ABERDEEN FOREST
AGRICULTURE
G. A. FISHER
1926
R. 4
DEPARTMENT OF LANDS

Forest Branch

REPORT ON THE BOUNDARY

of

THE ABERDEEN MOUNTAIN PROVINCIAL FOREST

Submitted by

R.A. Fisher, Junior Forester

March 15th, 1926.
PROJECT

For the purpose of permanently fixing the southern and eastern portions of the boundary of the Aberdeen Mountain Forest, land examinations were made during the past summer of all the unalienated surveyed Crown land adjacent to the proposed boundary. These areas were sufficiently close together to make it unnecessary to examine portions of the intervening boundary to determine the presence or absence of agricultural areas. Some of the intervening alienated areas, however, will likely revert and have to be examined later. The party had no authority to examine alienated land, but this deficiency will likely be made up next year, as the past summer's work was more or less breaking new ground.

CLIMATE

The climate of the areas bordering the Aberdeen Mountain Forest is the typical dry, mild interior climate of the northern part of the Okanagan Valley. Irrigation is desirable, but any large areas of good soil on a suitable exposure and at an elevation of not over 3,500 feet could likely be
profitably dry farmed, if the initial investment was not too great. Fruit growing is the most remunerative practice at lower elevations, but in the Trinity Valley at the east, mixed farming should be the practice, as this valley is somewhat cooler than the broader Okanagan Valley proper.

The Boundary: Very little of the surveyed vacant Crown land was found to be fit for agricultural development. Beginning at the N. W. corner of Lot 4671, Tp. 5 (see attached map), the boundary should proceed as follows:— south for 40 chains; thence east 80 chains; thence south 20 chains; thence east 80 chains; thence south 20 chains; thence east 80 chains; thence south 80 chains; thence west 40 chains; thence south 40 chains; thence east 40 chains; thence south 80 chains; thence west 200 chains; thence south 40 chains; thence east 40 chains; thence south 40 chains; thence west 40 chains; thence north 20 chains; thence west 80 chains; thence south 120 chains; thence east 40 chains; thence south 80 chains; thence east 360 chains; thence north 160 chains; thence east 80 chains; thence south 20 chains; thence east 80 chains; thence north 40 chains; thence east 40 chains; thence south to the S. W. corner of Lot 4118; thence north and east to the lot's S. E. corner;
N.E. — Photo from Topog. Station 'M.S.A.', showing Southern extremity of Trinity Valley, as seen from W.

S. — Photograph from 'Low' Topographic Station, showing narrow valley as seen from East of South-East corner of Lot.
Drawing Southern extremity of Trinity Valley, as seen from West of Lot 1172.

Narrow valley as seen from East of South-East corner of Lot 713.

Direction → N.
thence north, resuming the present location at the N. E. corner of Lot 4118 as far as east quarter post of Lot 14, Tp. 40; from this point it should proceed:-
20 chains east; thence 40 chains north; thence 20 chains east; thence 40 chains north; thence 40 chains east; thence 80 chains south; thence 100 chains east; thence 40 chains north; thence 100 chains east; thence 40 chains north; thence 40 chains east, and apparently continue east several miles.

It was found that, between the east quarter post of Lot 24, Tp. 40, and the S. W. corner of Lot 1671, Tp. 40 (a distance of four miles), the narrow valley has no land fit for agricultural development. It is, therefore, thought advisable to include this intervening area, and the mountainous hill at the east, within the Aberdeen Mountain Forest, and cancel the lots concerned as they revert. See photos "M.S.A. and Low" (plotted on map).

North of the N. W. corner of Lot 1671, the proposed boundary for the forest appears to need no modifications as far as the S. E. corner of Lot 2741, where it should turn north for 80 chains and thence west for 20 chains, resuming its present location at this point.

Beginning at the S. W. corner of Lot 1671, Tp. 40, the boundary should turn east for 100 chains; thence
N.E. — Photo from Topog. Station 'Conn N', showing — East and North-East portion of Trinity Valley, as seen from near North-V.

S.S.W. — Main portion of Trinity Valley viewed from the South-East from Topog. Station 'Conn S' near N.W. corner Lot 3065.
The South-East from Topog. Station "Con n. S." near N.W. corner Lot 3065.

The S.E. corner of Trinity Valley, as seen from near North-West corner of Lot 4380.

Direction  → SSE
north for 40 chains; thence east for 40 chains; thence north for 20 chains; thence east for 20 chains; thence north for 40 chains; thence east for 40 chains; thence north for 40 chains; thence west for 40 chains; thence north for 60 chains; thence east for 40 chains; and thence north for 40 chains. This is as far as the work got last season, although a short stretch of the boundary of the Trinity Hill Forest was also set. This information is supplied on individual reports.

It would be desirable to increase the active population in the Trinity Valley, and every lot of agricultural promise has been kept without the forests. In two instances also, resurveys are recommended to make the land available in suitable units for farm enterprises: these are Lots 4275-6, and Lot 4374. It is a fairly promising mixed-farming valley, although isolated, and, by increasing the population, transportation may be improved.
List of reports by individual lot accompanying:-

<table>
<thead>
<tr>
<th>Lot</th>
<th>320 Ac.</th>
<th>Lot 4118</th>
<th>480</th>
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Tp. 2

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<td>&quot; 23</td>
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<tr>
<td>&quot; 24</td>
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<tr>
<td>&quot; 25</td>
<td>640</td>
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<tr>
<td>&quot; 26</td>
<td>320</td>
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</table>

Tp. 6

E. ½, Lot 27 320

N. W. ¼, " 25 160

Tp. 40

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<td>160</td>
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<tr>
<td>&quot; 30</td>
<td>320</td>
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</table>

1,840 Ac.
LAND CLASSIFICATION REPORT.

Forest District: Nelson.  Date: Jan. 19, 1926.

1. Name of applicant: ____________________________

2. Description of land examined. Ex. 1/4, L. 533, Trinity Valley. (Lot, S.D., F.E., A.F.E., etc., number, land district.)

On (or) near: Trinity Creek. (Name of river, creek, lake, sound, bay, channel, island, etc.)

3. Topography: Whole area on hillside most of which slopes rather steeply to the south-west.

(Describe land briefly, whether level, rolling, broken, precipitous, swamp land, bottom land, shore land, salt land, beach land, slide land, plateaux, mountains. Give maximum and minimum elevation above sea-level, steepness of slope aspect. If necessary describe separately portions of tract having dissimilar topography with reference to suitability of topography for timber, giving stems.)

4. Soil: Light, stony, sandy soil, with exception of 4 acres of sandy loam and three acres of peat in the south-west corner.

5. Productive land:

   (a) Area with enough soil for profitable cultivation and under 15 per cent. slope: Acres. 7

   (b) Area non-tillage but suitable for grazing if cleared or drained: Acres. 153

   (c) Area non-tillage, non-grazing, absolute forest soil: Acres. 140

6. Cover:

   Mature timber: Merchantable: Acres. 157

   Unmerchantable (State why): Acres.

   Young growth: Over 20 feet high: Under 20 feet high: Acres.

   Willow, alder, poplar, and cottonwood: Acres.

   Swamp: Musteg Peat: Acres.

   Meadow, grass land, or sage-brush: Acres.

   (Indicate which) Barren land, water, etc.: Acres.

   Cultivated land: Acres. 160

   Total: Acres.

7. Improvements: None.


9. Economic possibilities: Area has no agricultural value alone, but south west 10 acres might be used in conjunction with land on west half.

(Please explain agricultural possibilities from standpoint of topography, climate, soil, cost of development (e.g., clearing, draining, or irrigation), accessibility to market and settlements. What crops can be grown? Give value of dollar lands per acre, developed and underdeveloped. What is the probable reason for the application (if any) to pre-empt or purchase? Is the land likely to be of most value for growing farm crops and for grazing, or for growing timber?)

P.B. No. 265—SM 225-102
10. Forest value... Covered with a moderate thrifty stand of Spruce
reproduction.

Discuss the logging possibilities, costs, difficulties, methods best adapted; water; beavo; ground; value and use of the product whether sawlogs, shingle-bolts, etc., market.

ESTIMATE OF TIMBER BY FORMER OR BY TYPES IN M.B.M.
(Norm.—Cruise all milling timber, including sawlogs, shingle-bolts, and pulp-logs.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Total</th>
<th>Merchantable (Acres)</th>
<th>Non-merchantable (Acres)</th>
<th>Total</th>
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</thead>
<tbody>
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<tr>
<td>5</td>
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</tr>
</tbody>
</table>

Average per acre of merchantable timber (based on total acreage): M. board foot.

R. COSTS AND VALUES.

A. Species. Total Quantity in M. Feet B.M. C. Cost of Loss Salvage at Mill per M. Feet B.M.

<table>
<thead>
<tr>
<th>Species</th>
<th>Total Quantity</th>
<th>Cost of Logging</th>
<th>Cost of Transportation</th>
<th>Royalty</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shingle-bolts</td>
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<td></td>
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<tr>
<td>Poles</td>
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<td>Tie</td>
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<tr>
<td>Cordwood</td>
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<tr>
<td>Grand total</td>
<td></td>
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</tbody>
</table>

11. Photographs... (Give serial numbers of photographs taken.)

12. Method of examination... 50% cruise strips run east and west.

(State method used in locating boundaries and corners, and in making estimate of timber. Give courses run, % of area covered by cruise, and volume tables used.)

13. Cost of estimation... (Salary of examiners, transportation, expenses, total.)

14. Recommendations... That the area be kept open for use with other holdings but not as an initial farm unit.

(If timber averages less than 8,000 ft. B.M. west or 6,000 east of Cascades, make definite recommendation for or against opening the tract or portions of it to settlement.)

