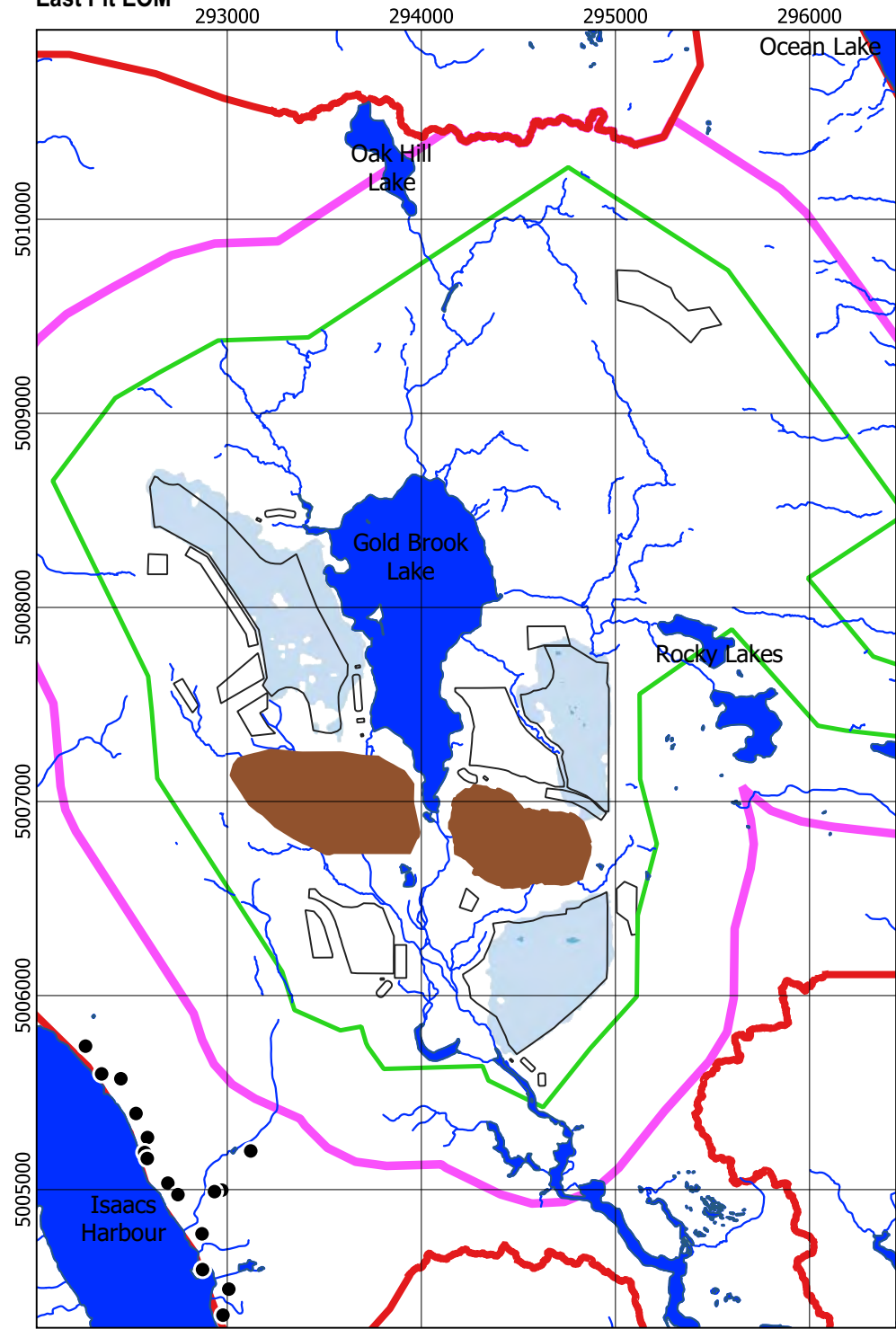
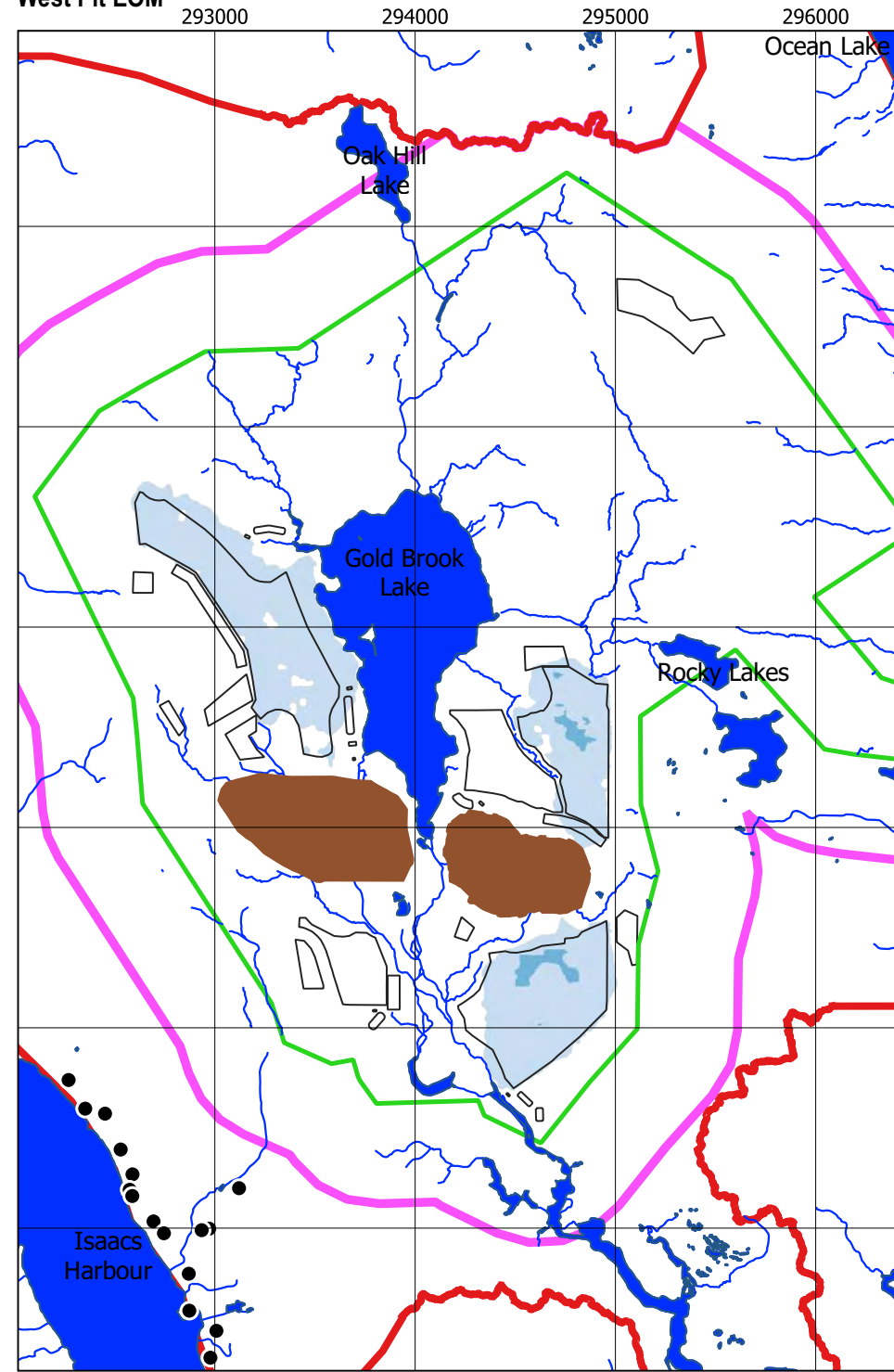


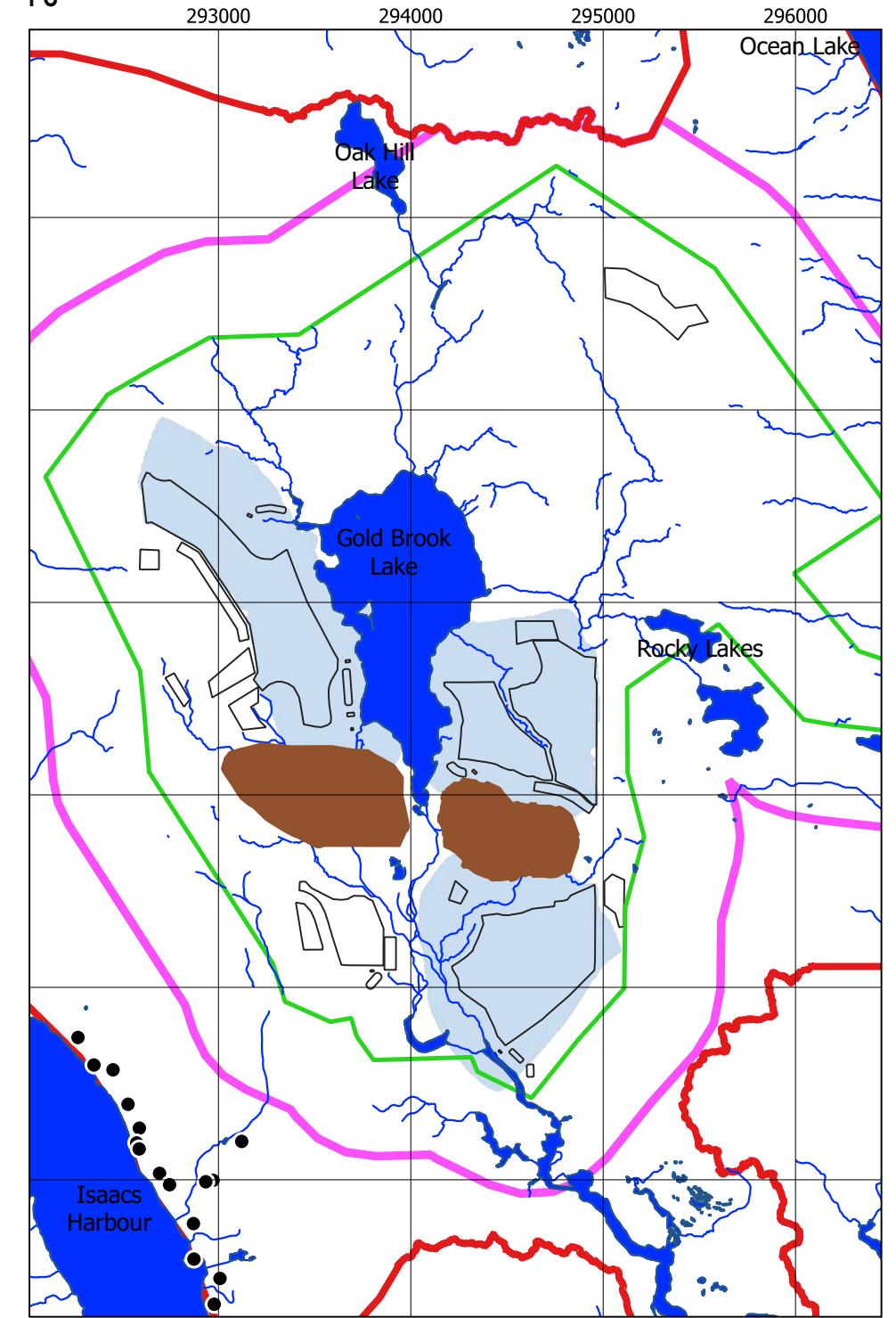
East Pit EOM



West Pit EOM

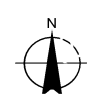
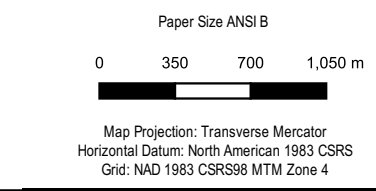


PC



Legend

- █ Local Assessment Area (LAA)
- █ Regional Assessment Area (RAA)
- █ Project Area (PA)
- █ Proposed Pits
- Residential Wells
- █ Water Bodies
- Streams
- Concentration (µg/l)
- 0.30 - 3.00
- 3.00 - 15.00
- 15.00 - 20.00
- █ > 20.00

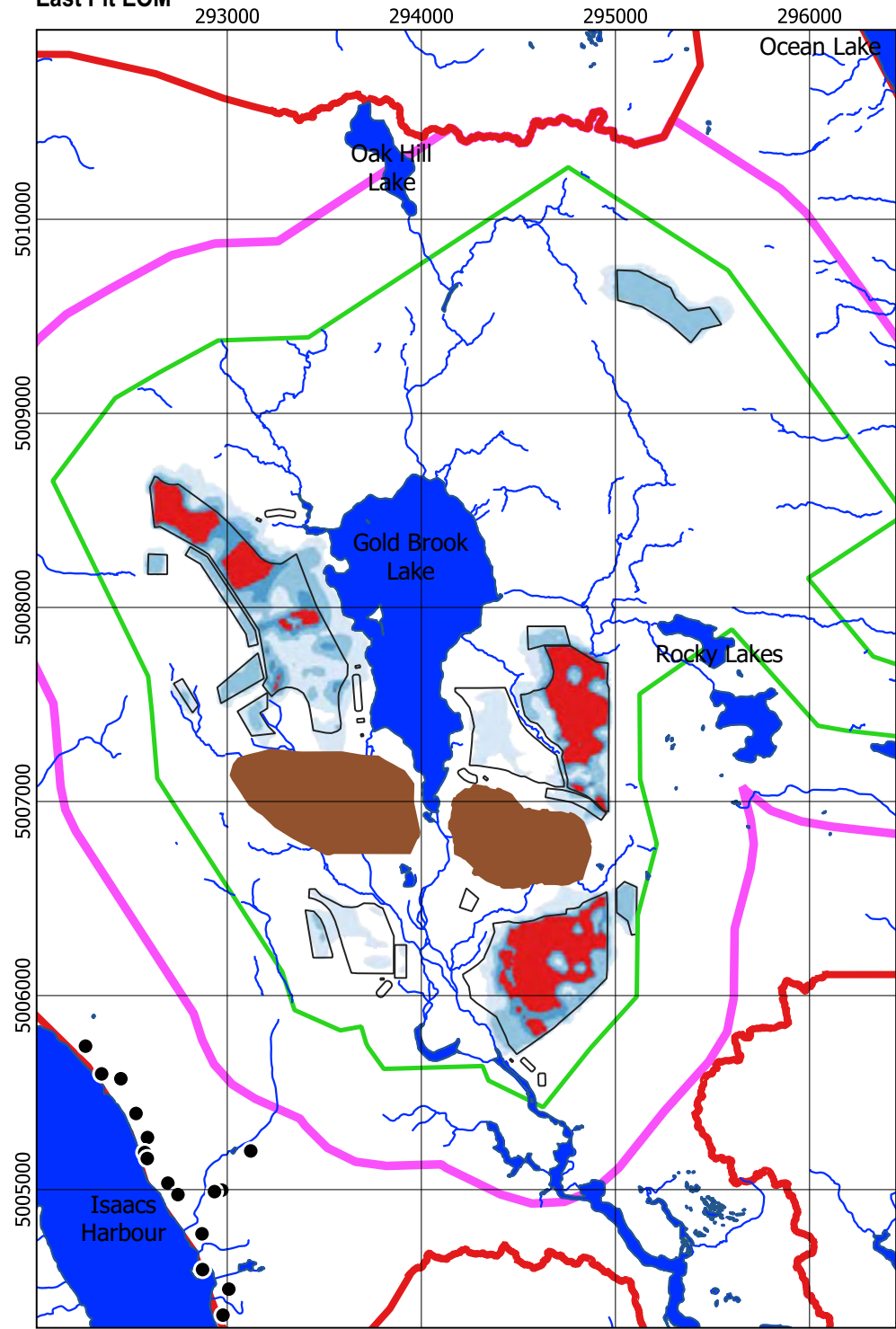


ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING
**SIMULATED URANIUM
 CONCENTRATION, POTABLE CRITERIA**

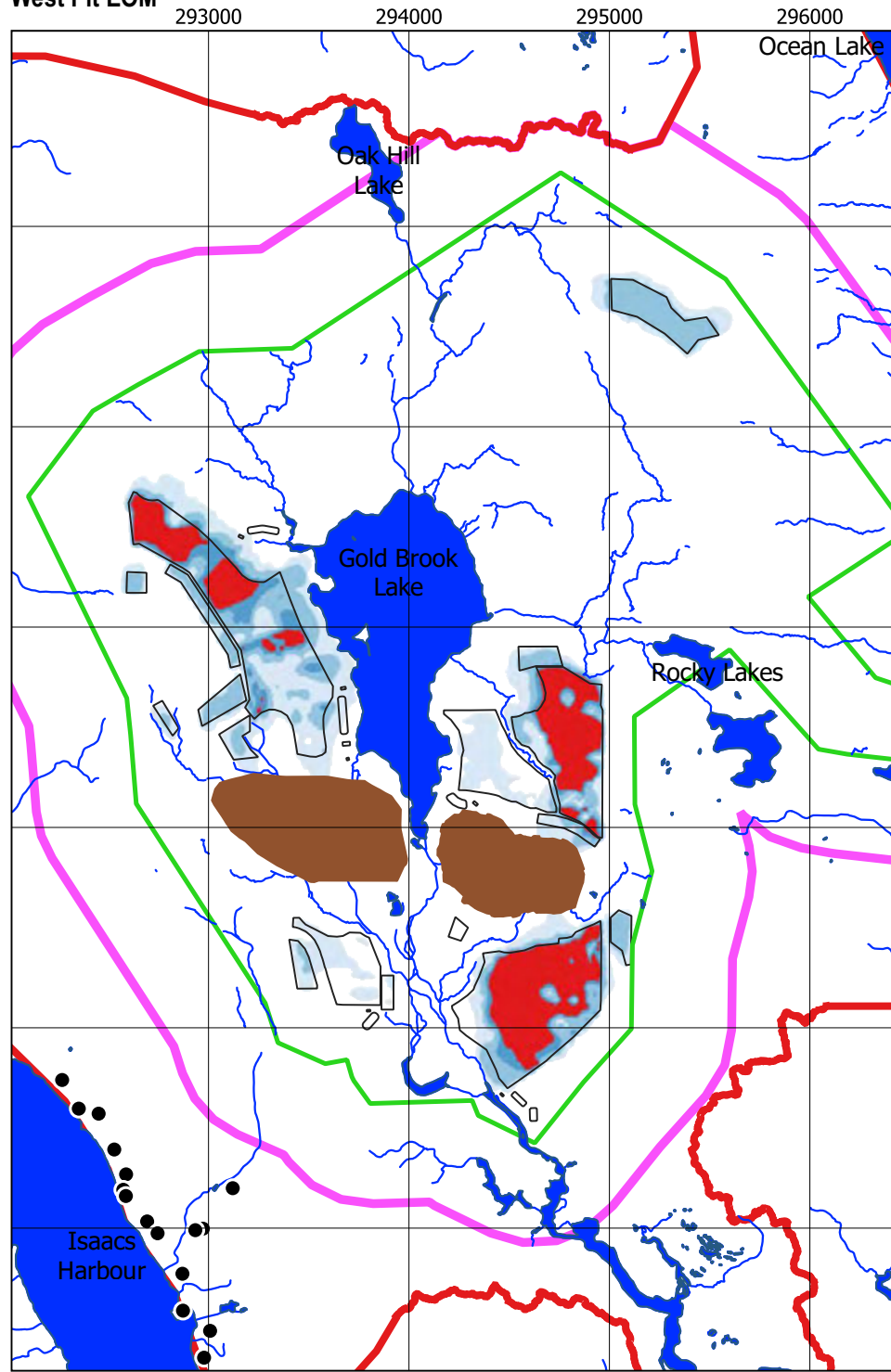
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.34

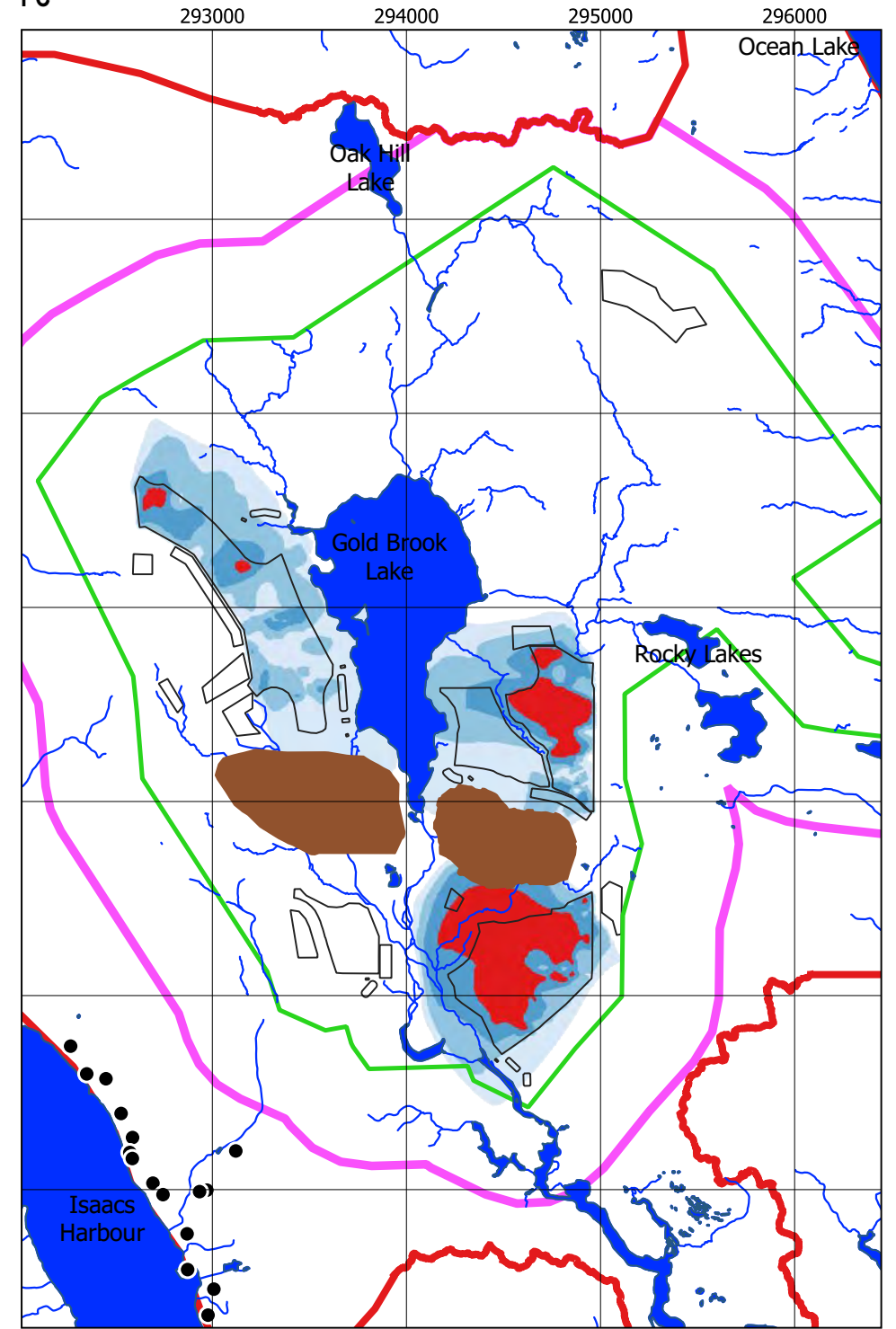
East Pit EOM



West Pit EOM

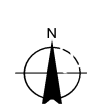
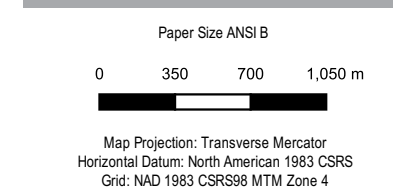


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration (µg/l)
- 0.50 - 2.00
- 2.00 - 4.50
- 4.50 - 6.20
- > 6.20

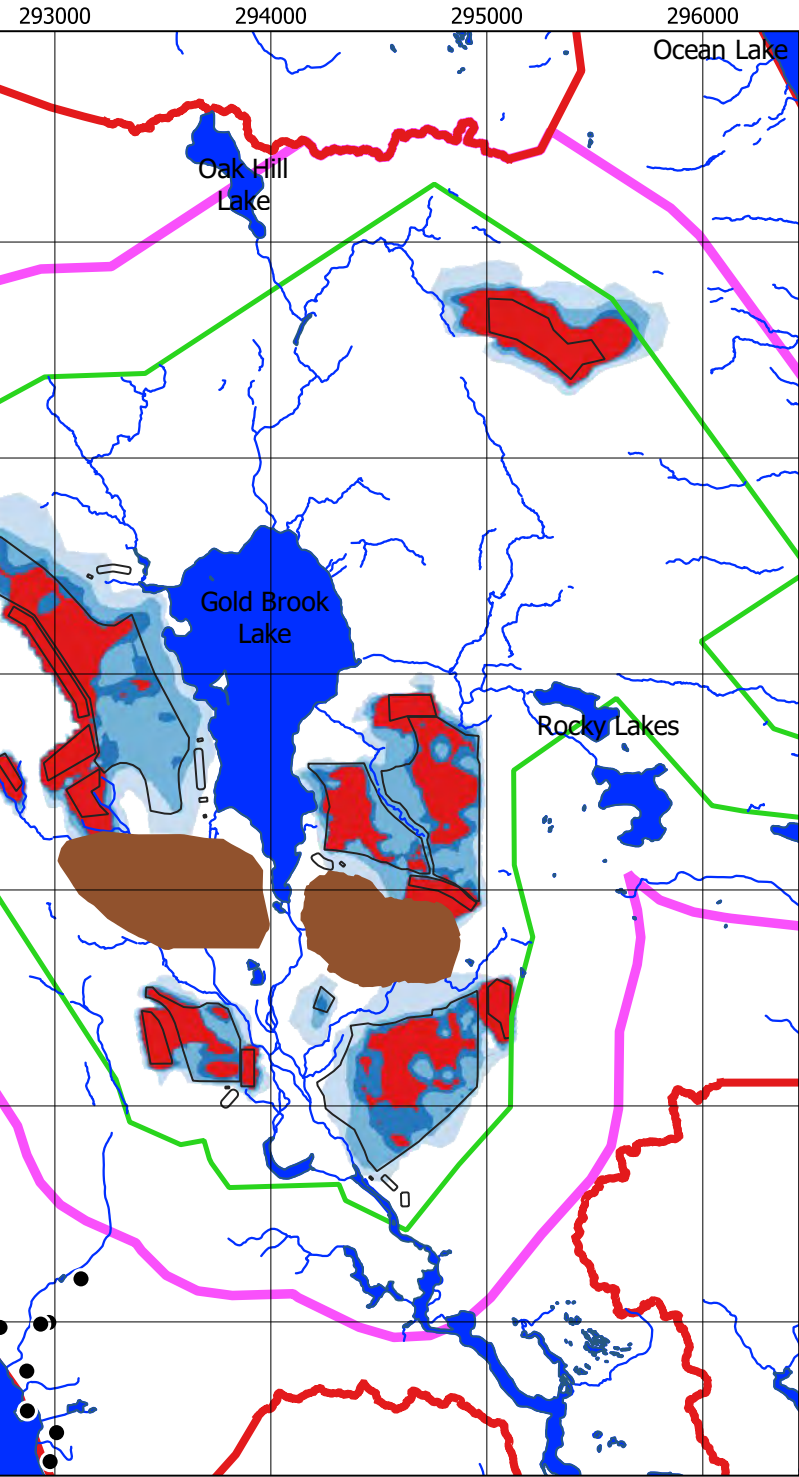


ANACONDA MINING INC.
GOLDBORO GOLD PROJECT, GOLDBORO,
GUYSBOROUGH COUNTY, NOVA SCOTIA
GROUNDWATER MODELLING
SIMULATED VANADIUM
CONCENTRATION, POTABLE CRITERIA

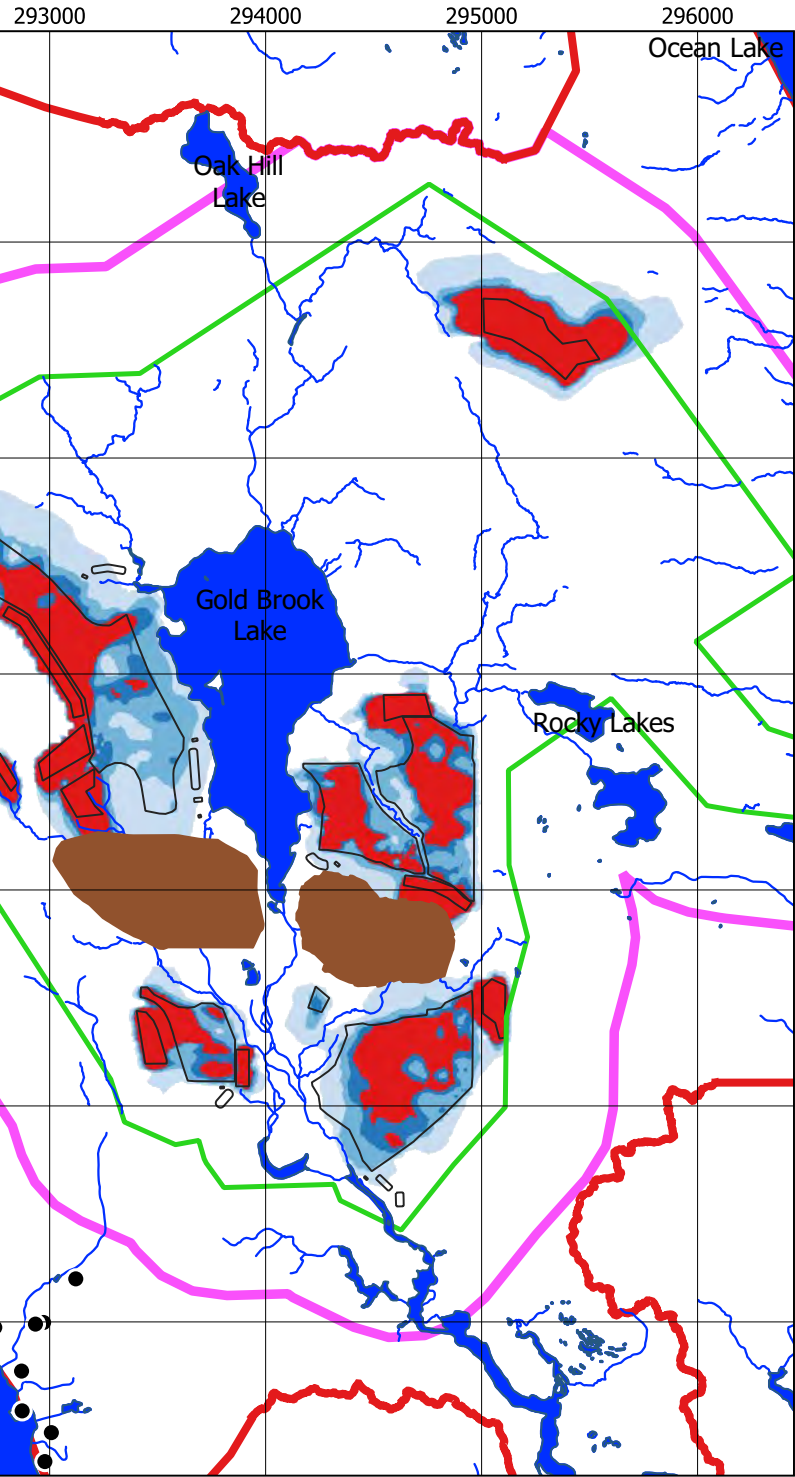
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.35

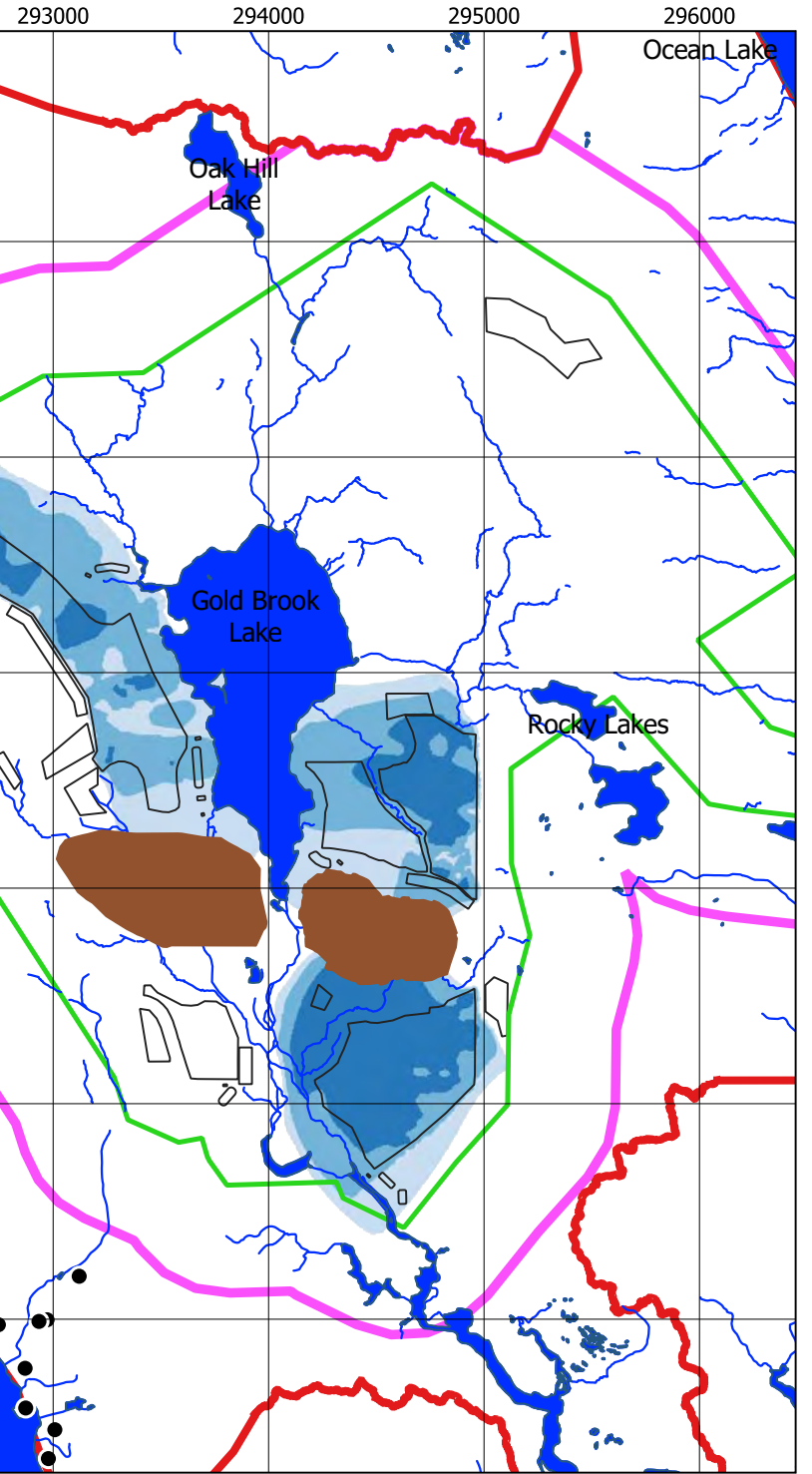
East Pit EOM



West Pit EOM

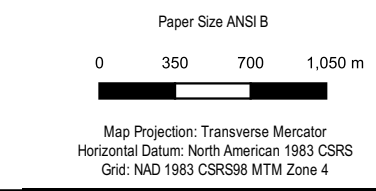


Post Closure



Legend

- | | |
|--------------------------------|-----------------------------------|
| Local Assessment Area (LAA) | Streams |
| Regional Assessment Area (RAA) | Concentration ($\mu\text{g/l}$) |
| Project Area (PA) | 2.0 - 10.0 |
| Proposed Pits | 10.0 - 30.0 |
| Residential Wells | 30.0 - 50.0 |
| Water Bodies | > 50.0 |



