

APPENDIX 2

SITE PHOTOS

Phase 2 Photos

Inclined borehole BH-4 in vicinity of tank T-100

Phase 2 and 3 – Cacouna Energy, Gros Cacouna, Quebec



Photo 1. View looking across tank T-101 and T-100 sites towards the St. Lawrence (North).

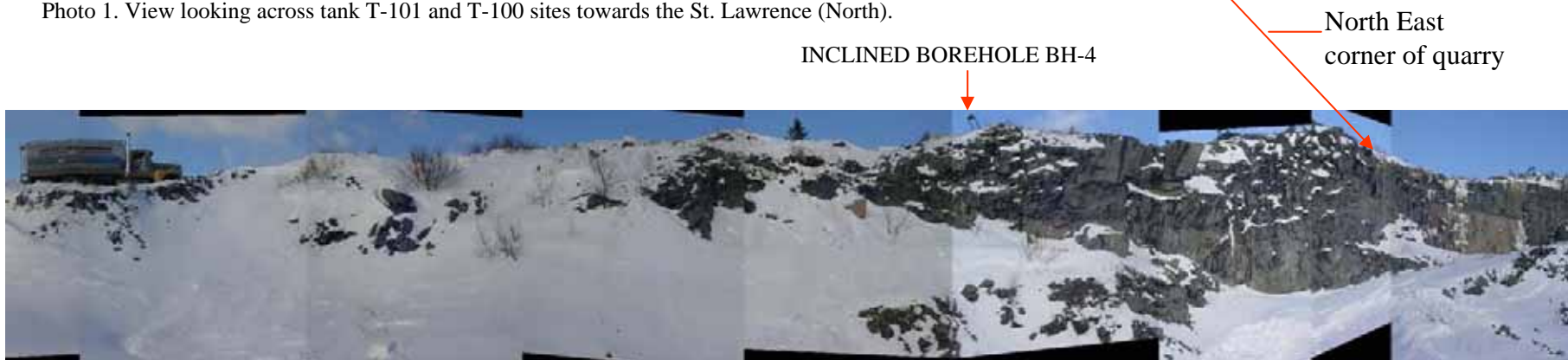


Photo 2. View looking at north-east corner of quarry in vicinity of borehole BH-4 (during drilling).

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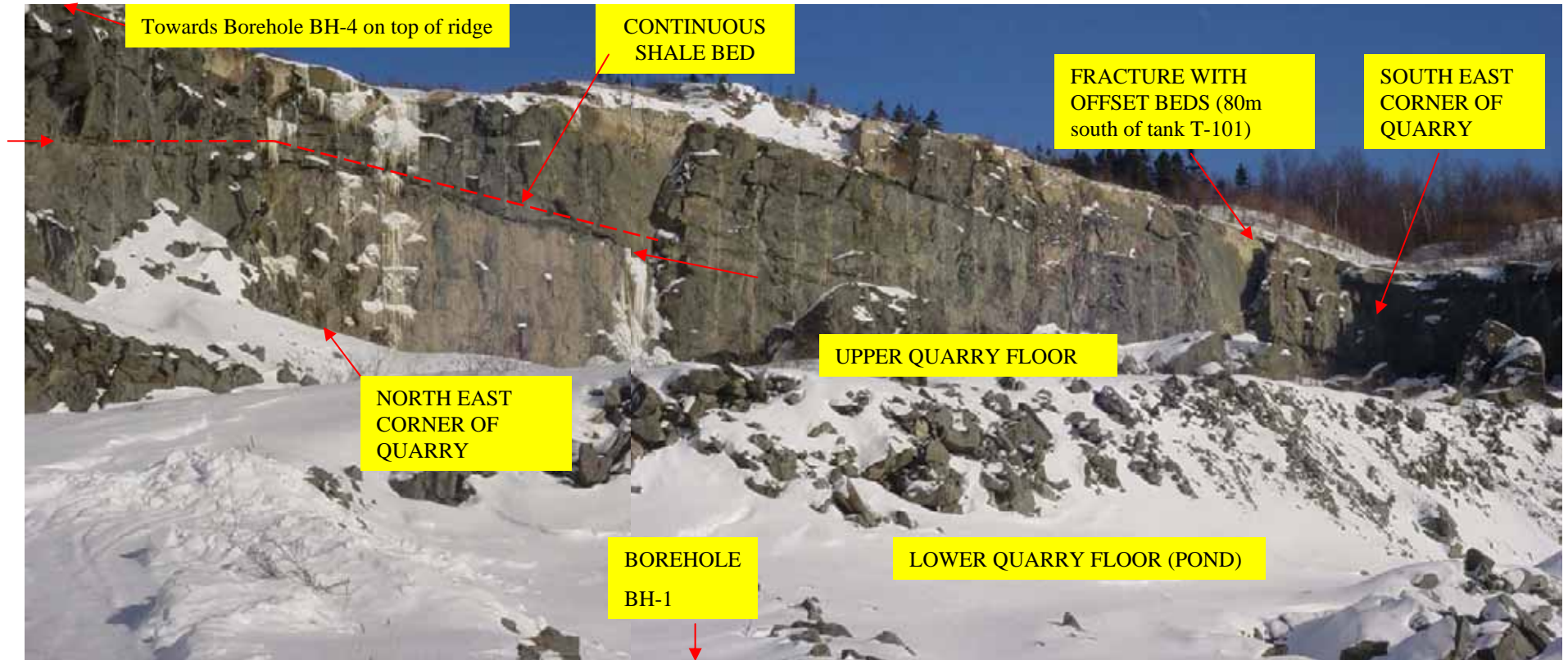