15. Status of land with respect to title... Vacant Crown Land.

Approved... "R. A. Fisher." District Forester.

Examinating Officer.
LAND CLASSIFICATION REPORT.

Forest District: Nelson
Date: Jan. 19, 1925

1. Name of applicant:

2. Description of land examined: W. 1/2 Lot 67, Trinity Valley, OBOYOGS.
   (Lot, R.R., P.R., A.R.R., A.R., etc., number, land district.)
   Or (or) near Trinity Creek.
   (Name of river, creek, lake, sound, bay, channel, island, etc.)

3. Topography:
   80 acres of level to gently sloping bottom land in the central and south-western portion; 60 acres of western slopes in the north-east and 20 acres of south-east slopes in north-west.
   (Describe land briefly, whether level, rolling, broken, precipitous, swamp land, bottom land, shores land, tide land, beach land, side hill, plateau, mountain. Give maximum and minimum elevation above adjacent portions of same aspect. If necessary describe separately portions of land having dissimilar topography with reference to suitability of topography for tillage, giving areas.)

4. Soil:
   Of the bottom land is a deep, mellow loam of good quality. The soil of the high ground is light and stony.
   (Classify soil on the topographic divisions into the following types: Bed-rock, gravel, sand, sandy loam, loam, silt loam, clay loam, clay, peat, and morass. In the loam and clay types give the amount of gravel and boulder. Describe gravelly and sandy soils as "fine" or "coarse" loams, silt loams, and clay soils as "light" or "heavy." Classify as shallow (under 12 inches), medium (under 24 inches), or deep (over 24 inches). Give depth and texture of each soil layer. Discuss the soil with reference to its suitability for agriculture. A note on humus content is appreciated.)

5. Productive land:
   (a) Area with enough soil for profitable tillage and under 15 per cent. slope: 80
   (b) Area non-tillable but suitable for grazing is cleared or burned: 80
   (c) Area, non-tillable, non-grazing, absolute forest soil: 0

6. Cover:
   Mature timber: Merchantable: 0
   Unmerchantable: (Staff work): 0
   Young growth: Over 20 feet high: 100
   Under 20 feet high: 40
   Willow, elder, poplar, and cottonwood: 16
   Logged or burned land without satisfactory reproduction: 0
   Swamp: Muskeg: 0
   Meadow, grass land, or sage-brush: 4
   Barron land, water, etc.: 0
   (Indicate which.)
   Cultivated land: 0
   Total: 160

   (Describe and estimate value of buildings, fences, etc. (if any). Who built them? Who owns them?)

8. Climate: Dry, mild interior. Irrigation desirable and possible.
   (Give, if possible, annual snowfall, average annual snowfall; average annual rainfall; total annual precipitation. Is irrigation necessary? If so, is water available?)

9. Economic possibilities: Suitable for mixed farm but clearing a little too heavy.
   (Discuss agricultural possibilities from standpoint of topography, climate, soil, cost of development (e.g., clearing, draining, irrigation), accessibility to market and settlements. What crops can be grown? Give value of similar lands near by, developed and undeveloped. What is the probable reason for the application? In any case, to purchase or purchase? Is the land likely to be of most value for growing farm crops and for grazing, or for growing timber?)

P.B. No. 296—OM 225-162
10. Forest value... capable of growing excellent timber.

Discuss the logging possibilities, costs, difficulties, methods best adapted; water; booms and lands; value and use of the products; shingles, bolts, etc.; markets.

**ESTIMATE OF TIMBER BY FORTIES OR BY TYPES IN M.B.M.**

(Norm—Cruise all milling timber, including sawlogs, shingle-bolts, and pulp-logs.)

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<th></th>
<th></th>
<th>Total</th>
<th>merchantable</th>
<th>non-merchantable</th>
<th>soil</th>
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<td>(Acres)</td>
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</tbody>
</table>

Average per acre of merchantable timber (based on total acreage)...

**M. board feet.**

**B. COSTS AND VALUES.**

<table>
<thead>
<tr>
<th>A.</th>
<th>B.</th>
<th>C. Cost of Logs SHIPPED AT MILL</th>
<th>D. Value or Selling price of Logs at Mill</th>
<th>E. Total Stumpage Value of Timber per M. Foot B.M.</th>
<th>F. Stumpage Reservation, Recommend per A. Foot B.M.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Total Quantity In W. Feet B.M.</td>
<td>Cost of Logging (in logg., etc.)</td>
<td>Royalty. Total Cost.</td>
<td></td>
</tr>
</tbody>
</table>

Total M.B.M.
Shingle-bolts.
Poles.
Ties.
Cordwood.
Grand total.

11. Photographs... above meadow on area looking south.

(Give serial numbers of photographs taken.)

12. Method of examination... 6% cruise strips east and west.

(State method used in locating boundaries and corners, and in making estimate of timber. Give courses run, % of area covered by cruise, and volume tables used.)

13. Cost of examination... (Salary of examiner, transportation, expenses; total.)

14. Recommendations... That the area be opened for settlement if it is decided to encourage settlement in the Trinity Valley.

(If timber averages less than 2,000 ft. B.M., west or 5,000 east of Cascades, make definite recommendation for or against opening the tract or portions of it to settlement.)

15. Status of land with respect to title... Vacant Crown Land.

Approved...

District Forester...
MAP OF Lot 633 Trinity Valley

(Timber-sale, lot, license, trespass area, etc.)

Scale: 20 chains = 1 inch | Scratch out scale
40 chains = 1 inch | not applicable

FOR LEGEND SEE BACK OF THIS SHEET.
<table>
<thead>
<tr>
<th>Legend</th>
<th>Description</th>
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<tbody>
<tr>
<td>Black</td>
<td>Forest, Tree Line, Surveyed Boundary</td>
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<tr>
<td>Blue</td>
<td>Stream, Creek, Surveyed But Not Contoured</td>
</tr>
<tr>
<td>Red</td>
<td>Road, Line, Unsurveyed But Not Contoured</td>
</tr>
<tr>
<td>Crowned Green</td>
<td>Crowned Timber, Hatched Green</td>
</tr>
<tr>
<td>Green</td>
<td>Land Survey, Office Survey</td>
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<tr>
<td>Yellow</td>
<td>Slack Burn, Yellow Crayon</td>
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</tbody>
</table>

**Additional Legend for Inspection Maps**

Surveyed boundary—Black
Unsurveyed boundary—Red
Lines traced—Red fall line
Boundaries needing resurvey—Red broken line
Area completely logged surrounded by dotted line

P.B. 305—054824-AB00

Note: In making map, use the above legend.
### LAND CLASSIFICATION REPORT.

**Forest District**: Nelson  
**Date**: Dec. 15th, 1925

1. **Name of applicant**
   - [Redacted]

2. **Description of land examined**: W. 1/2 Lot 627, Trinity Valley, Osoyoos.  
   - (Lot, S.T.I., P.R., A.E.R., A.P., etc., number, land district.)
   - Christian Creek and Trinity Valley Road.  
   - (Name of river, creek, lake, sound, bay, channel, island, etc.)

3. **Topography**: 80 acres of comparatively level or very gently sloping bottom, 80 acres of rather steeply sloping, hilly land.  
   - Most of area, with exception of S.E. corner, is tillable.

   (Describe land briefly, whether level, rolling, broken, precipitous, swamp land, bottom land, shore land, rock land, beach land, sidehill, plateau, mountain. Give maximum and minimum elevation above sea-level; sizelessness of slope aspect. If necessary describe separately portions of tract having dissimilar topography with reference to suitability of topography for tillage, giving areas.)

4. **Soil**:  
   - 24 acres of deep peat land of good quality, suitable for hay or oats; 56 acres deep, stony, fine, sandy loam, level to gently sloping; 80 acres light, sandy soil on high ground.

   (Classify soil on the topographical divisions into the following types: Red-creek, gravel, sand, sandy loam, loam, silty loam, clay loam, clay peat and muck. In the land and clay types give the amount of gravel and sand. Describe peat and sandy soils as “moor” or “slosh” lands, silty loam, and clayey soils as “light” or “heavy.” Classify as shallow (under 12 inches), medium (under 24 inches), or deep (over 24 inches). Give depth and nature of each soil layer. Describe soil with reference to its suitability for agriculture. A note on lime content is appreciated.)

5. **Productive land**:
   - **(a)** Area with enough soil for profitable tillage and under 15 per cent. slope: **80**
   - **(b)** Area non-tillable but suitable for grazing if cleared or drained:
   - **(c)** Area non-tillable, non-grazing, absolute forest soil:

6. **Cover**:
   - **Mature timber**: Merchantable: **137**  
   - (State why.)
   - **(Unmerchantable)**  
   - **Young growth**: Over 20 feet high: **20**  
   - Under 20 feet high: **160**
   - **Willow, alder, poplar, and cottonwood**  
   - *Logged or/and burnt land without satisfactory reproduction*
   - **Swamp**  
   - **Meadow, grass land, or sage-brush**  
   - (Indicate which.)
   - Total **20**
   - Barren land, water, etc. **1**
   - Cultivated land: **160**

7. **Improvements**:
   - **2-story House** -- well-finished log; 24' x 29'; lined with 11' 6" x 19' 10" doors; 19 3/4" x 11 3/4" windows; value **$150.00**. Ten house, log rough, 10' x 30'. Stables, log, 14' x 16' and 10' x 14'.
   - 1 acre cropped **$75.00**.

8. **Climate**
   - Dry, mild interior climate. Elevation is 2,800 feet.

