depth,11.55ft.

32- Miscellaneous small scattering excavations.

ON PERCAMOS CLAIM

From Sta.3621, on line 3-4,

									Course
1-	Cut	24ft.x	4ft.x	3ft.	W.end	bears,	N.45°00'	E. 532ft.	East
2-	"	40 "	x 5 "	x 4 "	W. "	"	N.77°25'	E. 523 "	"
3-	"	48 "	x 3 "	x 3 "	W. "	"	S.83°14'	E. 540 "	"
4-	"	55 "	x 3 "	x 4 "	W. "	"	S.82°20'	E. 542 "	"
5-	"	50 "	x 4 "	x 3 "	W. "	"	S.50°05'	E. 538 "	N.E.
6-	"	14 "	x 4 "	x 3 "	W. "	"	S.43°07'	E. 787 "	E.

From Cor.7,

									Course
7-	Cut	20ft.x	3ft.x	3ft.	E.end	bears,	S.18°30'	W. 971ft.	S.88°W.
8-	"	15 "	x 4 "	x 5 "	N. "	"	S.18°45'	W. 864 "	S.
9-	"	16 "	x 6 "	x 4 "	N. "	"	S.17°55'	W. 904 "	S.
10-	"	21 "	x 4 "	x 4 "	W. "	"	S.18°30'	W. 950 "	E.
11-	"	20 "	x 4 "	x 3 "	E. "	"	S.15°00'	W. 875 "	S.W.
12-	"	16 "	x 3 "	x 4 "	E. "	"	S.14°30'	W. 888 "	S.W.

From Sta.3545.5 on line 7-8,

									Course
13-	Cut	25ft.x	3ft.x	2.5ft.	E.end	bears,	N.64°00'	W. 473ft.	West
14-	"	"	"	"	E. "	"	N.64°50'	W. 473 "	"
15-	"	30 "	x 3 "	x 2.5 "	E. "	"	N.66°15'	W. 476 "	"
16-	"	"	"	"	E. "	"	N.68°00'	W. 475 "	"
17-	Pit	5 "	x 8 "	x 8 "	deep,	bears,	S.43°00'	W. 920 "	
18-	"	6 "	x 8 "	x 8 "	"	"	S.41°00'	W. 942 "	
19-	"	6 "	x 6 "	x 7 "	"	"	S.40°30'	W. 920 "	
20-	"	6 "	x 6 "	x 7 "	"	"	S.40°15'	W. 930 "	

MINERAL SURVEY NO.1102

REPORT CONTD.

- 25- Drill holes in Cripple River,(2) 6ins.dia.about 500ft.up-stream from Cor.3, Average depth 24.5ft.
- 26- Drill holes in Cripple River,(3) 6ins.dia. about 1600ft.be-low Cor.4, Average depth 10.1ft.
- 27- Drill holes in Cripple River,(3) 6ins.dia. between Cors.4 and 7. Average depth 8ft.
- 28- Miscellaneous small scattering excavations.

HOT AIR NO.2 CLAIM

From Sta.600 on line 6-7,

						Course
1- Cut	44ft.x	4ft.x	3ft.	N.end bears,	S.10°00' E	580ft. S.10° E.
2- "	43 "	x 4 "	x 3 "	N. " "	S. 8°40' E.	586 " "
3- "	22 "	x 3 "	x 4 "	N. " "	S. 7°20' E.	595 " "
4- "	22 "	x 3 "	x 4 "	N. " "	S. 6°00' E	595 " "

