

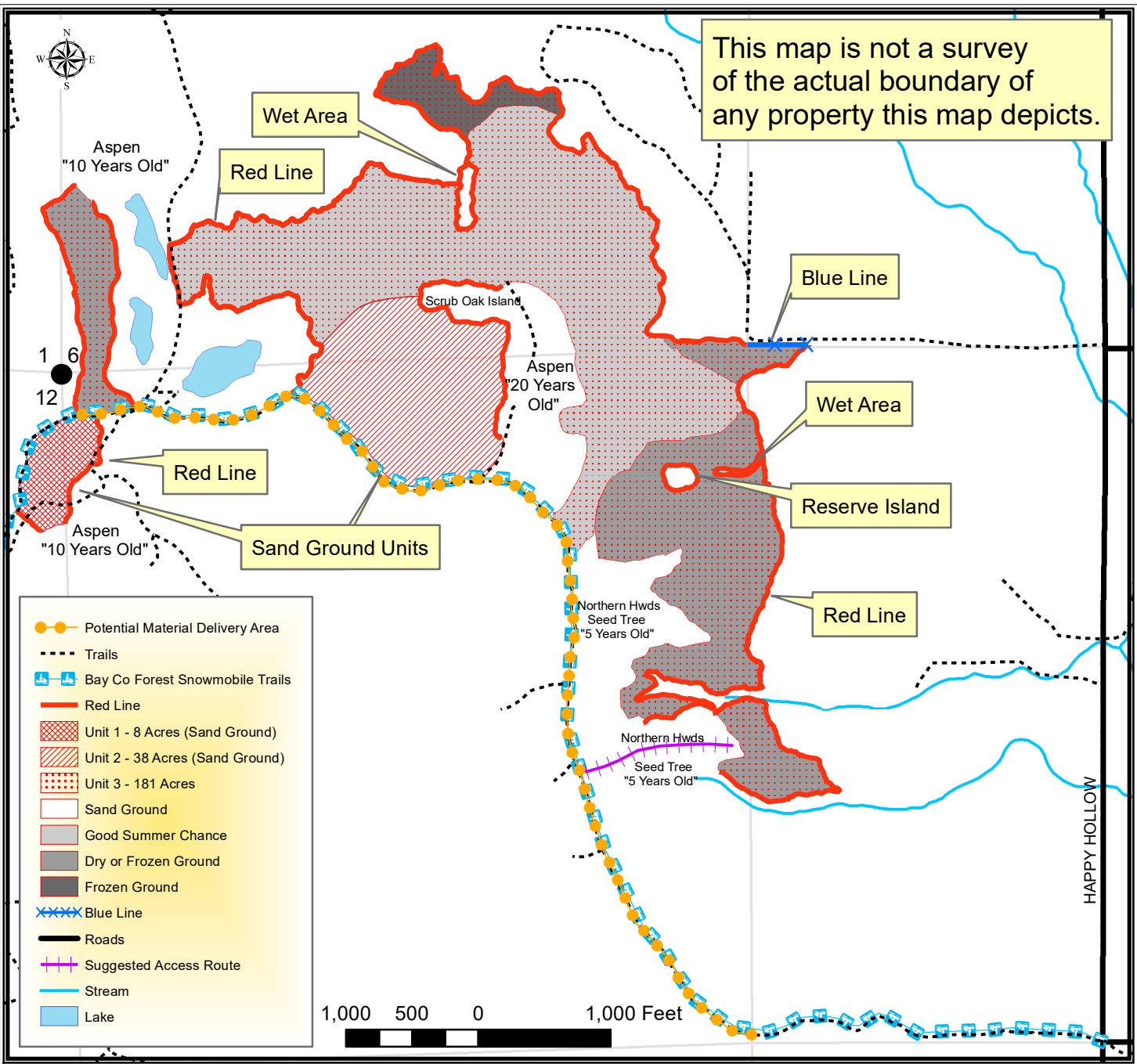
Bayfield County Forestry & Parks Department

Forester: Caleb E. Brown			Compartment: 29, 36 & 35	Stand: 23, 24, 25 & 36, 34 & 21	Tract Number: 57-19
Twp: 50N	Range: 5W & 6W	Sec: 6,7,8 & 1,12	Township: Bayfield & Bell	Contract Number:	
Topography: Gentle Rolling & Moderate Slopes			Reforestation Code: Natural	Soil: Silt Loam, Clay, Sand	Acres: 227

Estimated Volumes			
Species	4" Roundwood (Cords)	Whole Tree (Tons)	Sawlogs (MBF)
Red Oak	1971	6497	198
Red Maple*	2797	9145	55
Aspen	1187	3527	
Fir**	112	439	

*Approximately 51% Red Maple, 15% Sugar Maple, 13% Basswood, 11% White Birch, 7% Yellow Birch, 2% Ash, 1% Other Hardwood
 **Approximately 99% Fir, 1% Other Conifer

Notes	
Logging Opportunity Approximately:	
-20% Sand Ground	-49% Good Summer Chance
-27% Dry or Frozen	-4% Frozen Ground



TRACT 57-19 – SUPPLEMENTAL REQUIREMENTS

The following terms and conditions supplement those provided in the Bayfield County Timber Sale Contract.