   (Give, if possible, annual mean temperature, length of growing season, dates, and severity of earliest and latest frosts; average annual snowfall; average annual rainfall; total annual precipitation. Is irrigation necessary? If so, is water available?)

9. **Economic possibilities**
   - Original holder of pre-emption failed to get good water supply.

   **Area can not be irrigated**

   (Discuss economic possibilities from standpoint of topographical climate, soil, and development (e.g., grazing, draining, irrigation), accessibility to market and settlements. What crops can be grown? Give value of similar lands and by development. Is the land likely to be of most value for growing farm crops and for grazing, or for growing timber?)

P.B. No. 268--345-225-102
10. Forest value.

15 acres of the bottom land north of the lake carry some spruce and balsam about 10 inches in diameter. Remainder of area is covered with fair or good reproduction. The hilly land in the north-west is producing to fir and larch with admixture of cedar and white pine. Eastern high ground carries largely jack pine.

Discuss the logging possibilities, costs, difficulties, methods best adapted; water; booming-grounds; value and use of the product; whether sawlogs, shingle-bolts, etc.; market.

ESTIMATE OF TIMBER BY Forties OR BY TYPES IN M.B.M.

(Note.—Cruise all milling-timber, including sawlogs, shingle-bolts, and pulp-logs.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Total</th>
<th>Merchantable (Acres)</th>
<th>Non-merchantable (Acres)</th>
<th>Sell.</th>
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</table>

Average per acre of merchantable timber (based on total acreage) M. board feet.

D. COSTS AND VALUES.

<table>
<thead>
<tr>
<th>A.</th>
<th>B.</th>
<th>C.</th>
<th>D.</th>
<th>E.</th>
<th>F.</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>COST OF LOGS DELIVERED AT MILL</td>
<td>Values or Selling-price of Logs at Mill</td>
<td>Total Stumpage Reserve per M. Foot B.M.</td>
<td>Stumpage Reserve recommended per M. Foot B.M.</td>
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<td></td>
<td></td>
<td>PER M. FOOT B.M.</td>
<td>Royalty</td>
<td>Total Cost.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Total Quantity in M. Feet B.M.</th>
<th>Cost of Logging</th>
<th>Cost of Transportation (per carload)</th>
<th>Royalty</th>
<th>Total Cost.</th>
<th></th>
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<tr>
<td></td>
<td>Total M.B.M.</td>
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<tr>
<td>Shingle-bolts</td>
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<td>Poles</td>
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<td>Ties</td>
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<td>Cordwood</td>
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<td>Grand total</td>
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</tbody>
</table>

11. Photographs (Give serial numbers of photographs taken.)

12. Method of examination. 5\% Cruise, strip line run east and west through centre of area.

(Except method used in locating boundaries and corners, and in making estimate of timber. Give correct run, % of area covered by cruise, and volume tables used.)

13. Cost of examination. (Salary of examiner, transportation, equipment, Total.)

14. Recommendations. That the area be opened for agricultural use in conjunction with present farms. If less than 4,000 M. B.M. west of 5,000 ft. of Canoada, make definite recommendation for or against opening the west or portion of it to settlement.


Approved. District Forester.

Examining Officer.
MAP OF Lot 621 Trinity Valley Oregon

Scale: 20 chains = 1 inch | Scratch out scale
40 chains = 1 inch | Not applicable.

For legend see back of this sheet.
LAND CLASSIFICATION REPORT.

Forest District: Nelson
Date: Dec. 19th, 1925

1. Name of applicant: [Blank]

2. Description of land examined: Lot 1625, Trinity Valley, Osoyoos. (Lot, S.T.L., P.R., A.P.R., A.P., etc., number, land district.)

3. Topography: Forty acres of comparatively level bottom land; 80 acres in south-west steeply sloping to the east. Remainder largely gently sloping and rolling.

4. Soil: 40 acres of deep, fine, sandy loam of good quality; south-west steeply sloping land is largely light and gravelly; remainder is a stony, light, sandy loam. Only the bottom soil has sufficient "body" for dry farming.

5. Productive land:
   (a) Area with enough soil for profitable tillage and under 15 per cent. slope: 40 acres
   (b) Area non-tillable but suitable for grazing if cleared or drained: 120 acres
   (c) Area non-tillable, non-grazing, absolute forest soil: 160 acres

6. Cover:
   Mature timber: Merchantable: [Blank] (Fire-Killed) 12 acres
   Unmerchantable: (State Why.) 12 acres
   Young growth: Over 20 feet high: 145
   Under 20 feet high: [Blank]
   Willow, alder, poplar, and cottonwood: [Blank] Logged or and burnt land without satisfactory reproduction: 3
   Swamp: Muskeg: [Blank]
   Meadow, grass land, or sage-brush: [Blank]
   (Indicate which): Barren land, water, etc.: [Blank]
   Cultivated land: Total: 160 acres

7. Improvements: None.


9. Economic possibilities: Area would not make an economic farm in itself but should be used in conjunction with Lot 1670.

(Give, if possible, annual mean temperature, length of growing season, dates, and severity of coldest and hottest days; average annual rainfall; average annual rainfall; total annual precipitation. Is irrigation necessary? If so, is water available?)

(Give, if possible, annual mean temperature, length of growing season, dates, and severity of coldest and hottest days; average annual rainfall; average annual rainfall; total annual precipitation. Is irrigation necessary? If so, is water available?)

(P.H.E. No. 506 - SM.000.185)
10. Forest value. Area carries good reproduction except for a few acres of burn on the bottom land. This is fir and jack pine in the north-east, cedar on the bottom, and fir and larch in the west. All but the cedar is over 20 feet high.

Discuss the logging possibilities, costs, difficulties, methods best adapted; water; burning grounds; value and use of the product; whether sawlogs, shingle-bolts, etc.; market.

ESTIMATE OF TIMBER BY PORTIONS OR BY TYPES IN M.B.M.

(Note—Cruise all milling-timber, including sawlogs, shingle-bolts, and pulp-logs.)

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</table>

Average per acre of merchantable timber (based on total acreage) M. board feet.

B. COSTS AND VALUES.

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<th>B.</th>
<th>C.</th>
<th>D.</th>
<th>E.</th>
<th>F.</th>
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<tbody>
<tr>
<td>Species</td>
<td>Total Quantity</td>
<td>Cost of Logging per M. Foot B.M.</td>
<td>Cost of Transportation (towing, etc.)</td>
<td>Royalty</td>
<td>Total Cost</td>
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<td>M.B.M.</td>
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<td>Shingle-bolts</td>
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<td>Grand total</td>
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</table>

11. Photographs.  


(State method used in locating boundaries and corners, and in making estimate of timber. Give course run, % of area covered by cruise, and volume tables used.)

13. Cost of examination.  

14. Recommendations. That the area be opened for settlement and pressure brought to bear when opportune, to have it used in conjunction with other land.

(If timber averages less than 8,000 ft. B.M. west or 5,000 east of Cascades, make definite recommendation for or against opening the tract or portions of it to settlement.)


Approved. 

District Forester. 

Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 1669 Tp. 40 -- North of Trinity Creek.

Land at an elevation of 2800 feet in a dry district. It is gently rolling and has a deep soil. But the soil has not enough fine earth content for dry farming to succeed. It carried a thrifty stand of fir and Jack pine reproduction over 20 feet high. There is a five acre slash in the south-west corner, a barn 15' X 30' and a log cabin 15' X 18'. The area is unfit for further development and should be included within the Trinity Hill Forest and the survey cancelled.

[Signature]
Examining Officer.
FOREST BRANCH.

DEPARTMENT OF LANDS.

LAND CLASSIFICATION REPORT.

Forest District Nelson: Date Dec. 11th, 1925.

1. Name of applicant: Lot 1670, Trinity Valley, Osoyoos.

2. Description of land examined: Lot 1670, Trinity Valley, Osoyoos.

3. Topography: West 55 acres on steeply rolling hills unfit for tillage; remainder of area comparatively even of surface and sloping very gradually to the north-east.

4. Soil: On hilly portion usually a deep, stony, fine sand; adjoining this area on the east in a narrow, shallow draw worn by the creek is a deposit of deep loam soil that widens out to the north and covers 40 acres.

5. Productive land:
   - Acreage with enough soil for nutritious vegetation and under 18 feet shelf slope.
     - 60 acres
   - Area non-tillable but suitable for grazing if cleared or drained.
     - 100 acres
   - Area non-tillable, non-grazing, absolute forest soil.
     - 160 acres

6. Cover:
   - Mature timber: Merchantable cedar 6 acres
   - Young growth: Under 20 feet high 126 acres
   - Under 20 feet high 20 acres
   - Willow, alder, poplar, and cottonwood
   - Swamp
   - Meadow, grass land, or sage-brush
   - Cultivated land 3 acres
   - Total 160 acres

7. Improvements: New house 20' x 25'; barn 20' x 30'; chicken house 15' x 30'; stable 14' x 18'; cleared and cropped 2½ acres $150.00; cleared & secured $35.00; fence $30.00.

8. Climate: Mild, dry, and irrigation is needed. Water for this purpose is available.

9. Economic possibilities: Area is handicapped by distance from Lumby, but otherwise is suited for mixed farming.

P.B.No. 209 - 0M 255-105
10. Forest value. North half of hilly portion carries nice stand of larch reproduction mixed with young hemlock; south half spruce and cedar reproduction. Along upper creek draw is 6 acres of cedar timber rather thin and small; remainder of area is covered largely with jack pine except for fire-killed cedar in north-east.