From Cor.7,

						Course
5- Cut	20ft.x	4ft.x	3ft.	N.end bears,	N.77°49' W.	921ft. S.10° E.
6- "	27 "	x 4 "	x 3 "	N. " "	N.77°34' W.	890 " "
7- "	9 "	x 6 "	x 6 "	N. " "	N.75°47' W.	205 " "
8- "	30 "	x 4 "	x 2 "	N. " "	N.69°08' W.	178 " S.W.
9- "	29 "	x 4 "	x 3 "	N. " "	N.70°11' W.	102 " "
10- "	25 "	x 4 "	x 3 "	N. " "	S.61°32' W.	746 " S.5° E.
11- "	38 "	x 4 "	x 3 "	N. " "	S.60°40' W.	707 " "
12- "	25 "	x 4 "	x 3 "	N. " "	S.58°35' W.	702 " "
13- "	27 "	x 4 "	x 3 "	N. " "	S.59°25' W.	675 " "
14- "	38 "	x 4 "	x 3 "	N. " "	S.45°45' W.	455 " S.
15- "	20 "	x 4 "	x 4 "	E N. " "	S.49°13' W.	100 " S.W.
16- "	20 "	x 4 "	x 4 "	E N. " "	S.38°58' W.	105 " "
17- "	20 "	x 4 "	x 3 "	E. " "	S.18°10' W.	766 " West
18- "	18 "	x 4 "	x 3 "	E. " "	S.17°56' W.	782 " "
19- "	26 "	x 4 "	x 3 "	E. " "	S.18°10' W.	842 " "
20- "	23 "	x 4 "	x 3 "	E. " "	S.18°01' W.	860 " "
21- "	62 "	x 3 "	x 3 "	E. " "	S. 9°29' E.	809 " S.70° W.
22- "	57 "	x 3 "	x 3 "	E. " "	S. 9°17' E.	826 " "
23- "	50 "	x 3 "	x 3 "	E. " "	S. 9°17' E.	890 " "
24- "	50 "	x 3 "	x 3 "	E. " "	S.10°26' E.	907 " "
25- "	54 "	x 3 "	x 3 "	E. " "	S.10°35' E.	925 " "
26- "	94 "	x 3 "	x 2.5ft.	N.end bears,	S.7°55' E.	887 " "

- 27- Miscellaneous small scattering excavations.
- 28- Drill holes (7) in Cripple River,6ins.dia. beginning about 200ft.N.of Cor.1 and extending northerly 350ft. Average depth of same 9.7ft.

ON NEW YORK CLAIM

From Sta.1134 on line 1-2,

						Course
1- Cut	88ft.x	3ft.x	3ft.	N.end bears,	S.22°05' W.	25ft. S.35° W.
2- "	80 "	x 3 "	x 3 "	N. " "	S.50°14' W.	85 " S.
3- "	46 "	x 6 "	x 4 "	N. " "	S.35°12' W.	126 " S.E.
4- "	40 "	x 6 "	x 4 "	N. " "	S.33°08' W.	145 " "
5- "	60 "	x 3 "	x 3 "	N. " "	S.32°01' W.	195 " S.

From Cor.2,

						Course
6- Cut	26ft.x	3ft.x	3ft.	N.end bears,	S.31°17' W.	965ft. S.
7- "	28-	x 3 "	x 3 "	N. " "	S.30°02' W.	965 " S.
8- "	32 "	x 4 "	x 3 "	N. " "	S.29°44' W.	939 " S.

MINERAL SURVEY NO.1102

REPORT CONTD.

From Sta.1200 on line 2-3,
 9- Shaft in frozen ground,caved,bears,S.78°12' E. 162ft.

From Sta.1603 on line 4-5,

									Course
10-	Cut	30ft.x	3ft.x	2ft.	S.end	bears,	N.74°25'	W.	42ft. N.
11-	"	27 "	x 4 "	x 2 "	S. "	"	N.35°50'	W.	31 " N.E.
12-	"	26 "	x 3 "	x 2 "	S. "	"	N. 5°40'	W.	8 " N.
13-	"	22 "	x 3 "	x 2 "	S. "	"	N.17°35'	E.	29 " N.E.
14-	"	28 "	x 4 "	x 3 "	S. "	"	N.63°06'	E.	66 " N.
15-	"	26 "	x 3 "	x 3 "	S. "	"	N.32°19'	W.	78 " N.
16-	"	30 "	x 4 "	x 3 "	S. "	"	N. 2°23'	W.	61 " N.E.
17-	"	30 "	x 3 "	x 3 "	S. "	"	N. 7°32'	W.	90 " "
18-	"	28 "	x 3 "	x 3 "	S. "	"	N.28°07'	W.	149 " "

