

A.J.T. Taylor Collection

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Taylor, Alfred James Towle, 1887-1945

[Dolly Varden Mine and other maps and plans relating to the Granby Co. and Taylor Engineering Co. Ltd. 1915-1920. -- Vancouver, B.C. : ca. 1915-1920].

103 maps : ms. and photocopy ; various scales ; 836 x 56 cm. to 24 x 18 cm.

Alfred James Towle Taylor was born in Victoria in 1887. He was a prominent engineering contractor and entrepreneur. For four years during World War II he was technical adviser to the British Ministry of Production in London and Washington, D.C. He built IOCO and a number of office buildings for Imperial Oil Ltd., the Lions Gate Bridge, British Properties, Capilano Estates, and was closely involved with the Guinness family interests in British Columbia.

The maps and plans in this collection are related to the Taylor Engineering Co. Ltd. interests in the Granby Co. and its Dolly Varden Mine and related developments in the Alice Arm area. The Dolly Varden group was staked in 1910, and in 1915 the Dolly Varden Mines Company was organized by Chicago, Boston, and New York interests. In 1917 the Taylor Engineering Company commenced construction of a narrow-gauge railway to the property. The cost of this construction greatly exceeded the estimate, and litigation resulted in the transfer of the mine operation to the Taylor Engineering Company. The railway was completed in 1919, and the Taylor Mining Company was organized to bring the property into production that same year. Mining was carried on until 1921. A first mortgage was foreclosed, and the property was transferred to the Northern Mines Properties, Limited.

For further information on the Dolly Varden Mine, see the annual reports of the B.C. Minister of Mines, especially 1936, pp. B33-B39.

For a biography of A. J. T. Taylor, see ms. v. F. #236.

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see ms. v.F.#236.*

A. Dolly Varden Mines

1. Dolly Varden Mine / The Taylor Engineering Co. Ltd., Vancouver, B.C. June-July 1919. -- : [Project no.] M1201, Map[s] obtained from the Granby Co. -- [Vancouver, B.C.] : Granby Co., 1919.
11 plans : photocopies ; scale [1:480] and [1:240] ; 80.6 x 53.7 cm. to 27.5 x 21.4 cm.
 - a. 1201-2 Diamond drill location. -- cont. no.810, Drawing no.A2710-E, July 1, 1919. -- 1 blueprint ; scale [1:240] ; 53.7 x 80.6 cm. -- "263 in ink on verso.
 - b. M1201-3 1-2-3 tunnel levels. -- Drawing no.A-2708-E July 1, 1919. -- 1 blueprint ; scale [1:240] ; 53.3 x 81 cm. -- "264" in verso.
 - c. 1201-4 #4 tunnel level. -- cont. no.810, Drawing no.A-2709-E, July 1, 1919, -- 1 blueprint ; scale [1:480] ; 53.6 x 80.6 cm. -- "265" on verso.
 - d. M1201-5 Vertical section A.A. -- cont. no.810, Drawing no.S-2705-E, June 30, 1919. -- 1 blueprint ; scale [1:480] ; 27.5 x 21.4 cm. -- "260" on verso.
 - e. M1201-6 Vertical section B.B. -- cont. no.810, Drawing no.S-2704-E, June 30, 1919. -- 1 blueprint ; scale [1:480] ; 27.5 x 21.4 cm. -- "259" on verso.
 - f. M1201-7 Vertical section C.C. -- cont. no.810, Drawing no.S-2707-E, June 30, 1919. -- 1 blueprint ; scale [1:480] ; 27.5 x 21.4 cm.
 - g. M1201-8 Assay map. -- cont. no.810, Drawing no.S-2706-E, June 30, 1919. -- 1 blueprint ; scale [1:240] ; 27.5 x 21.4 cm. -- "256" on verso.
 - h. M1201-9 Assay maps. -- cont. no.810, Drawing no.S-2703-E, June 30, 1919. -- 1 blueprint ; scale [1:240] ; 27.5 x 21.4 cm. -- "261" on verso.
 - i. M1201-10 Assay maps. -- cont. no.810, Drawing no.S-2700-E, June 30, 1919. -- 1 blueprint ; scale [1:240] ; 27.5 x 21.4 cm. -- "255" on verso.
 - j. M1201-11 Assay maps. -- cont. no.810, Drawing no.S-2701-E, June 30, 1919. -- 1 blueprint ; scale [1:240] ; 27.5 x 21.4 cm. -- "262" on verso.
 - k. M1201-12 Assay maps. -- cont. no.810, Drawing no.S-2702-E, June 30, 1919. -- 1 blueprint ; scale [1:240] ; 27.5 x 21.4 cm. -- "257" on verso.
2. Map of cuts and tunnels Dolly Varden Group, June 25, 1916. -- 1 plan : photocopy : scale [1:1 200] ; 68.9 x 88.6 cm. -- shows Dolly Varden claim and numbers 1 and 2.
3. Contour plan of ground adjacent to wharf at Alice Arm. -- 1 plan ; scale [1:1 200] ; 24.3 x 54.2 cm.
 - a) manuscript on tracing linen, in black, brown & red ink and pencil.
 - b) blueprint
 - c) blueprint with pencil note: "Datum on this sketch is 33.5' above 0 = Low Water mark" and additional contour points.
4. Plan of portion of 400 level - elev. 1638 / [Frank Sanford, Chief Engineer] 30:12:19. -- 1 plan : manuscript on tracing linen, col. ; scale not given ; 26.2 x 36 cm. -- "Showing 1. dia. drill holes - ore in red, 2. development work for Dec. shaded, 3. projection of ore bodies from 304 level." -- "Entered on model Jan. 12-1920 F.S.Jr.