ESTIMATE OF TIMBER BY FORTIES OR BY TYPES IN M.B.M.
(Not.-Cruise all milling-timber, including sawlogs, shingle-bolts, and pulp-logs.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Total</th>
<th>Merchantable (Acres)</th>
<th>Non Merchantable (Acres)</th>
<th>Sell</th>
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</tbody>
</table>

Average per acre of merchantable timber (based on total acreage). M. board feet.

B. COSTS AND VALUES.

<table>
<thead>
<tr>
<th>A.</th>
<th>B.</th>
<th>C.</th>
<th>D.</th>
<th>E.</th>
<th>F.</th>
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</thead>
<tbody>
<tr>
<td>Species</td>
<td>Total Quantity M. M. B.M.</td>
<td>Cost of Loss Delivering at Mill per M. Foot B.M.</td>
<td>Cost of Carpentry</td>
<td>Royalty</td>
<td>Total Cost</td>
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</table>

Total M.B.M.

Shingle-bolts.

Poles.

Ties.

Cordwood.

Grand total.

11. Photographs


13. Cost of examination

14. Recommendations. That the pre-emption be continued in good standing.

15. Status of land with respect to title. Pre-emption Record.

Approved

District Forester

Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 2243 -- (1/2 mile west of B. X. Creek.

Land at an elevation of over 4,000 feet with light, gravelly soil, steeply sloping to the south, covered with dense jack pine and with no water available for irrigation. It has no farm value and should be included within the Aberdeen Mountain Forest and the survey cancelled, as should also Lot 2244 east of it when it reverts.

R. O. Drinker
Examining Officer.
Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 2245 -- 1 mile west of B. X. Creek.

Land at an elevation of over 4,000 feet with fine, stony, sandy soil, sloping to the south gently for a short distance from the south boundary but getting steep toward the north. It is covered with dense jack pine with the exception of an acre or two that was apparently cleared and planted with fruit trees some years ago and now supporting a mixed growth of sparse willow, pine and fir. There is no water for irrigation and the area should be included within the Aberdeen Mountain Forest and the survey cancelled.

R.A. Wells
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT.

Aberdeen Mountain Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 2741. Tp. 40. -- South of Trinity Creek.

Land at an elevation of 2000 feet with a gentle eastern slope. Area with exception of 20 acres of light sandy loam in the south-east has no soil heavier than fine sand. It is therefore unfit for agricultural development and should be included within the Aberdeen Mountain Forest. Cover is dense Jack pine with some poplar.

Examiner Officer.
EXTENSIVE SOIL SURVEY REPORT.

Aberdeen Mountain Provincial Forest.

Area Examined: Lot 2742 Tp. 40 -- of South Trinity Creek.

Date: Jan. 21, 1926.

Land at an elevation of 2000 feet with a gentle eastern slope. Parts of the area have soil of fair quality. Soil of the whole area being a sandy loam. It is covered with dense Jack pine, spruce, cedar, and larch reproduction and would cost too much for clearing to be justified. It should be temporarily withheld from settlement.

Examine Officer.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date...Jan. 15, 1925.

Area Examined: Lot 2745 -- (Trinity Valley -- (west of Lossy Creek).

40 acres of comparatively gently sloping, light, gravelly, sandy loam in the southwest, separated from the remainder of the area by steep slopes. A considerable area north of this has gentle slopes but the soil is light and sandy. There is an eight-acre slash part of which has been cropped in the extreme north-west corner. There is a well-finished, small, log barn on this part of the lot, measuring 16 by 20 feet, but the house has been removed. North-east 40 acres are steeply sloping, light, gravelly land. The cover on the area is reproduction over 20 feet high. In the southwest this is largely jack pine, with some fir admixture. North of this there is an area in which there is considerable fir and larch, but in the north-east the cover is again largely jack pine. There is no water for irrigation and the soil is too light for dry farming under present conditions. It should be included within the Trinity Hill Forest and the survey cancelled.

Examining Officer.

 signatures
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 2748 Tp. 40. -- North of Trinity Creek.

Land at an elevation of 2700 feet with a gentle western slope and a light stony sandy loam soil which has been injured by fires. The cover is moderate Jack pine poplar and larch. Soil of area is rather too poor at present to be farmed but area should be classed as agricultural land. No water for irrigation is available.

Examining Officer: [Signature]
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 3058, (North of Bessette Tp. 40. Creek.)

Land with an average elevation of 2,500 feet, rather steeply sloping to the south. With the exception of 30 acres of deep, fine, stony, sandy loam in the central south, the soil is light. In the central south are 70 acres of yellow-pine timber that carries an average of 100 feet per acre. There is no water for irrigation and without it the area would be dry. The clearing will also be too great to be justified for dry farming. North of the yellow-pine the cover is largely a thin stand of big fir with an understory of jackpine and reproduction. The area is unfit for agricultural development and the survey should be cancelled and the area included within the Aberdeen Mountain Forest.

Examining Officer.

R. D. Vickers
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan 15, 1925.

Area Examined: Lot 3059, Tp. 40. (North of Bessette Creek.)

Land at an average elevation of 2,500 feet with gentle southern and south-western slopes and shallow to moderate light, stony soil with one exception -- there are 30 acres of deep, stony, sandy loam in the north-west, but there is not enough good land on the lot to make a farm. The cover on the southern part is a moderate stand of fir, averaging 12", mixed with jackpine and reproduction. North of this the cover is largely pure jackpine, and a large part of this area has been recently burnt in the west. The survey should be cancelled and the area included with the Aberdeen Mountain Forest.

Examining Officer.

[Signature]
LAND CLASSIFICATION REPORT.

Forestry District: Nelson

Date: Dec. 10th, 1925

1. Name of applicant: 

2. Description of land examined: Lot 3853, Township 5, Osoyoos. (Lot, S.T.M., A.D., etc., number, land district.)

On or near: E. X. Creek.

3. Topography: 45 acres of gentle slopes on tableland in north-west. East half slopes steeply to east. West of gentle slopes in west country slopes steeply to south-west.

4. Soil: 45 acres of stony, moderate light sandy loam with occasional rock outcrops; remainder of area is a stony, coarse sandy loam of varying depth.

5. Productive land:

   (a) Area with enough soil for profitable cultivation and under 15 per cent slope: 4.0

   (b) Area non-tillable but suitable for grazing if cleared or drained: 120

   (c) Area non-tillable, non-grazing, absolute forest soil: 

6. Cover:

   Mature timber: Merchantable 

   Unmerchantable (State why.) 

   Young growth: Over 20 feet high: 115

   Under 20 feet high: 

   Willow, elder, poplar, and cottonwood: 

   Logged or and burnt land without satisfactory reproduction 

   Swamp: 

   Muskog 

   Meadow, grass land, or sage-brush: 

   Barren land, water, etc. 

   Cultivated land: 

   Total: 160

7. Improvements:

   None.

   (Describe and estimate value of buildings, fences, etc. (if any). Who built them? Who claims them?)

8. Climate:

   Too dry for tillage without irrigation.

   Gently sloping area is at an elevation of 1,100 feet. No water for irrigation is available.

   (Give, if possible, annual mean temperature, length of growing season, dates, and severity of winter and summer frost, average annual rainfall; average annual rainfall; total annual precipitation. Is irrigation necessary? If so, is water available?)

9. Economic possibilities:

   Area will furnish some feed for stock but otherwise has no agricultural value.

(Please note agricultural possibilities from standpoint of topography, climate, soil, cost of development (e.g., clearing, fencing, irrigation), accessibility to market and settlement. What crops can or could be grown? Give value of similar lands near by, developed or undeveloped. What is the probable reason for the lack of agriculture? Is the area to be pre-empt or purchase? Is the land likely to be of most value for growing farm crops and for grazing, or for growing timber?)

P.B. No. 209—SM-226-102
10. Forest value: 45 acres of thin fir on gentle slopes averaging 12 inches in diameter but too inaccessible to be used for firewood. Remainder of area covered with reproduction. East slopes are stocking with cedar and hemlock, principally with some larch in the north and spruce in the south.

Discuss the logging conditions, roads, difficulties, methods best adapted; water; booming-grounds; value and use of the product; whether sawlogs, shinglebolts, etc., market.

ESTIMATE OF TIMBER BY FORTIES OR BY TYPES IN M.B.M.
(Norm.—Cruises all milling-timber, including sawlogs, shinglebolts, and pulp-logs.)

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<tr>
<td>Species</td>
<td>Total Quantity in M. Feet</td>
<td>B.M.</td>
<td>Stumpage per M. Feet B.M.</td>
<td>Total Stumpage Value of M. Feet B.M.</td>
<td>Stumpage Reservation recommended per M. Feet B.M.</td>
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<td>Shingle-bolts</td>
<td>Photo shows dense nature</td>
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<td>Poles</td>
<td>of cover on east slopes. Photo looks north</td>
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<td>Ties</td>
<td>along east boundary from near the south</td>
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<td>Cordwood</td>
<td>boundary of the quarter.</td>
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11. Photographs: -----(For map see S.E. 1/4)
(Give serial numbers of photographs taken.)

12. Method of examination: 2/3 Cruise -- stripping east and west.

(State method used in locating boundaries and corners, and in making estimate of timber. Give course run, % of area covered by cruise, and volume tables used.)

13. Cost of examination: -----(Salary of examiner, transportation, expenses, Total.)

14. Recommendations: That the area be included within the Aberdeen Mountain Forest and the survey cancelled.

(If timber averages less than 5,000 ft. B.M. west of 5,000 east of Cascades, make definite recommendation for or against opening the tract or portions of it to settlement.)


Approved: District Forester.

Examining Officer.
LAND CLASSIFICATION REPORT.

Forest District: Nelson

Date: Dec. 10th, 1925

1. Name of applicant: 

2. Description of land examined: N.W. 1 Lot 1863, Township 5, Orocoos.

(Lot, R.P., P.R. A.P., etc., number, land district.)