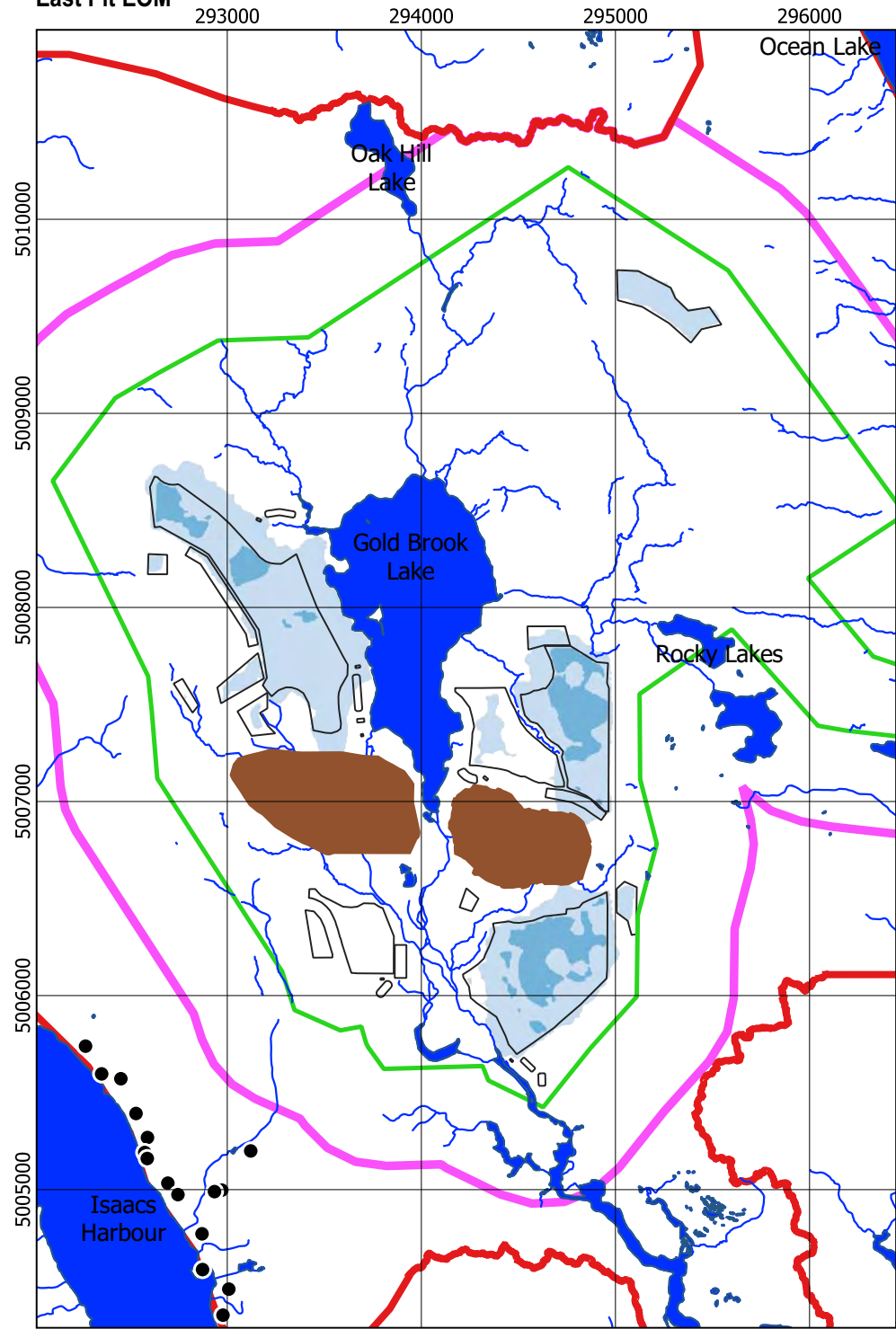
ANACONDA MINING INC.
GOLDBORO GOLD PROJECT, GOLDBORO,
GUYSBOROUGH COUNTY, NOVA SCOTIA
GROUNDWATER MODELLING

SIMULATED ALUMINUM
CONCENTRATION VERSUS PSS

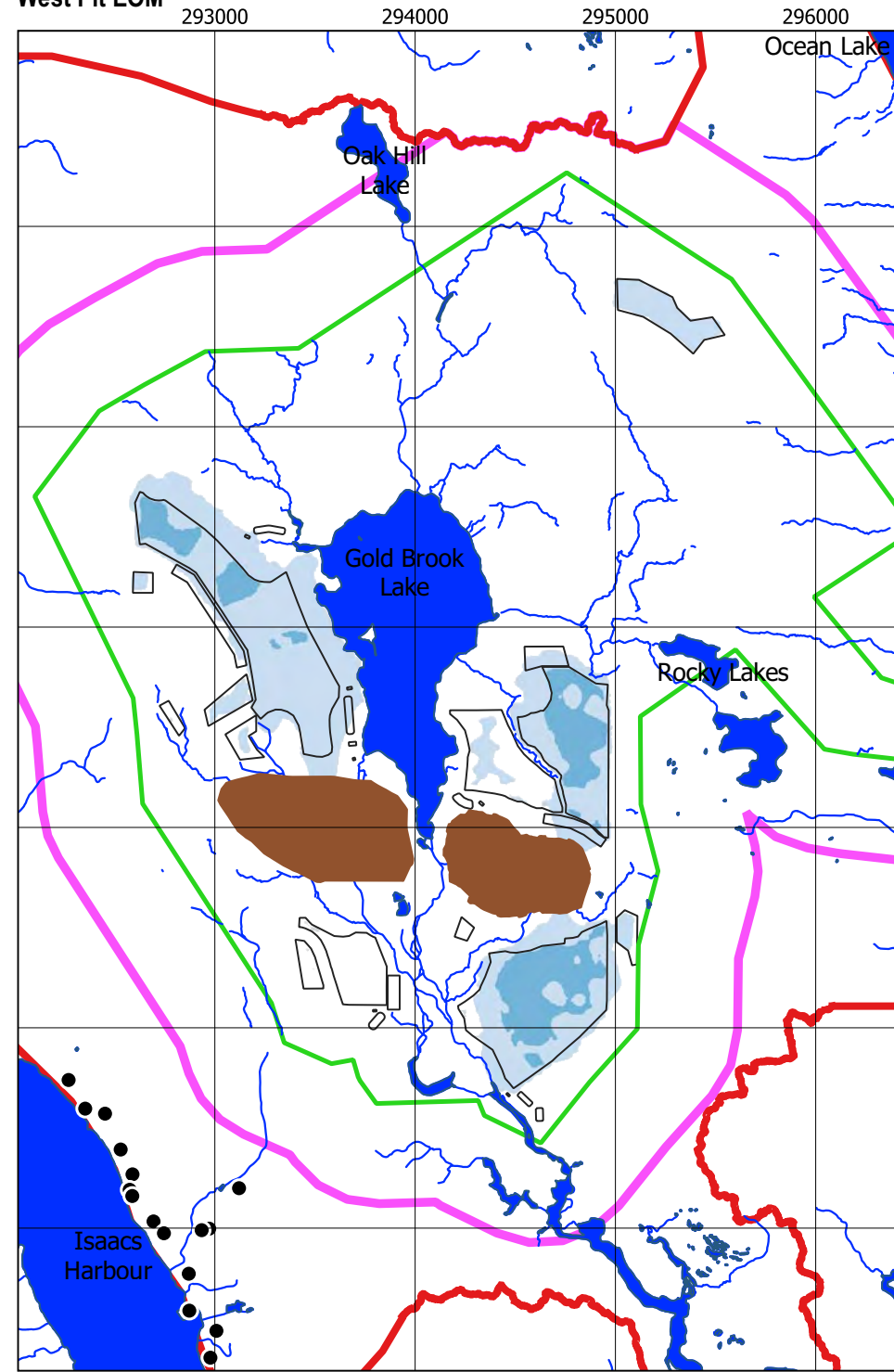
Project No. 1122385
 Revision No. -
 Date: April 2022

FIGURE 7.36

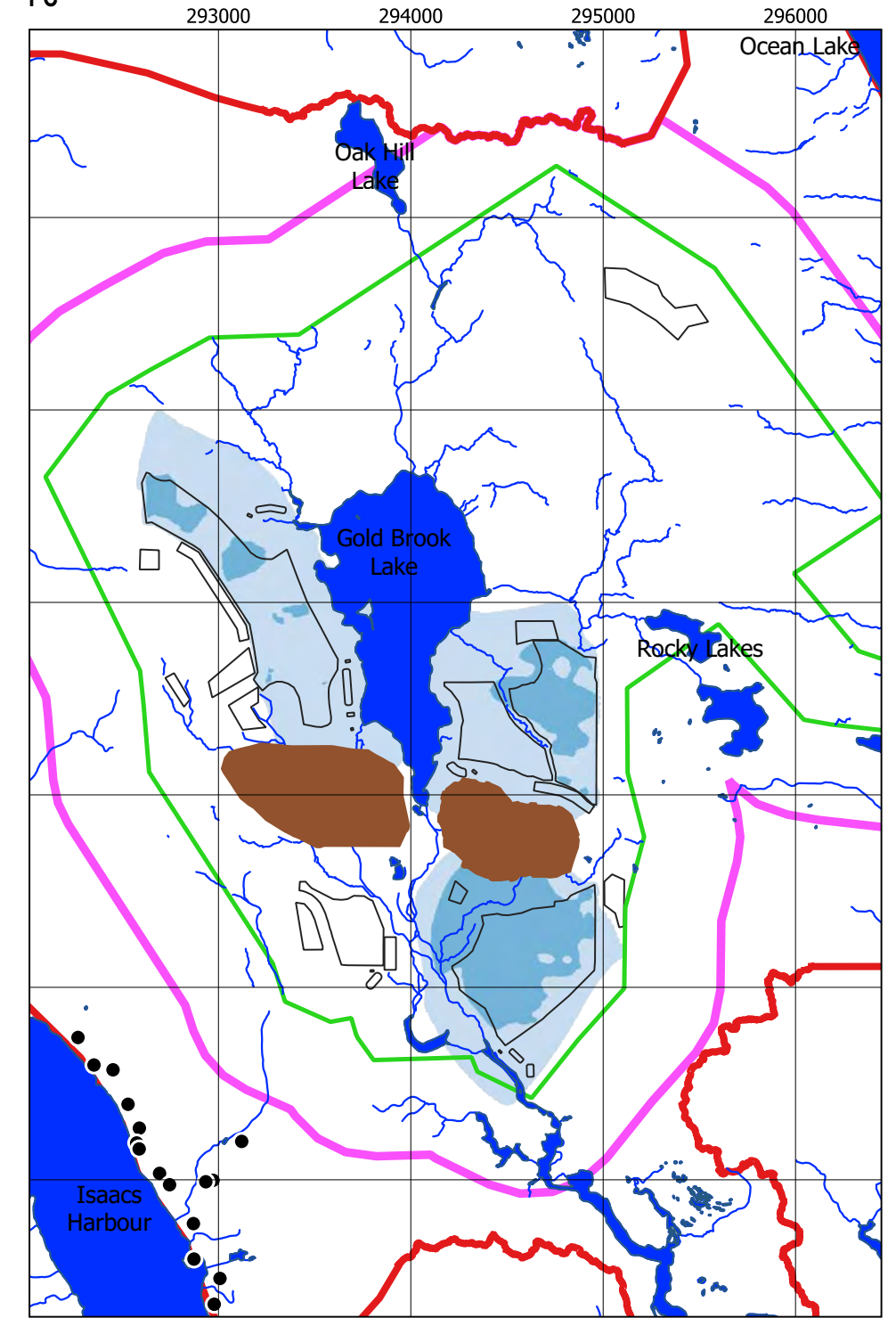
East Pit EOM



West Pit EOM

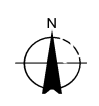
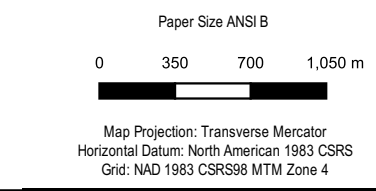


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.60 - 10.00
- ▭ 10.00 - 50.00
- ▭ 50.00 - 90.00
- ▭ > 90.00



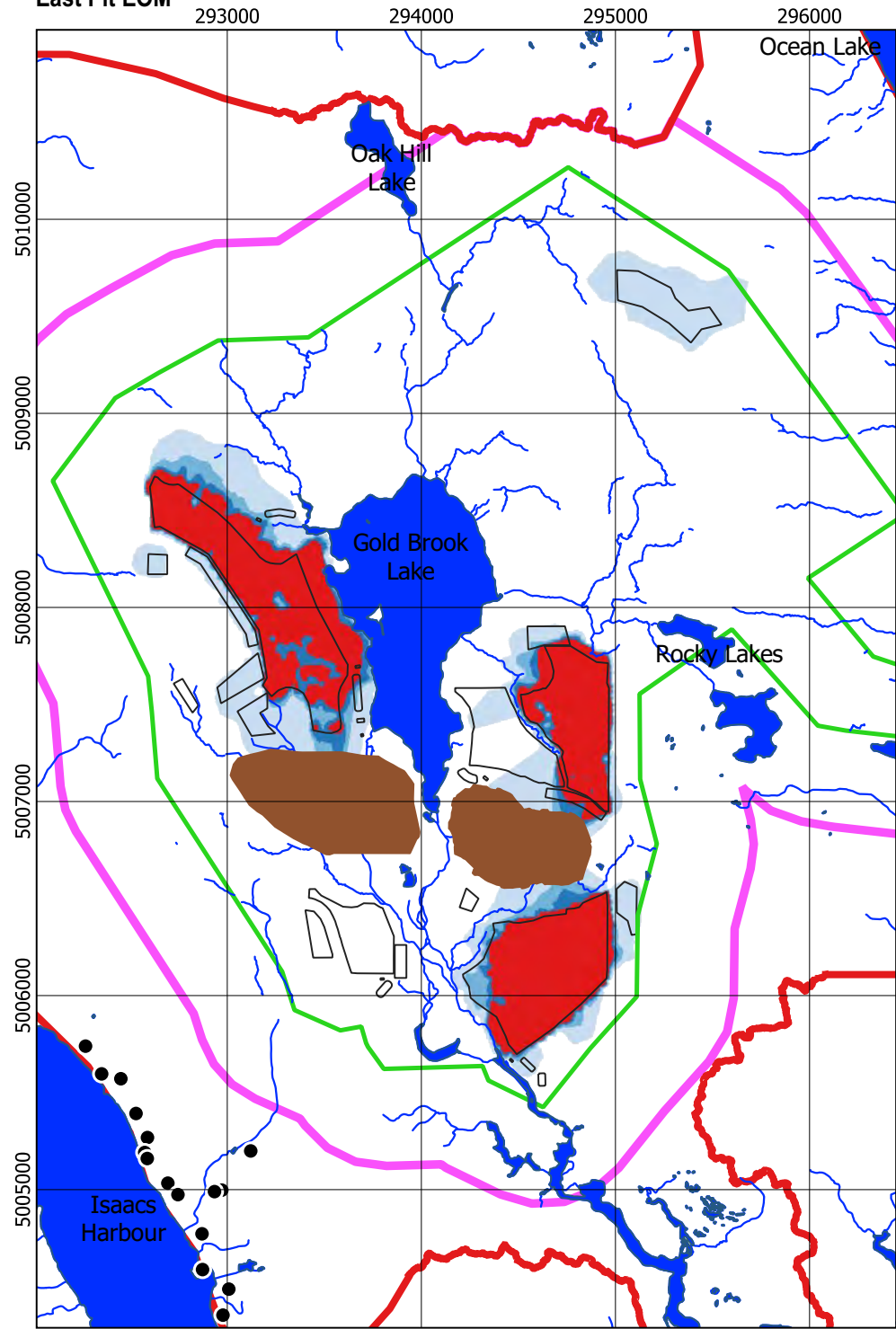
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED ANTIMONY
 CONCENTRATION VERSUS PSS**

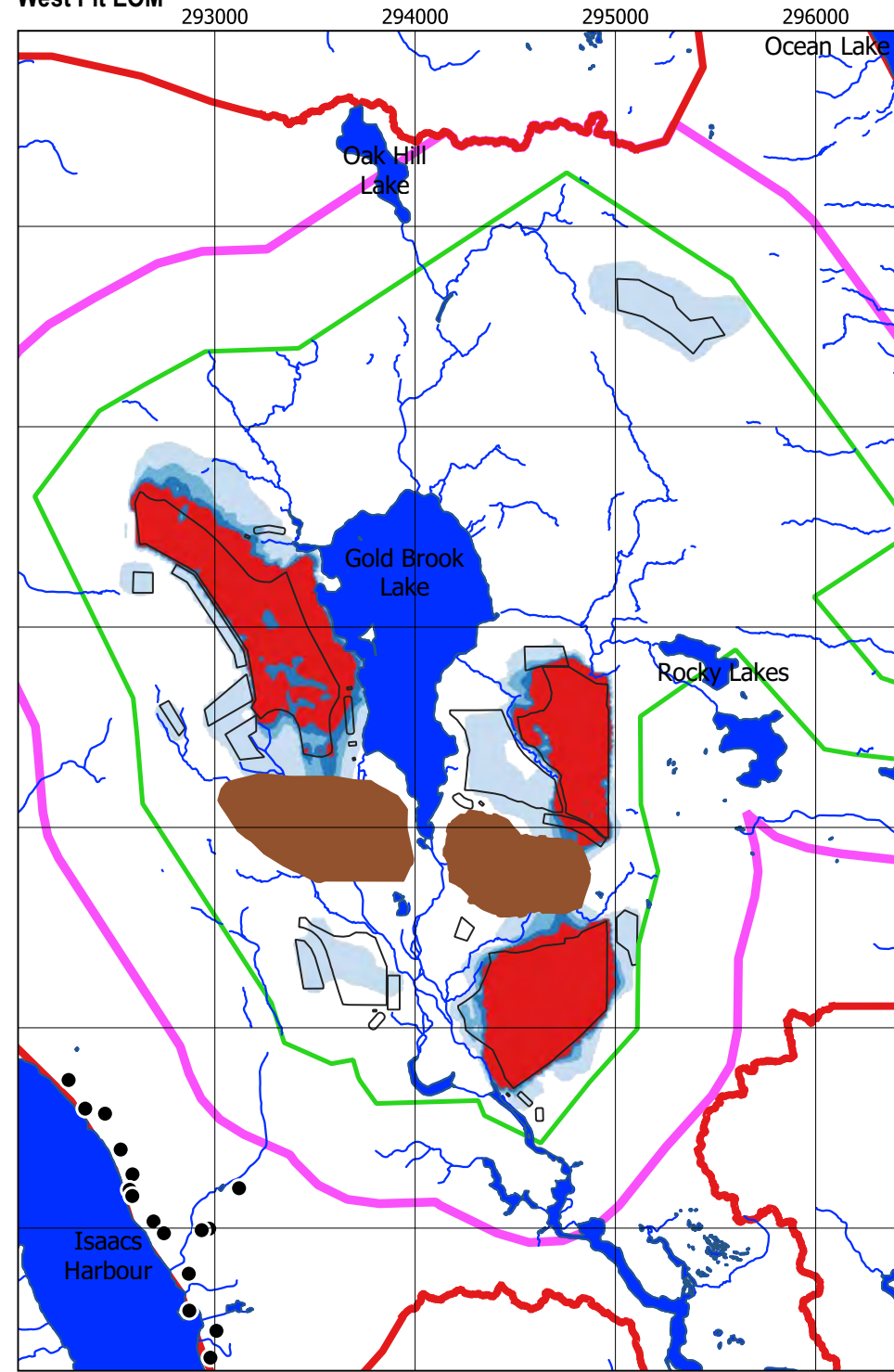
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.37

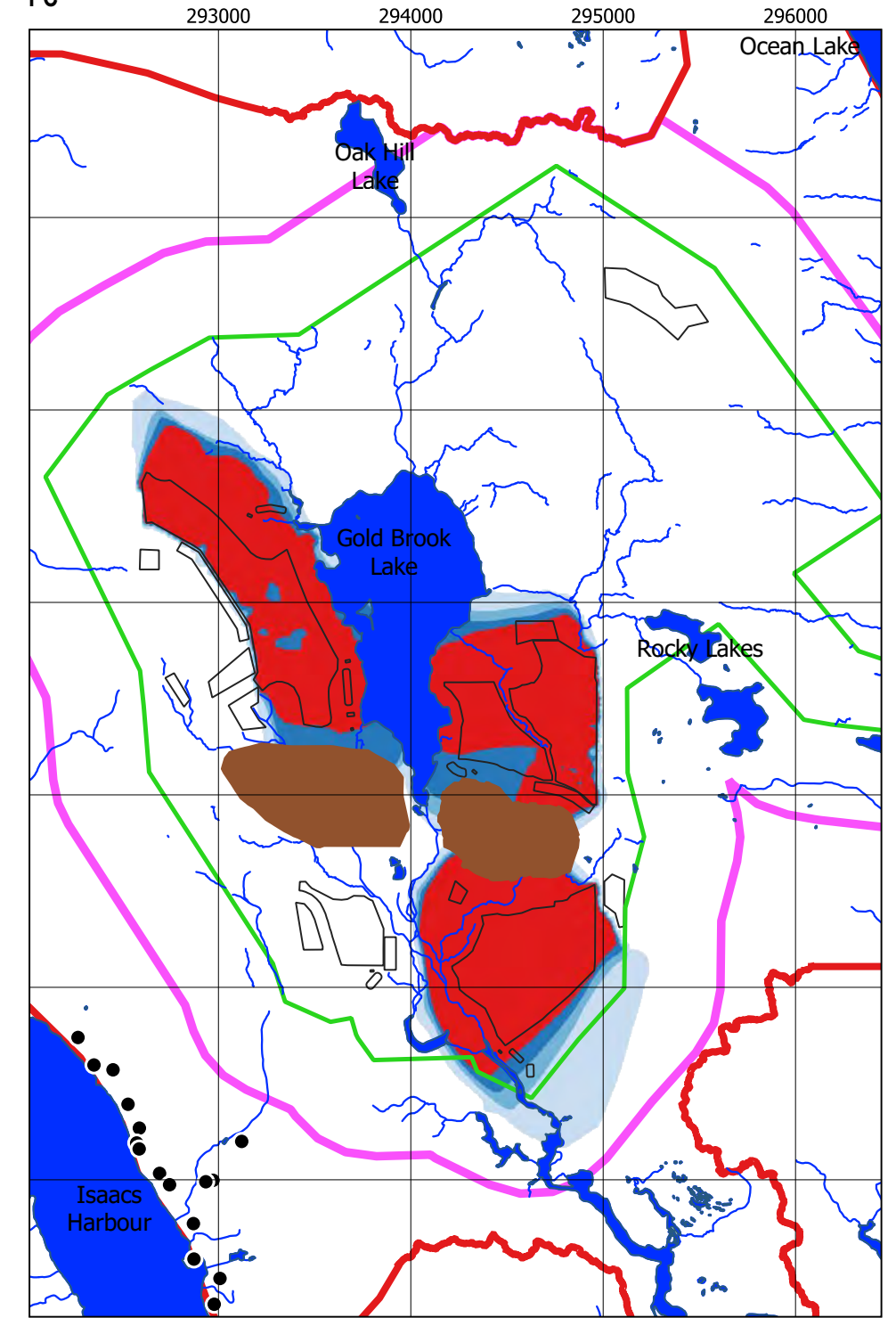
East Pit EOM



West Pit EOM

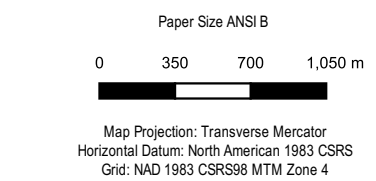


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration (µg/l)
- 1.0 - 10.0
- 10.0 - 25.0
- 25.0 - 50.0
- > 50.0



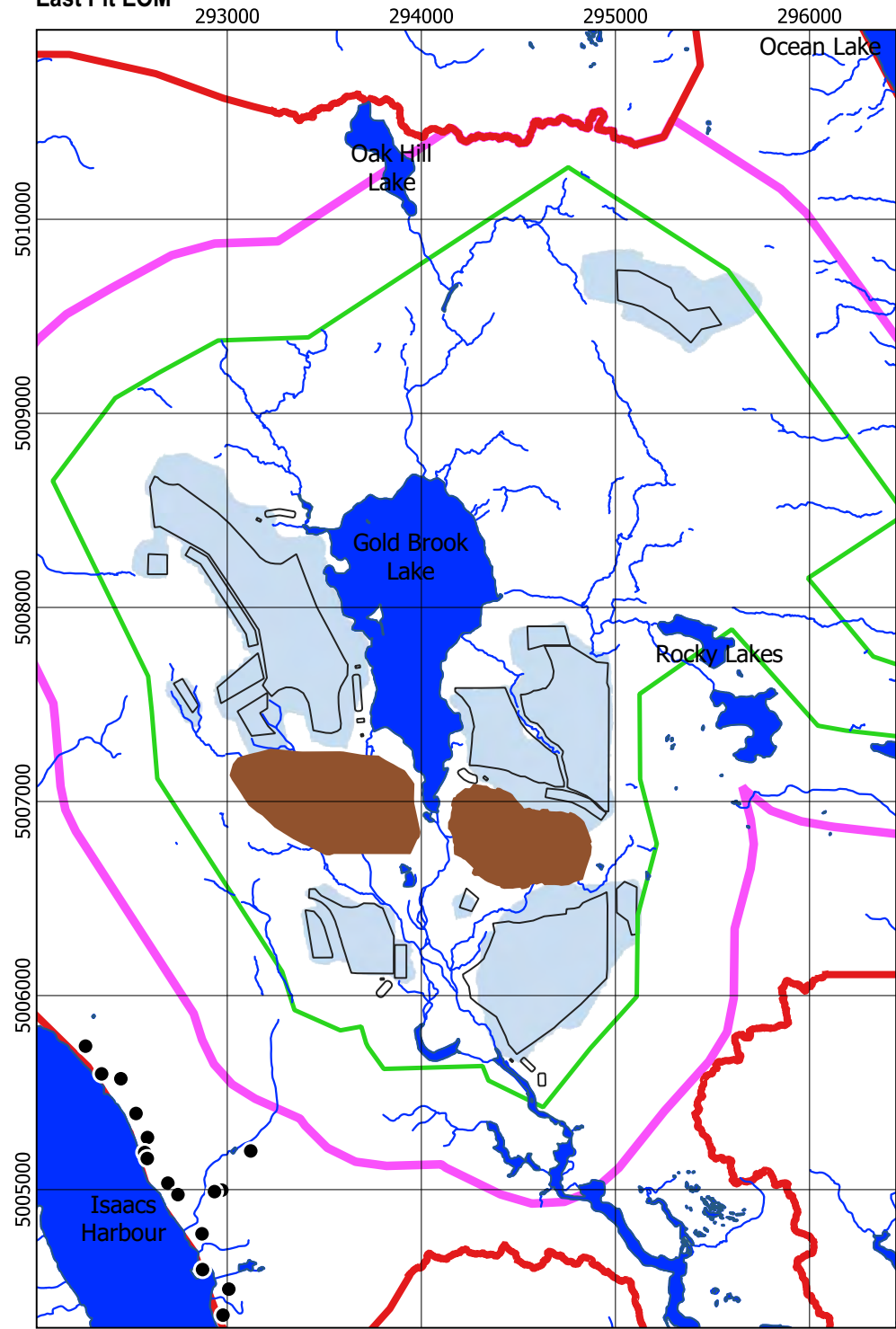
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED ARSENIC
 CONCENTRATION VERSUS PSS**

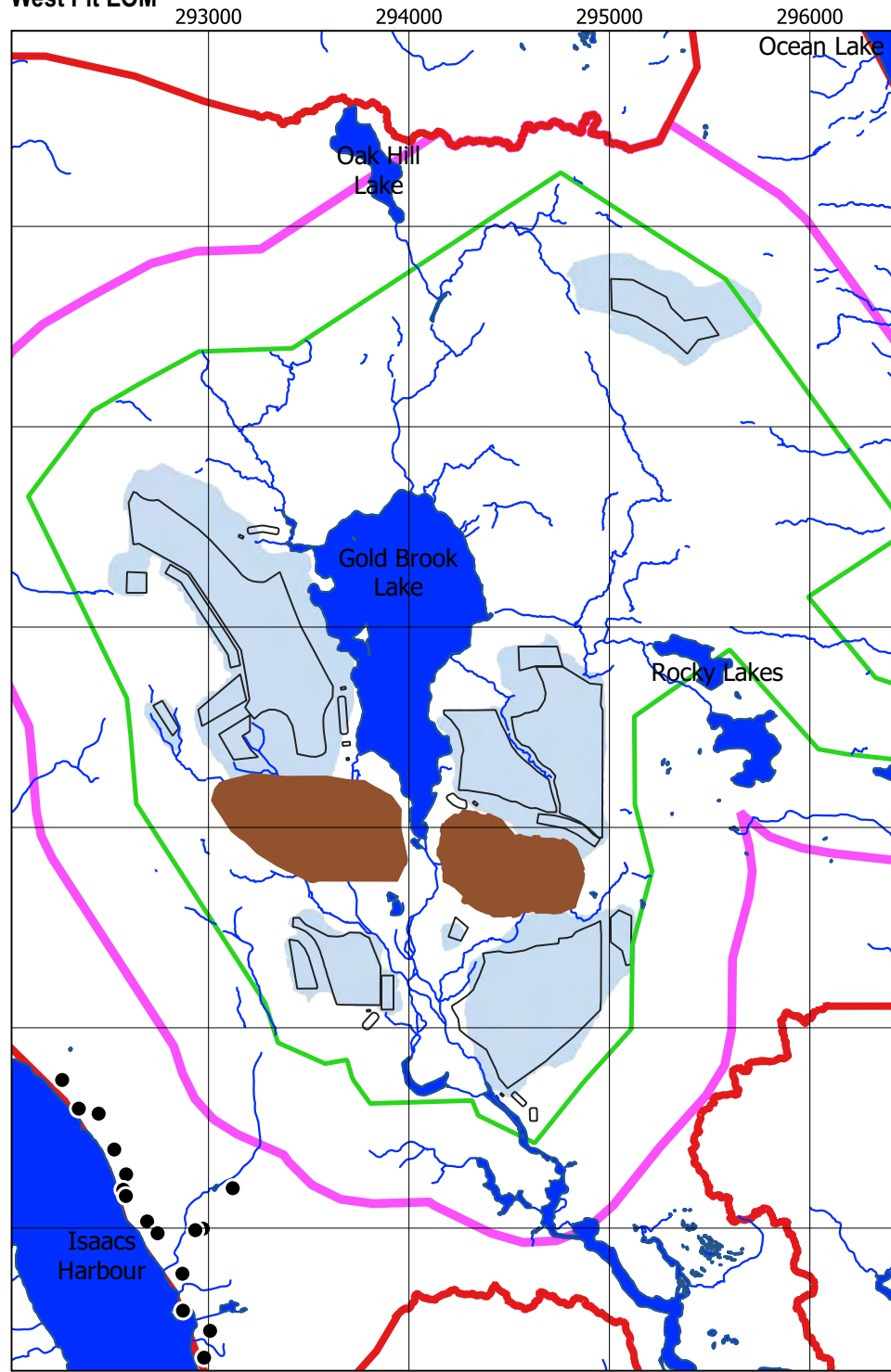
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.38