From Cor.5,

									Course
19-	Shaft	in	frozen	ground,	caved,	bears,	N.25°53'	W.	100ft. N.
20-	Cut	90ft.x	5ft.x	6ft.	S.end	bears,	N.71°22'	W.	206ft. N.
21-	"	100ft.x	20ft.x	14ft.	course	N.20°E.	then	440ft.x	5ft. N.
		x 5ft.	course	N.34°E.	S.end	bears	N.74°46'	W.	317ft. N.
22-	Shaft	20ft.	deep,	bears,	N.70°37'	W.	456ft.	(with	extensive
								underground	work
								at	foot
								of	same)

From Sta.617 on line 5-6,

									Course
23-	Cut	60ft.x	3ft.x	2ft.	S.end	bears	N.65°49'	W.	87ft. N.
24-	"	70 "	x 3 "	x 2 "	S. "	"	N.47°15'	W.	67 " "
25-	"	70 "	x 3 "	x 2 "	S. "	"	N.24°15'	W.	64 " N.30° E.
26-	"	34 "	x 4 "	x 2 "	S. "	"	N.14°58'	E.	192 " N.
27-	"	30 "	x 3 "	x 2 "	S. "	"	N.18°47'	E.	278 " "
28-	"	30 "	x 3 "	x 2 "	S. "	"	N.14°47'	E.	325 " "
29-	"	26 "	x 3 "	x 2 "	S. "	"	N.22°11'	E.	315 " "
30-	"	30 "	x 3 "	x 3 "	S. "	"	N.36°18'	E.	161 " "

From Sta.1452 on line 5-6,

									Course
31-	Cut	30ft.x	5ft.x	3ft.	S.end	bears	N. 5°29'	W.	364ft. N.W.
32-	"	40 "	x 4 "	x 4 "	S. "	"	N. 4°11'	E.	375 " "
33-	"	36 "	x 4 "	x 3 "	S. "	"	N. 5°58'	E.	375 " "
34-	"	35 "	x 3 "	x 3 "	S. "	"	N.10°47'	E.	390 " "
35-	"	30 "	x 3 "	x 3 "	S. "	"	N.11°42'	E.	400 " "
36-	"	65 "	x 3 "	x 3 "	S. "	"	N.21°43'	E.	417 " "
37-	"	44 "	x 3 "	x 3 "	S. "	"	N.18°41'	E.	452 " "
38-	"	30 "	x 4 "	x 3 "	S. "	"	N.22°07'	E.	448 " "
39-	Shaft	in	frozen	ground,	caved,	bears	N.30°36'	E.	493 " "
40-	Cut	220ft.x	3ft.x	3ft.	S.end	bears	N.10°00'	W.	4ft. N.10° W.

41- Other small scattering excavations,(40 in all)

D - The nearest post office to the claim, is Nome, a mining town of about 3000 population, located at the mouth of Snake River on the shore of Bering Sea and about 12 miles E.S.E. from the claim. The nearest railroad station is the terminus of the Nome-Arctic Railroad at Nome. This railroad is not being operated at present.

E - There are no known lodes or systems of lode deposits, in the vicinity or on the claim.

REPORT CONTD.

F - This claim is well adapted for placer mining, either by dredging or by the use of hydraulic methods, as the river bottom is a gravel filled channel not frozen and can be easily handled by dredges. That portion of the claim not in the river, has a good grade and slope to the river and tailing can be easily and cheaply disposed of, if deposited in the river.

A ditch has been constructed on the west bank of Cripple River, taking water from same above this claim, and running the full length of the claim. This ditch has a capacity of 900 cubic feet per minute or more and could be utilized for cheaply mining this claim. The mining done on the claim so far, has been drift mining and some shallow open cut, pick and shovel work.