3. Topography: B. X. Creek.

(Name of river, creek, lake, sound, bay, channel, island, etc.)

With exception of 30 acres of gentle western slopes in the south-west corner, whole area is too steeply sloping to the south-west for tillage.

4. Soil: Gentle slope is stony, light, deep, sandy loam.

The steep portion is a stony medium sand and there are areas of rock slide.

5. Productive land:

(a) Area with enough soil for profitable tillage and under 15 per cent. slope.

(b) Area non-tiltable but suitable for grazing if cleared or drained.

(c) Area non-tiltable, non-grazing, absolute forest soil.

6. Cover:

Mature timber: Merchantable

Unmerchantable (State why.)

Young growth: Over 20 feet high

Under 20 feet high

Willow, alder, poplar, and cottonwood

Swamp

Mussel

Meadow, grass land, or sedge-brush

(Tabulate which.)

Cultivated land

Total

7. Improvements: None.

(Describe and estimate value of buildings, fences, etc. (If any). Who built them? Who owns them?)

8. Climate: Too dry for cultivation without irrigation.

(Altitude over 3,200 feet.)

9. Economic possibilities: No water for irrigation is available and without it none of area could be cultivated.

(The steeply sloping area would be an inferior range.)

(Discuss agricultural possibilities from standpoint of topography, climate, soil, cost of development, etc.; grazing, draining, or irrigation; accessibility to market and settlements. What crops can be grown? Give value of similar lands best for developed and undeveloped. What is the probable reason for the application (if any) to pre-empt or purchase? Is the land likely to be of most value for growing farm crops or for grazing, or for growing timber?)

P.B. No. 288—534-320-102
Area covered with a moderate stand of fir reproduction over 20 feet high, interspersed with poplar. It is doubtful if it will produce other timber than firewood.

Discuss the logging possibilities, costs, difficulties, methods best adapted; water; booming-grounds; value and use of the product; whether sawlogs, shingle-bolts, etc., market.

**ESTIMATE OF TIMBER BY FORMS OR BY TYPES IN M.B.M.**

(Notes—Cruise all milling-timber, including sawlogs, shingle-bolts, and pulp-logs.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Total</th>
<th>Merchable (Acres)</th>
<th>Non-merchable (Acres)</th>
<th>Sell.</th>
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</table>

Average per acre of merchantable timber (based on total acreage) = M. board feet.

**COSTS AND VALUES.**

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<tr>
<th>A.</th>
<th>B.</th>
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<tr>
<td>Spools</td>
<td>Total Quantity in M. Feet B.M.</td>
<td>Cost of Logging</td>
<td>Cost of Transformation (towing, etc.)</td>
<td>Royalty</td>
<td>Total Cost</td>
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</tbody>
</table>

Total M.B.M.

Shingle-bolts

Poles

Trees

Cordwood

Grand total

11. Photographs [For map see S.E. ½]

12. Method of examination 2½ Cruise -- east and west stripping.

(State method used in locating boundaries and corners, and in making estimate of timber. Give average run, % of area covered by cruise, and volume tables used.)

13. Cost of examination [Salary of examiner, transportation, expenses, Total.]

14. Recommendations That the area be included within the Aberdeen Mountain Forest and the survey cancelled.

(If timber average less than 8,000 ft. B.M. west or 5,000 east of Cascades, make definite recommendation for or against opening the tract or portions of it to settlement.)

Vacant Crown Land

15. Status of land with respect to title

Approved. District Forester,

Examining Officer
LAND CLASSIFICATION REPORT.

Forest District: Nelson
Date: Dec. 10th, 1905

1. Name of applicant.

2. Description of land examined: S.E. 1/4 Lot 3653, Township 5, Osoyoos. (Lot, section, and township).

On or near: B. X. Creek

3. Topography: 50 acres of gentle slopes on eastern plateau at elevation of 3,900 feet; 30 acres gently sloping bottom land in central west; intervening land comprised of steep western slopes.

4. Soil:
- Plateau is deep, fine, sandy loam, plus stones;
- Steep slopes are light, gravelly sand; bottom land varies from deep, fine sand to deep, sandy loam and has a fair content of organic matter.

   (Classification soil on the topographic maps into the following types: Red-broke, gravel, sand, sandy loam, loam, silt loam, clay loam, clay, peat, and muskeg. The main and clay types give the amount of gravel and sandstone. Including gravelly and sandy soils as "light," and heavy, gravelly and heavy as "heavy." Classify as shallow (under 12 inches), medium (under 24 inches), or deep (over 24 inches). Give depth and texture of each soil layer. Discuss the soil with reference to its suitability for agriculture. A note on seismic content is appreciated.)

5. Productive land:
   (a) Area with enough soil for profitable tillage and under 15 per cent. slope: 80
   (b) Area non-tillable but suitable for grazing if cleared or drained: 80
   (c) Area non-tillable, non-grazing, absolute forest soil: ___

6. Cover:
   Mature timber: Merchantable: 30
   Young growth: Over 20 feet high: 120
   Willow, elder, poplar, and cottonwood: ___
   Swamp: ___
   Meadow, grass land, or sage-brush: ___
   Cultivated land: ___
   Total: 160

7. Improvements: None.

8. Climate:
   Too dry for farming without irrigation, and no water for irrigation is available.

9. Economic possibilities: Area will carry some inferior fodder among the trees but is no use for farming. The plateau area is too high and isolated for development outside of irrigation needs.

   (Discuss agricultural possibilities from standpoint of topography, climate, soil, cost of development, etc.)

P.B. No. 266-63 525-192
Thirty acres of good cedar timber in the west that will bring the area near the statutory limit.

Remainder of area with exception of 10 acres of old burn on plateau is stocking well; steep slopes with spruce, cedar and balsam; plateau with spruce, larch and some fir.

Estimate of timber by Forties or by Types in M.R.M.

<table>
<thead>
<tr>
<th>#</th>
<th>Total</th>
<th>Merchantable</th>
<th>Non-merchantable</th>
<th>Soil</th>
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</table>

Average per acre of merchantable timber (based on total acreage) in M. board feet.

B. Costs and Values.

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<tr>
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<tbody>
<tr>
<td>Species</td>
<td>Total Quantity in M. Feet M.R.M.</td>
<td>Cost of Logging</td>
<td>Cost of Transportation (felling, etc.)</td>
<td>Royalty</td>
<td>Total Cost</td>
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<td>Totals M.R.M.</td>
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<td>Shingle-bolts</td>
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<td>Poles</td>
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<td>Grand total</td>
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11. Photographs:  
(Give serial numbers of photographs taken)

12. Method of examination: 2½ cruise, strips run east and west.

(State method used in locating boundaries and corners, and in making estimate of timber. Give courses run, % of area covered by cruise, and volume taken each.)

13. Cost of examination:  
(Salary of examiner, transportation, expenses, Total)

14. Recommendations: That the area be included within the Aberdeen Mountain Forest and the survey cancelled.

(If timber averages less than 8,000 ft. B.M. west or 6,000 east of Oncolades, make definite recommendation for or against opening the tract of portions of it to settlement.)


Approved: 
District Forester: 
Examining Officer:
Providence of
British Columbia FOREST BRANCH Lands

EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 2854, 1 mile east of Tp. 5. (E. X. Greek.)

Land at an average elevation of 3,800 feet. The north-west half of the lot slopes so steeply to the north-west that cultivation would be out of the question. Part of the remainder is gently sloping and rolling but is cut up by steep slopes. The soil on the area is a gravelly, light, sandy loam of varying depth rock outcropping occasionally on the high ground in the south-east. The cover in the north-west is fir reproduction and jack pine with 20 acres of willows on a steep northern slope. In the north-east this fir reproduction is admixed with larch and cedar repro-
auction. South half of north-east quarter is largely covered by a jack pine stand; remainder of area is largely covered with thin, big fir and a thin understory of fir and jack pine reproduction. The area should be included within the Aberdeen Mountain Forest and the survey cancelled.

(N.B. -- Lots 2252 and 4675 will likely also revert and should be included within the Reserve.)

R.O. [Signature]
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT.

Aberdeen Mountain Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 3939. Tp. 40. -- North of Bessette Creek.

Land at an elevation of between 2000 and 3000 feet with southern slopes. The southern 160 acres contain 60 acres of gentle sloping deep fine stony sandy loam over much of which the cover is open and the clearing light. This extreme southern quarter should be open for settlement.

The soil on the remainder of the area is poorer and the slopes are steeper and it should be included within the Aberdeen Mountain Forest and the survey cancelled. It is covered with a mixture of fir and Jack pine.

[Signature]
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 4034 — Trinity Valley Oscoos.

Twenty acres of level peat in the north-east. Remainder of area is a light gravelly sandy loam. In the north-west 70 acres the cover is a moderate stand of fir and larch reproduction over 20 feet high. South of the peat land there are 70 acres of mixed spruce and fir reproduction and 10 acres of big cedar most of which is fire killed. In the north-west corner is a 3 acre clearing, a frame house 12' X 15' and an old log stable 16 X 20 feet. Area is incapable of making a farm but should be kept open for use in conjunction with other areas in the vicinity.

[Signature]
Examiner Officer.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 4036 --- Trinity Valley Osoyoos.

South-east portion of lot is steeply sloping to the north remainder largely gently sloping to the north-west. Whole area has a light stony sandy loam soil that would be too dry in this vicinity without irrigation. No water for irrigation is available. Clearing is light but still too heavy to ever be made for grazing purposes. There are three acres that apparently were cultivated in the north-west corner and a wrecked barn. Area carries thrifty dense stand of cedar and larch reproduction mixed with Jack pine. This area should be included within the Trinity Hill Forest and the survey cancelled.

