

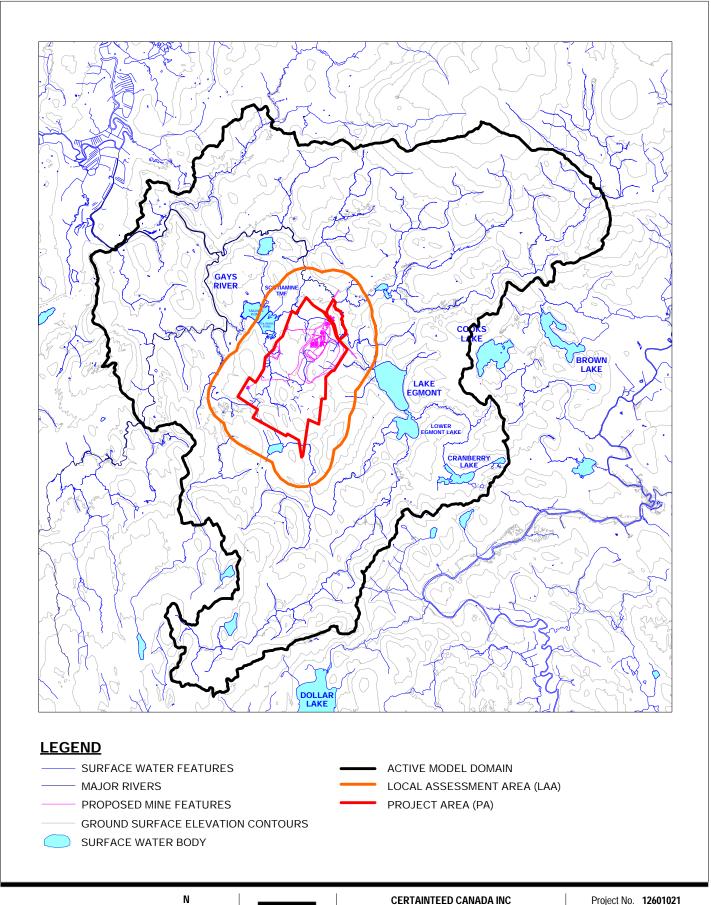


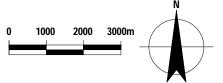
LAKE EGMONT, HALIFAX CO, NOVA SCOTIA **ANTRIM GYPSUM PROJECT**

Date July 2024

REGIONAL BEDROCK GEOLOGY

FIGURE 2.7

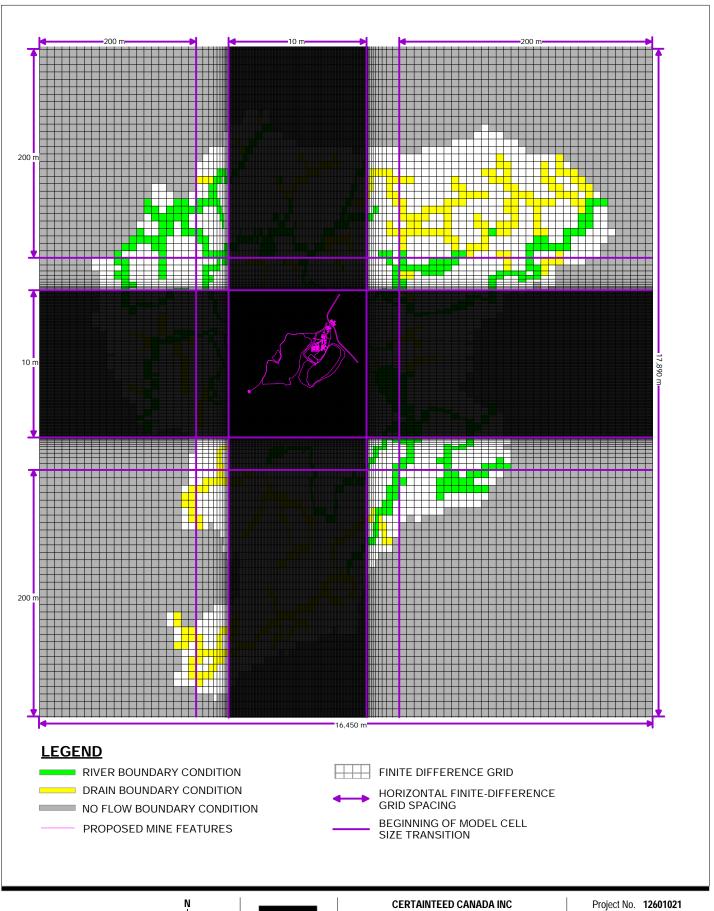


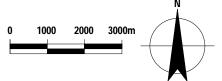




CERTAINTEED CANADA INC LAKE EGMONT, HALIFAX CO, NOVA SCOTIA ANTRIM GYPSUM PROJECT Project No. **12601021**Date **July 2024**