G - The works and expenditures made by the claimant for the development of the claim, consist of all the items mentioned under paragraph -C- of this report.

H - There are no mines, salt licks, salt springs or mill seats upon this claim and there are no hot springs or medicinal springs known to be on the claim or within one half mile of same.

Arthur G. Blake

U.S. Mineral Surveyor.

OATH OF UNITED STATES MINERAL SURVEYOR

Under paragraph 60, General Mining Circular, approved May 21, 1907.

I, Arthur G. Blake, U. S. Mineral Surveyor,

do solemnly swear that in pursuance of an order received from the U. S. Surveyor General for Alaska, dated July 18th, 1913,

I have made, under the provisions of paragraph 60, General Mining Circular, approved May 21, 1907, a personal and thorough examination, upon the premises, of the placer mining claim of the Grecian - Alaska Gold Dredging Co.

known as - M-M-M, New York, May, Marathon, Annie, Home-
known as the stake, Pergamos and Hot iii No 2 assn. places

situate in Cape Nome Recording Precinct and Mining District, District of Alaska County, embracing

~~in~~ Township No. _____, Range No. _____, and that my report

of such examination, hereto attached, is specific and in detail, and is a full and true statement of the facts upon all the points specified in the paragraph referred to.

Arthur G. Blake
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Arthur G.
Blake, U. S. Mineral Surveyor,

before me a Notary Public
this 24th day of August, 1913

J. M. Struth
Notary Public for Alaska
0-2 my Commission expires 1st September 1914

CORROBORATIVE AFFIDAVIT UNDER PARAGRAPH 60, GENERAL MINING CIRCULAR.

APPROVED MAY 21, 1907.

United States of America }
COUNTY OF District of Alaska } ss:

W. W. Hatch and S. J. Bjornson

being first duly sworn, severally depose and say that he is personally and well acquainted with the placer-mining claim of Grecian - Alaska Gold Dredging Com-

pany, known as the M-M-M-New York - May Marathon - Annie - Homestake - Pergamos and Hot Air No. 2 claim, in Cape Nome Recording & Mining District, District of Alaska, situate in _____ County, _____, embracing _____

_____ in Township No. _____

Range No. _____; and also with the character of all the land included in said claim, and has been so acquainted for five year S. last past; that his knowledge of said claim and land is derived from actual examination of same.

_____ and is such as to enable him to testify understandingly with regard thereto; that he has carefully read the foregoing report of Arthur G. Blake, U. S. Mineral Surveyor, and that to his own personal knowledge said report is in all respects true and accurate.

W. W. Hatch
S. J. Bjornson

Subscribed and sworn to by the above-named persons before me

this 5th day of November, 1913.

J. A. M. Stettin
Notary Public for Alaska
my Commission expires 1st September 1914.

4-697.

U. S. SURVEYOR-GENERAL'S APPROVAL OF REPORT UNDER PARAGRAPH 60, GENERAL
MINING CIRCULAR.

APPROVED JULY 26, 1901.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

~~Juneau, Alaska~~

~~January 18, 1914~~, 190

I, U. S. Surveyor-General for ~~Alaska~~, do hereby
certify that the foregoing and annexed report of the examination of the placer mining
claim of ~~Greens-Alaska Gold Dredging Company,~~
~~Known as the H.M.M. New York Day Marathon Annie,~~ known as the
~~Homestake Bergans and Hot Air Co. 2, Association Placers,~~
made by U. S. Deputy Mineral Surveyor ~~Arthur G. Flake,~~
under the provisions of General Mining Circular approved July 26, 1901, and under
my instructions dated ~~July 18, 1913~~, 190, has been carefully examined
and conforms in all respects to the requirements of said circular, and said report is
hereby approved.

Charles E. Davidson

U. S. Surveyor-General for ~~Alaska~~.