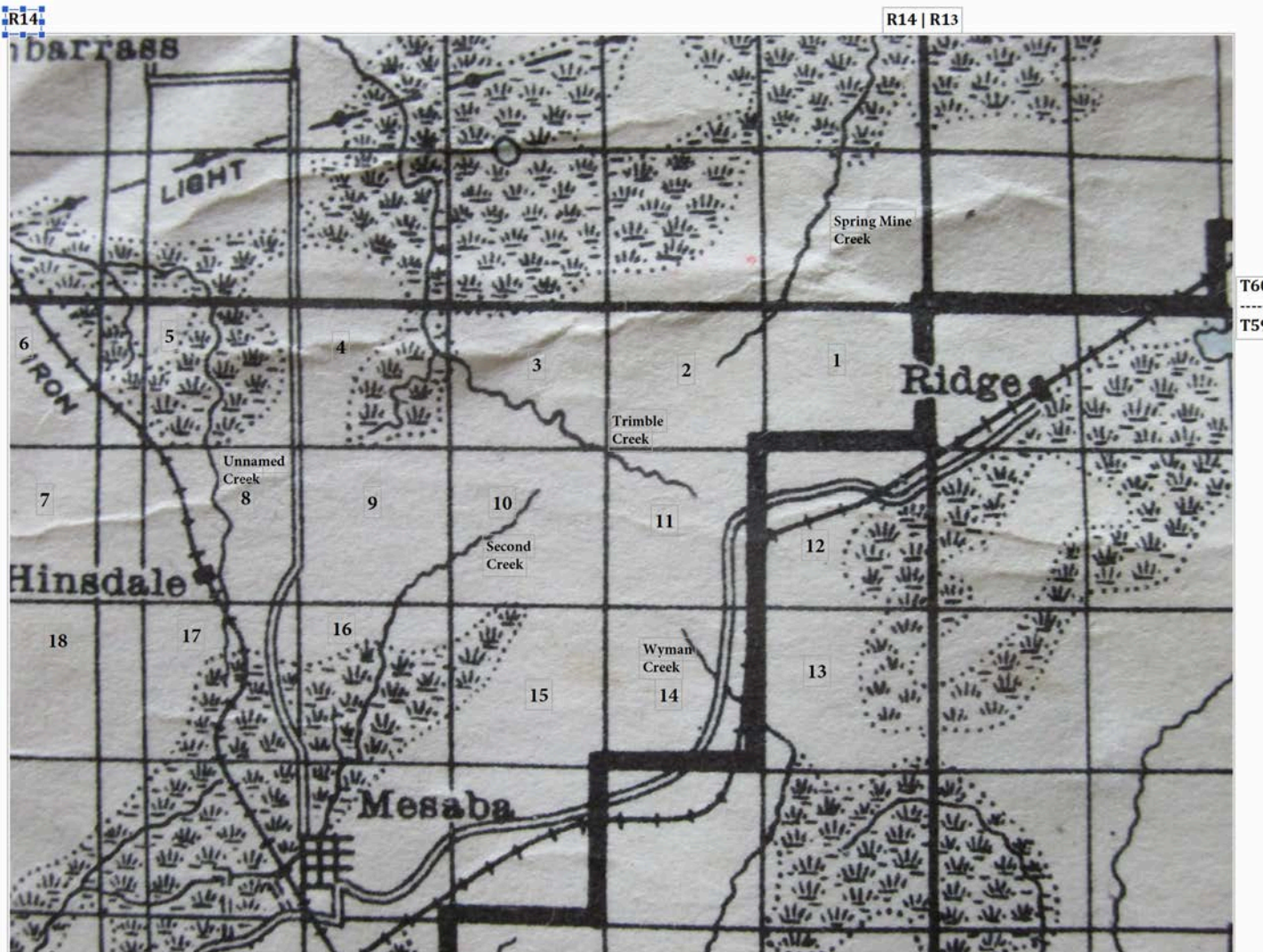


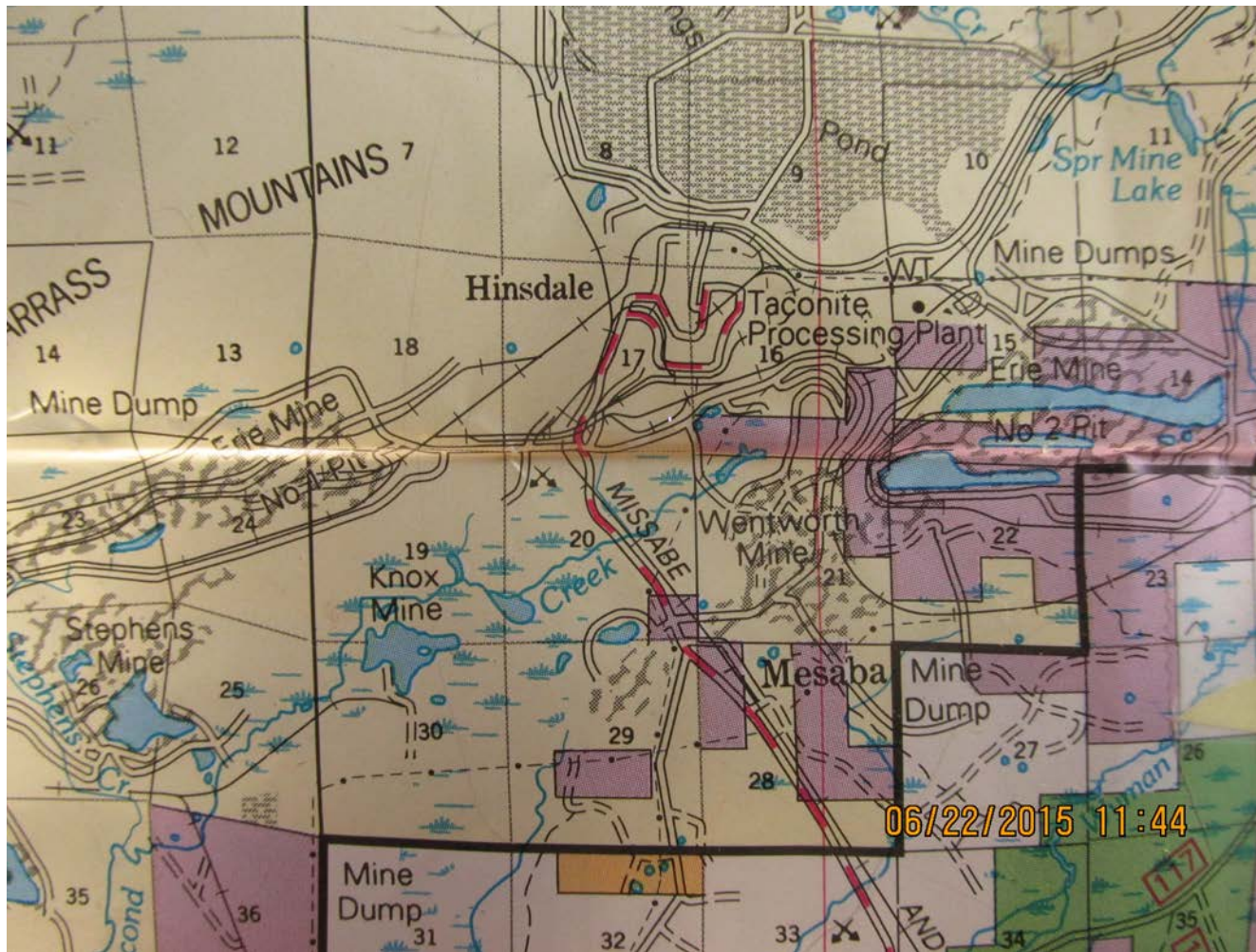
Figure 1. Area of LTVSMC Tailings Facility, U.S.F.S. Superior National Forest Map, 1938.



This map shows township, range and section notations along with creek names. The LTVSMC tailings basin will be located in the map sections identified as 3, 4, 5, 8, 9, and 10.

The origin of Second Creek lies under the LTVSMC southern tailing basin facility in section 10 and under mine waste rock piles in and near section 16. Second Creek flows south and southwest to the Partridge River. Trimble Creek runs beneath the tailings basin in section 3 in the northeast quarter of the tailing basin and flows northwest to the Embarrass River. An unnamed creek emerges from under the northwest corner of the tailing basin in approximately section 5 of Figure 5a and flows generally west to Embarrass River.

Figure 2, LTVSMC Tailings Facility and Second Creek Features, U.S.F.S. Map 1997, revised 2011.



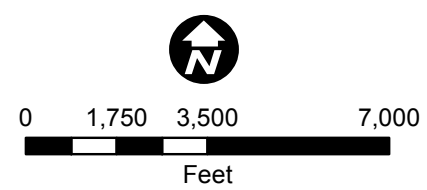
By 1997, in addition to headwaters for Second Creek, the LTVSMC tailings waste facility will inundate Trimble Creek and Unnamed Creek. This area is shown as “Mine Dumps” in sections 10 and 11 of the map.

This map also reflects 1997 conditions, including the relationship of Second Creek to wetlands and other mine features. As of 1997, the northeast quadrant of what will become the LTVSMC tailing basin north of the Taconite Processing Plant still shows Trimble Creek headwaters. This area will later be inundated with tailings.

Figure 3, Map of Existing LTVSMC and Proposed PolyMet Tailings Locations (Large Figure 1, PolyMet 2015i)



- Surface Water Evaluation Location PM-13
- ▲ Existing Surface Discharge Station
- ▲ Existing Surface Discharge Station and Temporary Pumpback System
- △ USGS Gage
- Stormwater Flow Lines
- Streams and Rivers



Large Figure 1
 EXISTING TAILINGS BASIN
 NorthMet Project
 Poly Met Mining, Inc.
 Hoyt Lakes, MN

This Figure shows the existing tailings site, the proposed project area, the current SD026 pumpback site and stormwater flow. PolyMet tailings would be placed on top of LTVSMC tailings in Cell 1E and Cell 2E.