GROUNDWATER FLOW MODEL DOMAIN



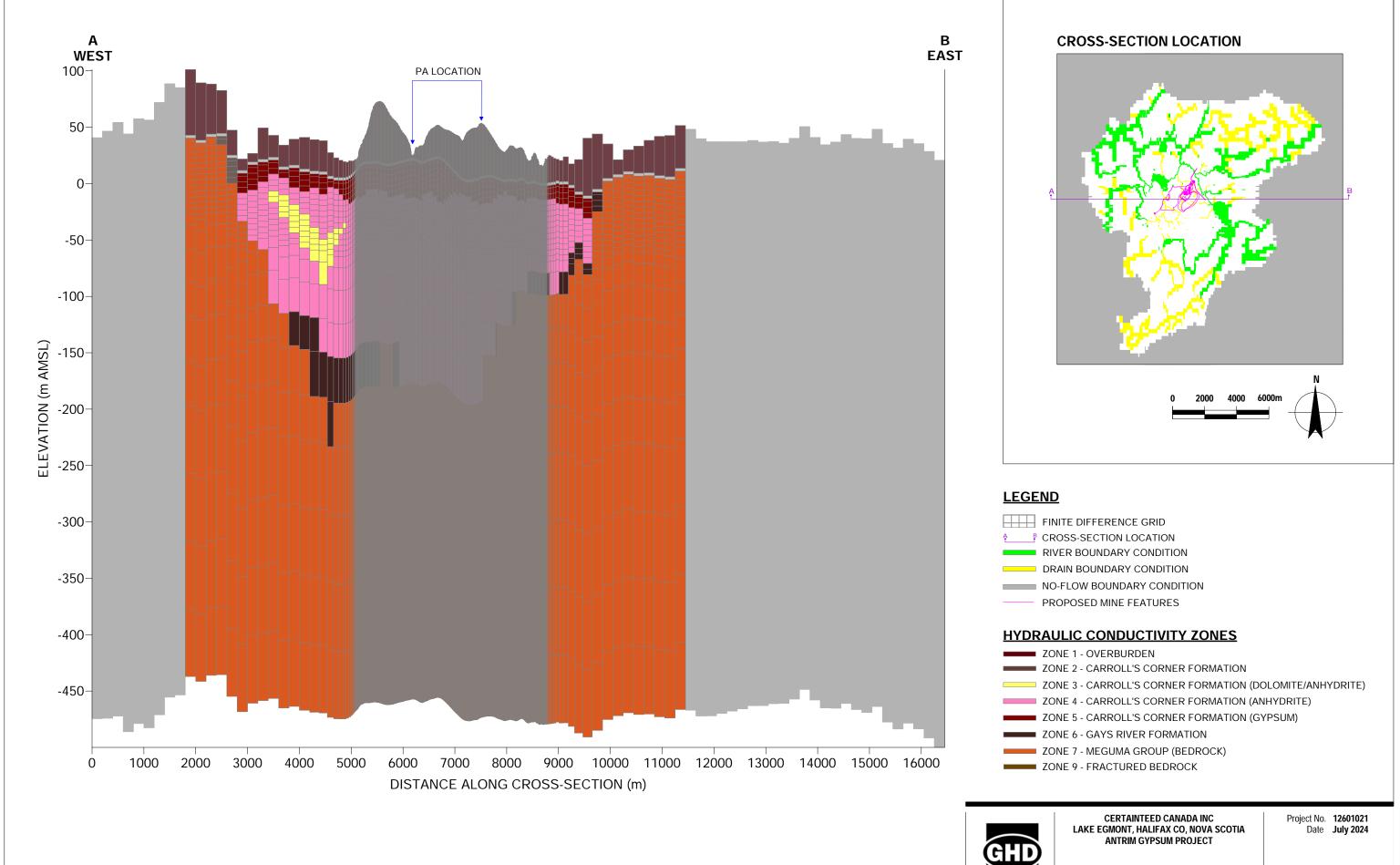




CERTAINTEED CANADA INC LAKE EGMONT, HALIFAX CO, NOVA SCOTIA ANTRIM GYPSUM PROJECT

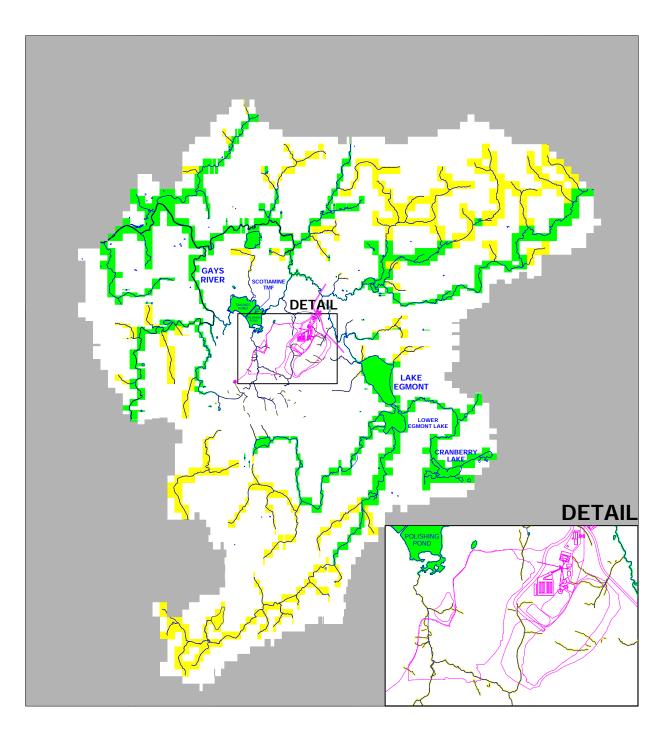
Date **July 2024**

FINITE DIFFERENCE GRID



Filename:Z:\HEG\12601021\06_DOCUMENTATION\RPT\RPT\FIG\Figure 5.3 - Finite Difference Grid Cross Section.srf Plot Date: July 17 2024 11:07 AM

VERTICAL FINITE DIFFERENCE GRID

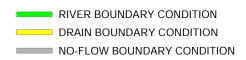


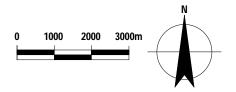