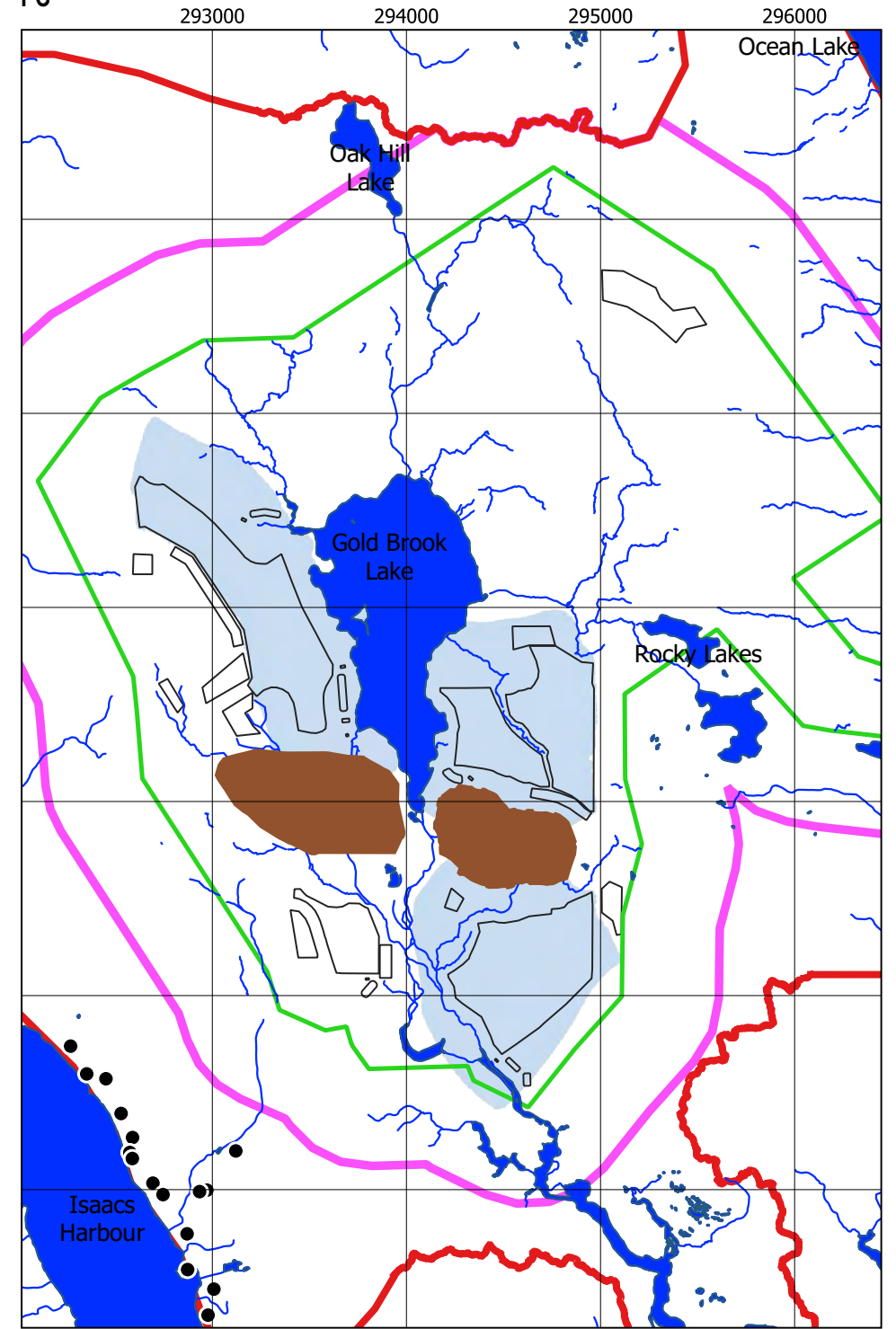
East Pit EOM



West Pit EOM

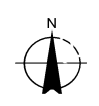
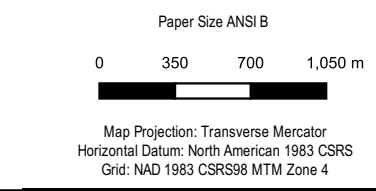


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 1.0 - 100.0
- ▭ 100.0 - 1000.0
- ▭ 1000.0 - 10000.0
- ▭ > 10000.0



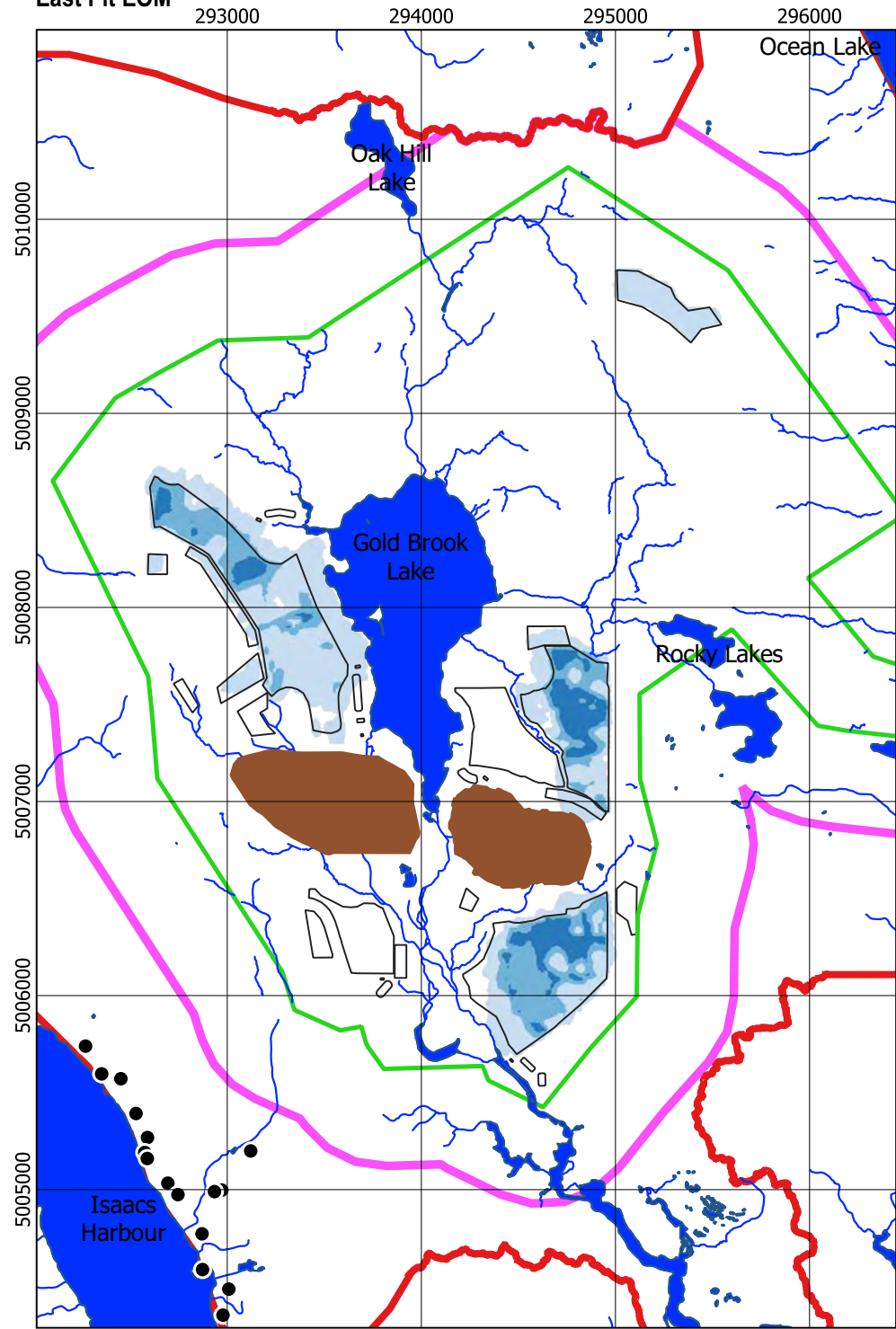
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED BARIUM
 CONCENTRATION VERSUS PSS**

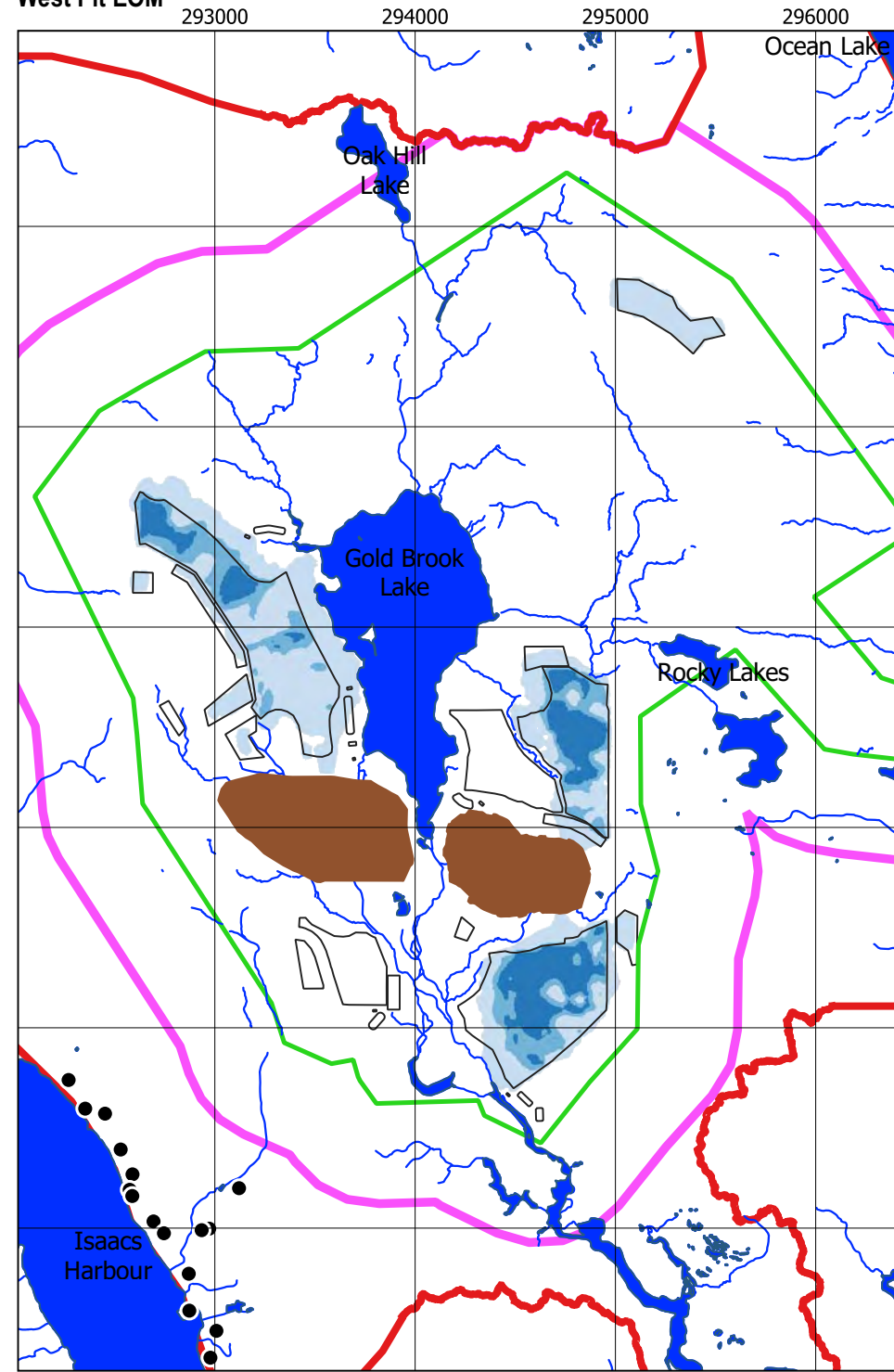
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.39

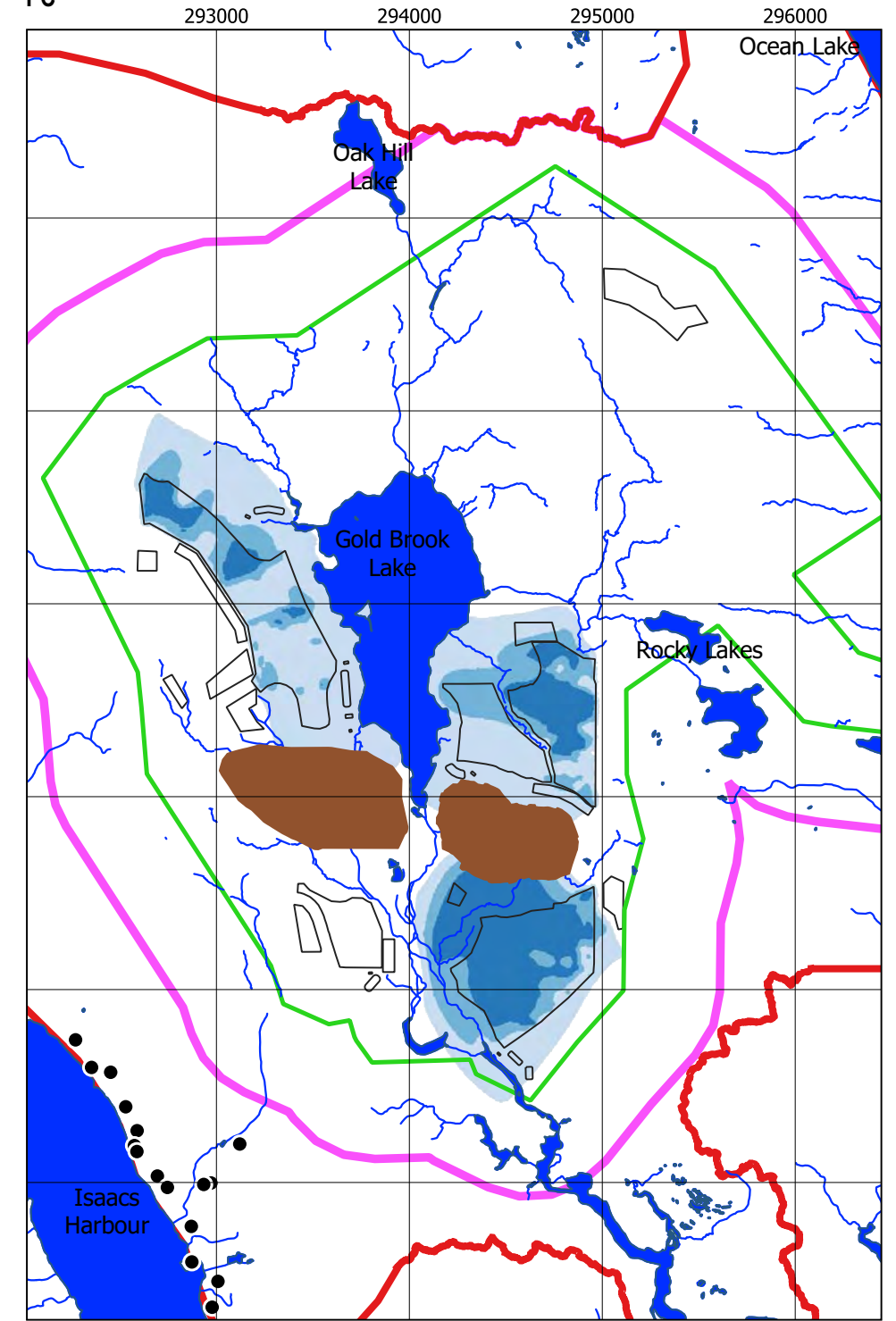
East Pit EOM



West Pit EOM

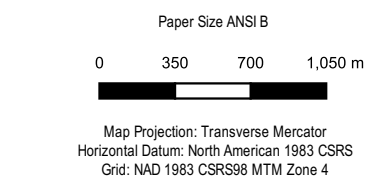


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.060 - 0.500
- ▭ 0.500 - 0.800
- ▭ 0.800 - 1.500
- ▭ > 1.500



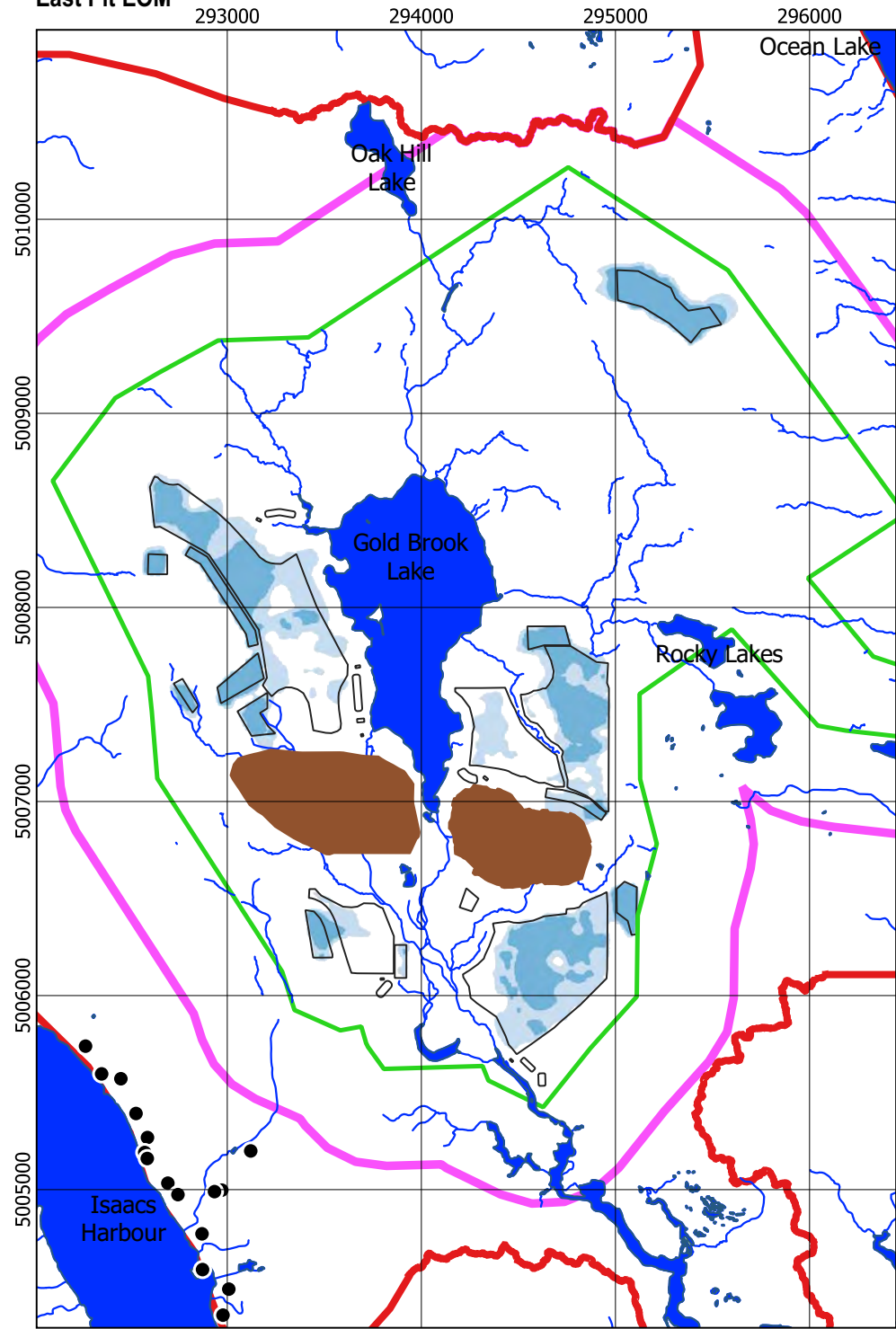
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED BERYLLIUM
 CONCENTRATION VERSUS PSS**

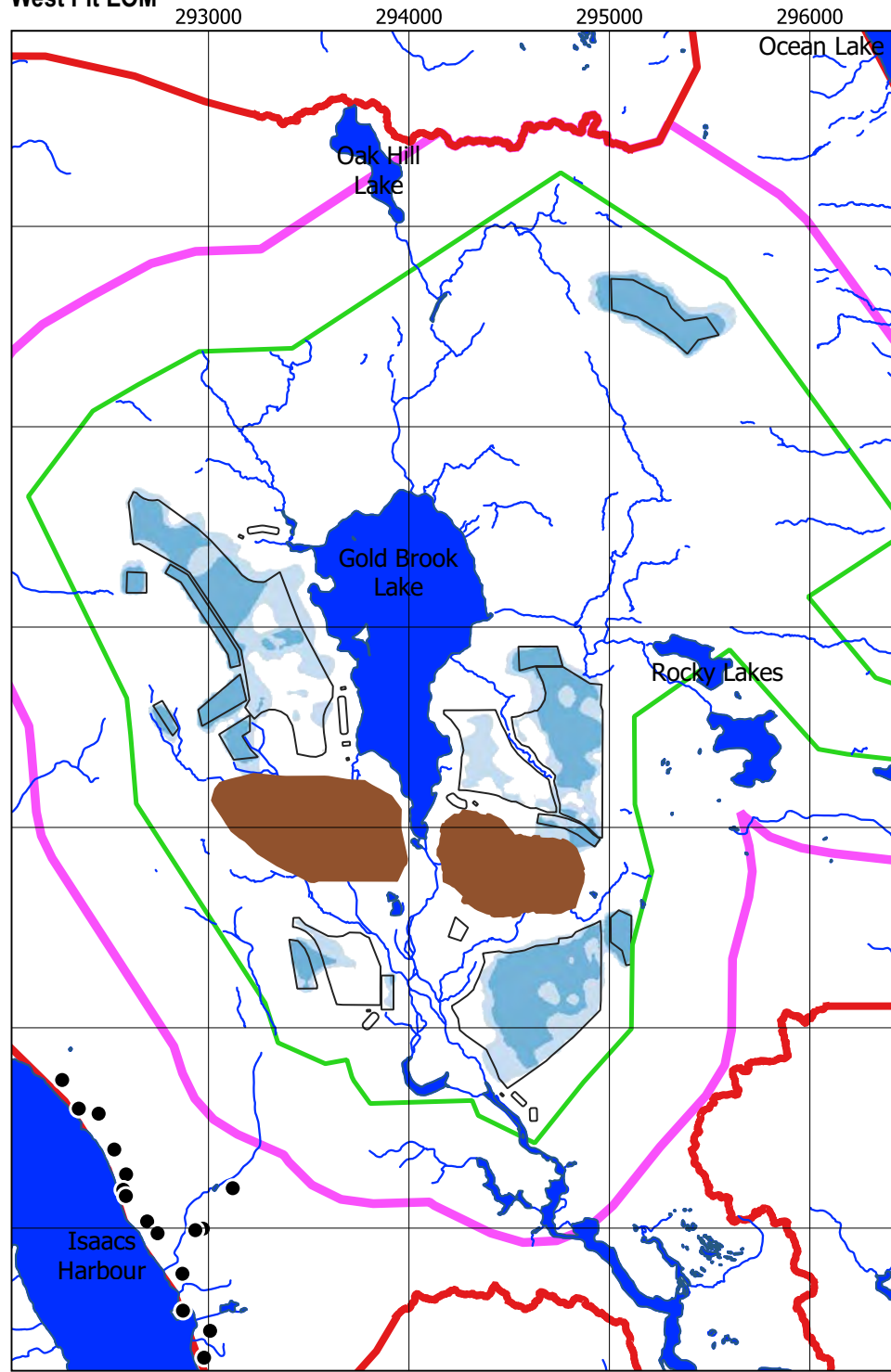
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.40

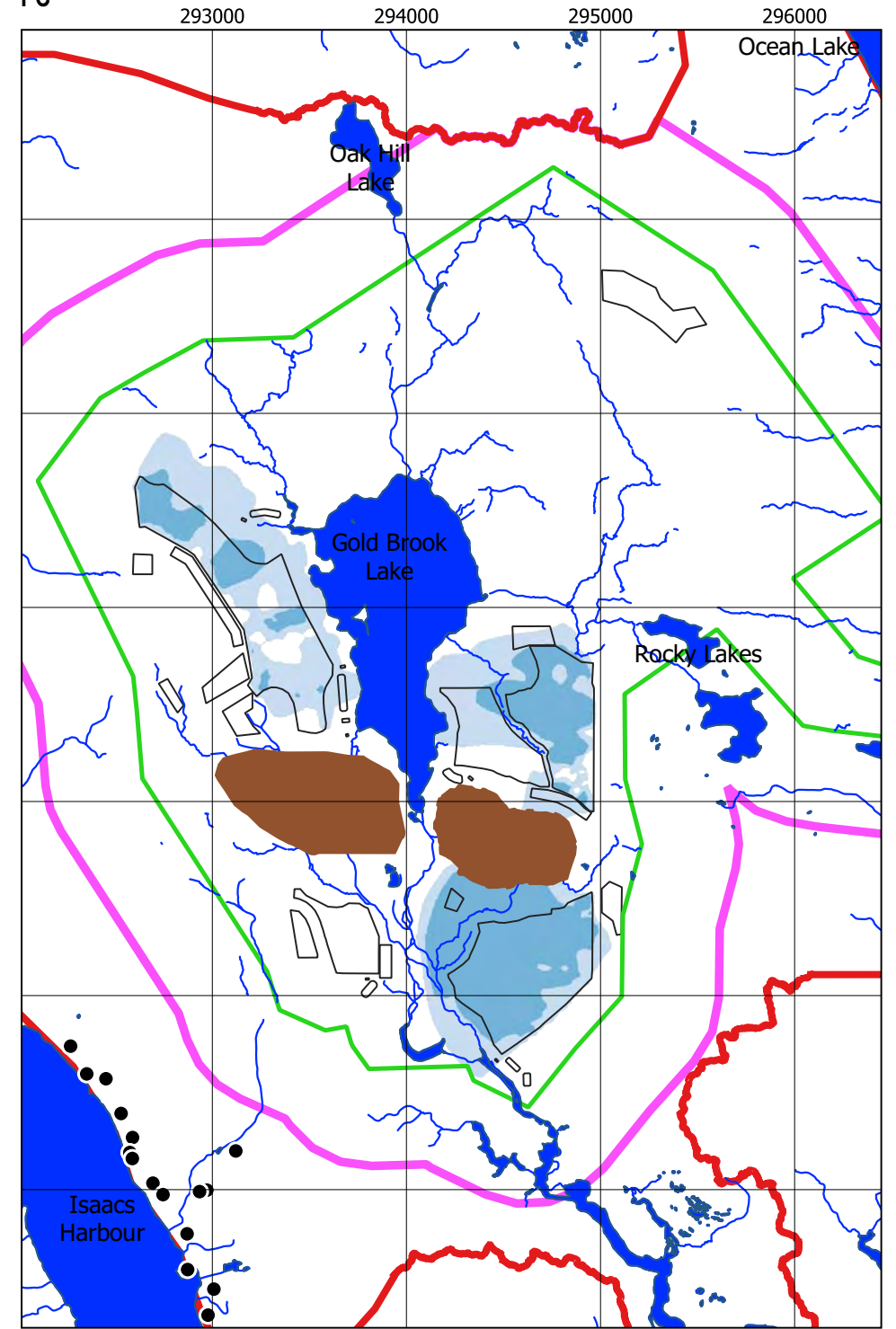
East Pit EOM



West Pit EOM

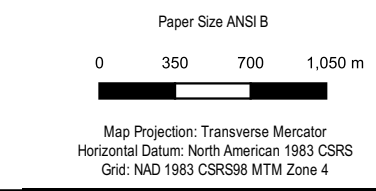


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.0190 - 0.0500
- ▭ 0.0500 - 0.3000
- ▭ 0.3000 - 0.9000
- ▭ > 0.9000



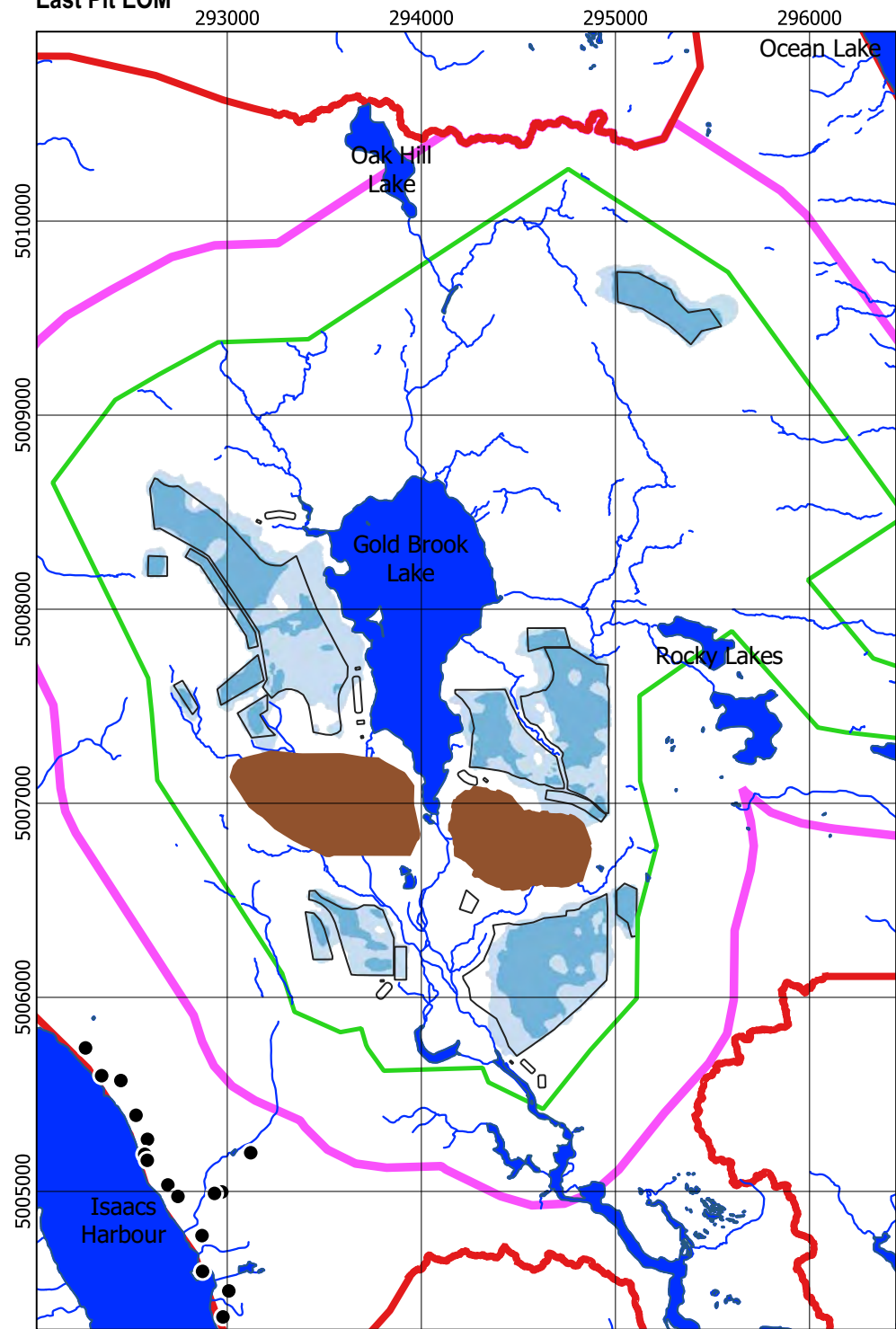
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED CADMIUM
 CONCENTRATION VERSUS PSS**

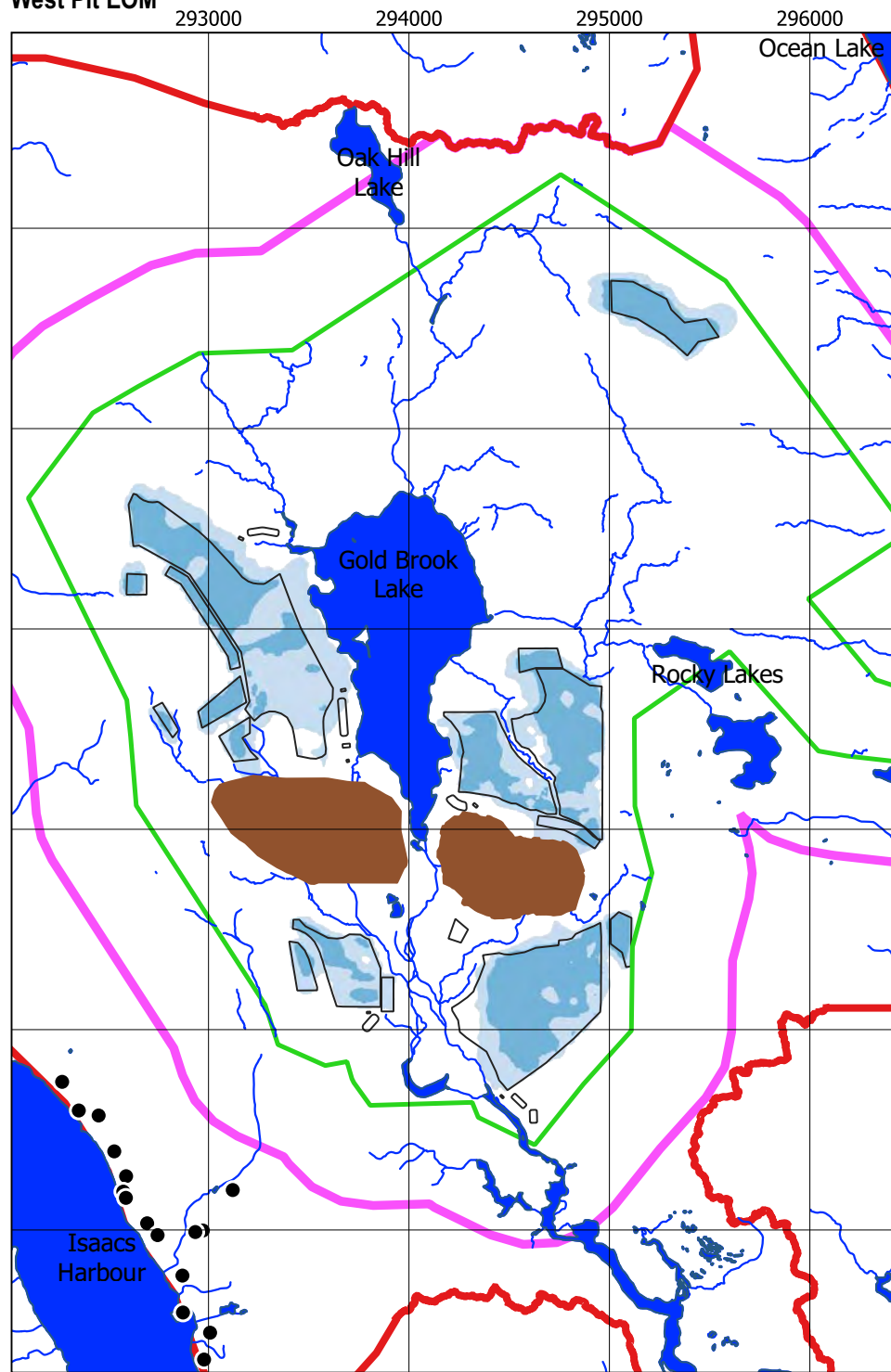
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.41