- A. 5. Sections through 433 raise / [Frank Sanford, Chief Engineer] 30.11.19. --
8 plans : manuscript on tracing linen, col. ; scale [1:480] ; various sizes. -- Title and scale are on (a).
6. Plan to accompany report on development scheme Dolly Varden Mine, November 1919. -- 1 plan : manuscript on tracing linen, col. ; scale not determined ; 60.4 x 76 cm.
7. Vertical longitudinal section (plane of projection bearing N61°42'E) of the Dolly Varden vein showing mine workings with western and eastern extensions (North Star Mine). -- 1 plan : manuscript on tracing linen, part. col. ; scale [1:1 200] ; 40.6 x 72 cm.
8. [Leases and claims on Kitsault River and Trout Creek]. -- 1 plan : manuscript on tracing linen ; scale [1:12 000] ; 40 x 67 cm. -- Shows approx. location of railroad; mill site; 3 damsites on Trout Creek.
9. [Plan of mine on District Lots 3193, 3192, 3198, 3195]. -- 1 plan : manuscript on tracing linen ; scale not determined ; 48 x 89 cm. -- shows buildings, tram lines, road, tunnels, cuts.
10. Projected longitudinal section N55°E showing developed area on Dolly Varden Vein - position of faults and details of ore estimate July 1st 1920. -- 1 plan : manuscript, part. col., on tracing linen ; scale [1:480] ; 43 x 89 cm.
- B. Dolly Varden Mines Railway. -- [Vancouver, B.C. : Dolly Varden Mines], 1918-1920. Plans : photocopies ; scale [1:4 800] ; 836 x 38 cm. and less.
1. Alice Arm, B.C. May 1918. -- 1 blueprint : 3 sheets in 1, rolled ; scale [1:1 200] ; 56.3 x 835.7 cm. -- note on verso: "Dolly Varden RR 0-6 Miles Alice Arm, B.C. 1" = 100'". a) ms. on tracing paper - very fragile
b) blueprint
2. Profile of Dolly Varden Mines Ry. Sta 00+00 to Sta 901+00 / compiled from levels run over traverse in 1919. -- 1 map profile : ms., part. col., rolled ; scale: horizontal [1:4 800], vertical [1:240] ; 33.6 x 695 cm. -- Trestles and spans indicated; numerals in black and red on graph paper.
3. Profile... -- 1 map profile : blueprint, 3 rolls ; scale: horizontal [1:240] ; 38 x 703.6 cm.
4. Profile of Dolly Varden Mines Ry. "Sanctioned under sub-section 1 of Section 18 B.C. Railway Act 1911, R.S.B.C.", October 29, 1920. -- 1 blueprint ; rolled ; 36 x 704.5 cm.
5. Plan of the Dolly Varden Mines Ry. Alice Arm, Cassiar Dist., October 29, 1920 / compiled from traverse, approximately correct. -- 1 blueprint : rolled ; scale [1:4 800] ; 97.9 x 386 cm. -- Lower left corner and part of upper right corner missing.
6. Revision plan #1, Dolly Varden Mines Railway (Mile 5-6) Sta 271+11 to Sta 302+11.9 (track reverse chainage). -- 1 map : photocopy ; scale [1:1 200] ; 62.3 x 104.8 cm. -- Insets: Profile of "P" line location Sta 271+11 to Sta 294+48.5 - Track traverse Sta 302+11.9. -- scale: horizontal [1:4 800], vertical [1:240]; Profile of "P" line location Sta 271+11 to Sta 293+74.1