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SURFACE WATER FEATURES

— MAJOR RIVERS

PROPOSED MINE FEATURES

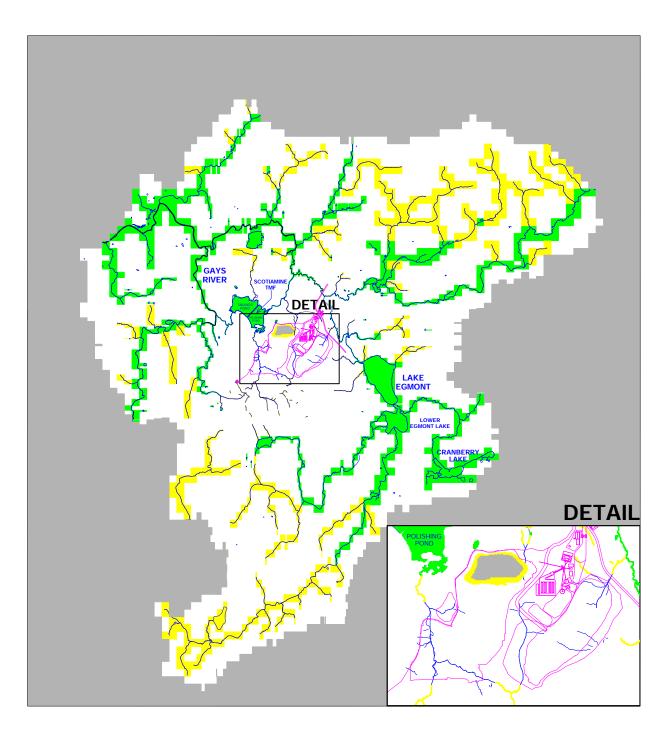






CERTAINTEED CANADA INC LAKE EGMONT, HALIFAX CO, NOVA SCOTIA ANTRIM GYPSUM PROJECT

GROUNDWATER FLOW MODEL BOUNDARY CONDITIONS - BASELINE CONDITIONS Project No. **12601021**Date **July 2024**

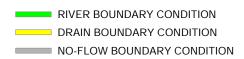


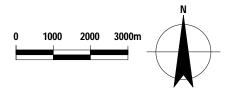
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——— SURFACE WATER FEATURES