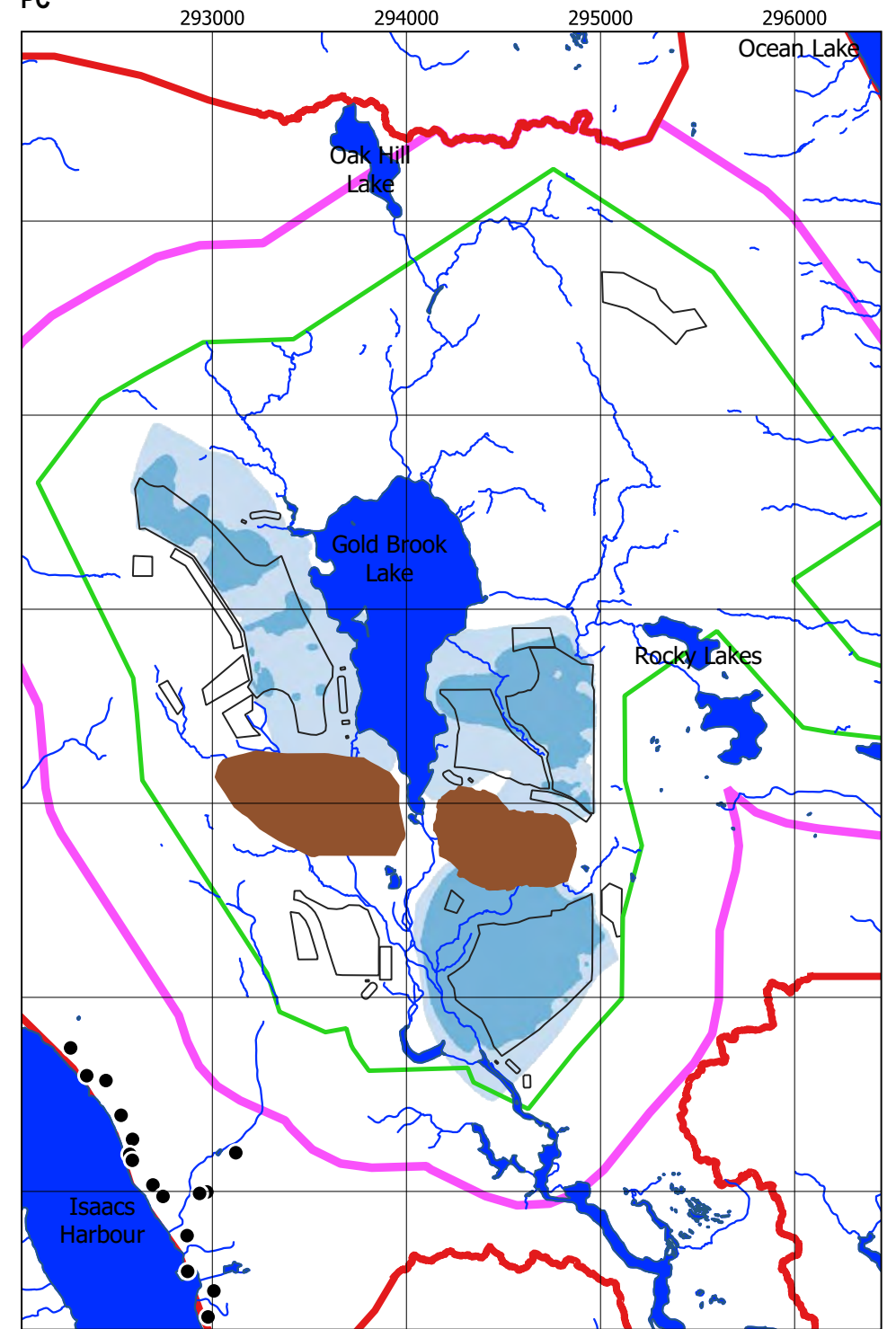
East Pit EOM



West Pit EOM

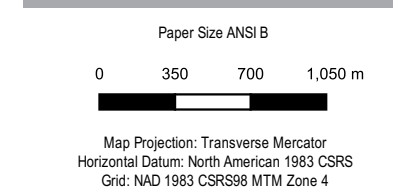


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.2 - 1.0
- ▭ 1.0 - 50.0
- ▭ 50.0 - 89.0
- ▭ > 89.0



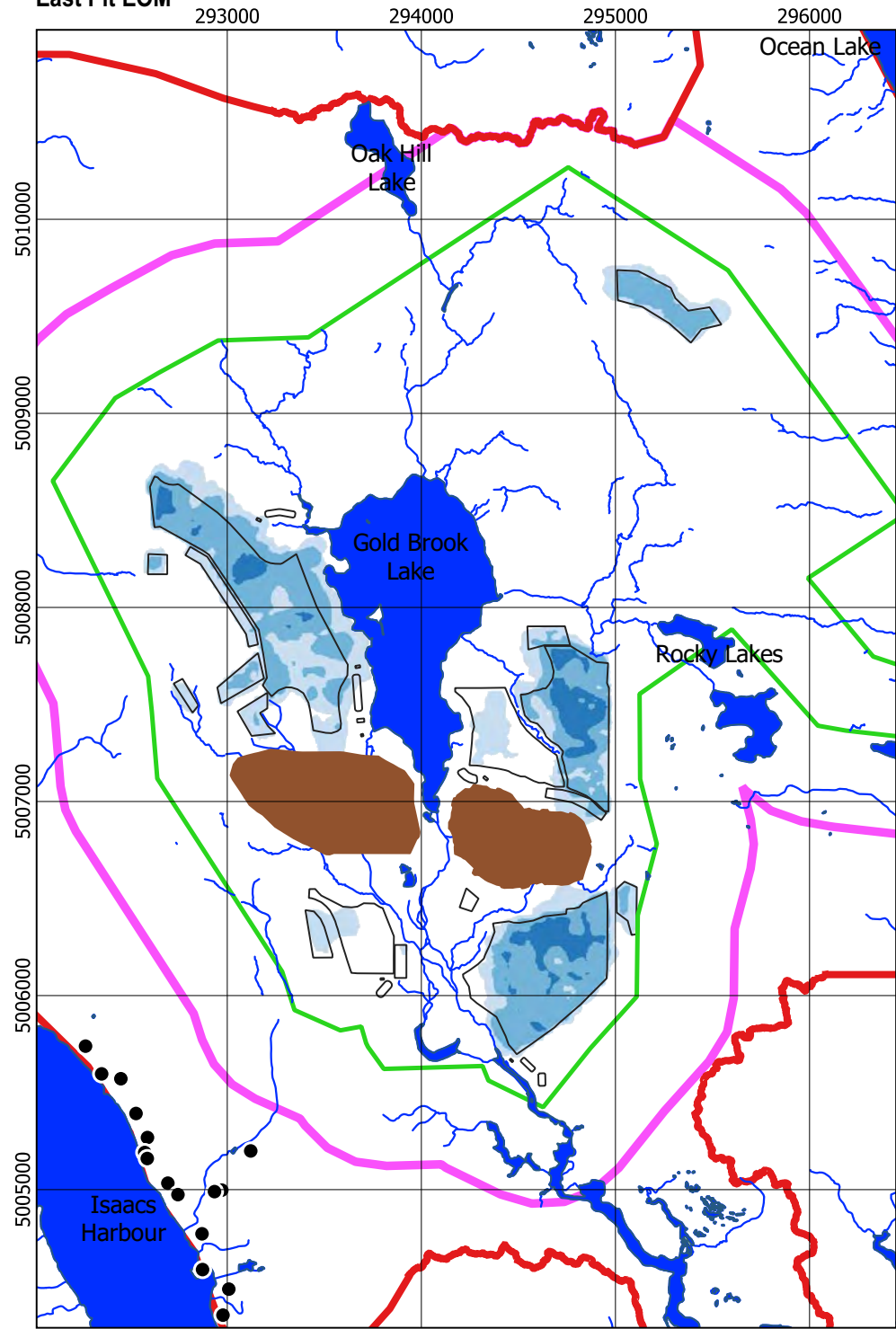
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED CHROMIUM
 CONCENTRATION VERSUS PSS**

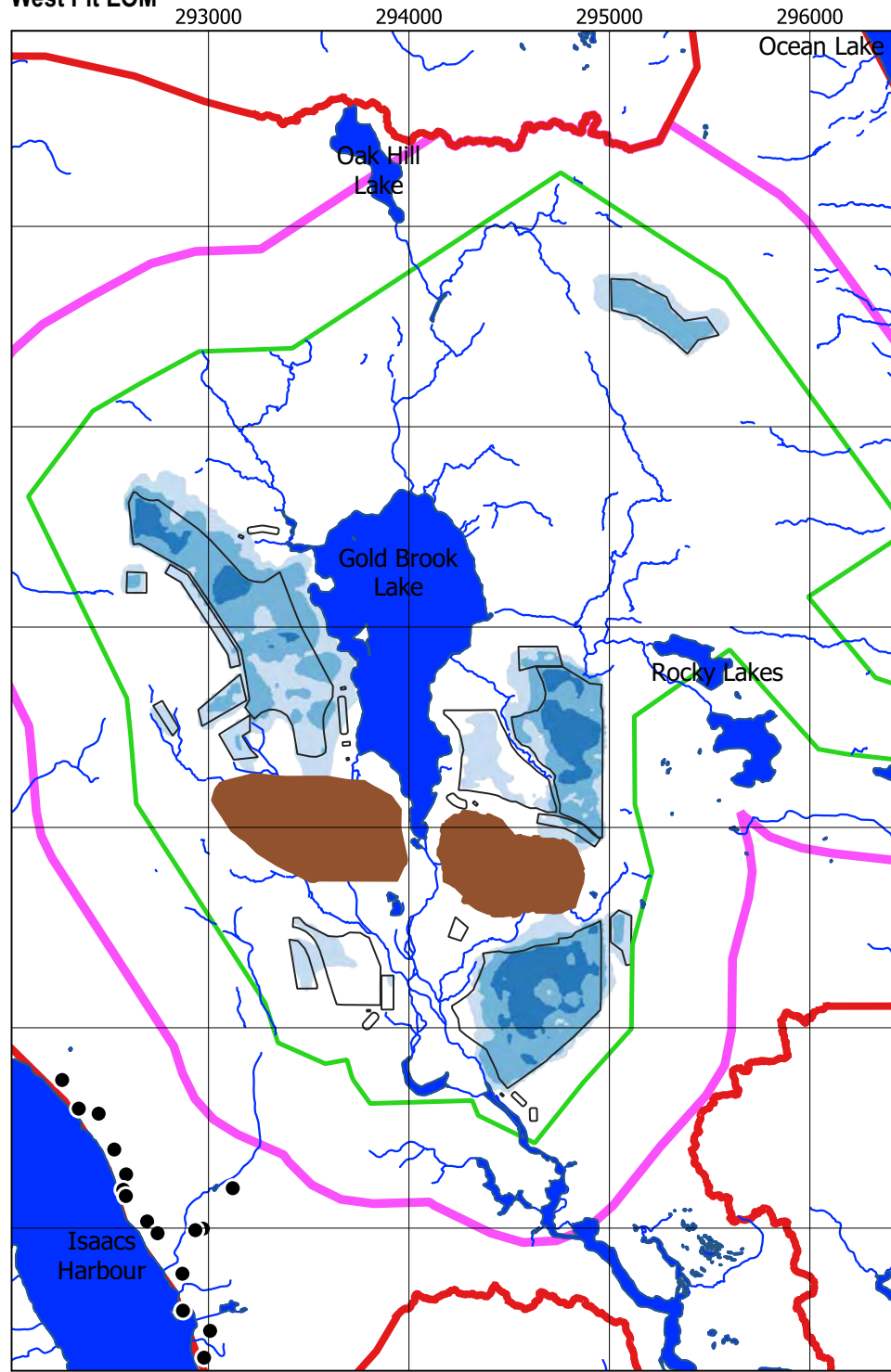
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.42

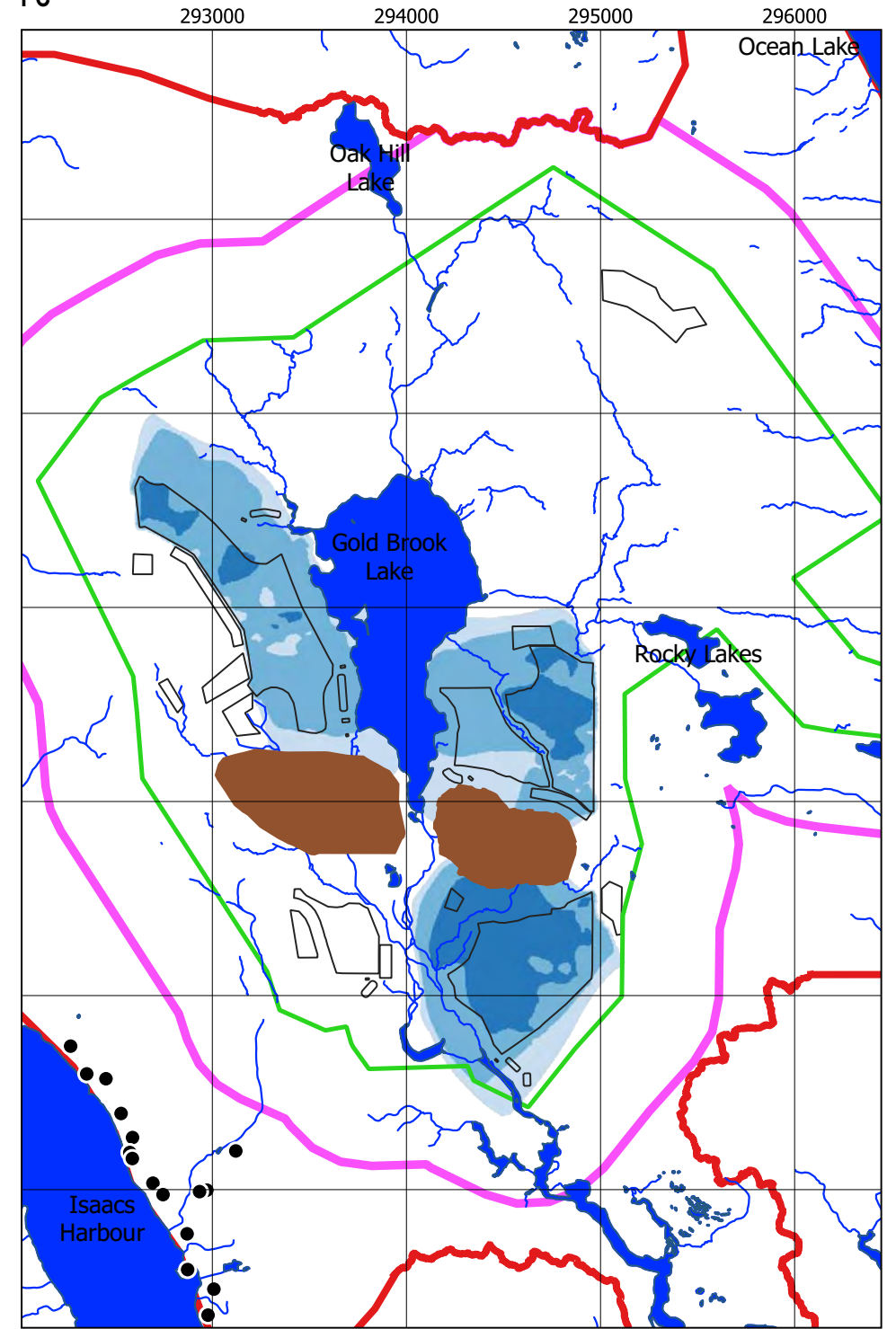
East Pit EOM



West Pit EOM

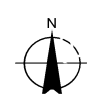
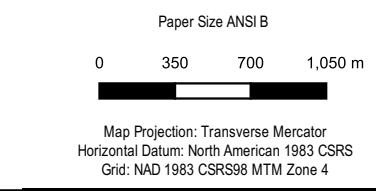


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.2 - 1.0
- ▭ 1.0 - 4.0
- ▭ 4.0 - 40.0
- ▭ > 40.0



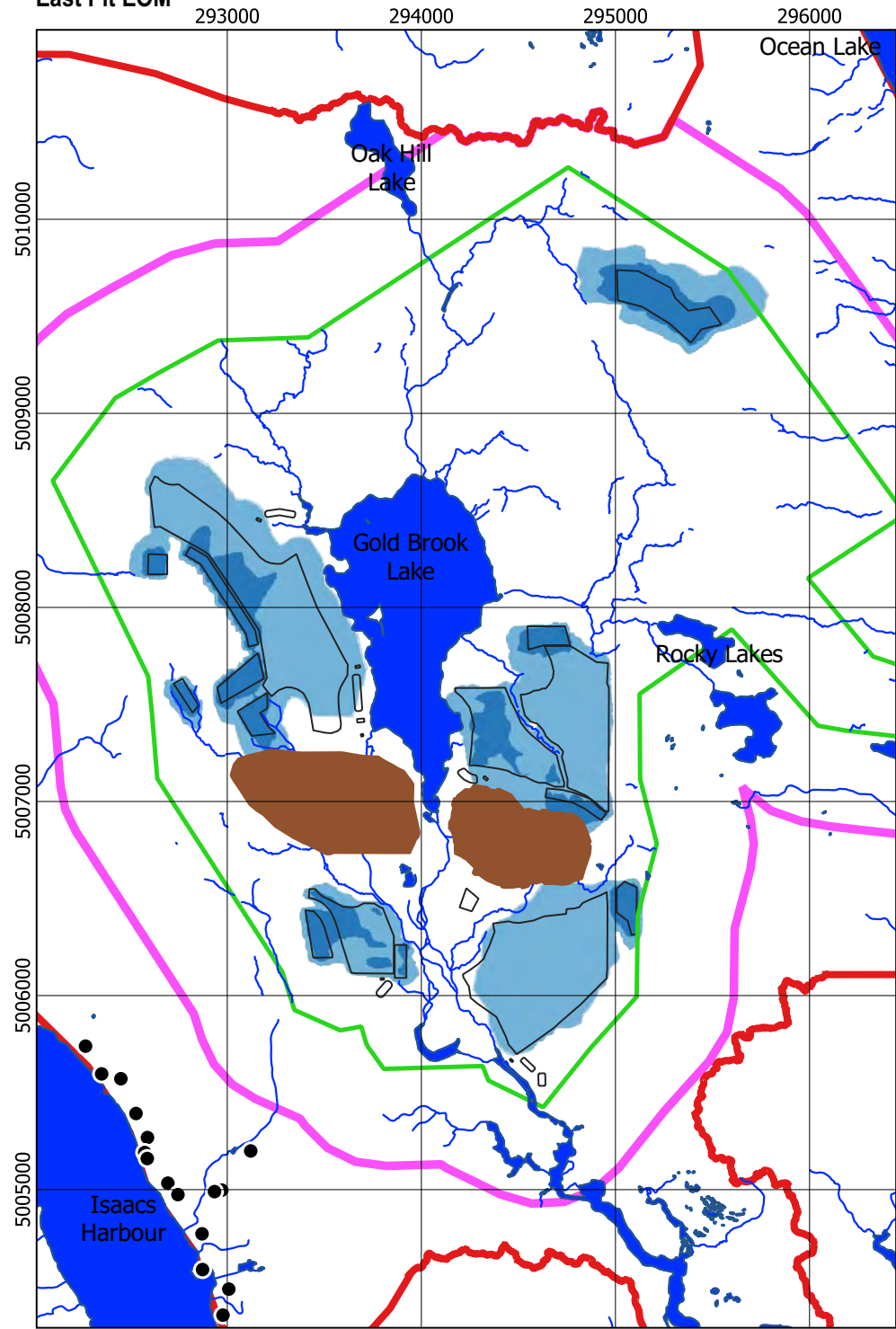
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED COBALT
 CONCENTRATION VERSUS PSS**

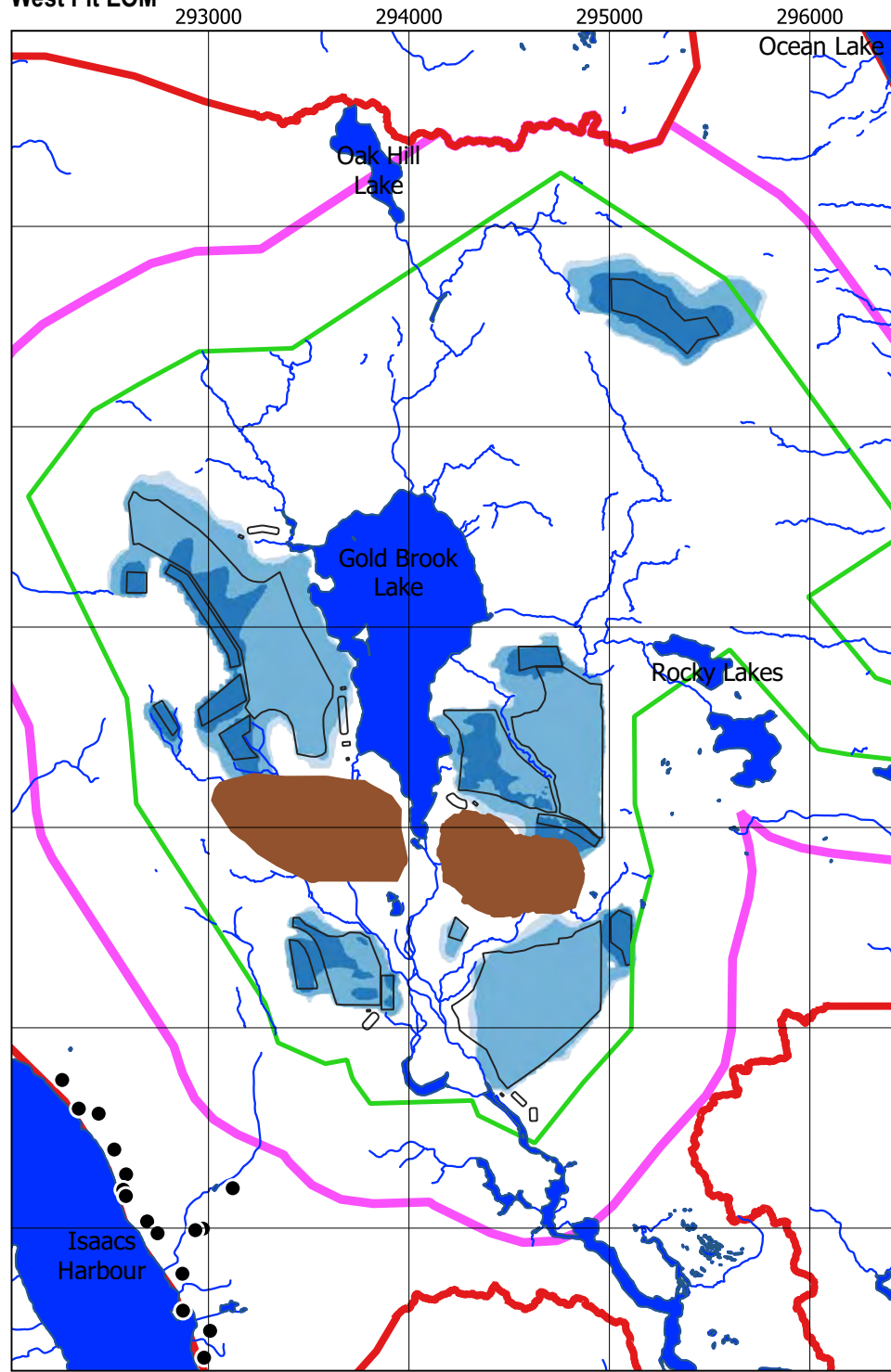
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.43

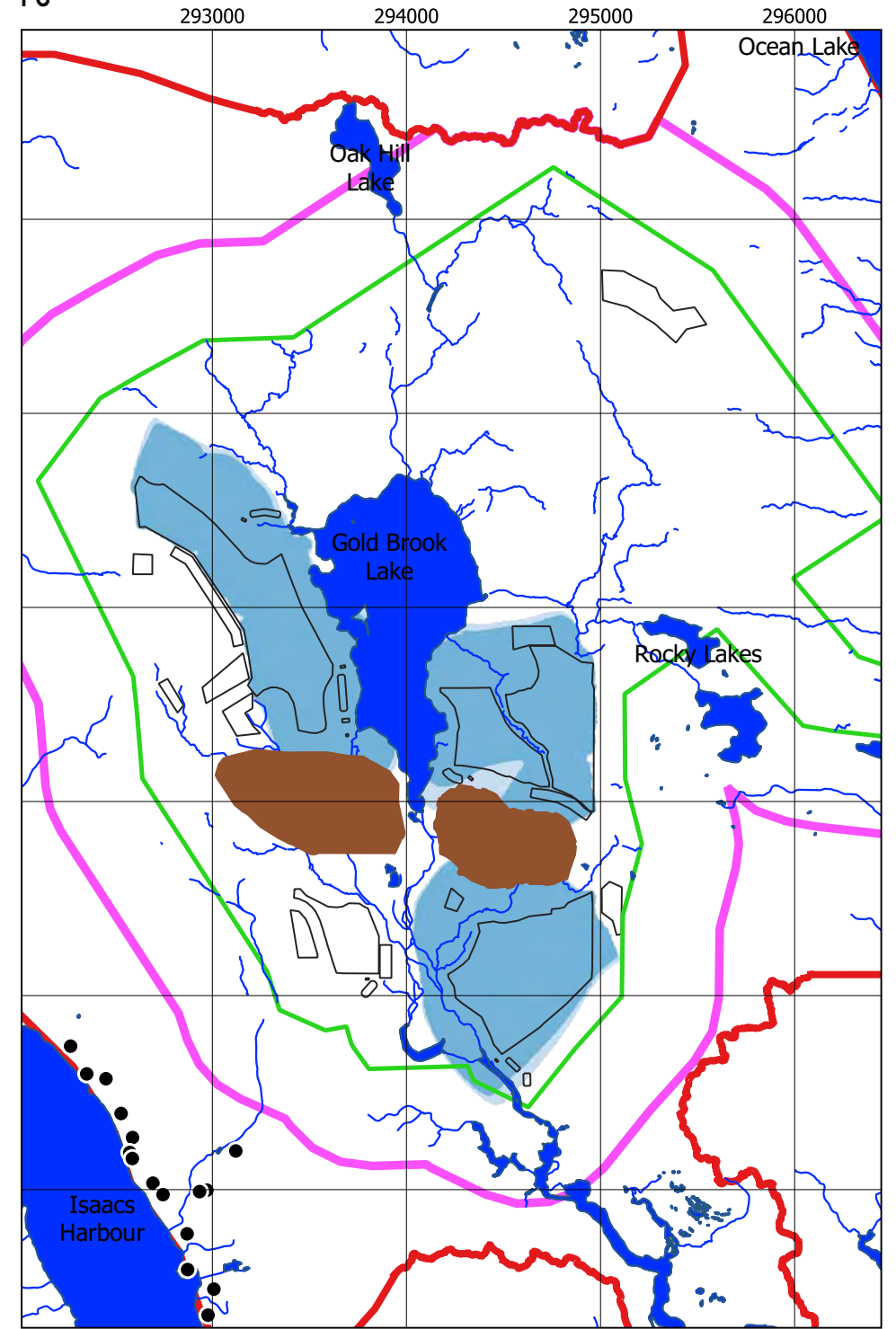
East Pit EOM



West Pit EOM

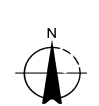
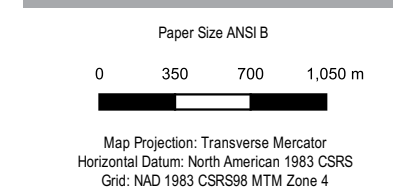


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- 0.060 - 0.100
- 0.100 - 1.000
- 1.000 - 20.000
- > 20.000



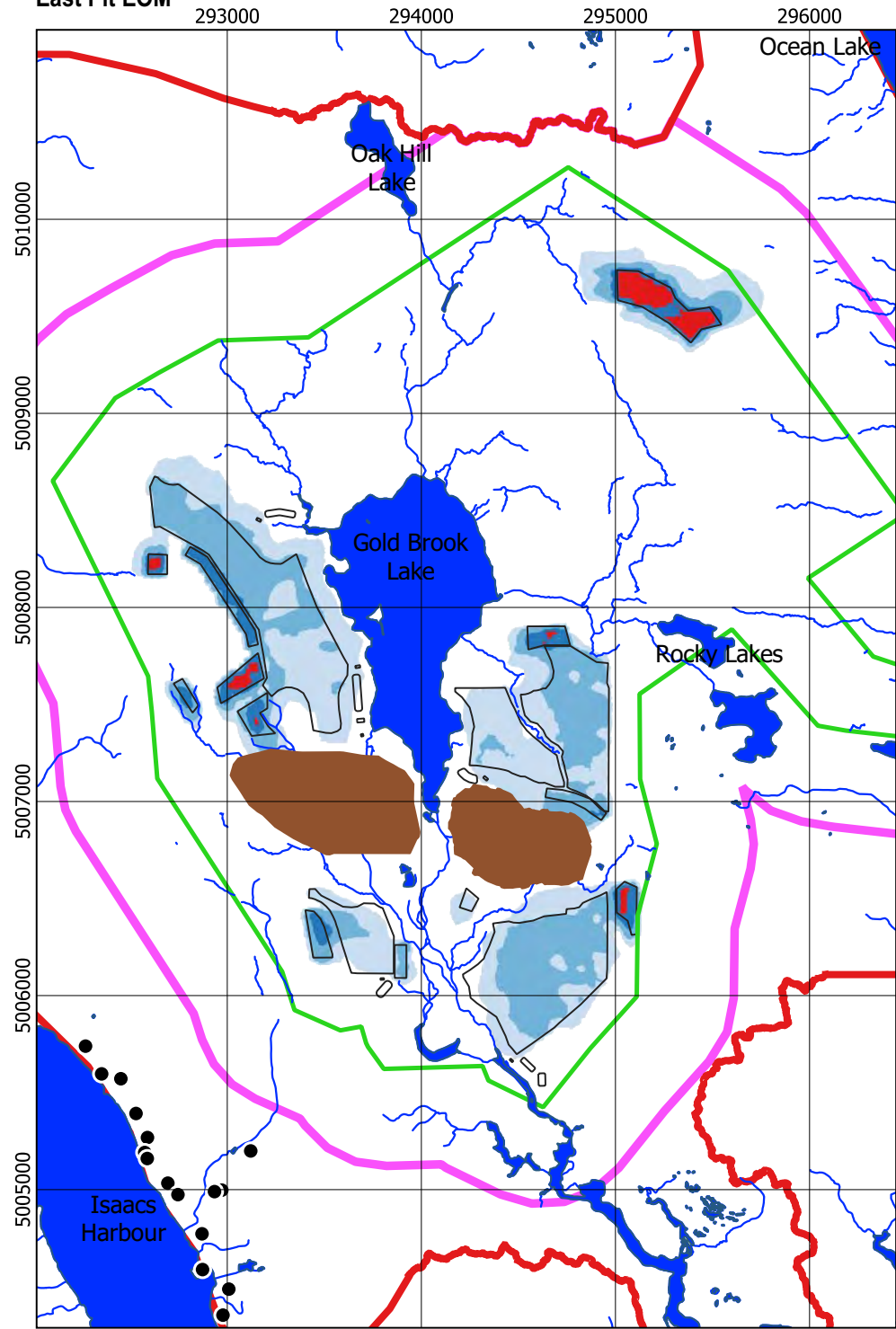
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED COPPER
 CONCENTRATION VERSUS PSS**

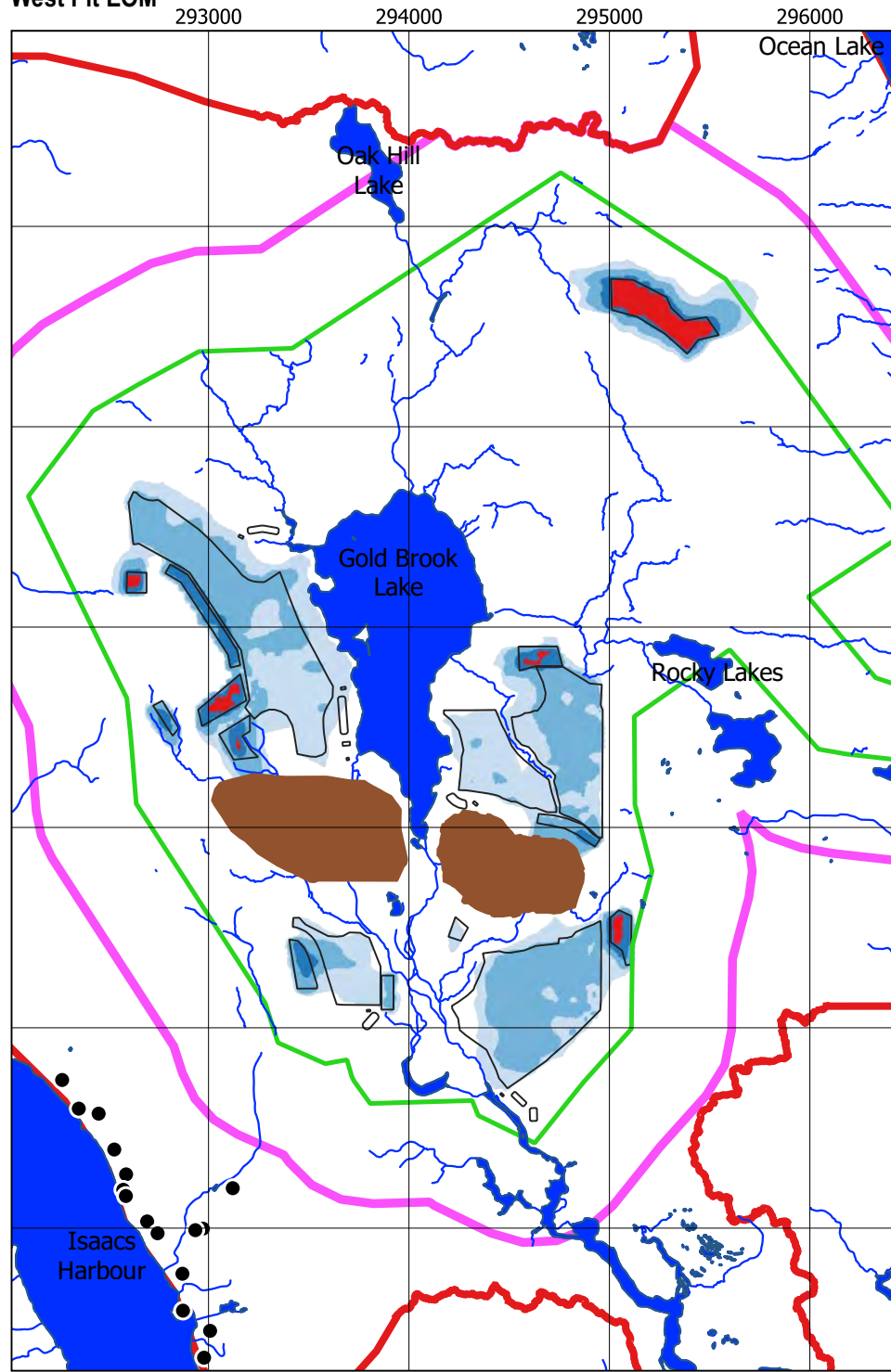
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.44