A. PRESCRIPTION:

1. Harvest unit 1 is an aspen coppice with an estimated average residual basal area of 0 ft².
2. Harvest unit 2 is a scrub oak seed tree prescription with an estimated average residual basal area of 15 ft².
3. Harvest unit 3 is a combination of oak, northern hardwood, and aspen seed tree with an estimated average residual basal area of 14 ft².

B. HARVEST REQUIREMENTS:

1. In unit 1 harvest all hardwood stems 2 inches and greater.
2. In unit 2 harvest all hardwood and balsam fir stems 2 inches and greater while **leaving** all other conifers, purple marked trees, and oak trees 4 inches and less.
3. In unit 3 harvest all hardwood and balsam fir stems 2 inches and greater while **leaving** all other conifers, purple marked trees, and oak trees 8 inches and less.

C. HARVEST AND OPERATIONAL REQUIREMENTS AND SEASONAL RESTRICTIONS:

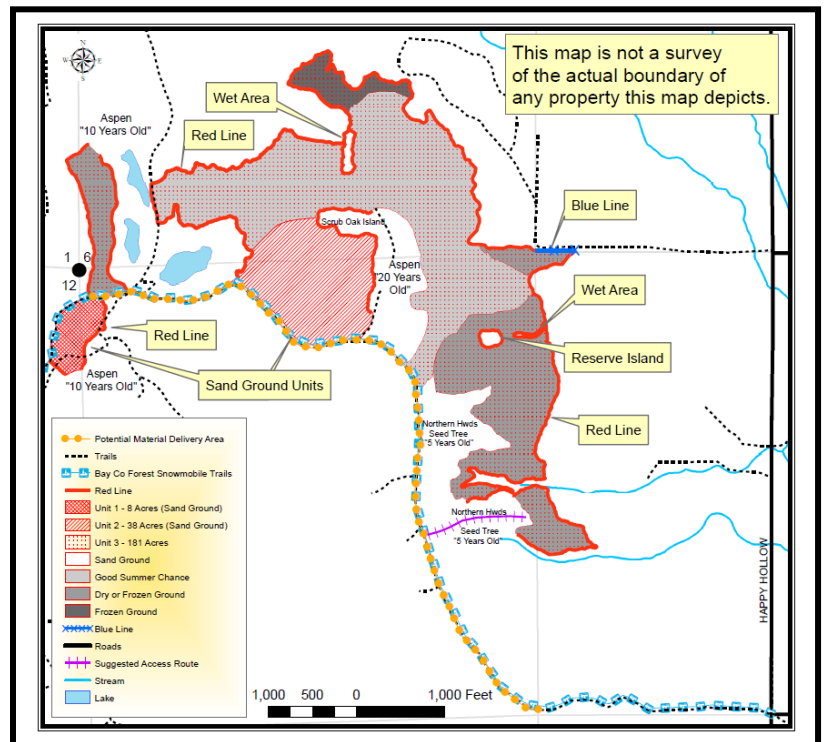
1. In units 1 and 2 harvest operations are **not** restricted.
2. In unit 3 harvest operation restrictions range from good summer change (61% of unit area), dry or frozen (34%), to frozen ground (5%), as determined by Bayfield County (see map).
3. To access southern tip of unit 3, use suggested access route or cross the buffered less than 1-foot stream area when frozen ground as determined by the sale administrator.
4. **No paint boundary exists between harvest unit 1 and unit 3.** The difference between units 1 and 3 is a dramatic species change (scrub oak to northern hardwood) and elevation change.
5. A snowmobile trail runs adjacent to parts of the sale. During winter harvesting the snowmobile trail must be kept unobstructed and in a packed snow condition. The purchaser must ensure that harvesting and hauling operations will not create a safety hazard to snowmobiles. Avoid damage to signs and trail markers. If the primary haul route utilizes a portion of the snowmobile trail.
6. Excessive damage (beyond normal wear and tear) to the snowmobile trail, as determined by the county, will not be tolerated. If Bayfield County determines excessive damage has occurred, the Contractor may be held responsible for a portion or all of the repair. The County and Contractor must communicate on a regular basis to ensure issues are addressed in a timely manner and the snowmobile trail remains in a safe and acceptable condition.
7. If harvest will utilize the whole tree, 1 in 10 tops must be left scattered throughout the sale.
8. Sale boundaries include red paint line blue paint line, old logging roads, and drastic timber type changes to young aspen, and recent seed tree harvest (see sale map).
9. The blue line indicates private property. No equipment or felled trees may cross the line.
10. Do not damage any survey monumentation.

D. ACCESS AND ROADS:

1. This contract requires County authorization for all road/landing construction.
2. Decking of wood along town roads will not be allowed without permission from Bayfield County.