[Signature]
Examining Officer.
Land at an elevation of over 3,000 feet and under 3,500 feet. Area is broken up by a deep draw running in a north-westerly direction. The soil on most of the area is a moderate to deep stony, sandy loam of varying quality, with rock outcropping occasionally. 40 acres in the north-west have slightly more fine earth content than the balance of the area and are most suited for tillage. But the climate is dry and there is no water for irrigation. The clearing will always be too heavy in proportion to the value of this land. The eastern portion of this lot is of lower agricultural value than the western part due to the western slope as contrasted to the warmer south-eastern slope. Northwest portion is covered by timber sale and part is being logged. The timber is a mixture of fir, larch, and cedar. The eastern part of the area is covered largely with scattered big larch and fir and a moderate stand of thrifty reproduction.
over 20 feet high. There are, however, small areas of good larch tie timber. The area should be included within the Aberdeen Mountain Forest and the survey cancelled. (For cruise, see File C49482). Central and eastern parts of area are visible in photo below, looking up the central draw from near the south-west corner.

[Photo of forested area]

R. A. [Signature]
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 4170, Tp. 40. (Headwaters of branch of Bessette Creek.)

South-west 60 acres are largely gently sloping with light, gravelly, sandy loam soil. There are also 3½ acres of peat in a narrow draw in the extreme south-west, and near the road and the centre of the west boundary is a frame cabin, 14 by 18 feet. Remainder of the area is largely comprised of rocky hills with shallow soil. The gentle slopes are covered largely with dense jack pine stands except for a four-acre slash 3 chains east of the road near the cabin. The hilly portion is covered with sparse big fir and patchy reproduction and jack pine. The area is unsuitable for agricultural development and should be included within the Aberdeen Mountain Forest and the survey cancelled.

R. A. (Signature)
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT.

Trinity Hill Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: Lots 4275 and 4276. Tp. 40. -- Trinity Valley.

Neither of these lots are economic agricultural propositions at this time. Although they have some good land neither has enough for a farm.

In lot 4276 the south-east 90 acres are steeply sloping to the north and light & gravelly and there are 5 acres on the north that are steeply sloping to the south. Remainder is gently sloping and has a sandy loam soil with exception of 8 acres of peat. The cover is reproduction with the exception of 15 acres of spruce and cedar on the bottom land.

The whole of the northern portion of Lot 4275 has light soil and slopes largely to the south. There are 25 acres of bottom land in the south-east however adjoining Lot 4276. This lot also is covered with reproduction which is largely Jack pine. There are 10 acres of spruce cedar timber on the bottom land.

It is recommended that a new lot be surveyed taking in the southern half of Lot 4275 and the northern half of Lot 4276. Such a new lot would have enough good land to make a farm.

Examining Officer.

R. C. Fisher
MAP OF Lot 4275 Trinity Valley Oregon

Scale: 20 chains = 1 inch) Stretch out scale
40 chains = 1 inch) not applicable.

FOR LEGEND SEE BACK OF THIS SHEET.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date: Jan. 15, 1925.

(Trinity Valley, Osoyoos --
  (near Lossy Creek,
  on Trinity Valley
  Road).

Area Examined: Lot 4279 --

Land at an elevation of 3,000 feet, most of which is steeply sloping to the south. In the northern half, however, there are 40 acres of gentle southern slopes. The soil is very light and sandy, however, and is unsuited to dry farming. No water for irrigation is available. Area is cut up by two deep draws; one in the centre running north and south, and one in the north-east running north-west and south-east. Area is covered largely with larch and fir reproduction over 20 feet high in moderate stands mixed with jack pine. A considerable area of the steep slopes is sparse poplar and jack pine country. The area should be included within the Trinity Hill Forest and the survey cancelled.

[Signature]
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date...Jan. 15, 1925.

Area Examined: Lot 4280 -- (Trinity Valley -- (on Long Creek).

40 acres of gently rolling, deep, gravelly, sandy loam in the west, with gentle west slopes; remainder of area in the east has soil of the same quality but is steeply sloping. There are two small peat bogs on the area, one on the south boundary and one on the west boundary. They aggregate two acres. The area is at an elevation of 3,000 feet and there is no water for irrigation. It should be included within the Trinity Hill Forest and the survey cancelled. Range value is low.

R.G. Cook,
Examing Officer.
# LAND CLASSIFICATION REPORT.

<table>
<thead>
<tr>
<th>森林区</th>
<th>Nelson</th>
<th>日期</th>
<th>Dec. 19th, 1925</th>
</tr>
</thead>
</table>

1. 申请人姓名
2. 所考察的地块描述
   - Lot 4287, Trinity Valley, (Osoyoos)
   - (Lot, R.T., P.R., A.P.R., A.P., 等等。, 号码, 地块号)
3. 地形
   - Gentle west slopes of Trinity Hills. Lower
   - 部分非常平缓，甚至平坦；其余部分有坡度5-10。
   - (地块情况，包括地形，如丘陵，河床，山地。给出最大的和最小的指示，最好根据其在地形图上的位置。)
4. 土地
   - 60英亩，深厚，细密的粘土，质量良好。
   - 两者之间，是一个过渡型粘土，适中。
   - (根据地形图的类型，将土地分为不同的类：沙，岩石，粘土，砾石，冲积物，粗沙，土，等等。)
5. 有生产力的土地
   - (a) 可以实现的，适合水平斜坡的面积和每公顷的百分比
   - (b) 不能耕作，但适合放牧未垦荒地
   - (c) 不能耕作，不放牧，森林用地
   - 表面积

6. 林分
   - 成熟林木：可转售
   - 未转售
   - 年龄：20英尺以上
   - 未达到20英尺
   - 落叶，木材和乔木
   - 水塘
   - 草地，草丛，或灌木
   - 耕种
   - 总计

7. 改善
   - Frame shack 12’ x 15’
   - 描述并估计价值（如适用）：何人所有？何人声称所有？

8. 气候
   - 干燥，温和的内陆，灌溉适宜。
   - 可能用于低产
   - (给出每年平均气温和降雨量，生长季节，以及最冷和最热月份的平均气温。)

9. 经济可能性
   - 该地区适于法定林木
   - 发生于好地上。当林区的面积成为更经济的，清除将永远是更重的。
   - (根据农业潜力的可能程度，包括地形，气候，土壤。)

(P.B. No. 294—23-325-100)
For cruise, see File (x) 7164.

Burn is covered with a moderate stand of willows and jack pine, spruce, and larch reproduction under 20 feet.

Discuss the logging possibilities, costs, difficulties, methods best adapted; water; boating grounds; value and use of the product; whether sawlogs, shingle beams, etc.; market.

### ESTIMATE OF TIMBER BY PONTS OR BY TYPES IN M.B.M.

(Note: - Cruise all milling timber, including sawlogs, shingle beams, and pulp-logs.)

<table>
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<tr>
<th>Sr.</th>
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<th>Non-Merchandise (Acres)</th>
<th>Sell</th>
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Average per acre of merchantable timber (based on total acres) M. board feet.

### B. COSTS AND VALUES

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<th>A.</th>
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<th>C.</th>
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<tr>
<td>Total M.B.M.</td>
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<td>Shingle-beams</td>
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<td>Cordwood</td>
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<td>Grand total</td>
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11. Photographs

12. Method of examination

2½ Cruise -- strip with offset to increase intensity.

13. Cost of examination

14. Recommendations

That the area be opened for settlement when logged off.

If timber averages less than 8,000 ft. B.M. west or 5,000 east of Cascades, make definite recommendation for or against opening the tract or portions of it to settlement.

15. Status of land with respect to title

Vacant Crown Land.

Approved: __________________________

District Forester.

Examining Officer.
MAP OF Lot 4287 Trinity Valley (Oxnard)

(Timber line, lot, lines, tampage line, etc.)

Scale: 20 chains = 1 inch | Scratch grid scale
40 chains = 1 inch | not applicable.

FOR LEGEND SEE BACK OF THIS SHEET.
LAND CLASSIFICATION REPORT.

Forest District: Nelson
Date: Dec. 22nd, 1925

1. Name of applicant:

2. Description of land examined: Lot 4288, Trinity Valley, (Cayoosa).
   (Lot, S.T.L., F.H., A.P., etc., quarter, land district.)

On (or) near: Trinity Creek, on Enderby Lumby Road.
   (Name of river, creek, lake, sound, bay, channel, island, etc.)

3. Topography: With exception of north-west forty which is a steeply
   rolling and narrow draw running north-east from it's centre
   area slopes gently to west and south toward Trinity Creek.
   Elevation under 2,500 feet.
   (Describe land briefly, whether level, rolling, broken, precipitous, swamp land, bottom land, river land, cutover land, beach land, side
   hill, plateau, mountains. Give maximum and minimum elevations above sea-level; steepest or slope extent. If same, all describe
   separately portions of tract having distinct topography with reference to suitability of topography for grazing, building areas.)

4. Soil: In south-west corner are 15 acres of deep, mellow
   loam and north-east of them 20 acres of deep, heavy, fine, sandy loam. Remainder of the area has a light,
   gravelly, sandy loam soil with the exception of 15
   acres of second type north of draw.
   (Classify soil on the topographic divisions into the following types: Mud, rock, gravel, sand, sandy loam, loam, silty loam, clay
   loam, clay, peat, and gravel. In the final and clay types give the amount of gravel and peat. Describe gravel and sandy soils
   (under 25 inches), or clay (over 25 inches) in the following words: Character of each soil layer. Discuss the soil with reference to its suitability
   for agriculture. A note on annual content is appreciated.)