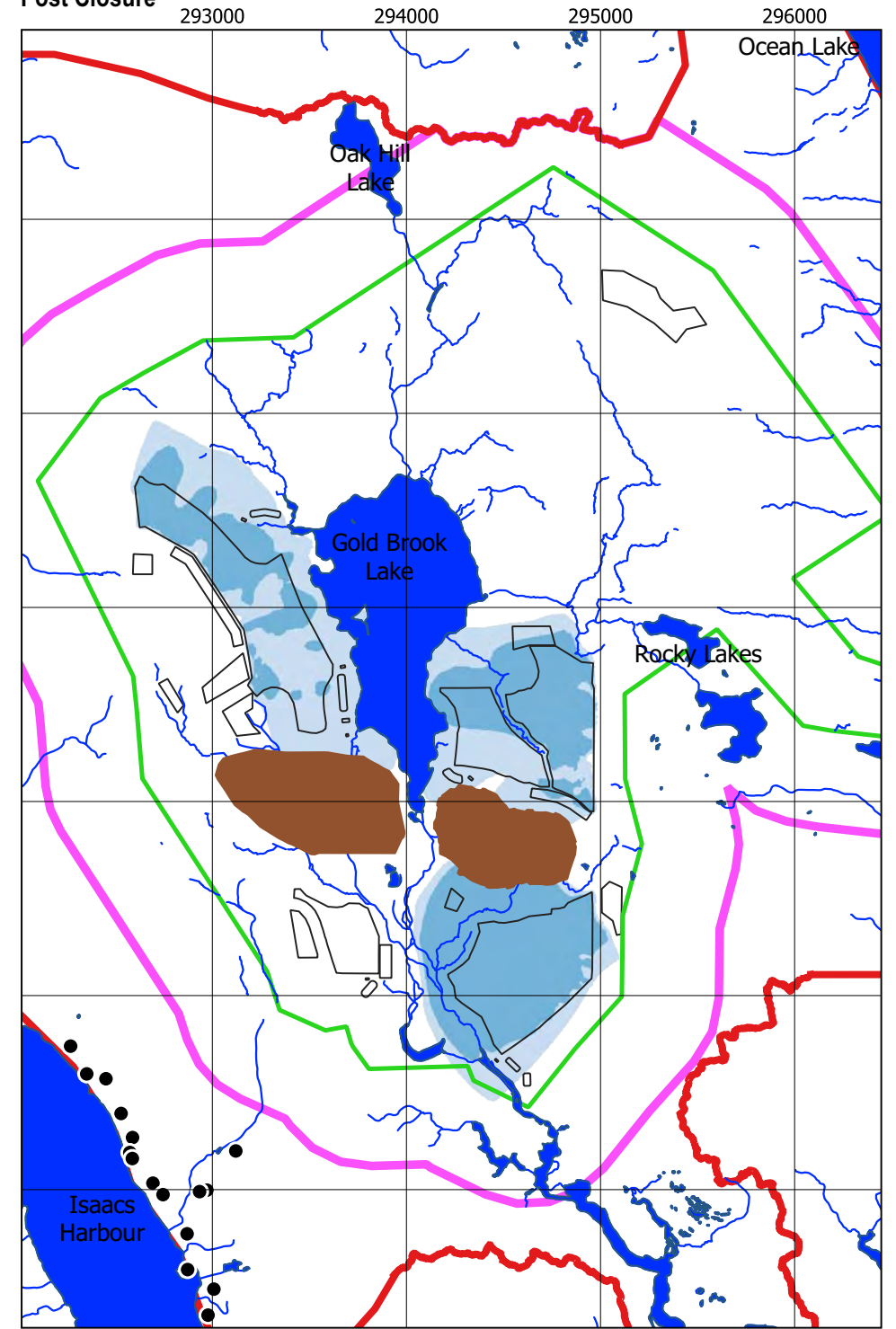
East Pit EOM



West Pit EOM

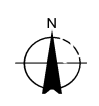
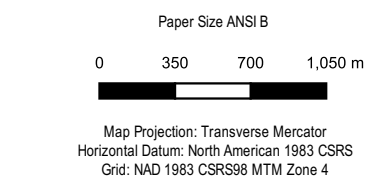


Post Closure



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration (µg/l)
- ▭ 0.20 - 0.90
- ▭ 0.90 - 5.00
- ▭ 5.00 - 10.00
- ▭ > 10.00



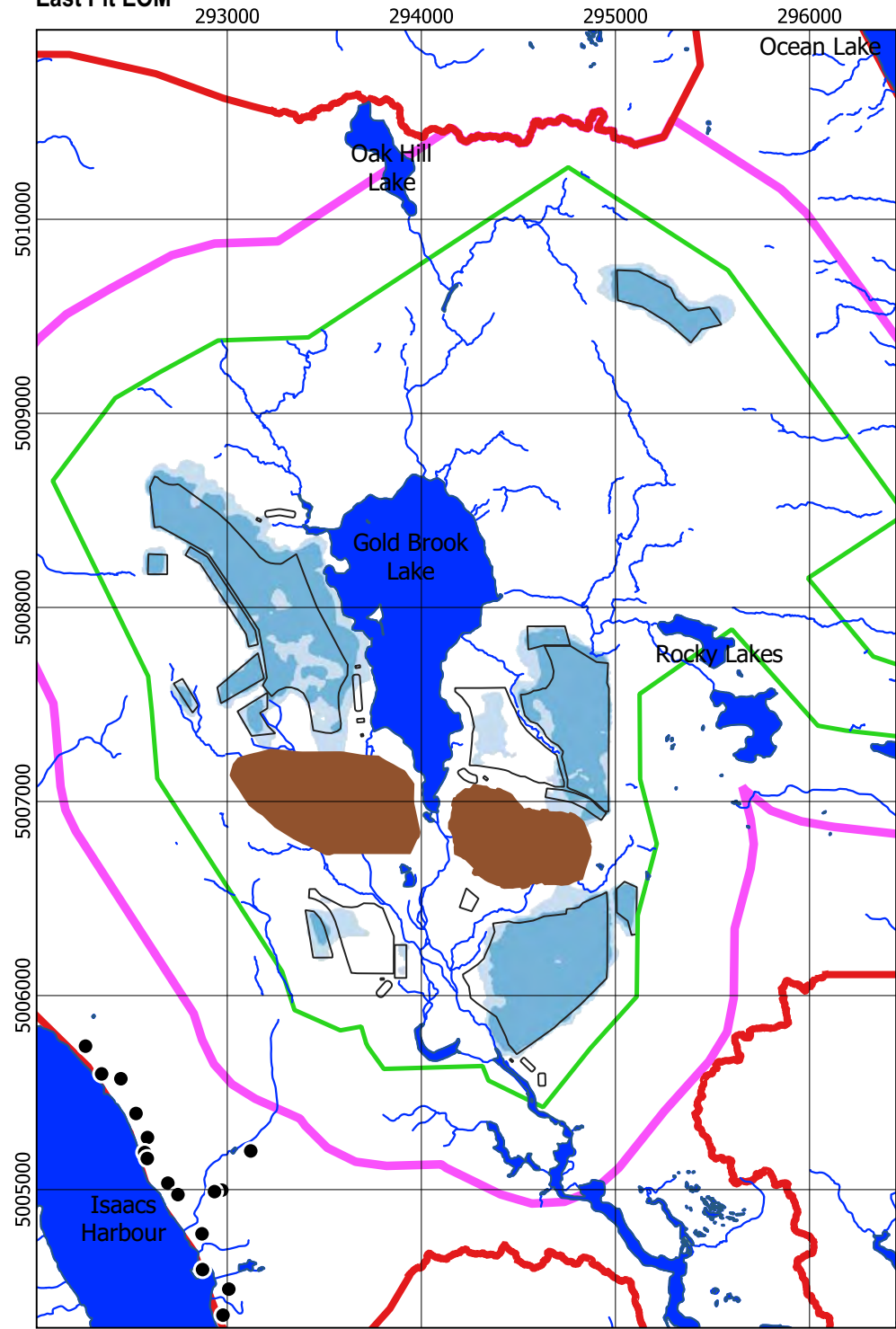
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED LEAD
 CONCENTRATION VERSUS PSS**

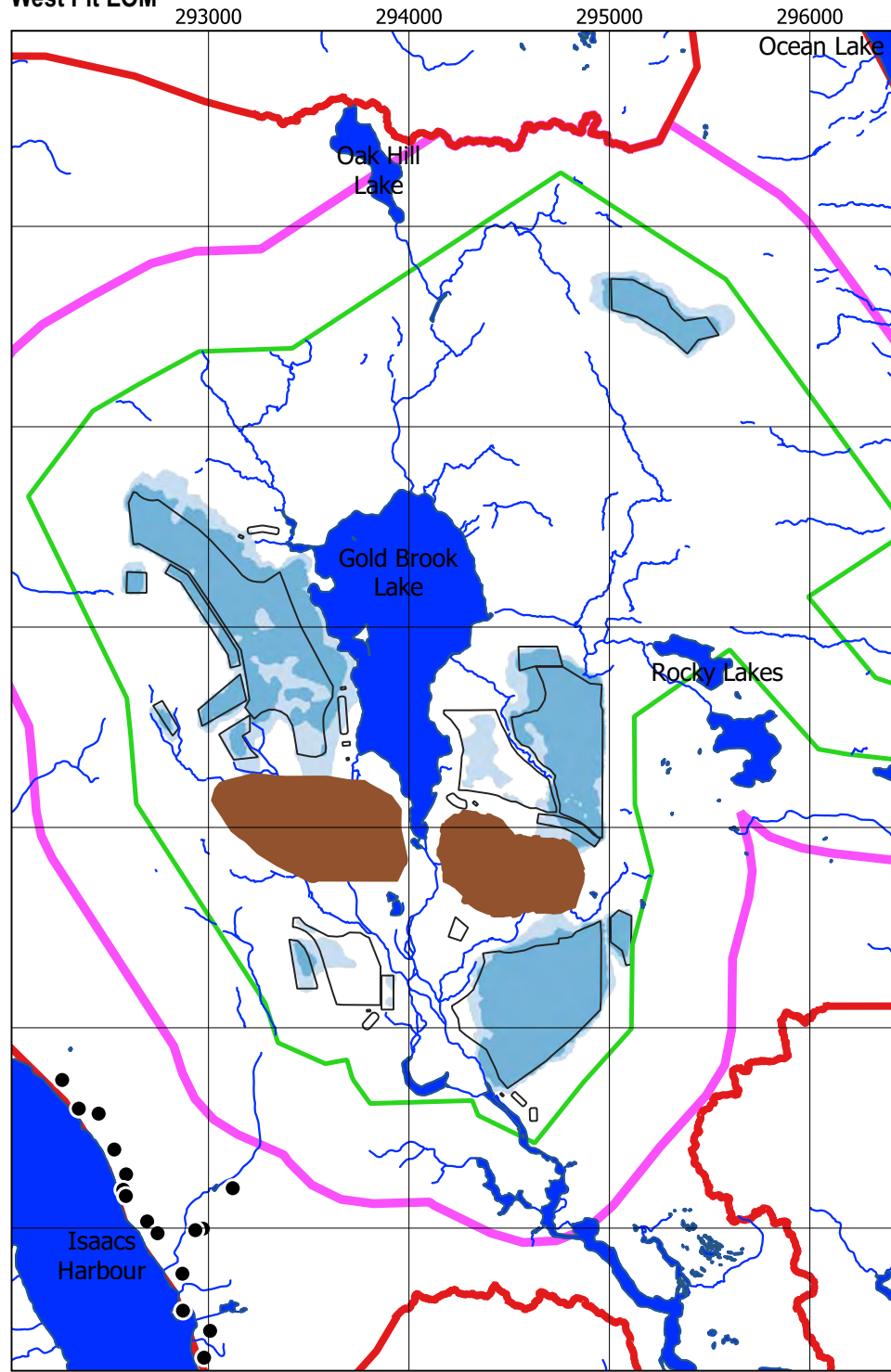
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.46

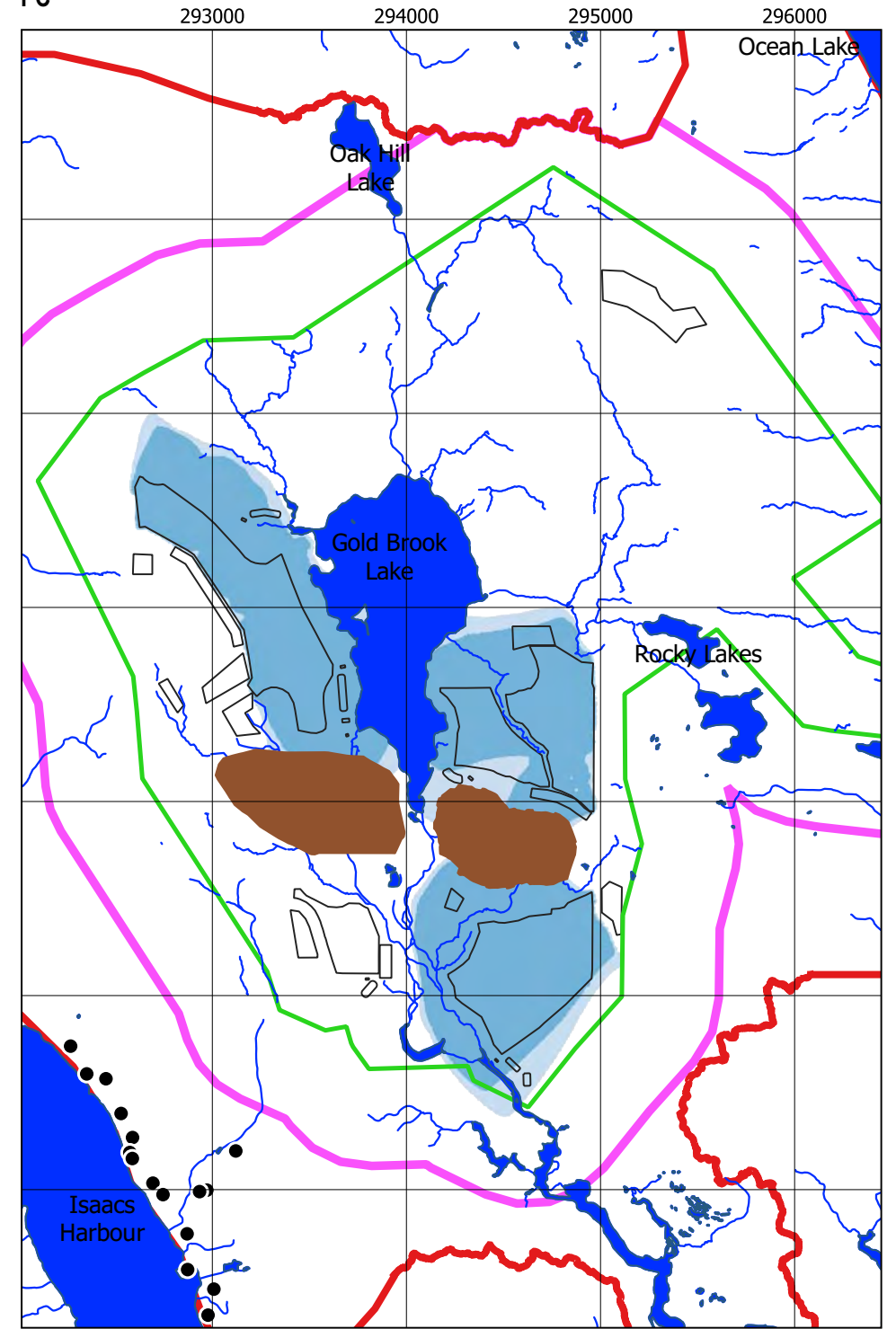
East Pit EOM



West Pit EOM

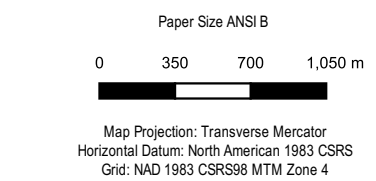


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- 11.0 - 43.0
- 43.0 - 430.0
- 430.0 - 4300.0
- > 4300.0



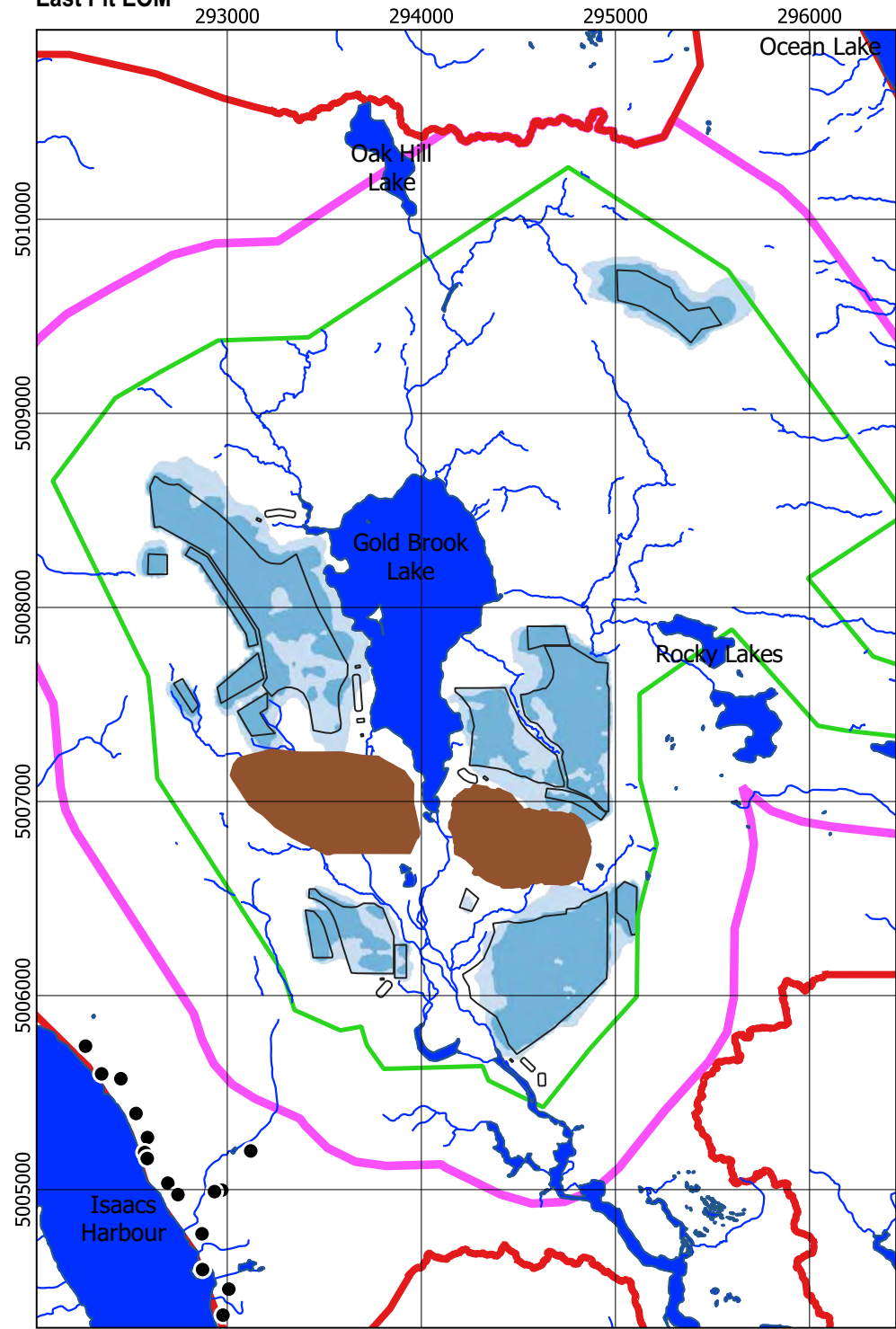
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED MANGANESE
 CONCENTRATION VERSUS PSS**

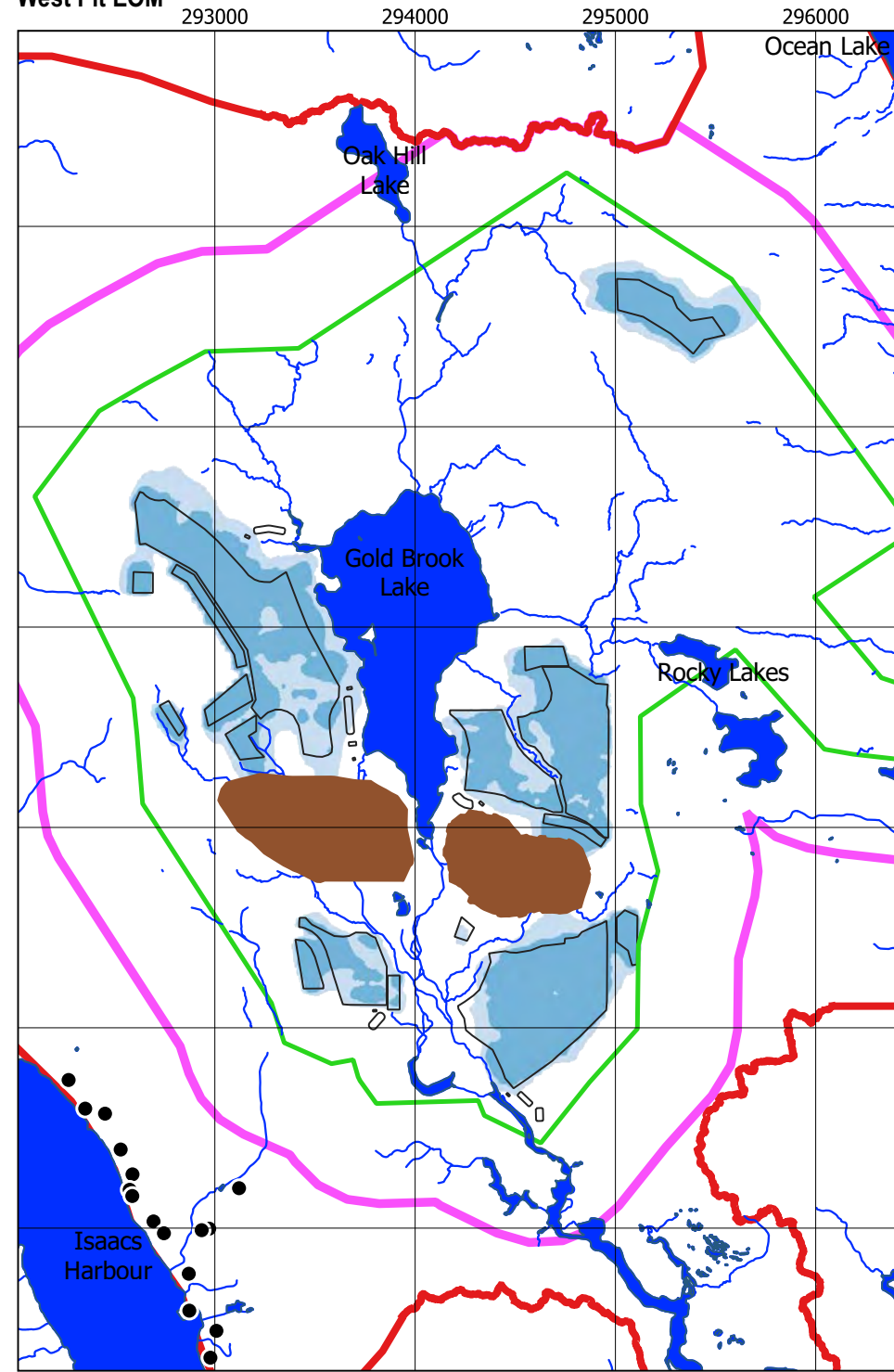
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.47

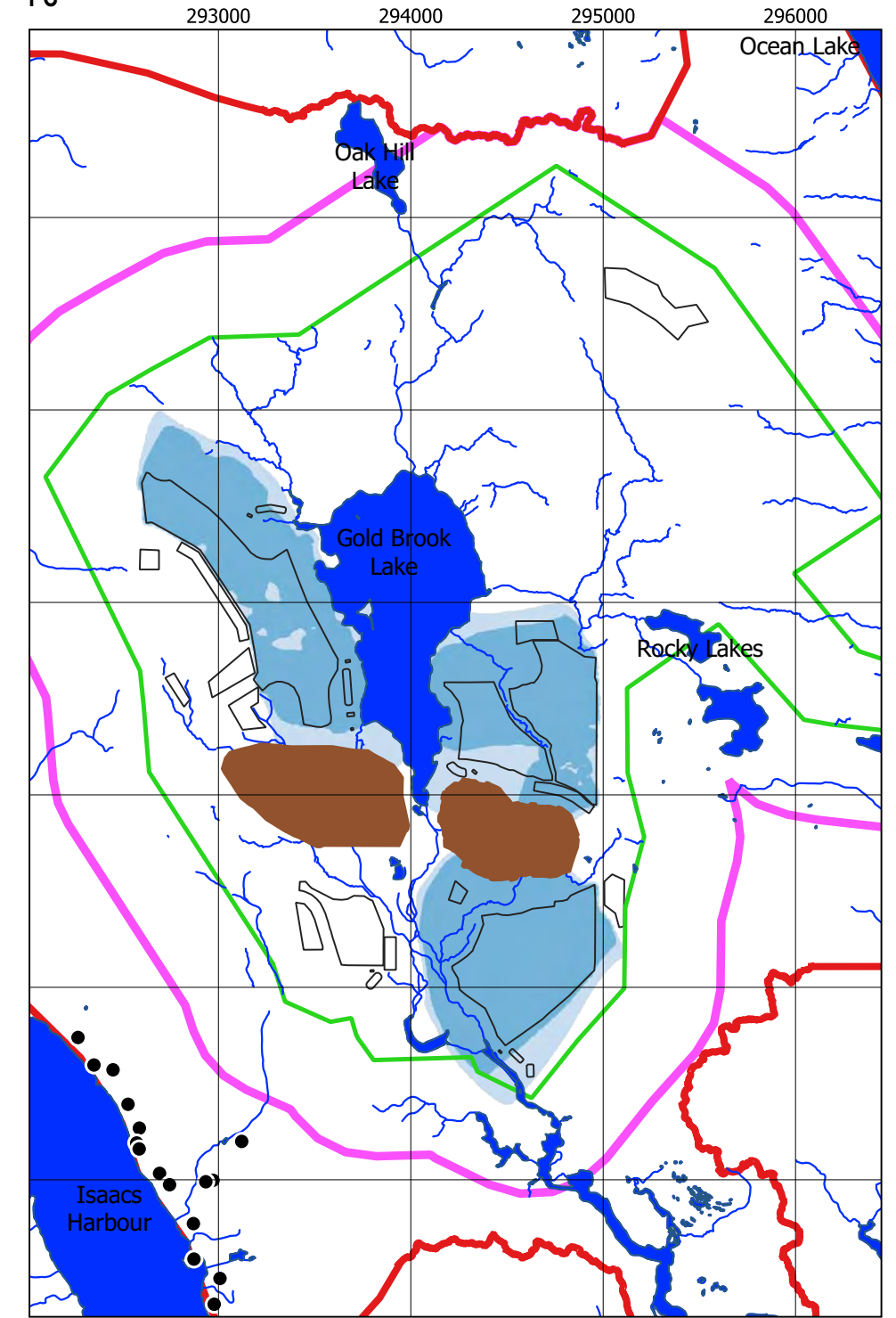
East Pit EOM



West Pit EOM

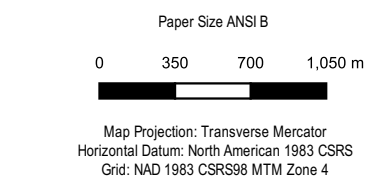


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.0006 - 0.0026
- ▭ 0.0026 - 0.0260
- ▭ 0.0260 - 0.2600
- ▭ > 0.2600



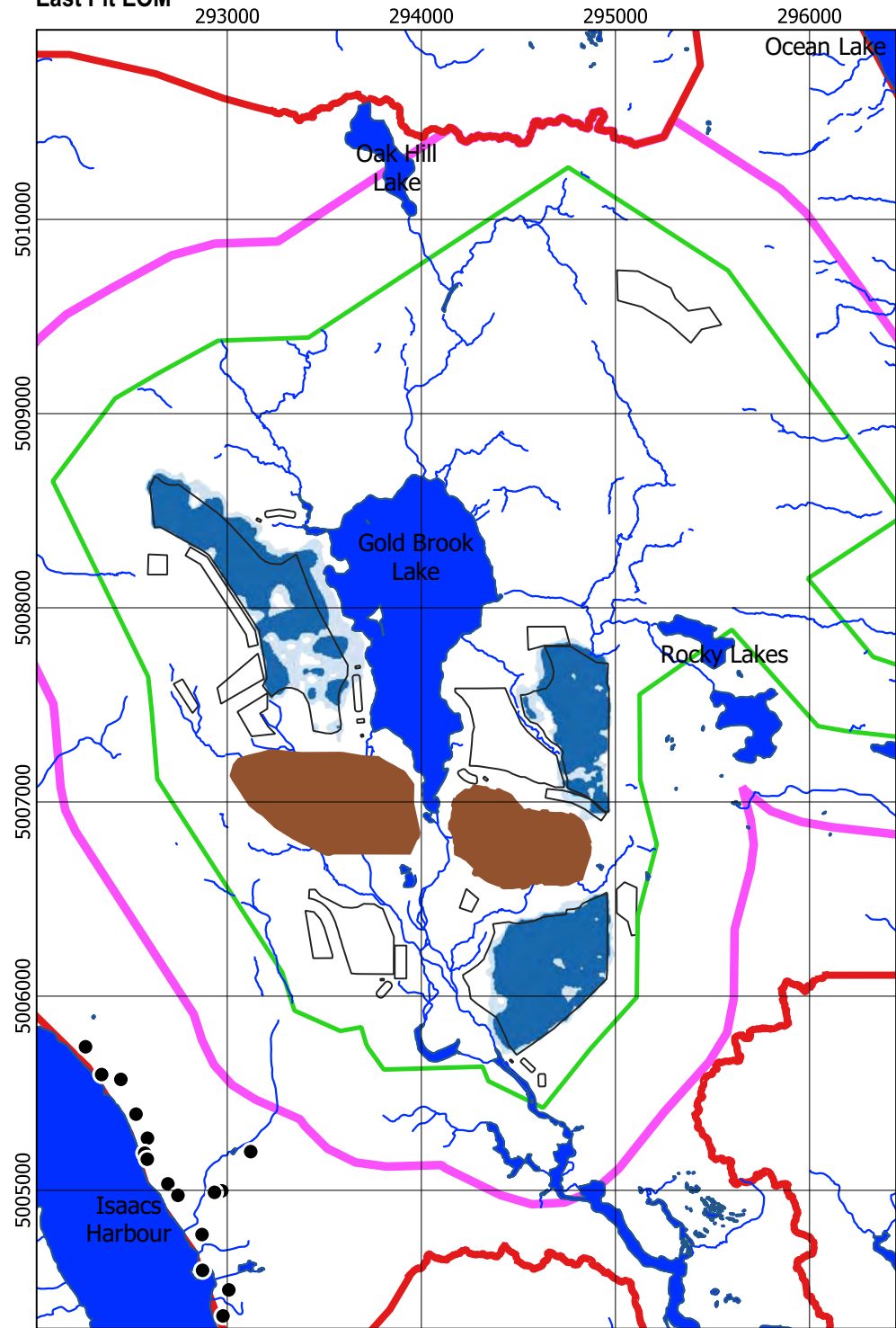
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED MERCURY
 CONCENTRATION VERSUS PSS**