- B. 6. - Track traverse Sta 298+63.9. -- scale: horizontal [1:4 800], vertical [1:240].
- a. Stamp: Sanctioned under Sub-section 1 of Section 26 of B.C. Railway Act 1911. R.S.B.C. ... 1920. -- verso: "770".
 - b. Stamp not dated: signatures of President and Chief Engineer.
7. Revision plan #2, Dolly Varden Mines Railway (Sta 728+87.8 to 38.2) mile 14-15 / M.M. Churchill, resident engineer, Frank Sanford, Chief engineer, Camp 8 3-8-20. -- 1 plan : photocopy ; scale [1:1 200] ; 63.2 x 230 cm. -- Inset: Profile of track on 5% grade - Mile 14-15 (Sta 728+87 to Sta 784+22.8). -- scale: horizontal [1:4 800], vertical [1:240].
- a. Stamp: Sanctioned under Sub-section 1 of Section 26 B.C. Railway Act 1911 R.S.B.C., John Oliver, Minister of Railways, B.C. October, 1920.
 - b. Original stamp with "1", "26" and "20" in ink, lacking minister's name and full date.
8. [Proposed railway line from Dolly Varden no.5 & no.6 M.C. on Kitzault River to Mud Creek Canyon]. -- 1 plan : photocopy ; scale [1:] ; 24.5 x 282 cm. -- Some pencil marks added to blueprint.

C. Wolf Mineral Claim

1. Wolf Mine [Project no.] M1202, Map[s] obtained from the Grnaby Co. / The Taylor Engineering Co. Ltd., July 11, 1919. -- [Vancouver, B.C.] : Granby Co. 1919.
 - 10 plans : photocopies ; scale [1:240] and smaller; 86.1 x 56.5 cm. to 27.5 x 21.4 cm.
 - A. M1202-1 Wolf mineral claims. -- cont. no.810, Drawing no.B-2725-E. -- 1 blueprint ; scale [1:3 600] ; 40.8 x 51.4 cm. -- verso: "111".
 - B. M1202-2 Wolf Mine diamond drilling #1 vein. -- cont. no.810, Drawing no.B-2726-E. -- 1 blueprint ; scale [1:240] ; 40.8 x 51.2 cm. -- verso: "252".
 - C. M1202-3 Wolf Mine diamond drilling #2 vein. -- Drawing no.A-2727-E. -- 1 blueprint : scale [1:240] ; 53.5 x 83 cm. -- verso: "251".
 - D. M1202-4 No.1 vein section AA Wolf Mine. -- cont. no.810, Drawing no. S-2729-E. -- 1 blueprint : scale [1:480] ; 24 x 18 cm. -- verso: "254".
 - E. M1202-10 Wolf outcrop, Krumb & Conway samples (conways underlined). -- cont. no.810, Drawing no.B2728-E. -- 1 blueprint ; scale [1:480] ; 40.7 x 52.5 cm. -- verso: "253".
2. Trout Creek-Wolf Mine
 - A. Traverse map Trout Creek to Wolf Millsite / H.C. Ingle, Aug. 1, 1916. -- 1 plan ; scale [1:1 200] ; 69.5 x 90.4 cm. -- Note: Old Wolf Mine & millsite traverse, elevations in red from Millsite Datum, elevations in black from Powersite Datum.

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Maps - Ms.Coll. - Taylor

C. 2. A. a. 1 manuscript on tracing linen.

b. 1 brownprint.

c. The Taylor Engineering Co. Ltd., Consulting & contracting engineers, Vancouver, B.C. 12th July 1919. -- cont. no.810, Drawing no.A-2730-E, issued Sep 6, 1919. -- 1 blueprint ; 53.2 x 80.6 cm.