Photo 3. Rock face east of borehole BH-1 and below BH-4 (near tank T-100). Note: No vertical offset of thin shale beds in north-east corner of quarry indicating no fault movement in the area of tank T-100.



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Photo 4. Location of inclined borehole BH-4 (during drilling). Drill is directed perpendicular to the fracture plane in order to intercept a continuation of the plane below tank T-100. Other than minor deformation features caused by folding of the rock in the geological past, no indications of the fracture plane were observed in the core of borehole BH-4. Borehole BH-4 revealed solid sandstone below the elevation of tank T-100.

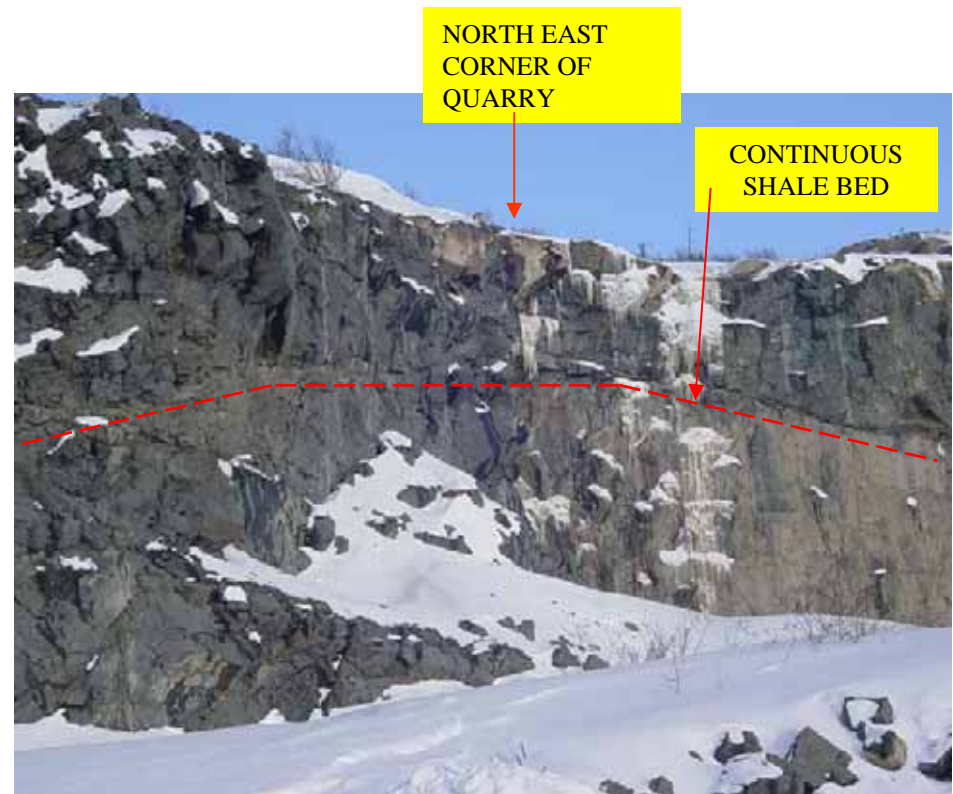


Photo 5. Close-up of north-east corner of quarry. Note: No vertical offset of thin shale beds in north-east corner of quarry indicating no fault movement in the area of tank T-100.