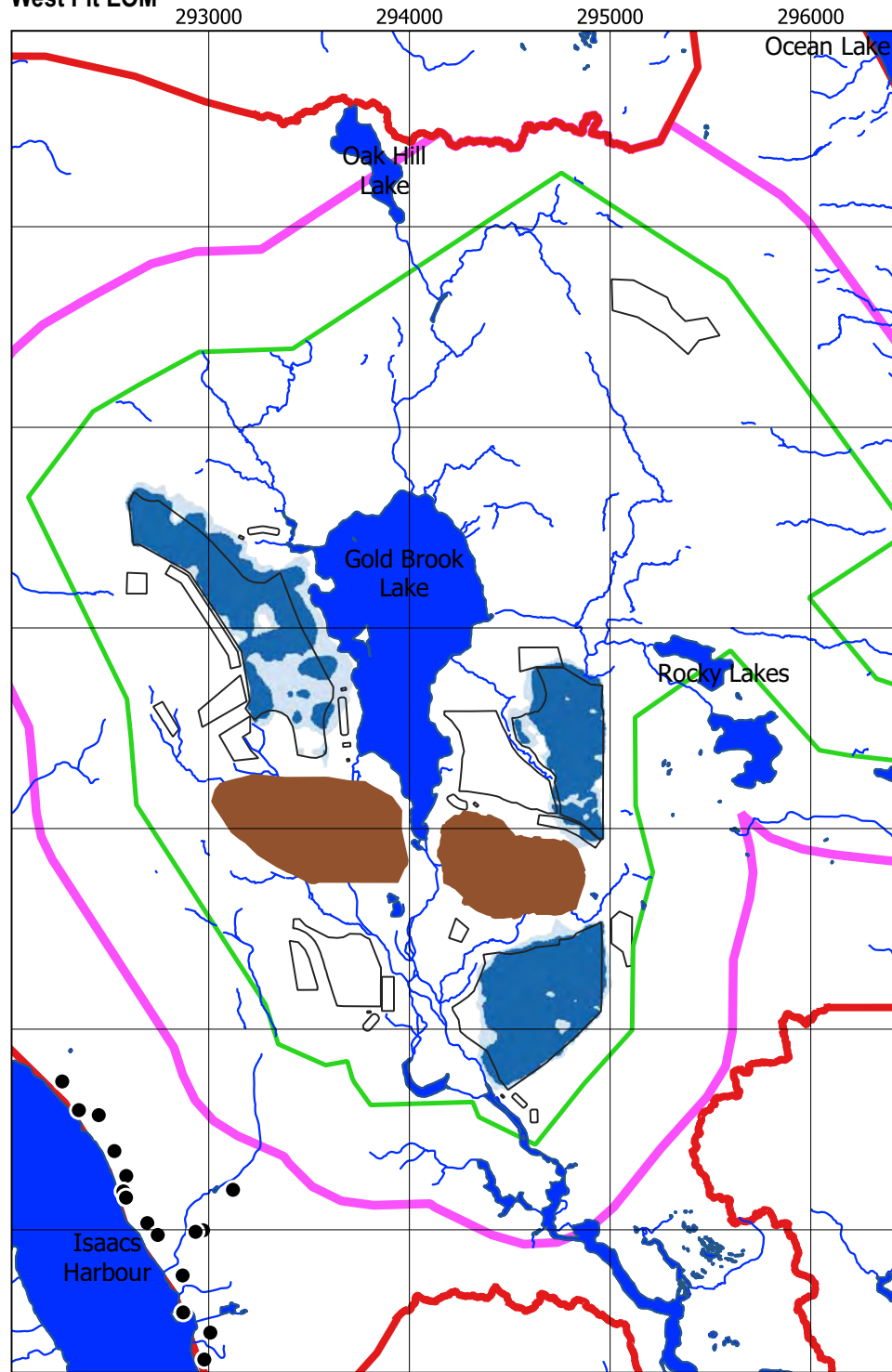
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.48

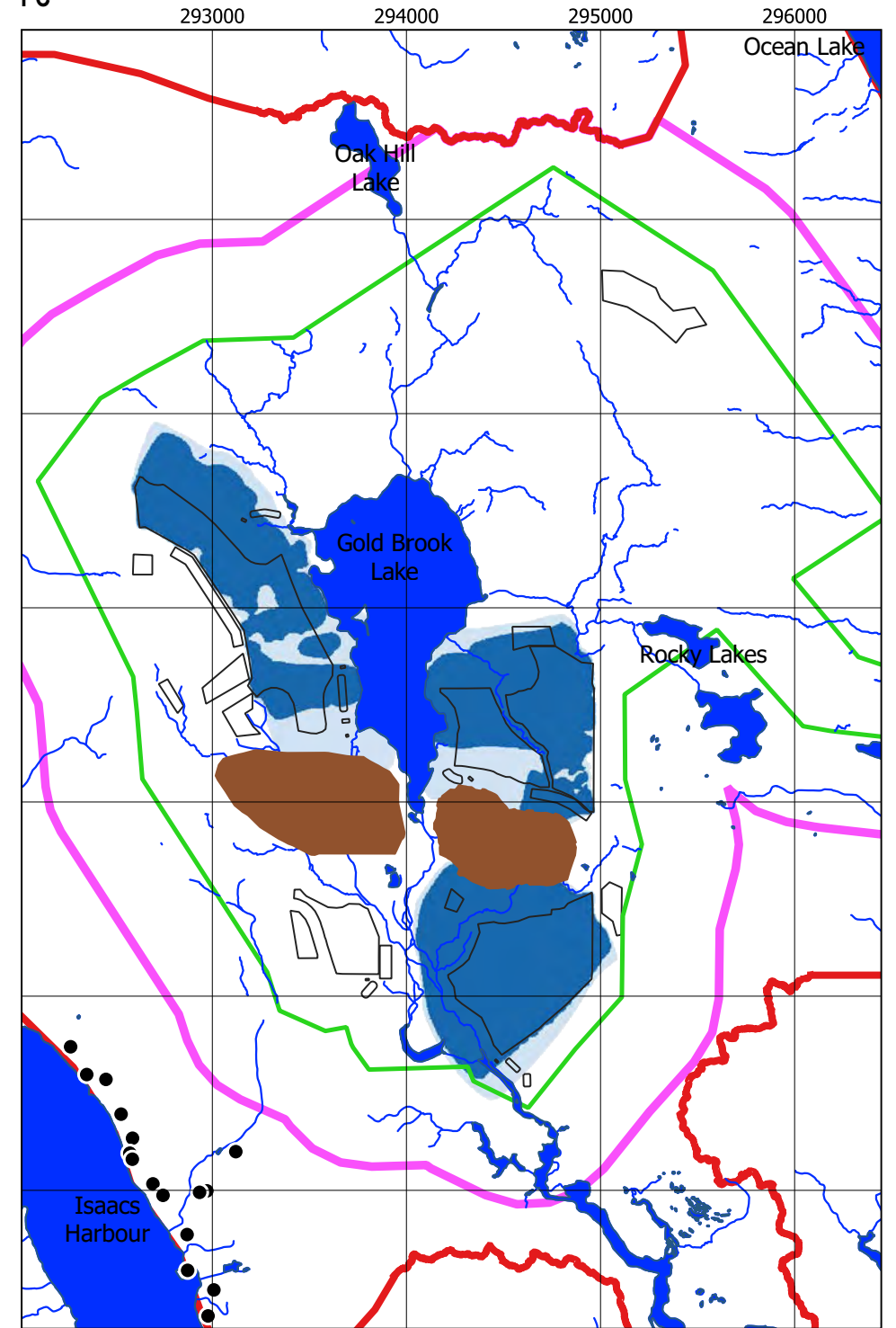
East Pit EOM



West Pit EOM

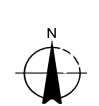
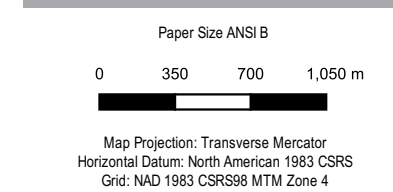


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- 6.0 - 15.0
- 15.0 - 100.0
- 100.0 - 250.0
- > 250.0



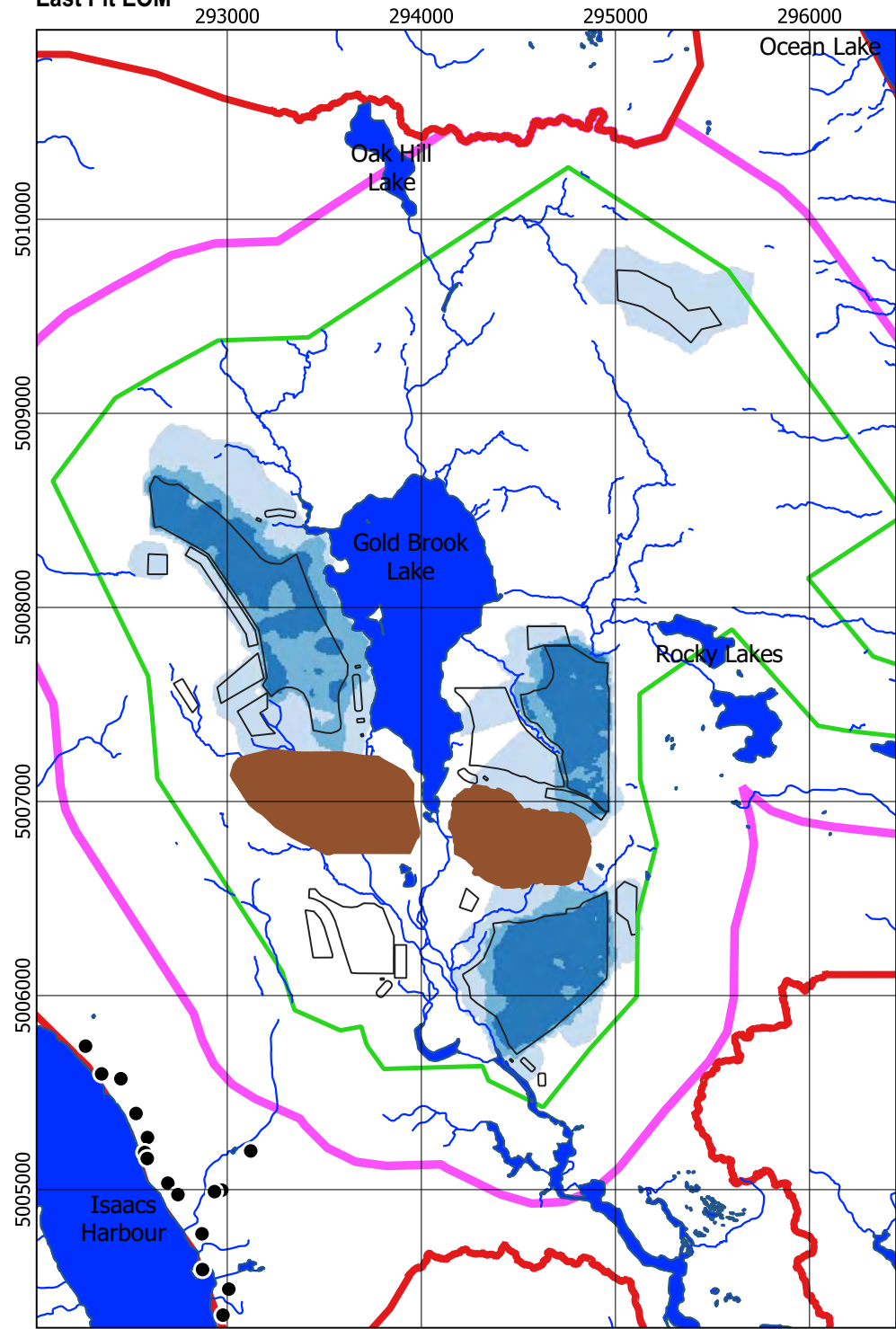
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED NICKEL
 CONCENTRATION VERSUS PSS**

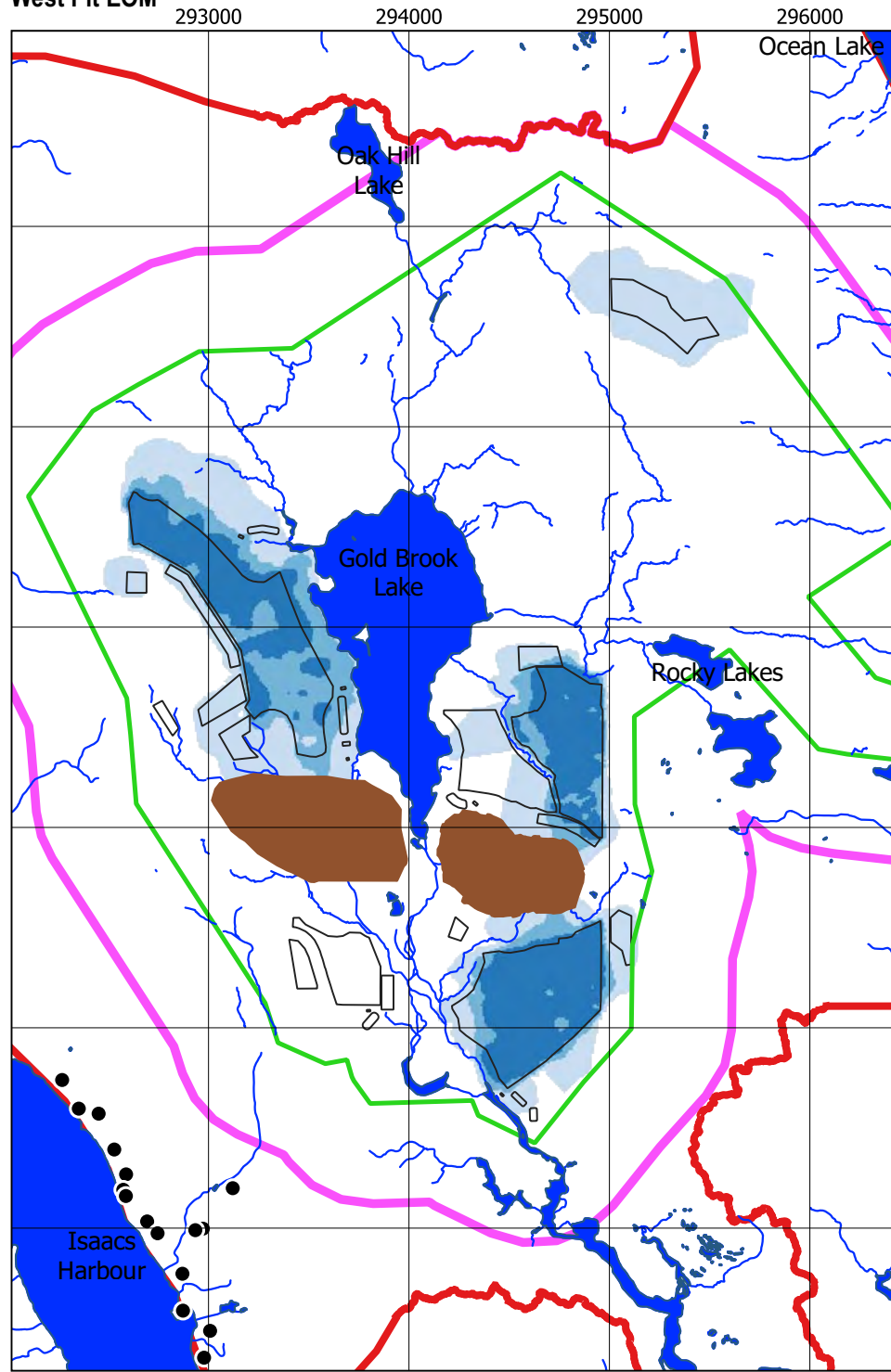
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.50

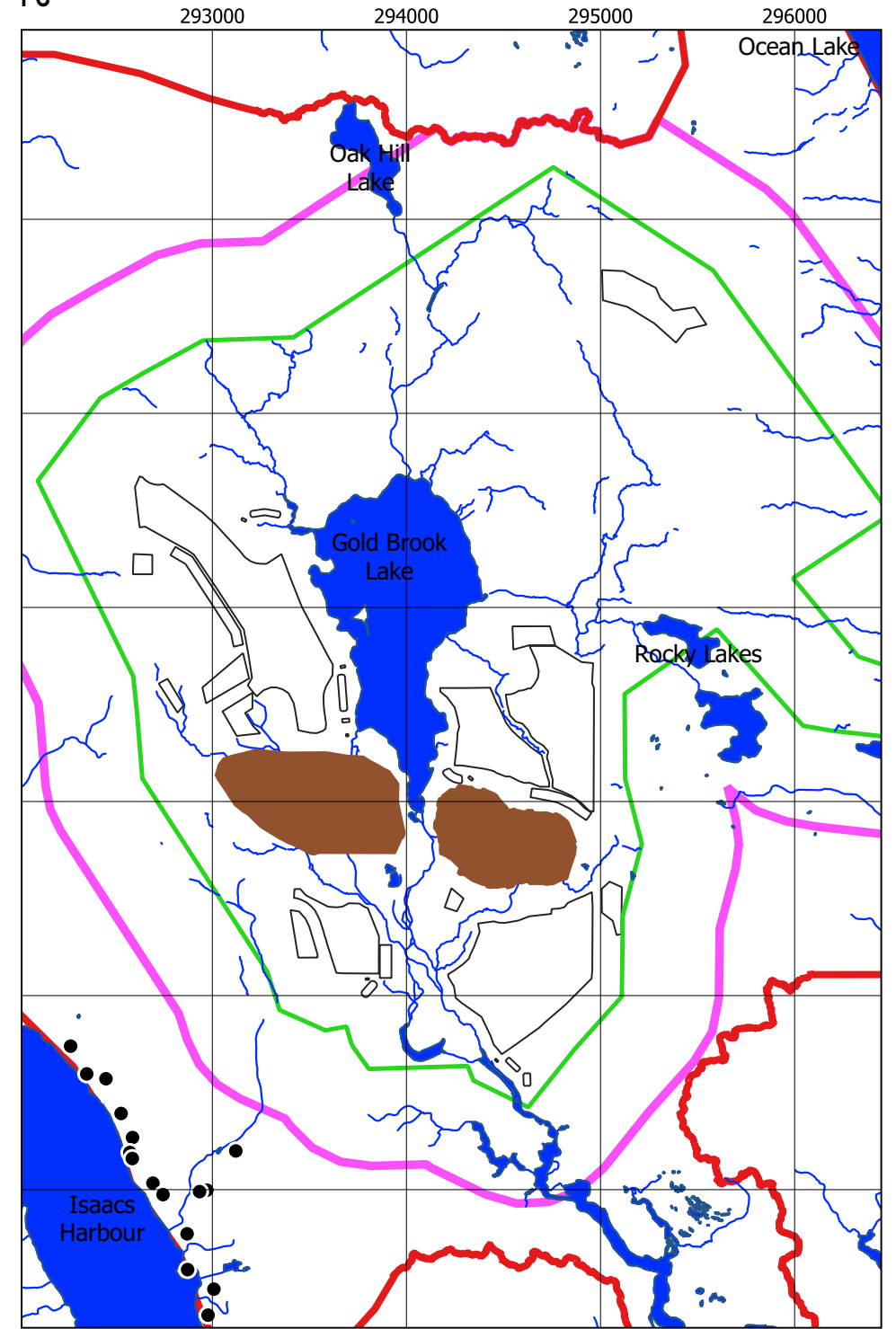
East Pit EOM



West Pit EOM

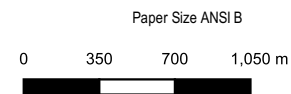


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration (µg/l)
- ▭ 1.0 - 2000.0
- ▭ 2000.0 - 10000.0
- ▭ 10000.0 - 130000.0
- ▭ > 130000.0



Map Projection: Transverse Mercator
 Horizontal Datum: North American 1983 CSRS
 Grid: NAD 1983 CSRS98 MTM Zone 4



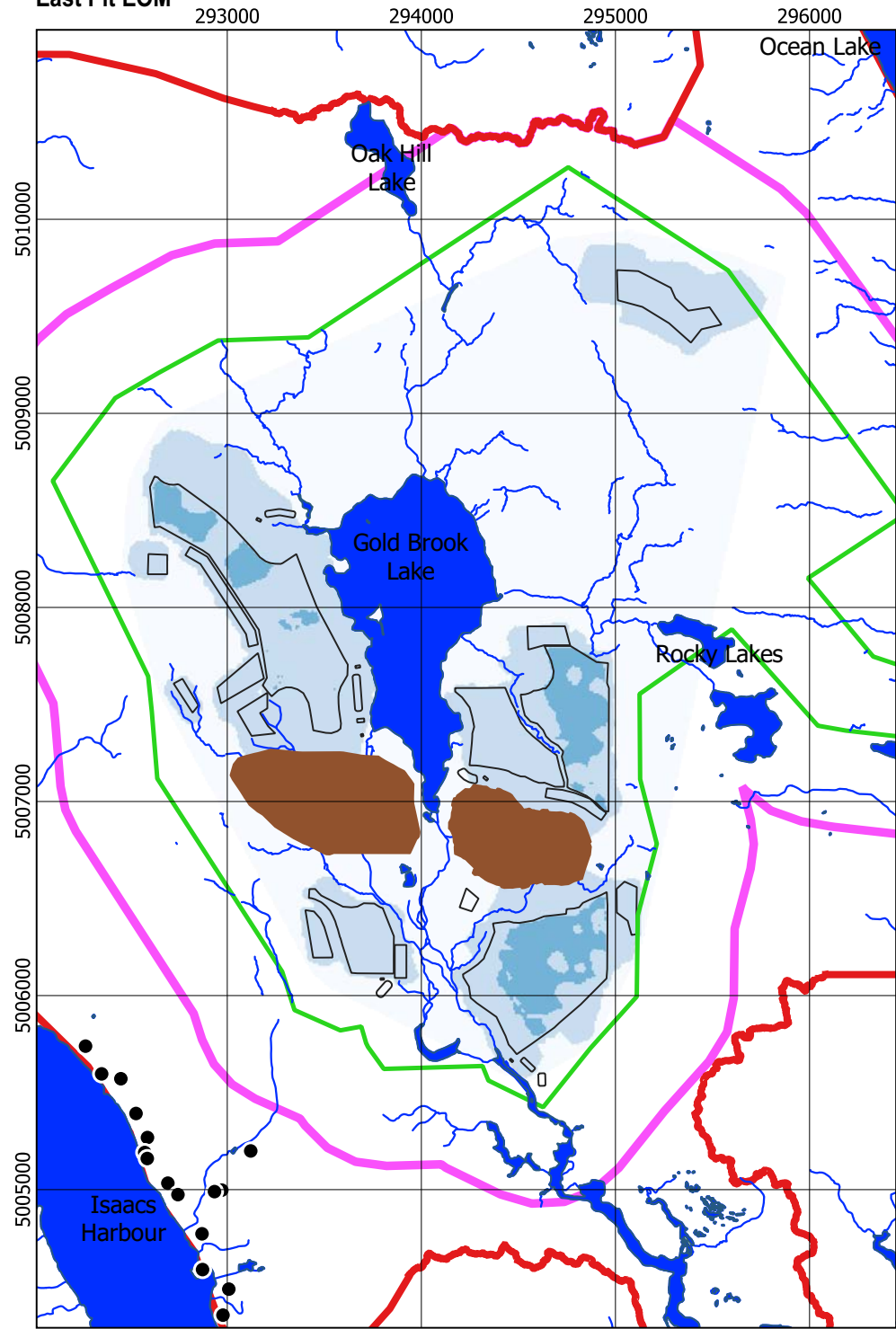
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED NITRATE (N)
 CONCENTRATION VERSUS PSS**

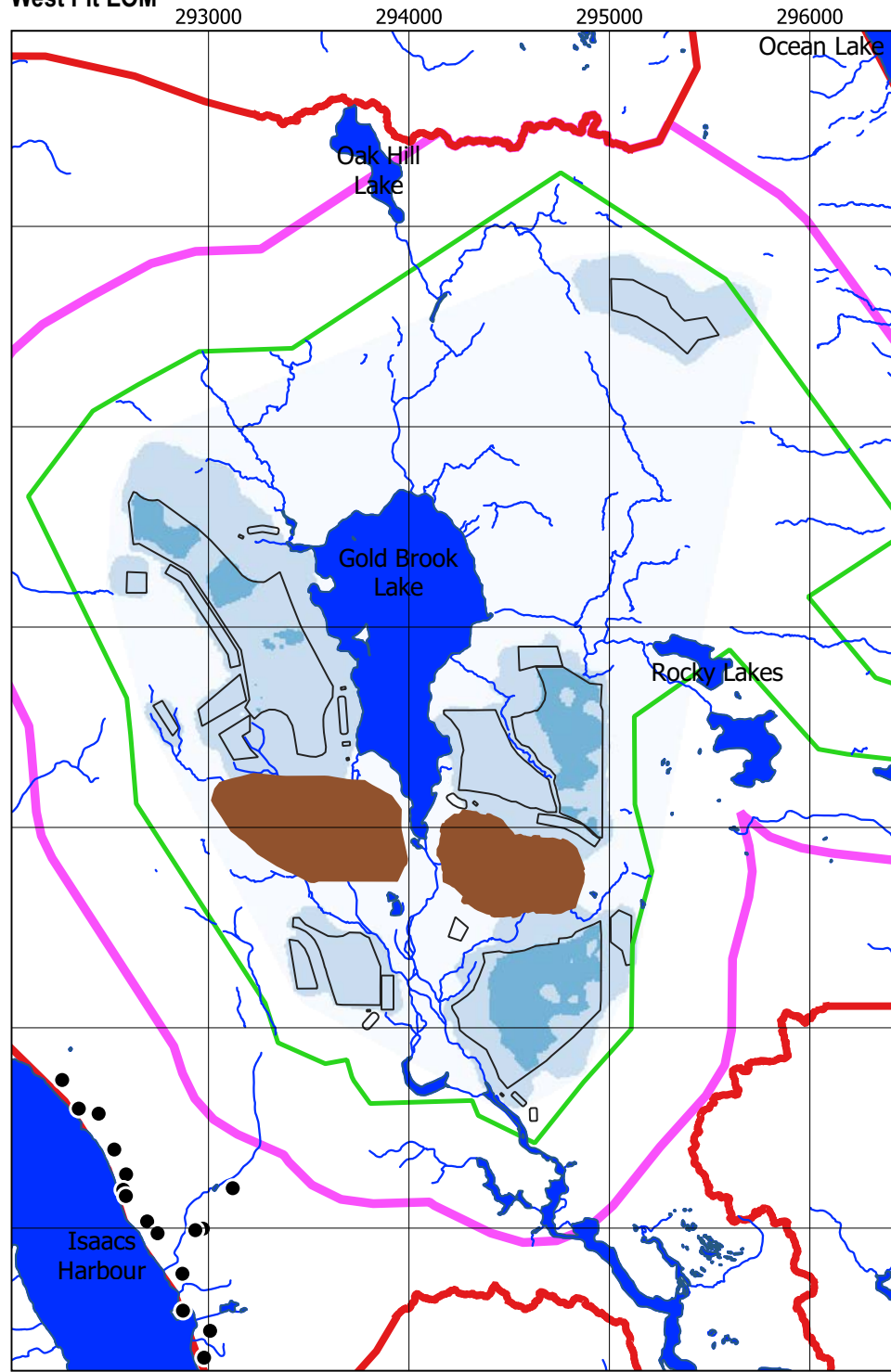
Project No. 1122385
 Revision No. -
 Date: April 2022

FIGURE 7.50

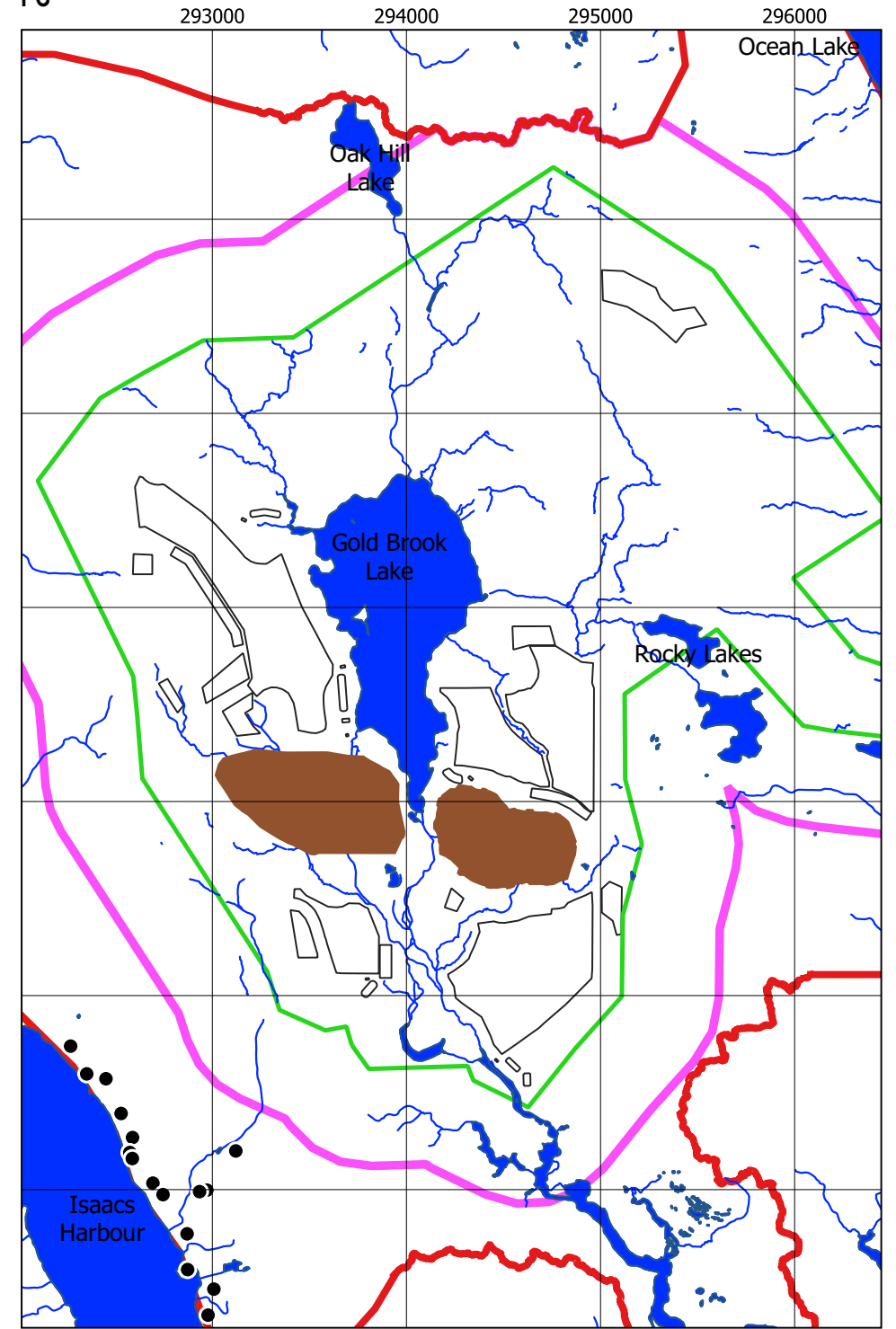
East Pit EOM



West Pit EOM

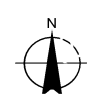
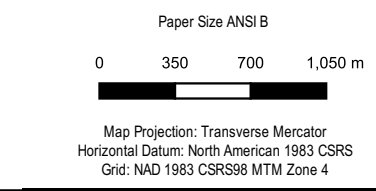


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 1.01 - 200.00
- ▭ 200.00 - 400.00
- ▭ 400.00 - 600.00
- ▭ > 600.00



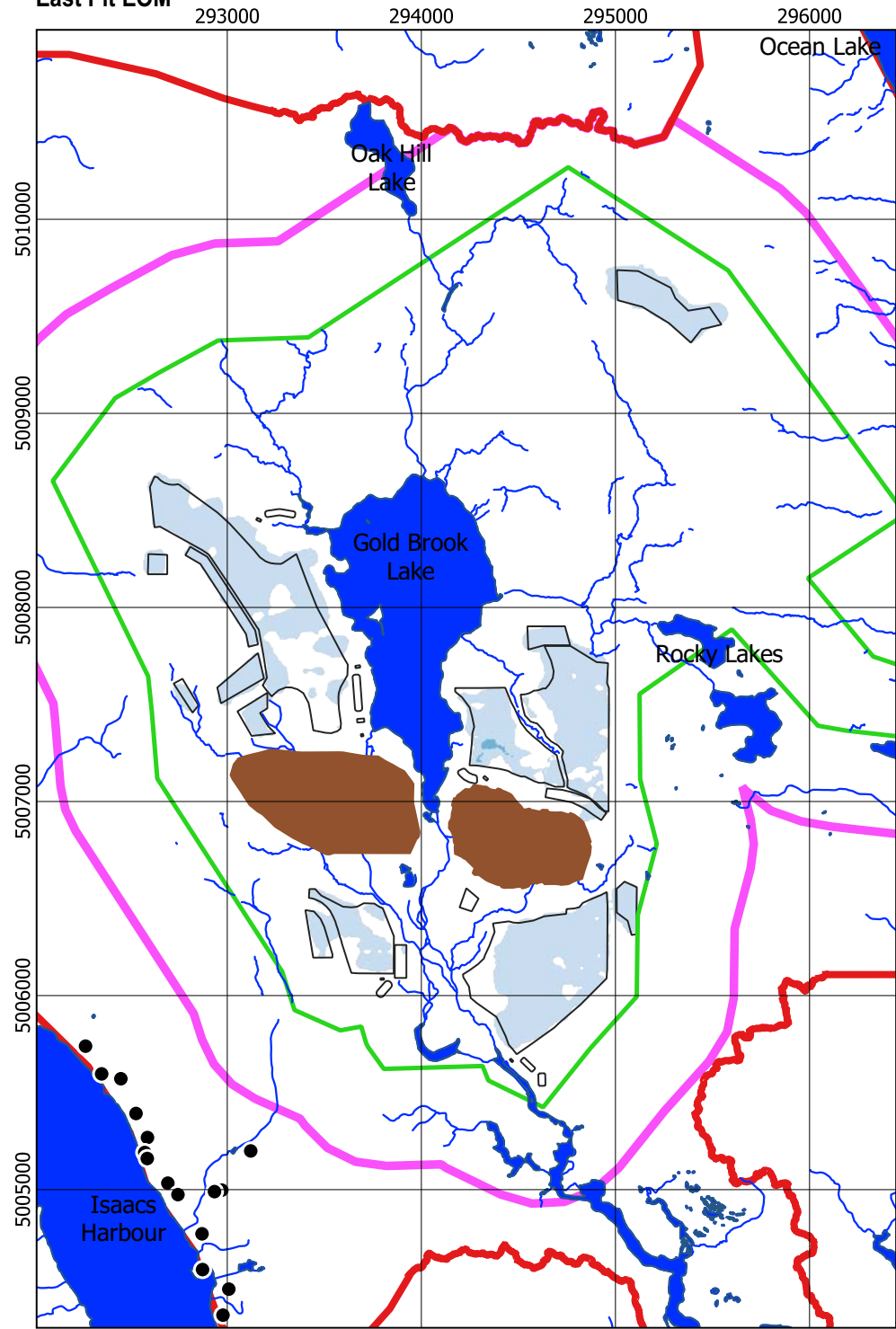
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED NITRITE (N)
 CONCENTRATION VERSUS PSS**

