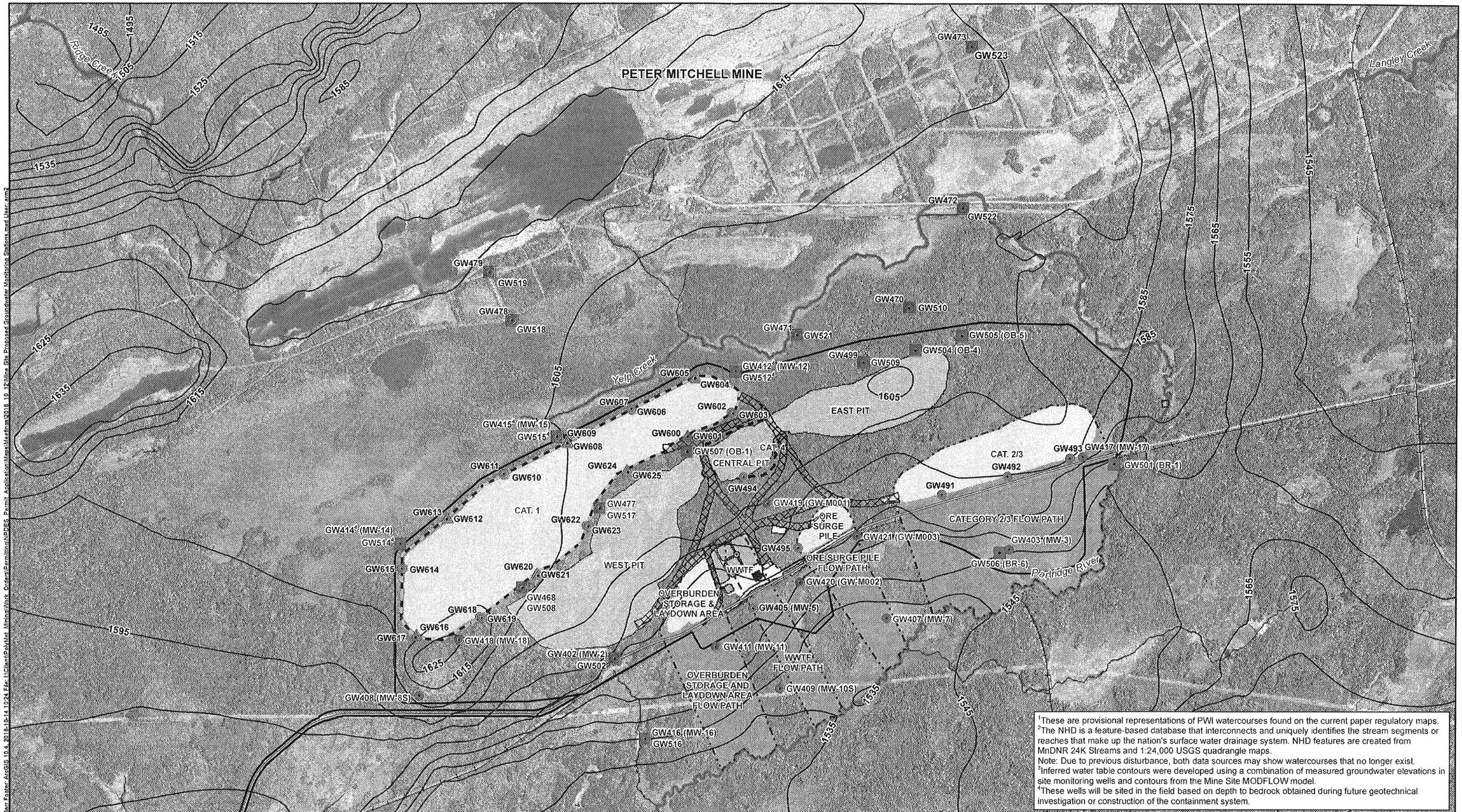

[1]These are provisional representations of PWI watercourses found on the current paper regulatory maps.
[2]The NHD is a feature-based database that interconnects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system. NHD features are created from MnDNR 24K Streams and 1:24,000 USGS quadrangle maps.
Note: Due to previous disturbance, both data sources may show watercourses that no longer exist.
[3]Inferred water table contours were developed using a combination of measured groundwater elevations in site monitoring wells and contours from the Mine Site MODFLOW model.
[4]These wells will be sited in the field based on depth to bedrock obtained during future geotechnical investigation or construction of the containment system.

Proposed Surficial Aquifer Monitoring Stations
- Compliance Well
- Indicator Well
- Performance Well
- Performance Piezometer

Proposed Bedrock Monitoring Stations
- Compliance
- Indicator

GW405 (MW-5) Proposed NPDES/SDS Monitoring Station ID (Current Monitoring Station ID)

Mine Layout - Year 11
- Mine Pit
- Active Stockpile
- Removed Stockpile
- Haul Roads
- Groundwater Containment System

- EIS Project Areas
- Groundwater Flow Path
- Groundwater Elevation Contours[3] (ft)
- Public Waters Inventory (PWI) Watercourses[1]
- National Hydrography Dataset (NHD Rivers & Streams[2]
- Railroad

N

0 1,250 2,500 5,000
Feet

BARR

MINE SITE: PROPOSED GROUNDWATER MONITORING STATIONS
NorthMet Project
Poly Met Mining Inc.

Barr Raiter ArcGIS 10.4 2018-10-14 10:24 File: I:\Client\PolyMet Mining\Work Orders\Permitting\NPDES Permit Application\Maps\Memo\2018 to 12\Line 8\a Proposed Groundwater Monitoring Stations.mxd Layer: grnd