B. Contour map of Trout Creek and vicinity, Wolf Mine / Dolly Varden Mines Company, August 1916. -- 1 map : photocopy ; scale [1:360] ; 84.5 x 141.5 cm. ; brownprint; lower left corner missing.

C. Wolf Mine

a. Assay map no.1 ore body Wolf Mine July 1917. -- 1 plan : ms. on tracing linen ; scale [1:240] ; 73.5 x 113 cm.

b. Longitudinal section of Wolf claim bearing 72°E. showing positions of open cuts. -- 1 plan : ms. ink & pencil on graph paper ; scale [1:960] ; 50.8 x 50.7 cm.

3. Wolf Hydro Electric Development

A. Plan of flume line, power house & mill sites Wolf Mine. -- 1 map : photocopy ; scale [1:600] ; 76.6 x 117.4 cm. -- Inset: profile of Trout Creek Falls. -- scale [1:120]. -- brownprint; tears along right edge

B. Plan of 12 inch flow-line / The Taylor Engineering Co. Ltd., Consulting & contracting engineers, Vancouver, B.C. -- Drawing no.0-2998-E. -- 1 plan.; scale [1:1 200]..-- 50 x 94.2 cm.

a. 1 manuscript on tracing linen.

b. 1 whiteprint

C. Wolf Creek intake dam : cross section of creek. -- 1 plan : manuscript on tracing linen ; scale [1:24] ; 27 x 78 cm. on sheet 32 x 87 cm.

D. Alice Arm

[Ore bunkers] Alice Arm / Taylor Engineering Co., March-April 1920. -- [Vancouver, B.C. : Granby Co., 1920].

10 plans : photocopies ; scales differ ; 86 x 56 cm. to 28 x 22 cm.

1. Ore bunker approach - cross sections. -- cont. no.910-3-1, Drawing no. B-2761-E, March 10, 1920. -- 1 blueprint ; scale [1:120] ; 40.2 x 51.1 cm.

2. Ore bunker approach-elevation. -- cont. no.910-3-1, Drawing no.B-2762-E, March 10, 1920. -- 1 blueprint ; scale [1:96] ; 40.8 x 51.1 cm. -- Verso: "774".

3. Detailed arrangement of ore bunkers. -- cont. no.910-3-1, Drawing no.A-2765-E, March 8, 1920. -- 1 blueprint ; scale [1:48] ; 53.2 x 80.2 cm. -- Verso: "773".

- D. 4. Detail of truss for bunker approach. -- cont. no.910-3-1, Drawing no. A-2766-E, March 8, 1920. -- 1 blueprint ; scale [1:12] ; 53.2 x 81 cm.
5. Alteration to trestles for bunker approach track. -- cont. 910-3-1, Drawing no.B-2775-E, April 15, 1920. -- 1 blueprint ; scale [1:48] ; 40.2 x 51.3 cm. -- verso: "774B".
6. Location of railway track to new bunker and proposed alteration to present track. -- cont. no.910-3-1, Drawing noA-2776-E, April 19, 1920. -- 2 blueprints, scale [1:3 168 000] ; 53.2 x 81 cm.
- a. Stamp: "Sanctioned under Sub-section 1 of Section 26 B.C. Railway Act 1911 R.S.B.C. ... Minister of Railways, B.C. ... 1920." Numbers 1, 26 and 20 added in ink. -- Verso: "772".
- b. Copy of revision, with stamp near title block, and signatures of A.J.T. Taylor, President, and the Chief Engineer.
7. Plan showing Waterfall Creek, Alice Arm. -- cont. no.810, Drawing no.S-2713-E, July 3, 1919. -- 1 blueprint ; scale [1:4 800] ; 24.2 x 17.8 cm. -- verso: "112".
- E. Kitsault River, Mud Hill Canyon Traverse, etc.
[Kitsault River wagon road]. -- [Vancouver, B.C. : Dolly Varden Mines, 1915-1917].
5 plans; photocopies ; scales differ ; 91 x 570 cm. to 50 x 238 cm.
1. Proposed location line of wagon road - Kitsault River. -- 3 blueprints : rolled ; scale: horizontal [1:5 280] , vertical [1:1 200] ; 90.6 x 570 cm. -- Poor condition, with various lacunae on each.
2. Traverse of waggon road following the Kitzault River, Alice Arm, Prince Rupert, Nov. 27, 1915 / surveyed by A.E. Wright. -- 1 blueprint : rolled ; scale [1:4 800] : scale of details [1:480] ; 65.6 x 526.8 cm.
3. Mud Hill Canyon traverse, Nov. 29th 1917. -- 3 profiles : manuscript on 1 sheet ; scale not given ; 49.7 x 238 cm. (sheet) -- Pencil and black ink. -- Verso: "Alignment map xing Kitzault River".
- F. Trout Lake Hydro-Electric Development
[Trout Lake Hydro-Electric Development] / The Taylor Engineering Co. Ltd. Consulting and Contracting Engineers, Vancouver, B.C. -- [Vancouver, B.C. : Dolly Varden Mines, 1920].
10 plans : photocopies ; various scales ; 83.9 x 111.6 cm. to 40.7 x 51.2 cm.
1. Profile-16 in. steel pipe line. -- Drawing no.0-2999-E, Feb, 1920 -- 2 plans on 1 sheet : manuscript on tracing linen ; scale [1:480] and [1:120] ; 78.9 x 107.9 cm. -- contents: R. Kitsault and Wolf Creek Dam; Tail Race to River.
2. Profile... . -- 2 plans on 1 sheet : whiteprint ; 83.9 x 111.6 cm. -- manuscript numerals -- Lower right corner missing.
3. Profile 12" woodstave pipeline. -- Drawing no.A-297-E, Oct. 1, 1920. -- 1 blueprint ; scale [1:720] ; 52.8 x 80.8 cm.