— MAJOR RIVERS

PROPOSED MINE FEATURES

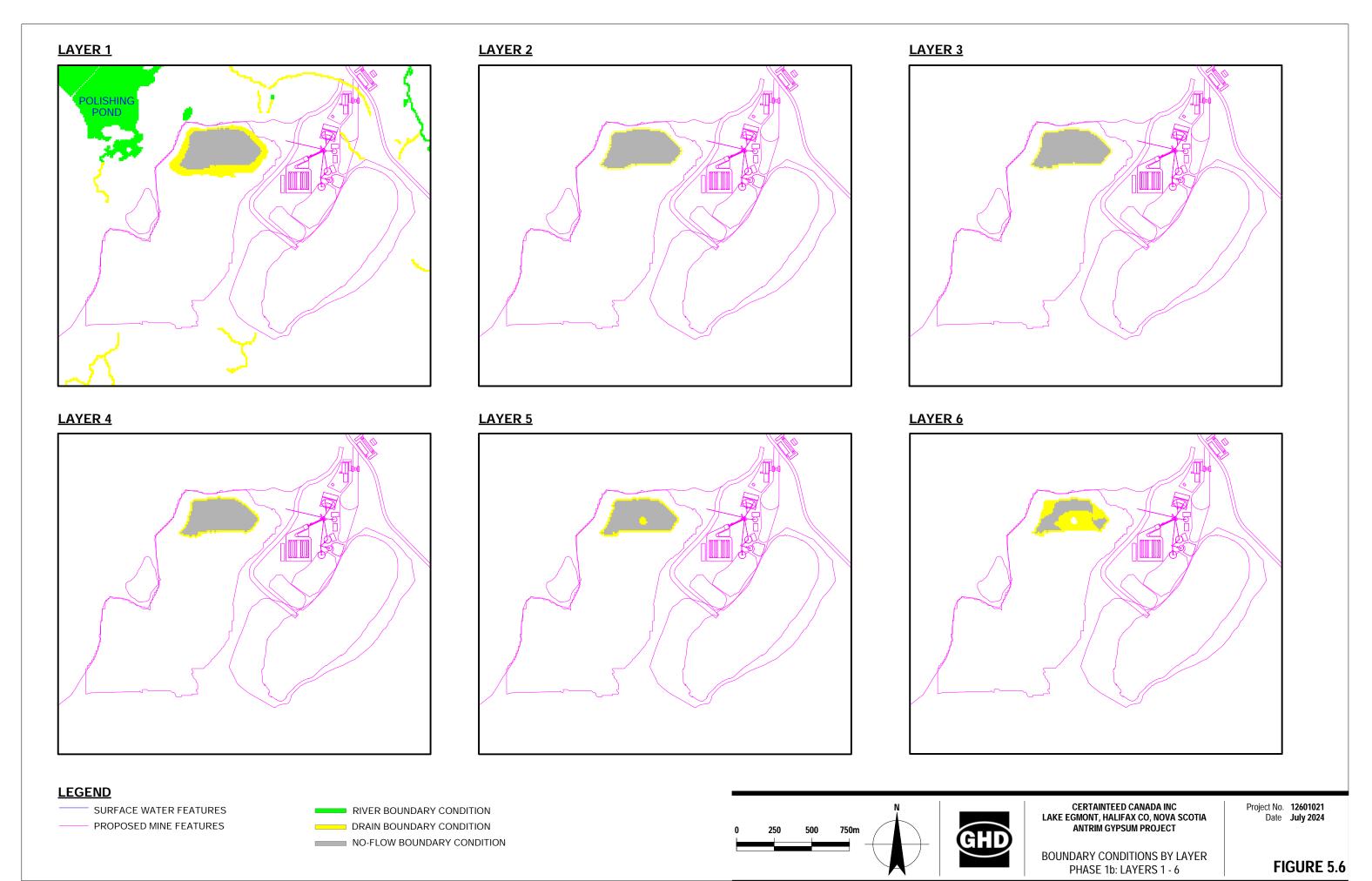




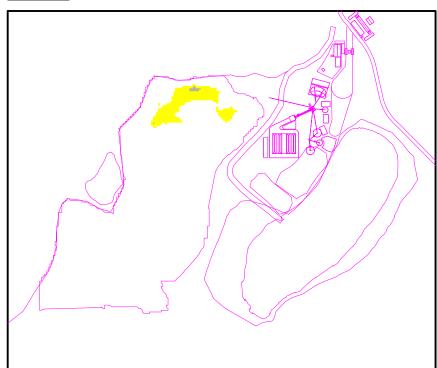


CERTAINTEED CANADA INC LAKE EGMONT, HALIFAX CO, NOVA SCOTIA ANTRIM GYPSUM PROJECT

GROUNDWATER FLOW MODEL BOUNDARY CONDITIONS - PHASE 1b Project No. **12601021**Date **July 2024**



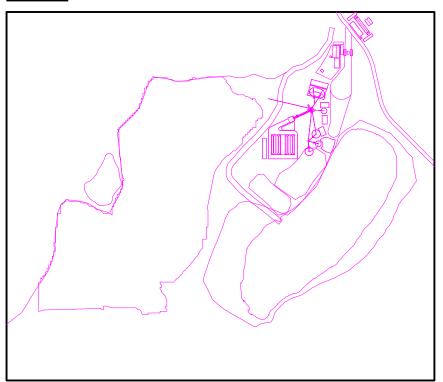
LAYER 7



LAYER 8



LAYER 9

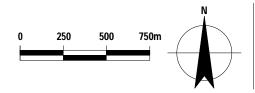


LEGEND

SURFACE WATER FEATURES
PROPOSED MINE FEATURES

DRAIN BOUNDARY CONDITION

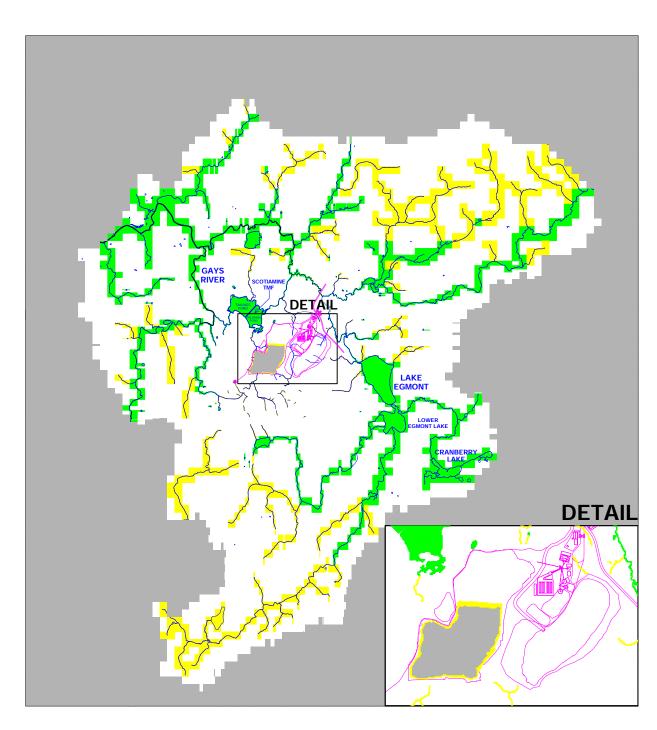
NO FLOW BOUNDARY CONDITION





CERTAINTEED CANADA INC LAKE EGMONT, HALIFAX CO, NOVA SCOTIA ANTRIM GYPSUM PROJECT

BOUNDARY CONDITIONS BY LAYER PHASE 1B: LAYERS 7 - 9 Project No. **12601021**Date **July 2024**

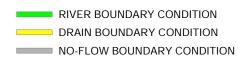


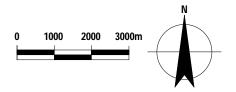
LEGEND

SURFACE WATER FEATURES

— MAJOR RIVERS

PROPOSED MINE FEATURES







CERTAINTEED CANADA INC LAKE EGMONT, HALIFAX CO, NOVA SCOTIA ANTRIM GYPSUM PROJECT

GROUNDWATER FLOW MODEL BOUNDARY CONDITIONS - PHASE 2 END-OF-MINE Project No. **12601021**Date **July 2024**