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Photo 6. Area view of a sub-vertical fracture (photo looking south-east). The projection of the fracture plane separating the two massive sandstone beds continues through tank T-101 80m to the north. However, inclined borehole BH-4 and evidence from the north-east corner of the quarry cliff face (i.e., no vertical offset of the shale beds) shows proves that this fracture does not exist in the vicinity of tank T-100.

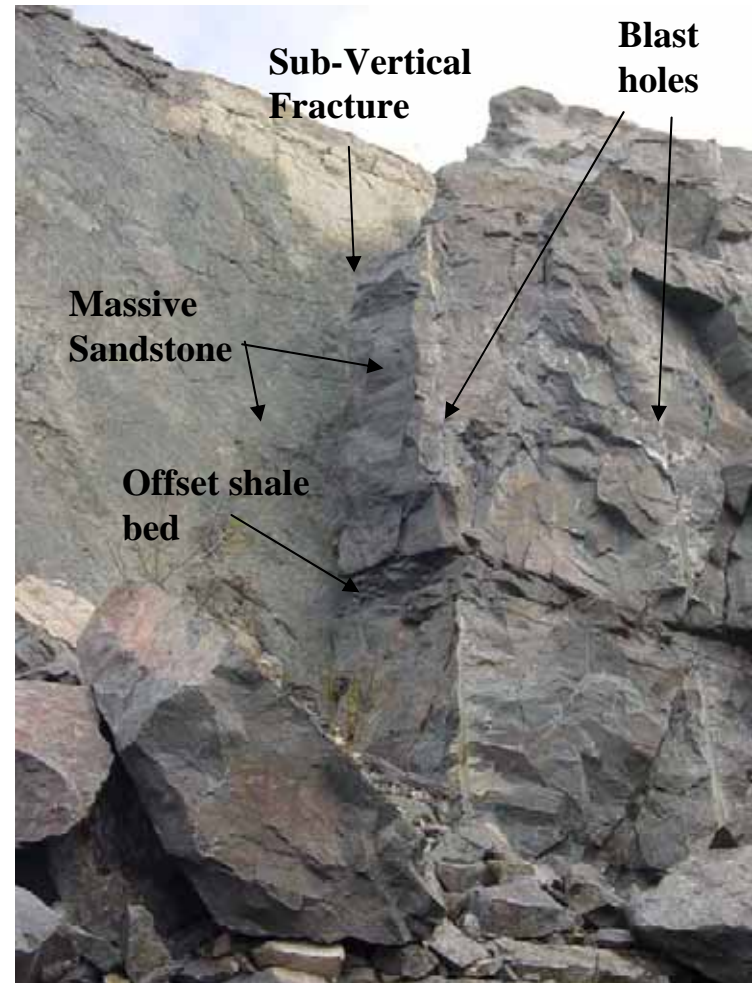


Photo 7. Close-up of sub-vertical fracture.



Phase 3 Photo

Tank T-101

- Deep borehole BH-7 (HQ – 75mm)
 - Seismic cross-hole survey

Phase 3 – Cacouna Energy, Gros Cacouna, Quebec



Photo 8. View of three in-line boreholes (8m apart) used for conducting the cross-hole seismic survey in the footprint of tank T-101. Borehole BH-7 (HQ-75mm) was drilled to a depth of 30m and showed the rock to be solid (strong) below the initial 0.5 metres of blast rock on the surface and 2m of fractured, blast affected rock.



Photo 9. Close-up of borehole BH-5. Note fill placed around blasted rock layer that covers the foot print of tank T-101. Borehole was drilled through blasted rock and continued to a depth of 15m for boreholes BH-5 and BH-6 and 30m for HQ (75mm) borehole BH-7.

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