5. Productive land:
   (a) Area with enough soil for profitable tillage and under 15 per cent. slope.
       Acres: 50
   (b) Area non-tillable but suitable for grazing if cleared or drained
       Acres: 110
   (c) Area non-tillable, non-grazing, absolute forest soil
       Acres: 160

6. Cover:
   Mature timber: Merchantable
       Acres: 30
       Unmerchantable
       Acres: ----
   Young growth: Over 20 feet high
       Acres: ----
       Under 20 feet high (State vol.)
       Acres: 139
   Willow, elder, poplar, and cottonwood
       Acres: ----
       Logged or abandoned land without satisfactory reproduction
       Acres: ----
   Swamp
       Acres: ----
       Marshing
       Acres: ----
   Meadow, grass land, or sage-brush
       Acres: ----
       Barren land, water, etc.
       Acres: ----
   (Indicate which)
   Cultivated land
       Acres: ----
       Total
       Acres: 160

7. Improvements: Log house 14' x 20'; Root house 8' x 8' x 6'1:
   (Describe and estimate value of buildings, fences, etc. (if any). Who built them? Who lives on?)
   Value $50.00.

8. Climate: Dry, mild interior; irrigation desirable and
   is possible for loam; water for garden patch
   would be supplied by spring in narrow draw.
   (Give, if possible, annual mean temperature, length of growing season, date of first and latest frosts; average
   annual snowfall; average annual rainfall; total annual precipitation. Is irrigation necessary? If so, is water available?)

9. Economic possibilities: There is not enough first class land to make
   a farm under such a dry climate but when
   logged the south-west portion could be well
   utilized in conjunction with Lot 4287.

   (Include all factors which would affect farm prices... growth of crops, livestock, etc.; future values of farms for sale, developed and
   undeveloped; value of growing crops and for grazing, or for growing timber?)

P.O. No. 299 — 6M-225-102
10. Forest value: 30 acres of big timber largely cedar (see X-7164) carrying 17,000 per acre; remainder of area old burn now carrying a rather thin to moderate stand of jack pine, larch and spruce reproduction under 20 feet high, and some willows.

Discuss the logging possibilities, costs, difficulties, methods best adapted; water; harvesting grounds; value and use of the product; whether sawlogs, shingle-bolts, etc. market.

ESTIMATE OF TIMBER BY FORMS OR BY TYPES IN M.B.M.

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<td>Cost of Transportation (towering, etc.)</td>
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<td>Grand total</td>
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Average per acre of merchantable timber (based on total acreage) = M. board feet.

B. COSTS AND VALUES.

11. Photographs

12. Method of examination: 2½ Cruise -- strips run north and south with offset to increase intensity.

13. Cost of examination

14. Recommendations: That the area be opened to settlement when logged off.

Approved.

District Forester.
Examinig Officer.

Vacant Crown Land.
MAP OF Trinit Valley (Oregon)
(Timber-size, Irr. District, trooping area, etc.)
Scale: 20 chains = 1 inch (Scratch out scale)
40 chains = 1 inch (not applicable)

FOR LEGEND SEE BACK OF THIS SHEET.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date...Jan. 15,... 1925.

Area Examined: Lot 4289 -- (near Trinity Creek).

Land at an elevation of between 2,500 and 3,000 feet, sloping gently to the west with exception of eastern 70 acres, which are steeply sloping. The soil on the area is a light, gravelly, sandy loam and the cover on the gently sloping land is small reproduction, largely jack pine with larch, fir and spruce coming in. The steeper slopes seem to have escaped the last fire and carry older reproduction. This is largely fir and larch in the north, merging into jack pine in the south. There is a half-acre clearing, a shack 10 by 14 feet, and a stable 10 by 10 feet, in the west centre, and a rough road apparently leading out of this area. There is no water for irrigation and without it the area is unfit for agricultural development. The survey should be cancelled and the area included within the Trinity Hill Forest.

R.A. Fisher
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date...Jan. 15,...1925.

Area Examined: Lot 4290 -- (Trinity Valley -- (near Trinity Creek).

Western 90 acres have gentle western slopes and deep, light, gravelly, sandy loam soil. Eastern 70 acres are more steeply sloping and rock outcrops. Western portion is covered with small reproduction of jack pine, larch, fir, and spruce; remainder of area largely jack pine over 20 feet high. The area is at an elevation of 3,000 feet and is unfit for agricultural development without irrigation. The survey should be cancelled and the area included within the Trinity Hill Forest.

Examing Officer.
LAND CLASSIFICATION REPORT.

Forest District: Nelson

Date: Dec. 17, 1925

1. Name of applicant

2. Description of land examined: Lot 4374, Trinity Valley, Oceyoos
   (Lot, N.W.T., P.E., A.P.E., etc., number, land district.)

On or near: Trinity Creek
   (Name of river, creek, lake, sound, bay, channel, island, etc.)

3. Topography: Four acres of almost level bottom land; 42 acres of
gentle western slopes east of it; remainder of area
is steep hillside; most of 46 acres is topographically

tillable.

   (Describe land boundary, whether level, rolling, broken, dissected, swamp land, bottom land, shore land, tide land, beach land, ridge, hill, plateau, mountains. Give maximum and minimum elevation above sub-level; steepness of slope aspect. If necessary describe separately portions of tract having dissimilar topography with reference to suitability of topography for tillage, giving areas.)

4. Soil: Four acres of deep, fine, sandy loam of good quality;
42 acres of light stony sandy loam of un-uniform
quality, being too light to justify clearing for dry
farming. Remainder of area very light and sandy.

   (Classify soil on the topographic divisions into the following types: Red clays, gravel clays, sandy loams, loams, silt loams, clay loam, clay, peat, and muck. In the cases and clay loam, clay peat, and muck, give in this paragraph the amount of gravel and boulders. Describe gravels and sandy soils, coarse sand and gravel (under 24 inches) or clay loam (over 24 inches) in detail. Give depth and texture of each soil layer. Discuss the soil with reference to its suitability for agriculture. A note on fauna content is appreciated.)

5. Productive land:

   (a) Area with enough soil for profitable tillage and under 15 per cent slope: Acres _______ 4

   (b) Area not-tillable but suitable for grazing if cleared or drained: Acres _______ 75

   (c) Area not-tillable, non-grazing, absolute forest soil: _______

6. Cover:

   Mature timber: Merchantable: Acres _______ 60
   Unmerchantable _______
   (State why.)

   Young growth: Over 20 feet high: Acres _______ 80
   Under 20 feet high: _______

   Willow, alder, poplar, and cottonwood: Acres _______
   Logged or and burnt land without
   satisfactory reseedling: _______

   Swamp: Acres _______
   Muskeg: _______

   Meadow, grass land, or sage-bush: Acres _______
   Barren land, water, etc.: _______

   Cultivated land: Acres _______
   Total _______

7. Improvements: None. Road passes through area _______

   (Describe and estimate value of buildings, fences, etc. (if any). Who built them? Who claims them?)

8. Climate: Dry, mild interior. Elevation, 2,500 feet. There is
   no water for irrigation.

9. Economic possibilities: Bottom land and an odd acre of lower slopes
   could be used profitably in conjunction with
   adjoining farm. Area by itself is not an
   economic unit. Clearing would be about $75.00
   per acre.

   (Outline agricultural possibilities from standpoint of topography, climate, soil, cost of development (e.g. clearing, draining, or terracing), accessibility to markets and dwellings. What crops can be grown? Give value of similar lands near by, developed and undeveloped. What is the probable reason for the application (if any) to pre-empt or purchase? Is the land likely to be of most value for growing farm crops or field crops, or for growing timber?)

P.B. No. 596—505 506-507
Covered with a moderate stand of fir and larch
reproduction over 20 feet high mixed with jack
pines.

Choose the logging possibilities, costs, difficulties, methods best adapted: water; swelling-grounds; value and use of the product; whether sawlogs, shingle-bolts, etc. : market.

ESTIMATE OF TIMBER BY FORTIES OR BY TYPES IN M.R.M.
(Note.—Cruise all milling-timber, including sawlogs, shingle-bolts, and pulp-logs.)

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Average per acre of merchantable timber (based on total acreage) M. board feet.

B. COSTS AND VALUES.

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11. Photographs

(Give serial numbers of photographs taken.)

12. Method of examination... 5% Cruise of lower portion strip run east and
west.

(State method used in locating boundaries and corners, and in making estimate of timber. Give course run, % of area, covered by cruise, and various tables used.)

13. Cost of examination

(Bailey of examiner, transportation, expenses, Total.)

14. Recommendations

That a re-survey be made of the west half of
lot reducing the size to forty acres to be
opened for sale or lease.

(If timber averages less than 8,000 ft. B.M. west or 6,000 east of Cascades, make definite recommendation for or against opening the tract or portions of it to settlement.)

15. Status of land with respect to title

Vacant Crown Land

Approved. 

District Forester. 

Examining Officer.
Trinity Hill Provincial Forest.

Date...Jan. 15,...1925.

Area Examined: Lot 4375 --- (Trinity Valley -- (near Trinity Creek).

Small brook passes through south quarter of area, being bounded on south by steep slopes. Most of twenty acres immediately north of brook is gently rolling and good wagon road passes through. The soil of this portion is a deep, gravelly, fine, sandy loam. Soil on the remainder of the area is coarser and unfit for tillage, although producing considerable range, part of which is bunch-grass. The twenty acres along the road is covered largely with poplar and there is a half-acre swamp that would yield a rough quality of hay. Remainder of area carries a mixture of pine, fir, and some spruce reproduction. There is a considerable area of semi-open bunch-grass land in the north. Area is good range land and should be kept without the Trinity Hill Forest for range use. The NW of this lot is included in the Swamp Forest as it has a heavy cover of 60-year mixed reproduction.