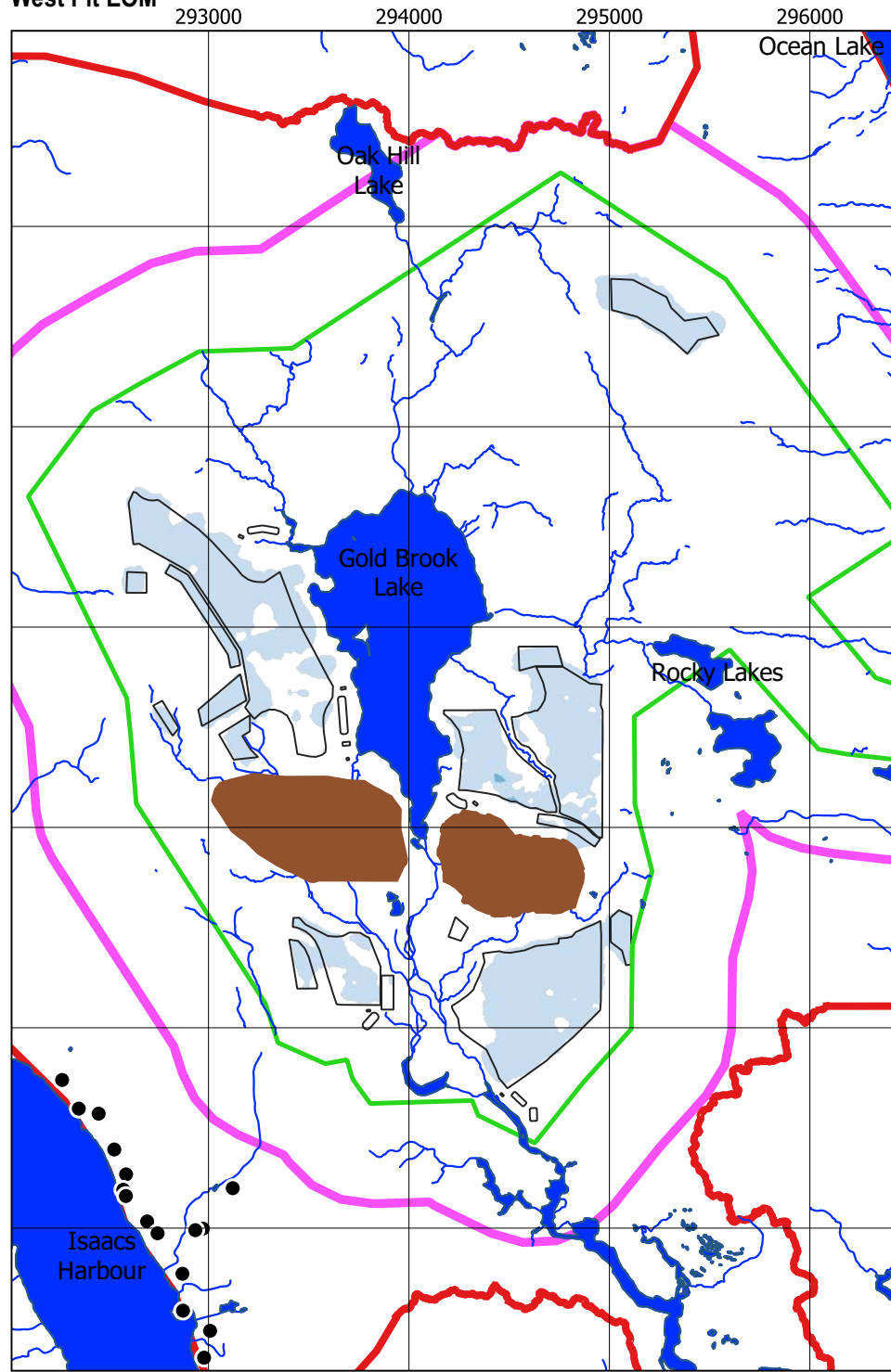
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.51

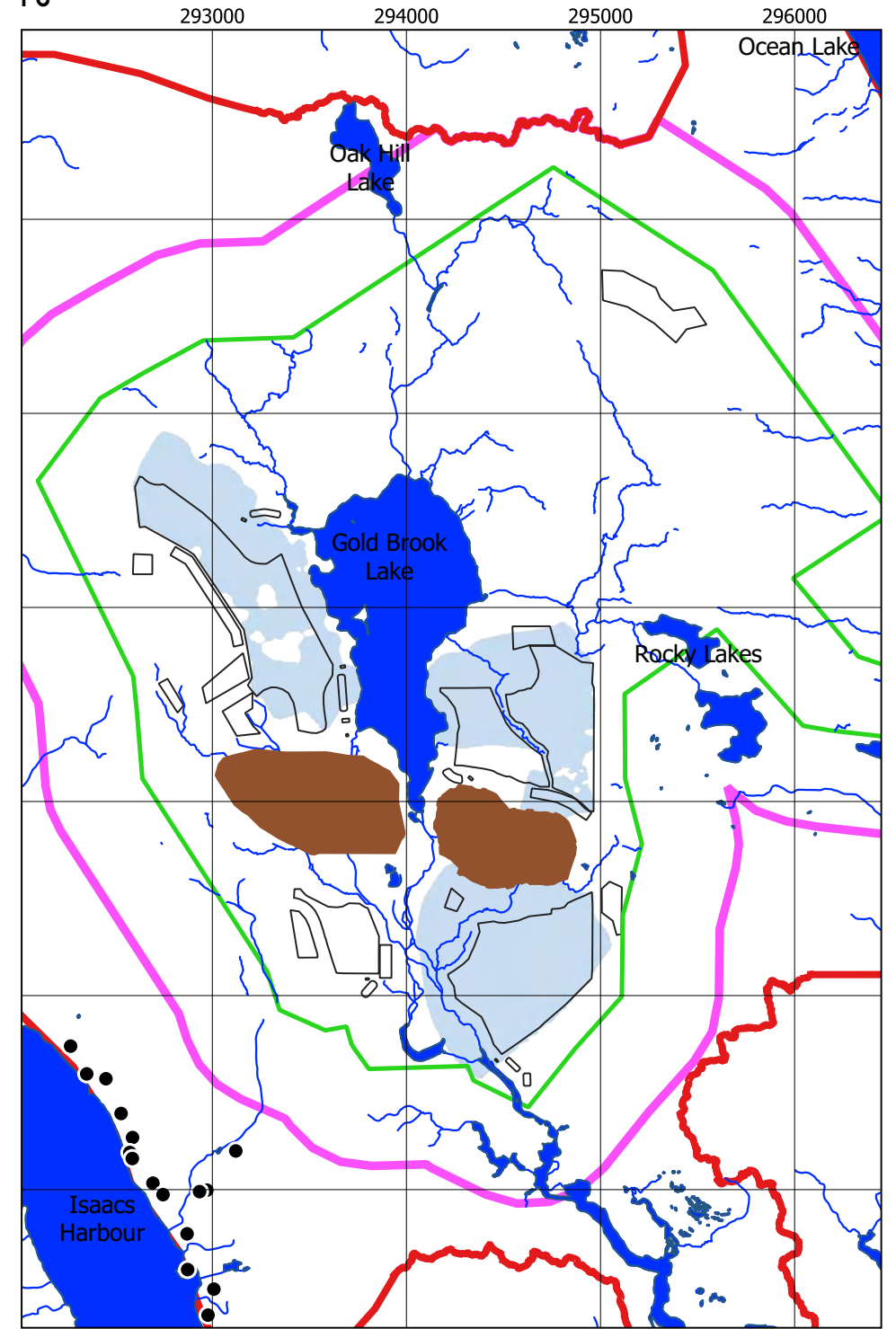
East Pit EOM



West Pit EOM

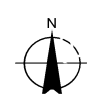
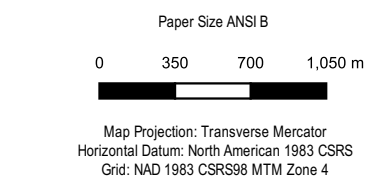


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.240 - 1.000
- ▭ 1.000 - 5.000
- ▭ 5.000 - 10.000
- ▭ > 10.000



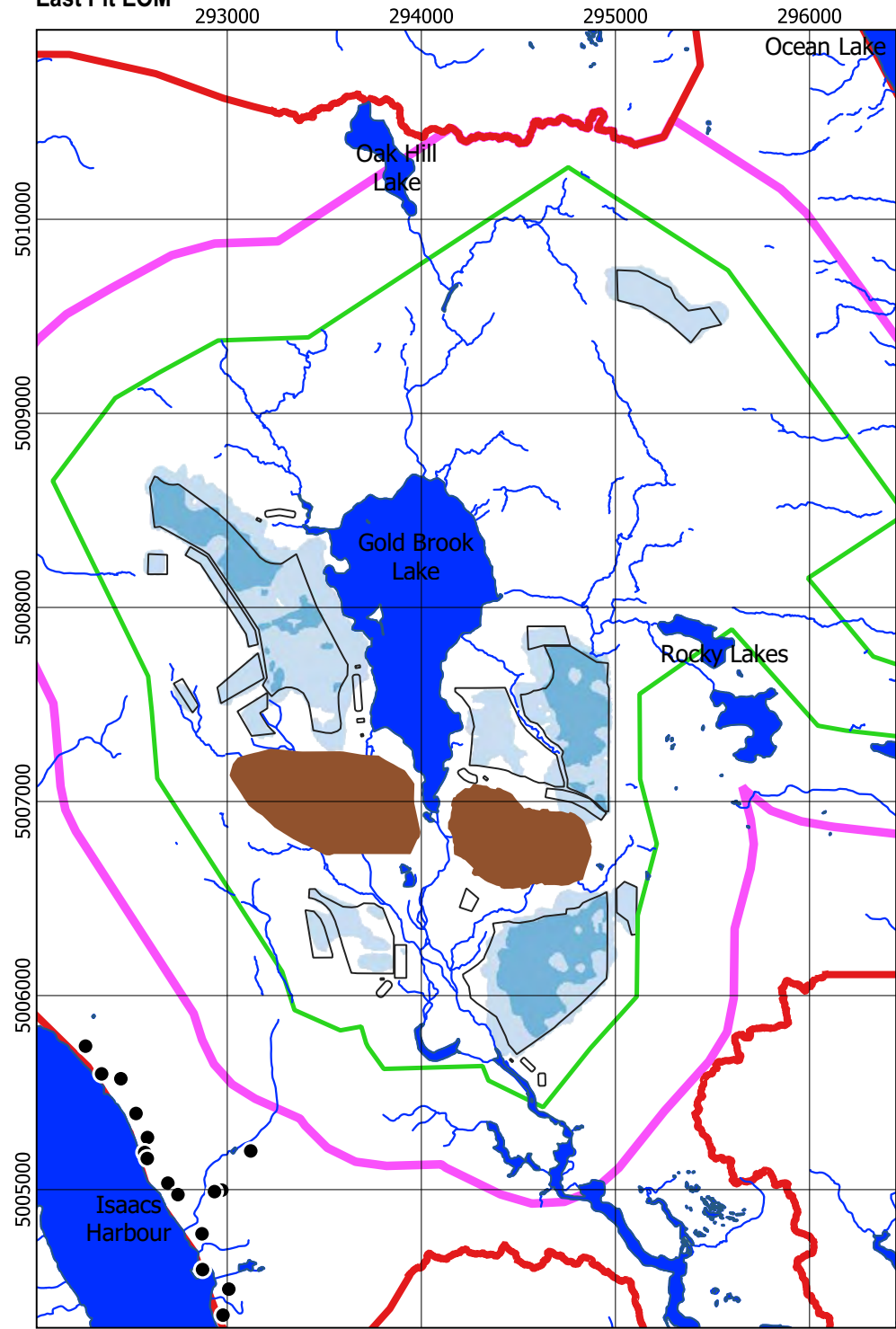
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED SELENIUM
 CONCENTRATION VERSUS PSS**

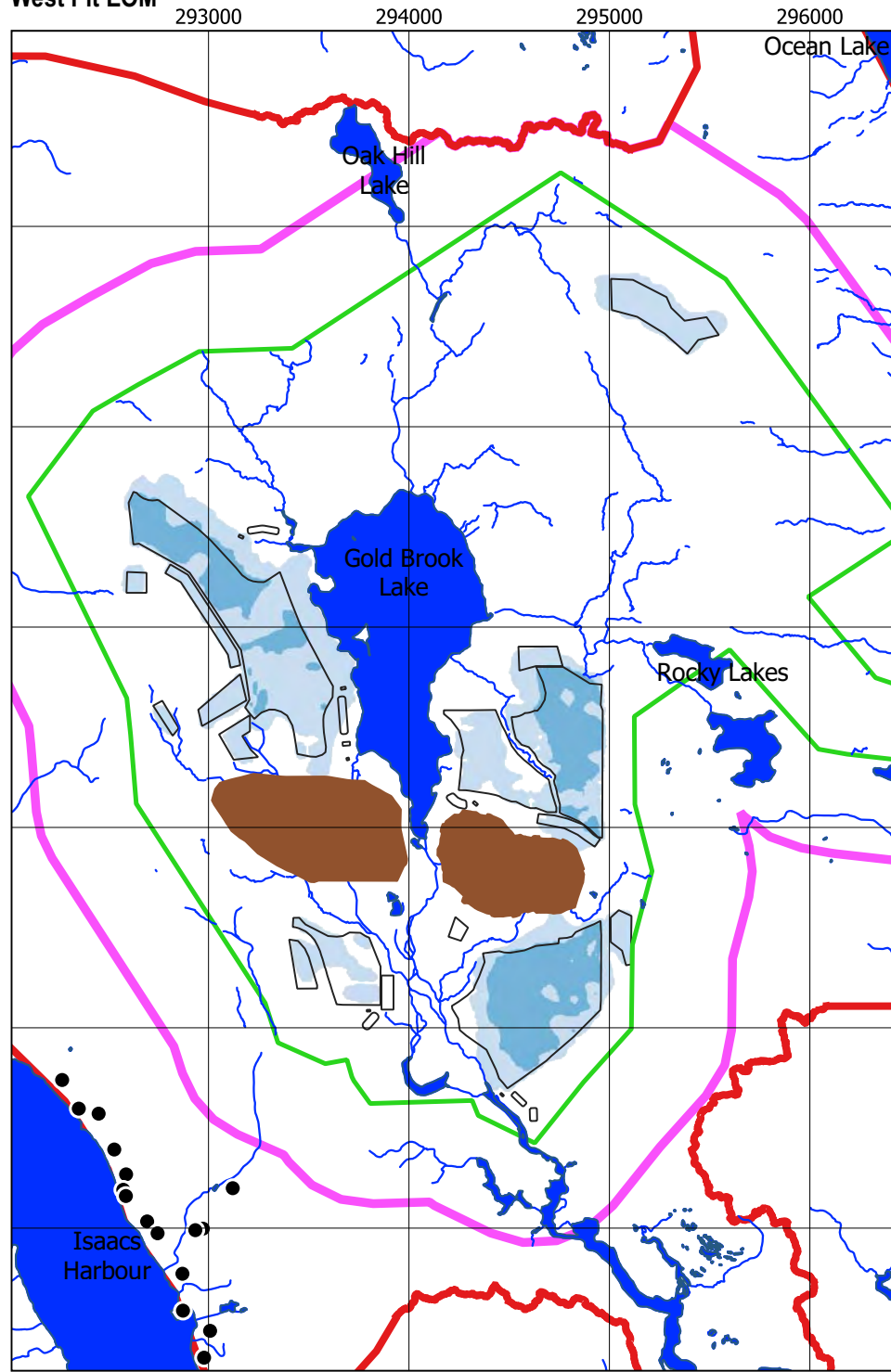
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.52

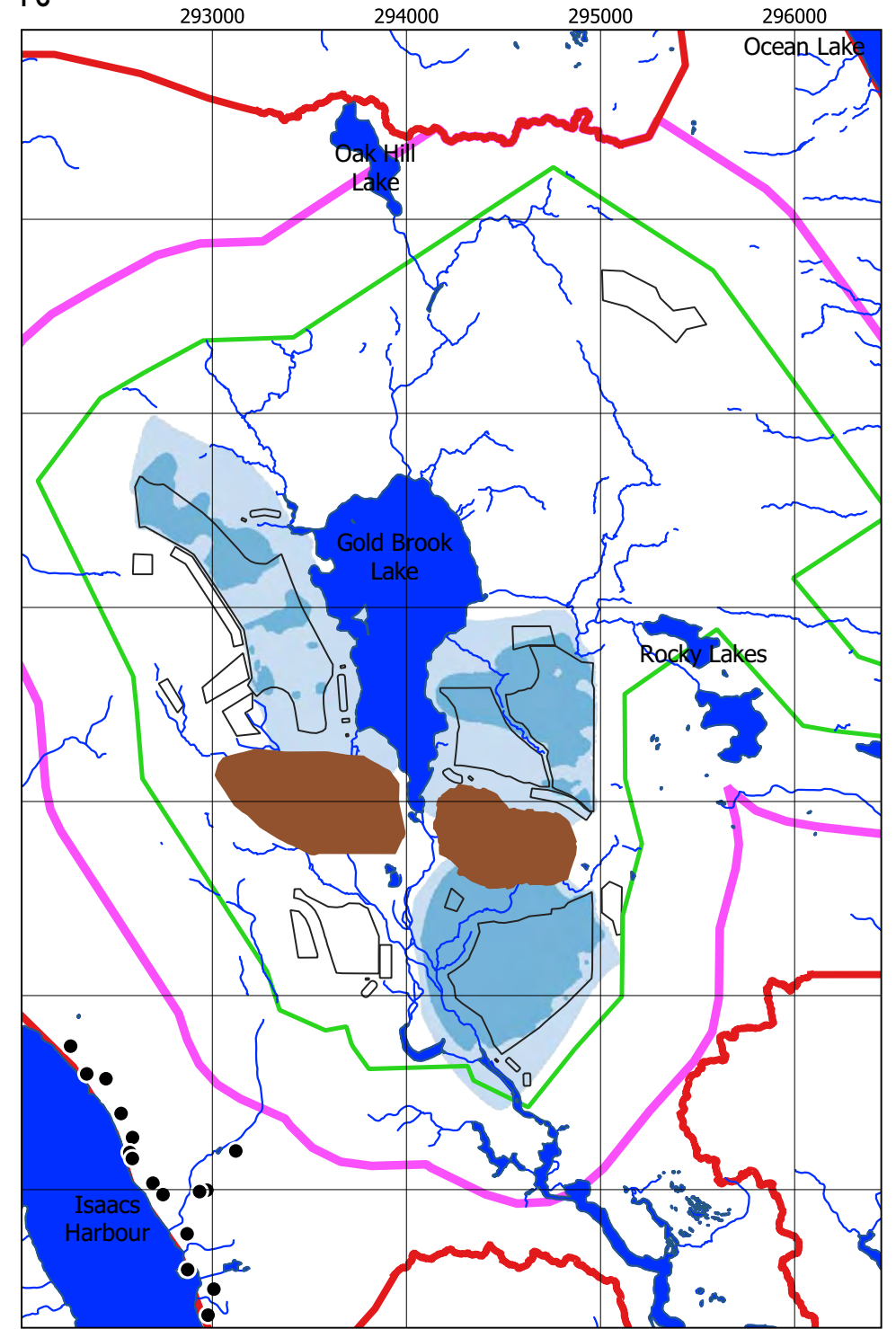
East Pit EOM



West Pit EOM

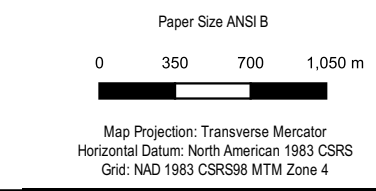


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.01 - 0.10
- ▭ 0.10 - 1.00
- ▭ 1.00 - 2.50
- ▭ > 2.50



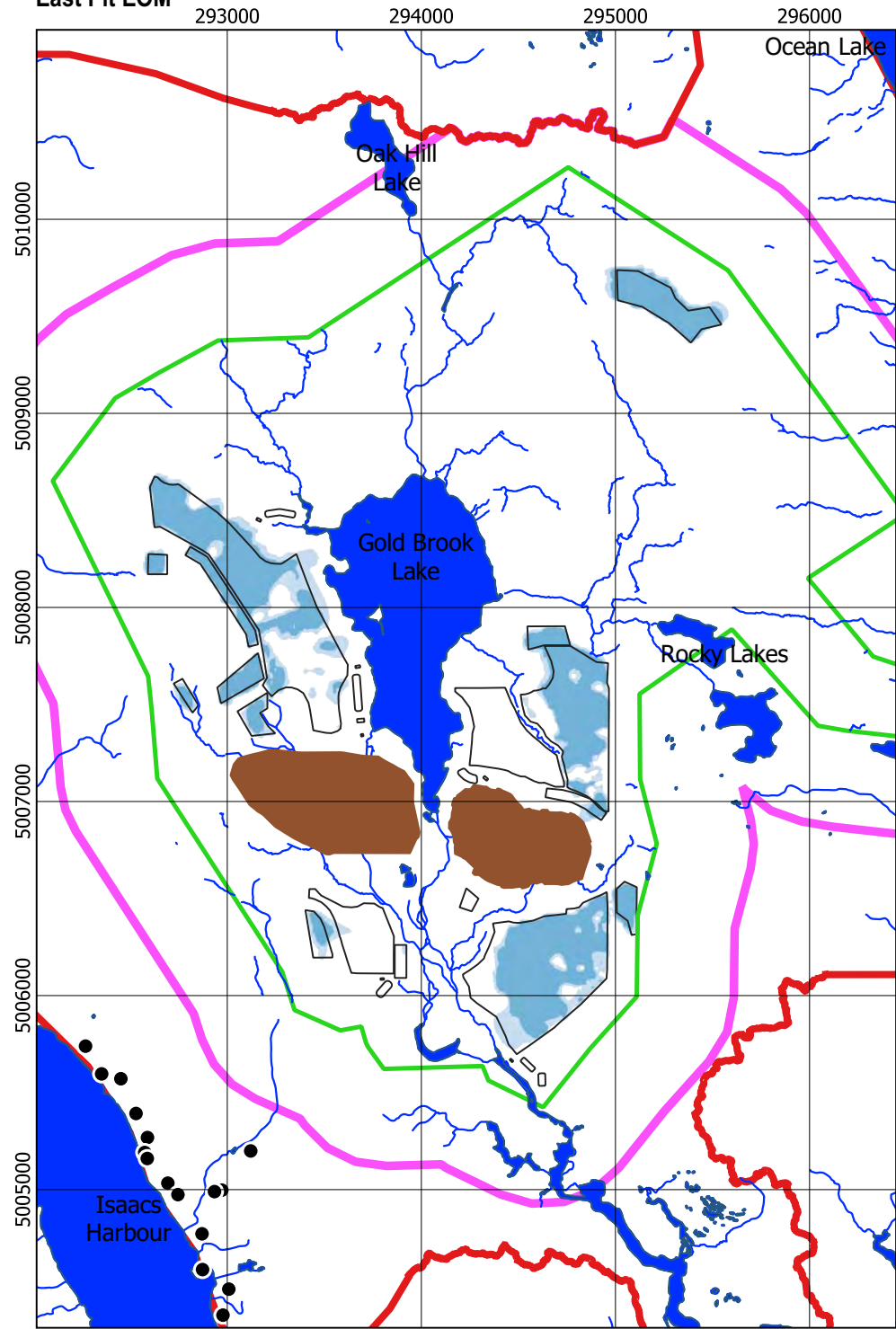
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED SILVER
 CONCENTRATION VERSUS PSS**

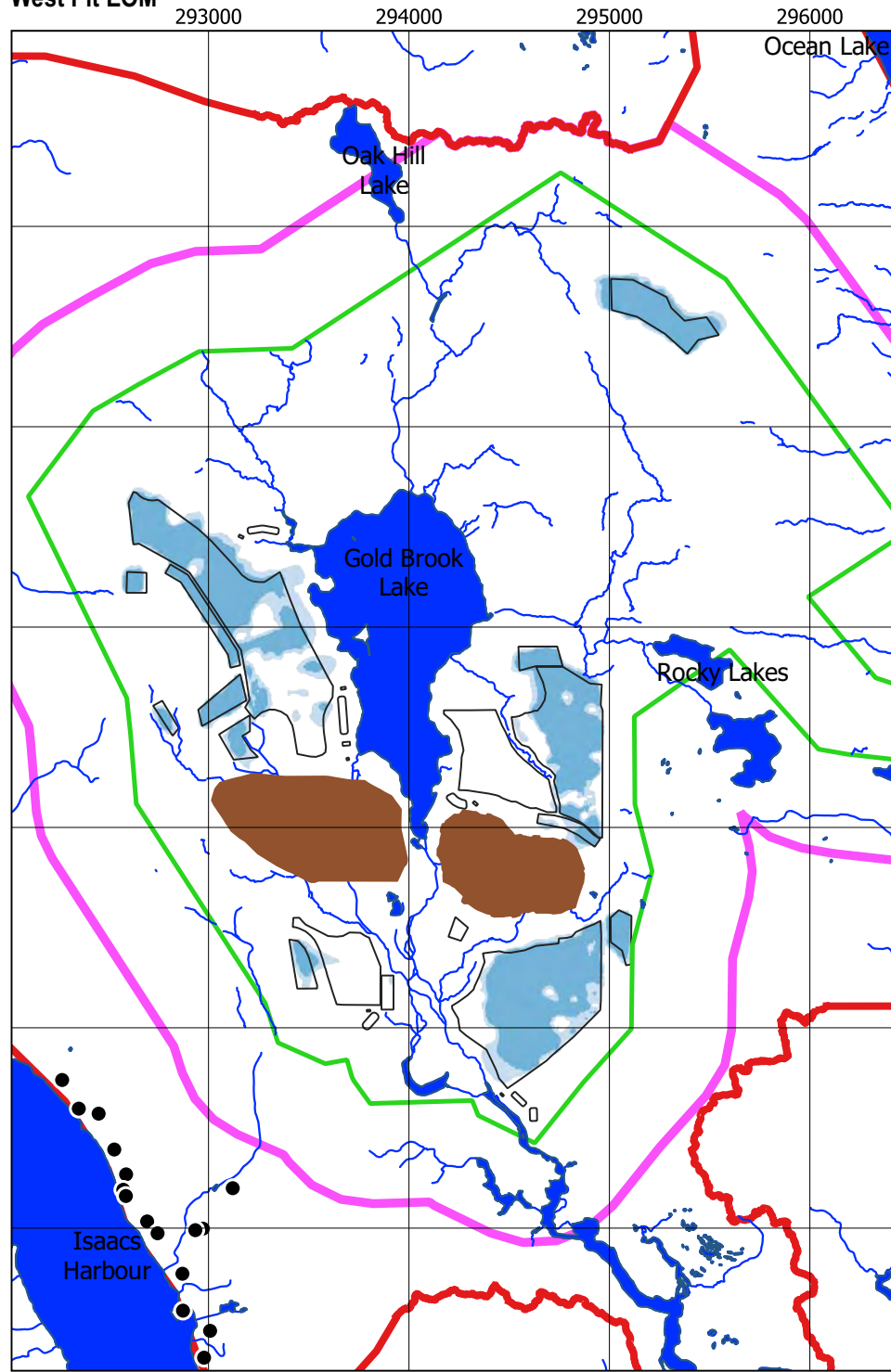
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.53

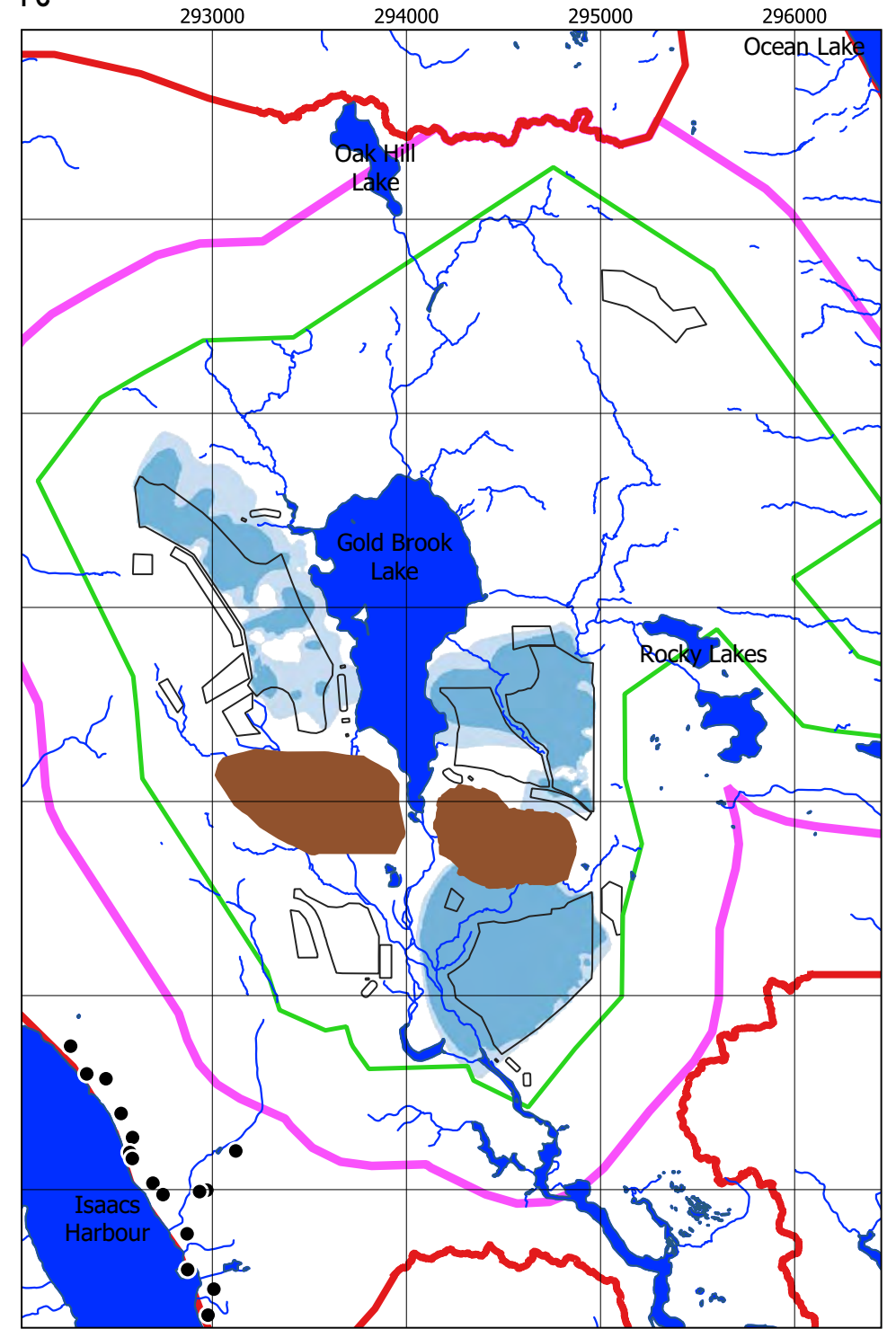
East Pit EOM



West Pit EOM

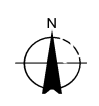
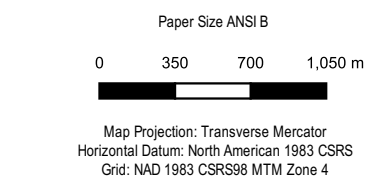


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- ▭ 0.048 - 0.090
- ▭ 0.090 - 2.000
- ▭ 2.000 - 8.000
- ▭ > 8.000



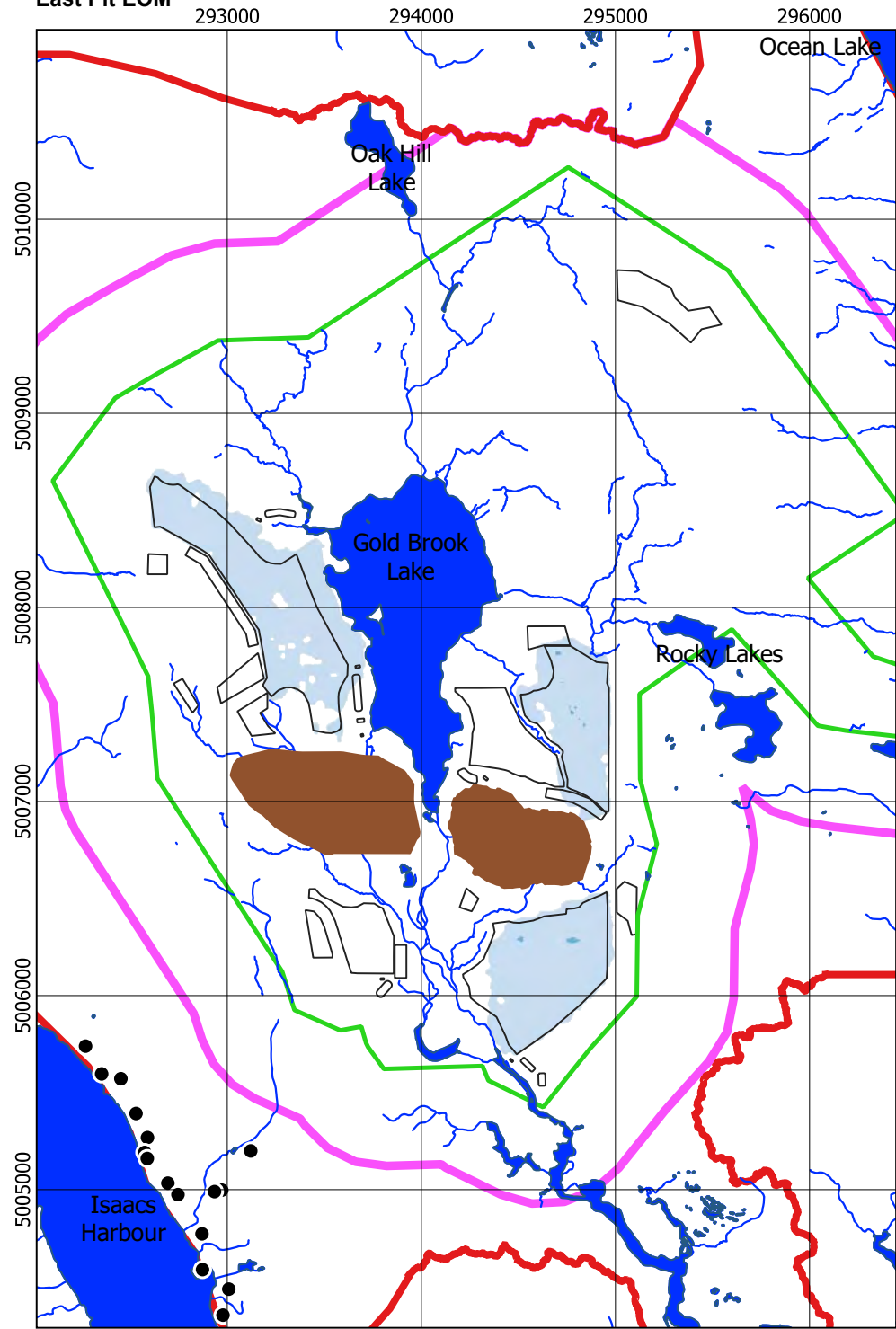
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED THALLIUM
 CONCENTRATION VERSUS PSS**