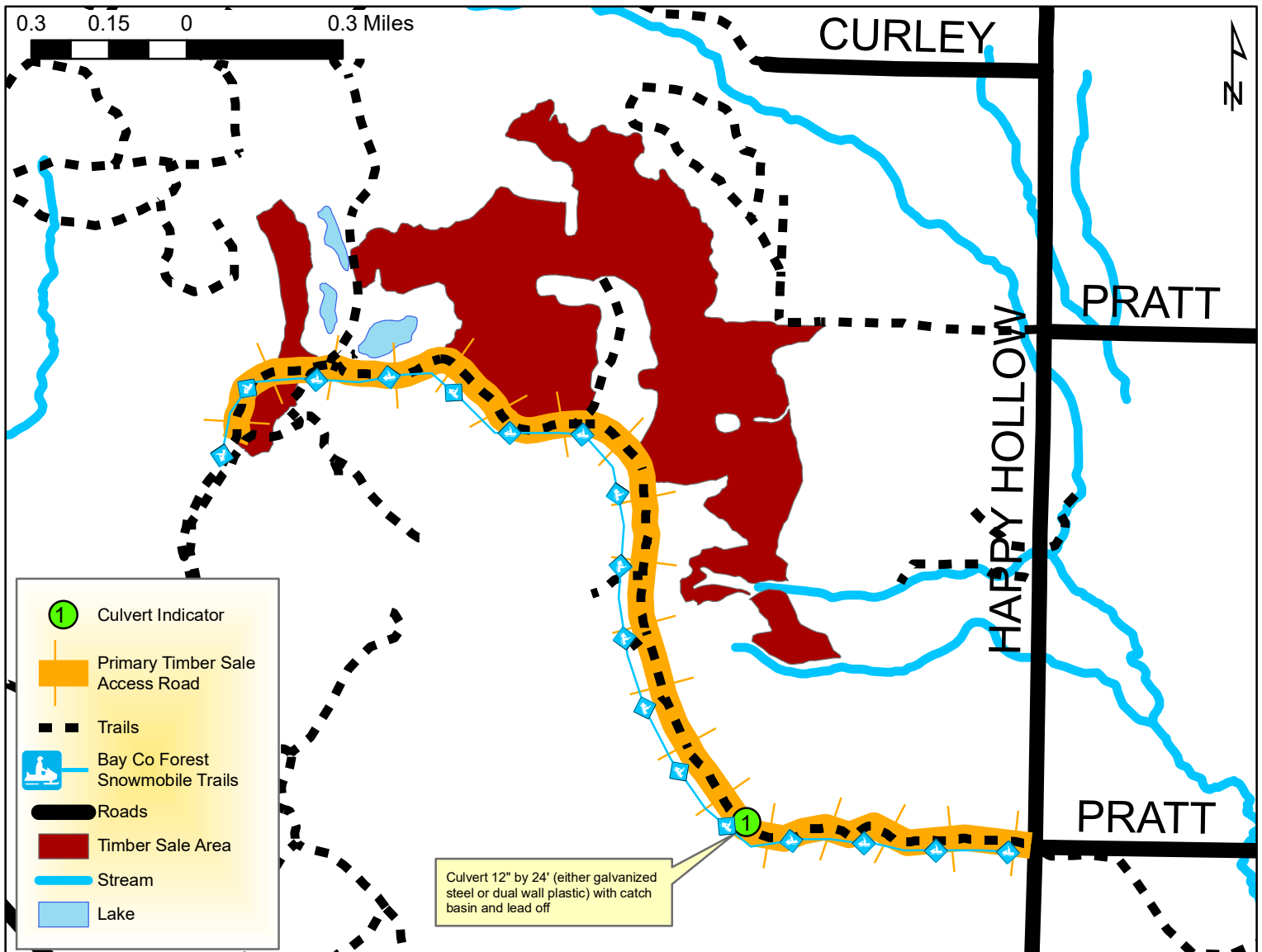
E. OTHER:

1. **Contractor will be responsible for culvert installation and material (gravel/rock) delivery (see attached 57-19 road project map).**
2. To comply with Best Management Practices for Invasive Species: Prior to moving equipment onto or off the sale area, scrape or brush soil and debris from exterior surfaces to the extent practical.



Road Project Map

Tract #57-19



Project Requirements:

- Work must be completed and approved by the county prior to sale closeout.
- All road work must occur during non-frozen ground conditions.
- The Contractor will be required to deliver a total of 600 tons of 1 ¼" base coarse gravel and 400 tons of 3" minus fractured rock. The delivery location will be somewhere on or near the primary timber sale access road, as determined by the County. The Contractor will be responsible for all expenses associated with all rock and gravel.
- At point 1, one 12"x24' culvert (steel or dual wall plastic) will be supplied and installed by the Contractor at the Contractor's expense.
- All fractured rock and coarse gravel quantities will be verified using a load ticket system.
- Fractured rock and coarse gravel will be delivered, and culvert installed as specified by the county.
- All rock will be fractured.
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