R. O. Frother
Examiner Officer.
Province of British Columbia. FOREST BRANCH. Lands.

EXTENSIVE SOIL SURVEY REPORT.

Trinity Hill Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 4278 Tp. 40 -- Trinity Valley north of Trinity Creek.

Land at an elevation of 2900 feet with a gentle western slope and too light a soil for dry farming. No water for irrigation is available and without it the area is best suited for growing timber. The cover is larch and Jack pine reproduction over 20' high in thin to moderate stands.

Examining Officer.

R.I. [Signature]
EXTENSIVE SOIL SURVEY REPORT

Trinity Hill Provincial Forest.

Date....Jan. 15....1925.

Area Examined: Lot 4379 -- (Trinity Valley -- (on Loisy Creek).

25 acres of deep, fine, gently sloping, sandy loam on small bench in central south and 5 acres of losy creek bottom. Remainder steeply sloping, light, gravelly, sandy loam. Area has an elevation of 2,800 feet. Pine, sandy loam is covered with poplar and the bottom land with willows and alders; remainder of area is covered with a mixture of fir, poplar and pine reproduction. There is a 10 by 12 ft. log cabin in the central south. Area has not enough easily cleared good land to make a dry farm but might be used economically in conjunction with land south-west of it. It should be kept open for pre-emption sale or lease.

Lots SW of this have been since examined and are unsuited for tillage, therefore
This lot has been included in the Shuswap Forest.

R.H. White
Examining Officer.
Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 4669

(On small branch of 
Tp. 5) — (B. X. Creek.

Land at an elevation of over 4,000 feet, most of which has a steep south-western slope. It is covered with a moderate stand of 6 in. jack pines. There is a slight admixture of fir reproduction over 20 feet high in the south-east. The soil over the whole area is a light, gravelly, sandy loam. There are two small running springs flowing out of the area but they are too small for use for irrigation. There is a small, dilapidated log cabin near the south boundary in the west. The area is unfit for agricultural development and should be included within the Aberdeen Mountain Forest and the survey cancelled. B. X. Creek is fully recorded.

R. A. Field
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 4671, (2 miles north of Tp. 5, B. X. Creek).

Steeply sloping, light, gravelly, sandy loam, covered with a moderate stand of 5 in. jack pine. It is at an elevation of 4,000 feet and there is no water available for irrigation. Area gives very little feed for stock. It should be included within the Aberdeen Mountain Forest and the survey cancelled.

Examiner Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 4673

Tp. 5 N. --- On B. X. Creek

Greater part of area is on steeply sloping jack pine hill in the south-east with light, gravelly soil. In the north-west, however, near the creek, are thirty acres of gently sloping to level creek bottom with sandy loam soil and covered partly with poplar. North of this the cover is jack pine and the soil again becomes light. The area is at an elevation of 3,500 feet and no water for irrigation is available. It is, therefore, not an economic farm unit but might be used to advantage in conjunction with established farms. It yields fair pasture. It should be kept open for farm use by present farmers, although it likely will not be needed for some time.

[Signature]
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 4699 (South of headwaters of Trinity Creek).

With the exception of a three-acre peat meadow in extreme west part of the lot, this area is comprised of steeply sloping gravelly and rocky hills covered with fir, larch, and jack pine reproduction over 20 feet high. The area is unsuited for agricultural development and should be included within the Aberdeen Mountain Forest and the survey cancelled.

Examiner Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: N. 1/4 of Lot 15, Tp. 40 -- (On Vance Creek).

20 acres on the east and 30 acres on the north-west are steeply sloping, light, gravelly land. Remainder of area is in the valley bottom and has a stony, sandy loam soil of uniform quality. This soil is light and will be dry but part is capable of growing farm crops. The small brook flowing through the area will supply water for irrigating some of the land but the cost of clearing will be prohibitive for some time. The elevation is only 2,000 feet and the area is rather desirable for this reason. The portion of the area included within Lot 3060 and surveyed at the present time should, therefore, be open for settlement. It would be best to keep the unsurveyed portion of the Lot within the Aberdeen Mountain Forest.

R.O. /Vokes
Examing Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: Lot 24, T 40, R 15, W 2 (On Vance Creek).

The west half of Lot 24 is at an elevation of 2,500 feet. Most of the land slopes gently to the east, with a gravelly, sandy loam soil. It is covered with reproduction over 20 feet high, most of which is jackpine. There is considerable larch, however, and in the 40 acres in the central west has a dense understory of young hemlock. The soil of the area is rather too light for successful dry farming and the area will grow good timber.

The north-east quarter has about 4 acres of good creek bottom land but the rest of the area has light soil and the cover is largely jackpine.

It is recommended that the west half and north-east quarter of this Lot be included within the Aberdeen Mountain Forest and the surveys cancelled.

R.A. Davis
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT.

Aberdeen Mountain Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: E. 1/2 Lot 26 Tp. 40. -- On Vance Creek.

Land at an elevation of 3000 feet with a steep eastern slope broken by the creek gulch in the north. Soil is light and sandy and farming is out of the question. Area carries tall fir, larch and Jack pine reproduction with cedar near the creek. Area should be included within the Aberdeen Mountain Forest.

R. C. Swifts
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT.

Aberdeen Mountain Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: Lot 25 Tp. 40. -- On Vance Creek.

Land at an elevation of 2500 feet broken up by the creek gulch. Soil varies in depth but is a strone stony light sandy loam that would not be worth the cost of clearing. Area could not be irrigated. It should be included within the Aberdeen Mountain Forest and the survey cancelled.

R. O. Price
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: N.W. 1
Lot 25,
Tp. 6. — (Near Coldstream Creek.)

West 40 acres of this quarter
slopes steeply to the west; remainder steeply
to the south. The cover is a thin stand of fir
averaging 12 in. and patchy reproduction. The
soil is usually a deep, fine, stony, sandy loam
but rock outcrops occasionally. There is good
range on the quarter, there being considerable
bunch-grass on the southern slopes. None of
the area is suitable for tillage. It should be
kept open for lease as range.

Examining Officer.
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: East 
Lot 27, Tp. 6.} -- (Near Coldstream Creek.)

Land on south slopes of mountainous foothill. Minimum elevation 1,700 feet; maximum elevation 3,300 feet. In the central south there are 6 acres of stony, sandy loam, with a slope of over 10% that is above the main flume and, therefore, of no use for tillage. With the exception of the 6 acres mentioned, the south 80 acres have a gradient of over 20% and a considerable part is covered by rock slides. There are 5 acres or more of bunch-grass, however, and the area is covered with a thin, fir stand averaging 10 in. with some reproduction. From this point north there is some gently sloping land but there is a strip of land on the west of the area 10-15 chains wide that is too steep for any tillage practice. Rock outcrops occasionally on the north-east portion of the area and the soil is a light, stony, sandy loam of varying depth. In the north there are 50 acres of dense fir reproduction over 20 feet high. Remainder of area has similar cover to that in the south and there are large areas of
bunch-grass. It is not worth while bending the forest boundary at this point to take in this lot but none of the area can be tilled and it is forest and grazing land. The timber, however, will be unfit for milling, so perhaps the area's best use is for range.

Ex. Officer.

R. A. Fisher
EXTENSIVE SOIL SURVEY REPORT

The Aberdeen Mountain Provincial Forest

Area Examined N.W. 1/8 LOT 17, TP 40

On Bessette Creek

Land on steep hillside facing the south at an elevation of 2200 feet. Soil is deep gravelly sandy loam and the cover a mixture of fir and yellowpine timber and reproduction. The area is unfit for agricultural development and should be included within the Aberdeen Mountain Forest.

Examining Officer
EXTENSIVE SOIL SURVEY REPORT

Aberdeen Mountain Provincial Forest.

Date: Jan. 15, 1925.

Area Examined: North ½
Lot 18,
Tp. 40;
(North of Bessette Creek.

Land at an average elevation of 2,200 feet, with a south-west exposure. The south and west portions of the area are steeply sloping but north-east of this land are considerable areas of gentle slopes. This gently sloping area, with the exception of small patches of deep, sandy loam, has a light, stony soil of moderate depth, with rock outcropping, that is unfit for tillage. The steeply sloping area has soil of much similar quality but usually deeper. The cover on the area is largely a moderate stand of fir and reproduction. The area should be included within the Aberdeen Mountain Forest, as should also the part of T.L. 8878 east of it, which is of similar quality.

R.A. Garden
Examing Officer.
EXTENSIVE SOIL SURVEY REPORT.

Aberdeen Mountain Provincial Forest.

Date: Jan. 21, 1926.


Land at an elevation of 2200 feet with largely a gentle western slope. The soil is a gravelly fine sand of insufficient body for dry farm practice, although there is an acre or two of peat and likely an odd acre of sandy loam in depressions. Area is recent burn coming in to larch and Jack pine. Area should be included within the Aberdeen Forest and the survey cancelled.

[Signature]
Examining Officer.
EXTENSIVE SOIL SURVEY REPORT.

Aberdeen Mountain Provincial Forest.

Date: Jan. 21, 1926.

Area Examined: W. 1/2 Lot 30 Tp. 40. -- East of Vance Creek.

Land at an elevation of 2500 with a rather steep north-western slope and a light gravelly soil unfit for dry farming. No water is available for irrigation and the survey should be cancelled and the area included within the Aberdeen Mountain Forest. Cover is pine, fir and larch, reproduction.

[Signature]
Examinining Officer.