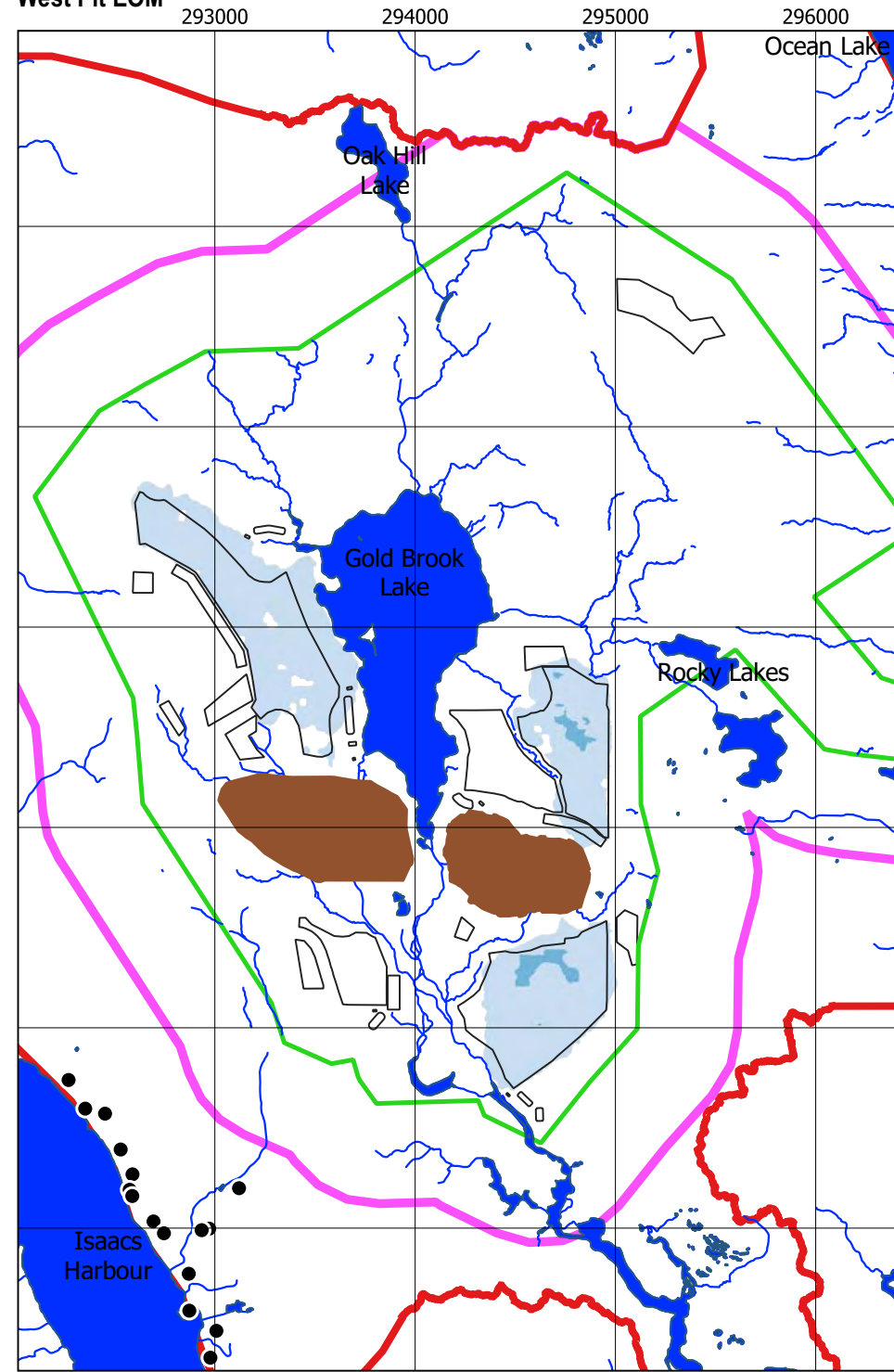
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.54

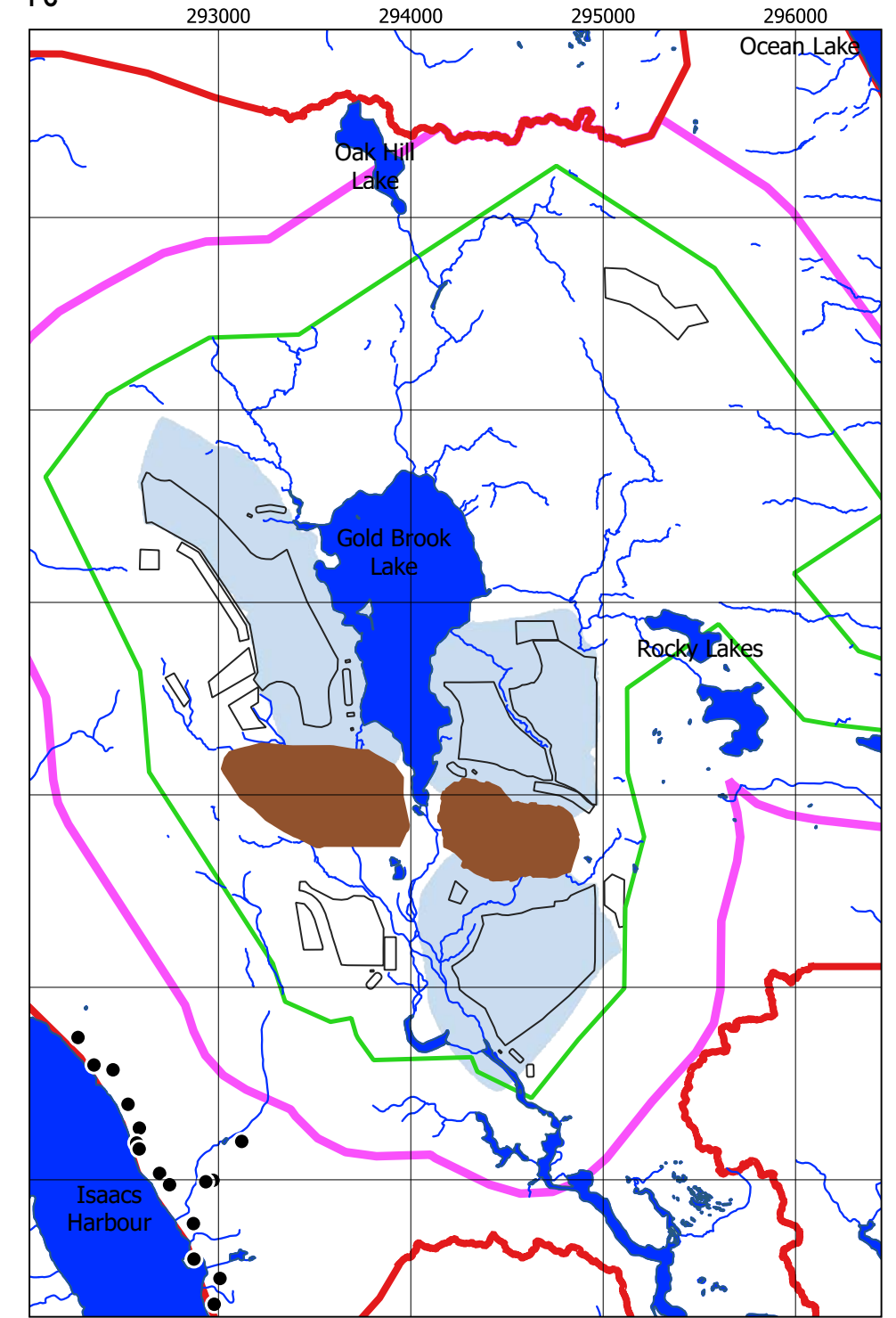
East Pit EOM



West Pit EOM

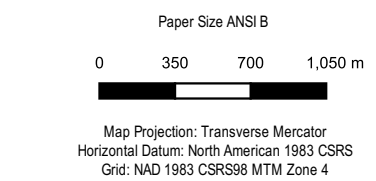


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration (µg/l)
- ▭ 0.3 - 3.0
- ▭ 3.0 - 15.0
- ▭ 15.0 - 150.0
- ▭ > 150.0



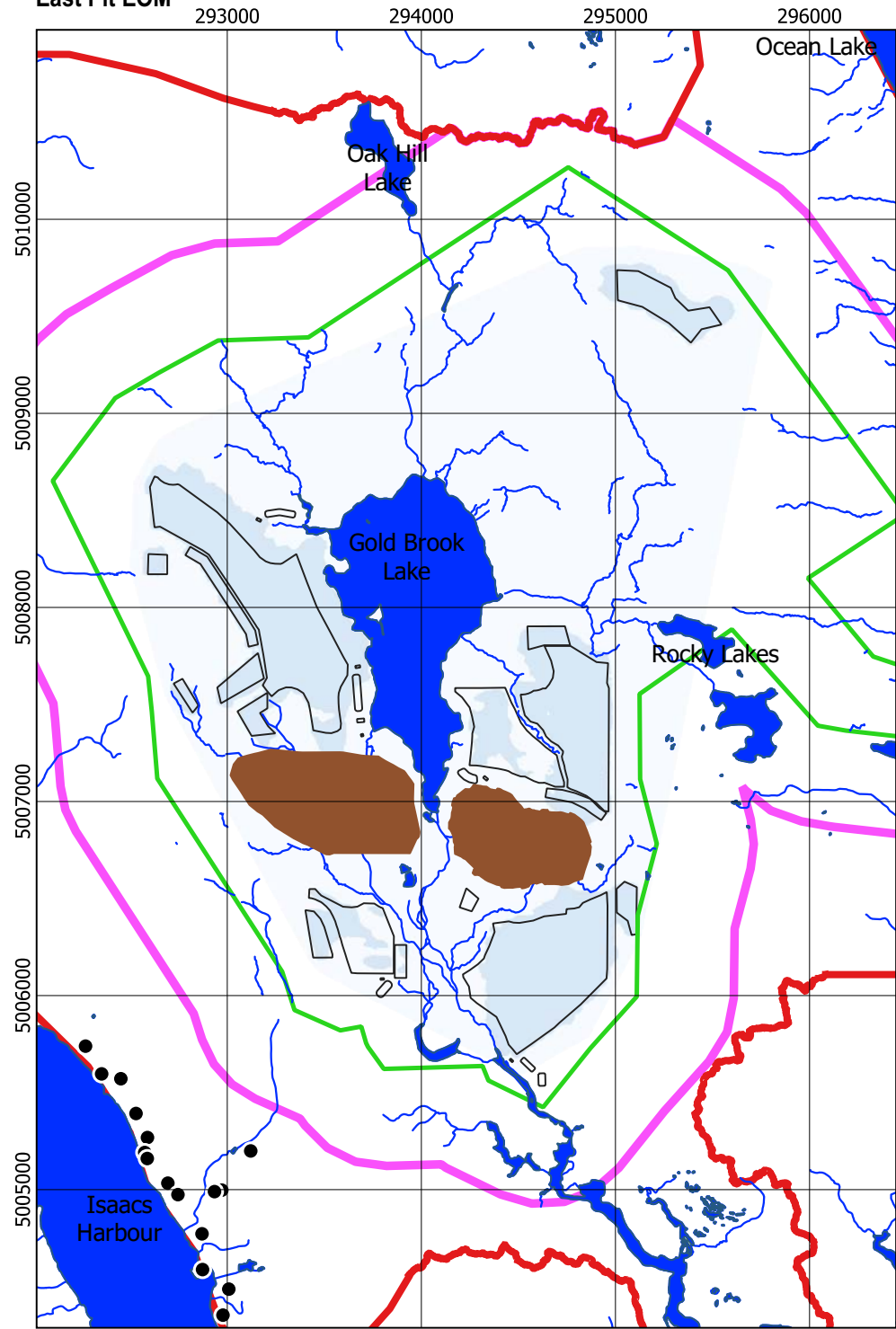
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED URANIUM
 CONCENTRATION VERSUS PSS**

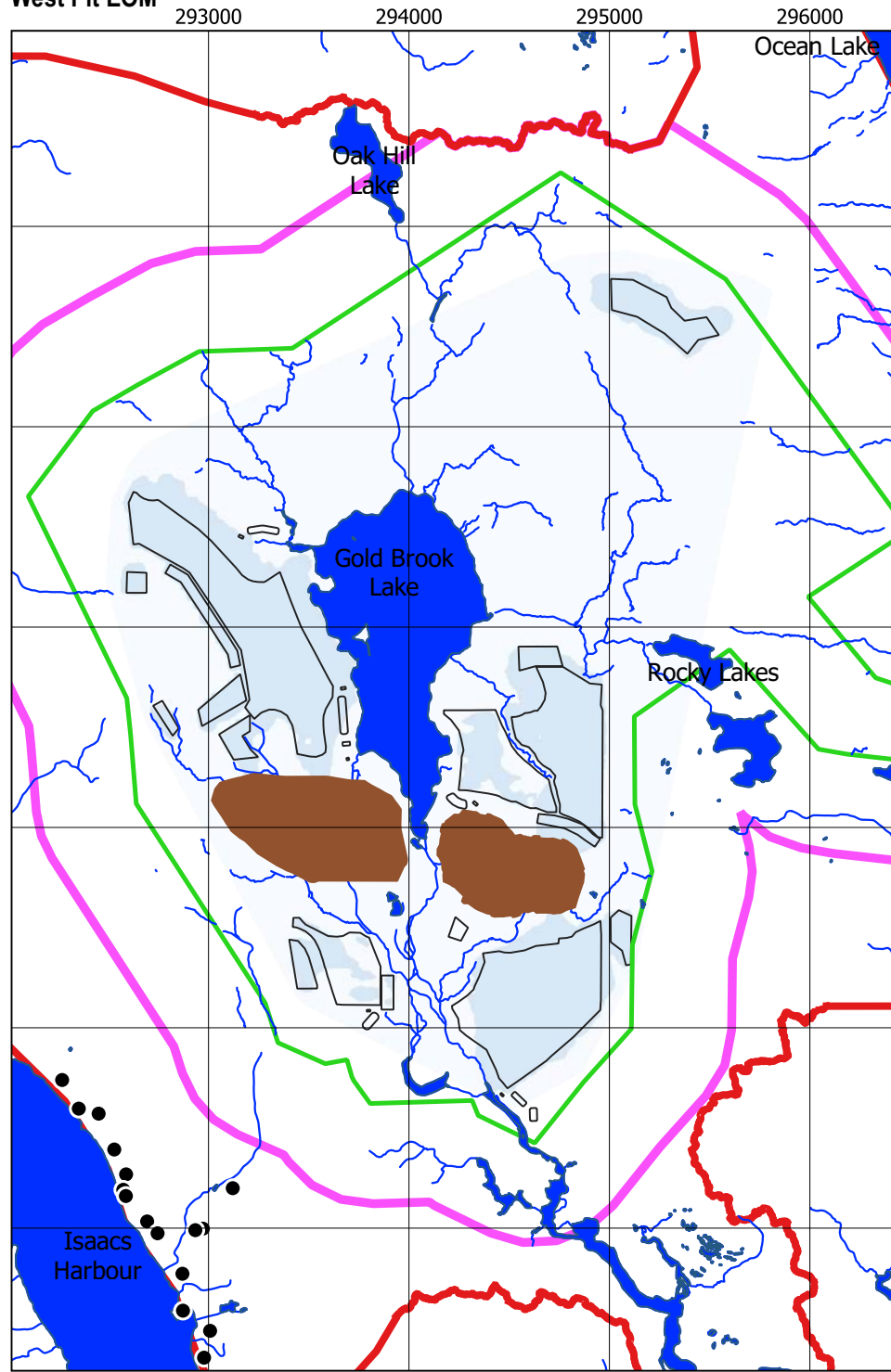
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.55

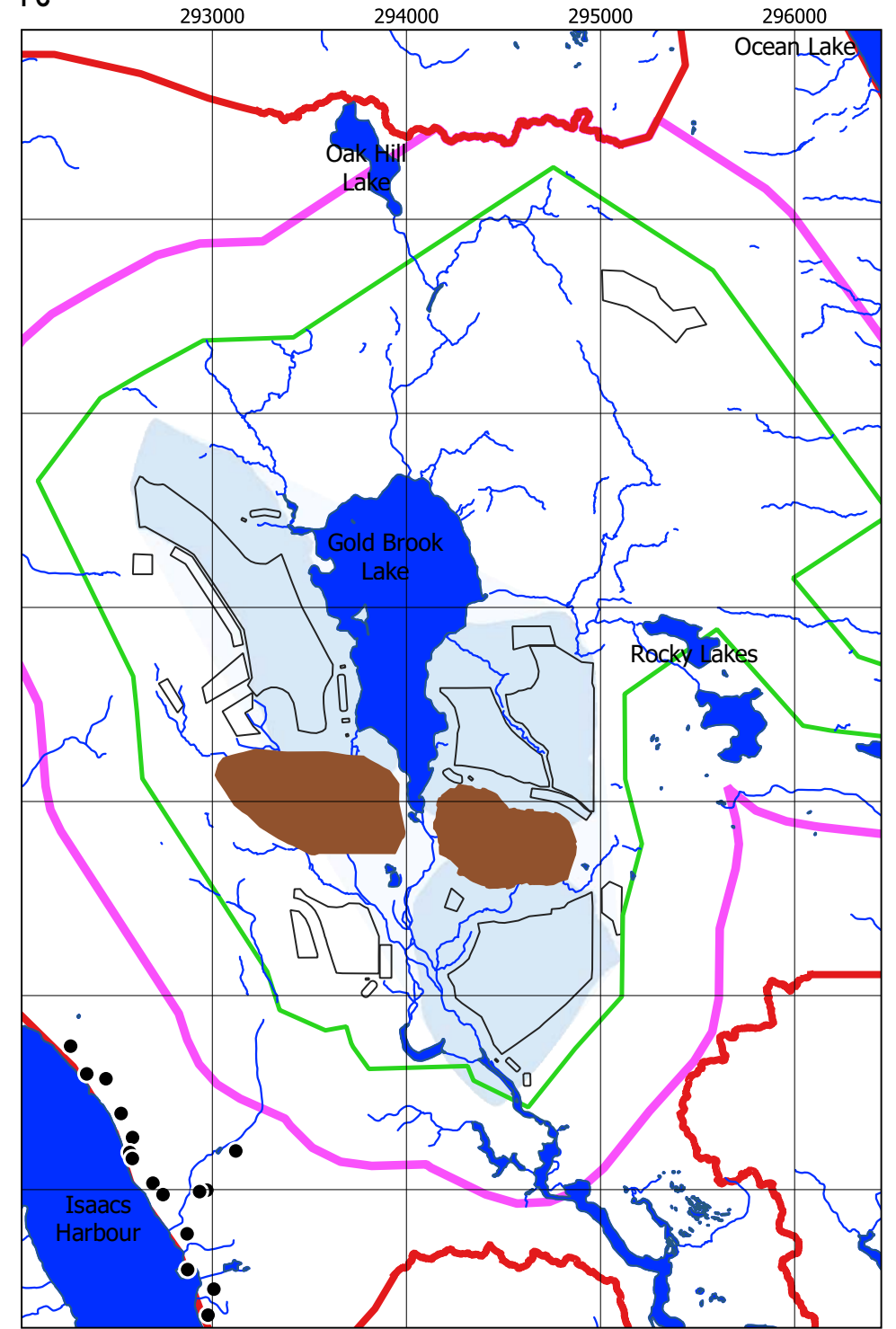
East Pit EOM



West Pit EOM

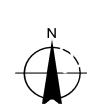
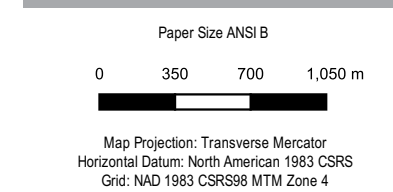


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration ($\mu\text{g/l}$)
- 0.5 - 12.0
- 12.0 - 120.0
- 120.0 - 1200.0
- > 1200.0



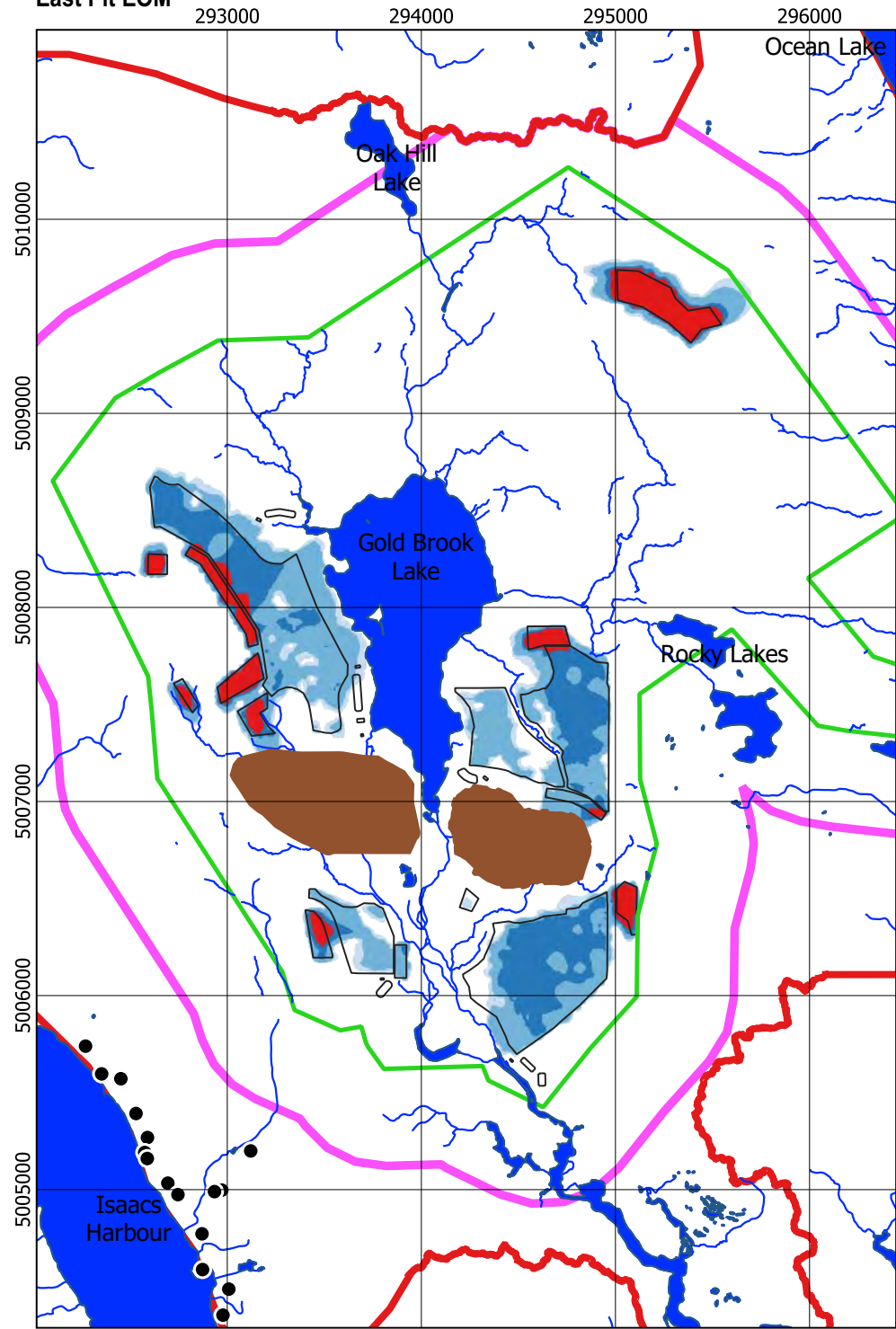
ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED VANADIUM
 CONCENTRATION VERSUS PSS**

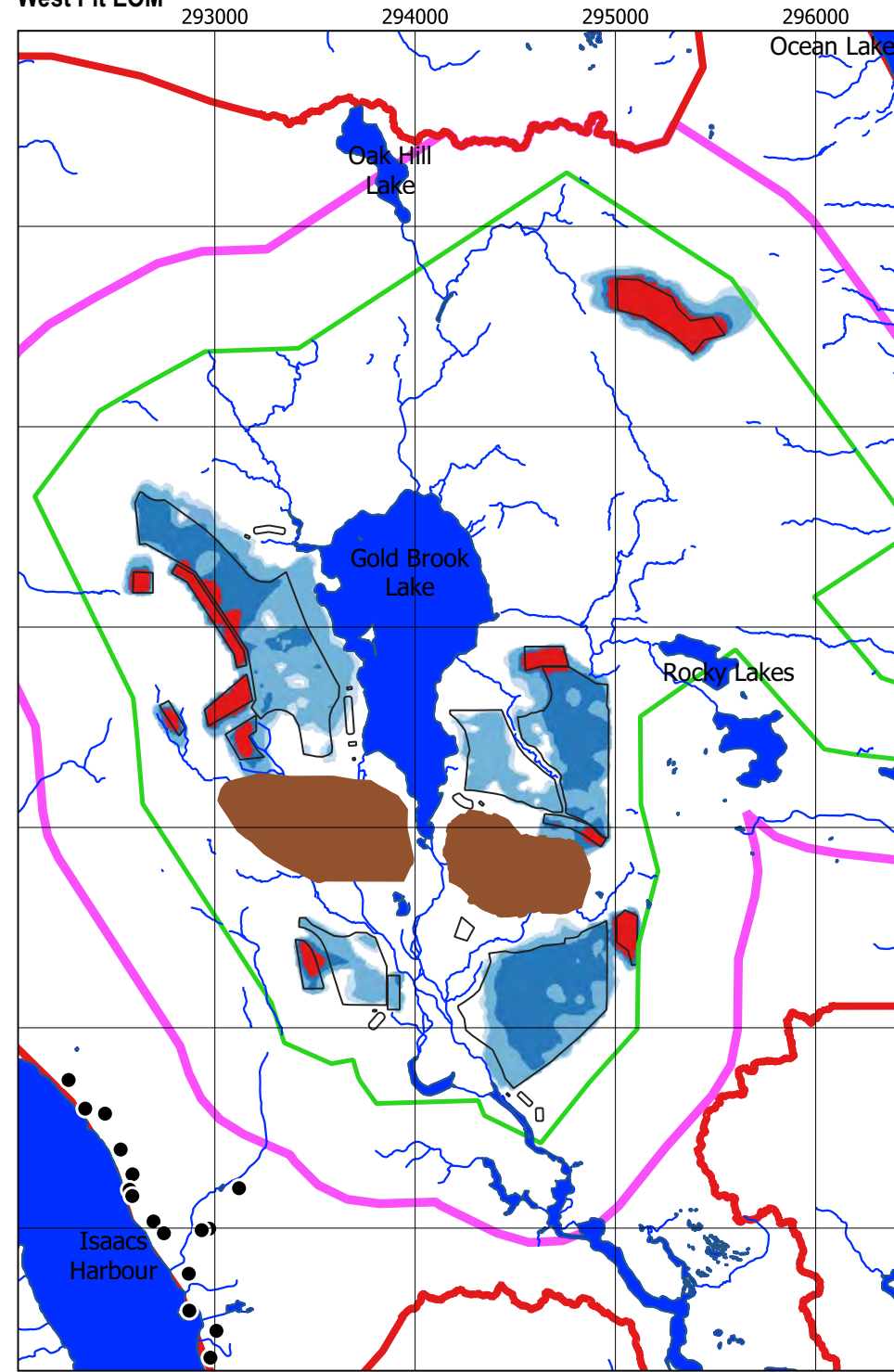
Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.56

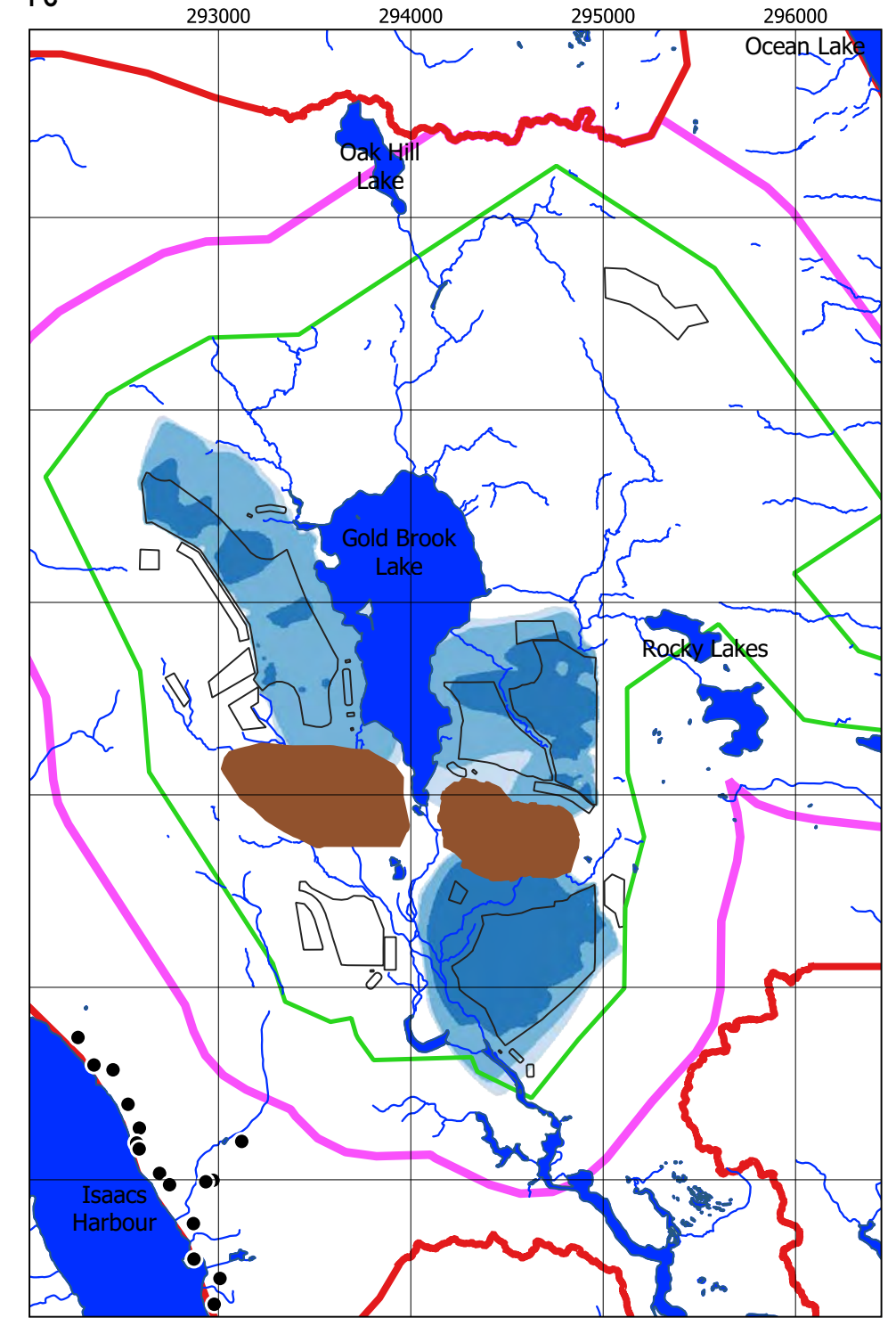
East Pit EOM



West Pit EOM

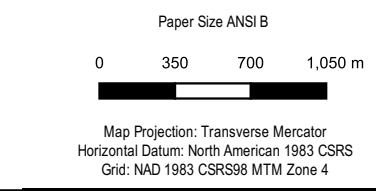


PC



Legend

- ▭ Local Assessment Area (LAA)
- ▭ Regional Assessment Area (RAA)
- ▭ Project Area (PA)
- ▭ Proposed Pits
- Residential Wells
- ▭ Water Bodies
- Streams
- Concentration (µg/l)
- ▭ 5.0 - 10.0
- ▭ 10.0 - 40.0
- ▭ 40.0 - 70.0
- ▭ > 70.0



ANACONDA MINING INC.
 GOLDBORO GOLD PROJECT, GOLDBORO,
 GUYSBOROUGH COUNTY, NOVA SCOTIA
 GROUNDWATER MODELLING

**SIMULATED ZINC
 CONCENTRATION VERSUS PSS**

Project No. 1122385
 Revision No. -
 Date. April 2022

FIGURE 7.57