- F. 4. General arrangement. -- cont. no.910-5-1, Drawing no.B-2799-E, Sept. 15, 1920. -- 1 blueprint ; scale [1:6 000] ; 40.7 x 51.2 cm.
5. Details of intakes Trout Creek and Wolf Creek. -- Cont. no.910-5-1, Drawing no.B-2970-E, Sept 27, 1920. -- 1 blueprint ; scale [1:48] ; 40.7 x 51.3 cm.
6. Profile of 16 inch dia. pipe line. -- Drawing no.B-2971-E ; September 27, 1920. -- 1 blueprint ; scale [1:960] ; 40.7 x 51.2 cm.
7. Trout Creek intake cross section. -- 1 plan : manuscript on tracing linen ; scale [1:24] ; 37.2 x 83.7 cm.
8. Plan of damsites on Trout Creek. -- 1 plan : photocopy ; scale [1:240] ; 40.6 x 60.5 xm. -- "blueprint".
- G. Tiger Mining Claim
Tiger Mining Claim, Alice Arm, B.C. -- [Vancouver, B.C. : Dolly Varden Mines], 1920.
4 plans : photocopies ; scale [1:240] and [1:3 600] ; 52.8 x 103.3 cm. to 39.5 x 36.5 cm.
1. Tiger Group. -- 1 blueprint ; scale [1:3 600] ; 32.7 x 35 cm.
2. Tiger M.C. Alice Arm, B.C. April 18, 1920. -- 1 blueprint ; 101 x 50.2 cm.
3. Point between cuts 5½ and 6, Station 2 also Hole no.4, Station 4, April 18, 1920. -- 1 blueprint ; 41.3 x 30.3 cm.
4. Cut no.6, Hole no.3 Station no.3, April 18, 1920. -- 1 blueprint : 53.3 x 33.9 cm. -- Insets: section of elevations Holes 8 and 9 south from Hole no.2; section at Holes no.2 and 6.
- H. Miscellaneous
1. Hotel Georgia, Vancouver, B.C. : suggestions for proposed alterations (Feb. 1931) / Sharp Thompson architects. -- 1 technical drawing : 2 plans on 1 sheet : scale [1:150] ; 85.2 x 46.5 cm. -- blueprint. -- Contents: Ground Floor Plan ; Basement Plan. -- Name of architects written across lower right corner of original.
2. Vertical section [of unidentified building showing roof, gutter, outlets, downspout]. -- 1 technical drawing ; 68.3 x 59.6 cm.
- a. manuscript on tracing paper. -- portions missing along top and corners.
- b. blueprint.
3. [Traverse - unidentified]. -- blueprint ; 55.8 x 62.9 cm.