

Well Number	Type	Use	Collar Eln (mASL)	Water Depth (m below collar)	Water Eln (mASL)	Well Depth (m)
PR 01	cased	monitoring	311.6	6.4	305.2	28.6
PR 02	cased	monitoring	306.7	14.1	292.6	23.0
PR 03	cased	monitoring	305.8	12.9	292.9	27.7
PR 04	cased	monitoring	296.3	11.0	285.3	22.6

Existing Features

- Site Plan Reference**
 - The topographic base was prepared from OBM maps 10-17-695049400, 10-17-695049450, survey control established by J.B. Fieguel, OLS, Lakefield, Ontario and a DEM generated by First Base Solutions Inc., Markham, Ontario.
 - Contours in mASL are shown at 2 metre intervals.
 - Four benchmarks have been established at the 4 monitoring wells on the site.
 - Zoning references taken from Galway, Cavendish and Harvey Township Zoning Schedule H-096.
 - CAD by M. K. McGill
- Hydrogeological Report and Response to Peer Review Comments** by Genivir Consultants LP, Peterborough, Ontario, Sept 10 and June 21, 2012.
- Natural Environment Level 1 and 2 Technical Reports** by Nilbert Environmental Associates Inc., Lindsay, Ontario, Aug 2011 and Natural Environment Addendum, Level 1 and 2 Technical Reports, May 2014.
- Stage 1 and 2 Archaeological Assessment for Proposed Dewdney Mountain Farms Quarry** by Archaeological Research Associates Ltd., Kitchener, Ontario, June 2010.
- Acoustic Assessment Study** by Hugh Williamson Associates Inc., Ottawa, Ontario, July 2014.
- Blasting Impact Study** by Explotech Engineering Ltd., Ottawa, Ontario, June 2014.
- Review of the Hydrogeological Report, Proposed Dewdney Mountain Quarry** by Stantec Consulting Ltd., Kitchener, ON, April, 2012.
- Response to Technical Peer Review Comments (No. 1) Hydrogeological Report-Proposed Dewdney Mountain Quarry** by Genivir Inc., Peterborough, ON, June 2012.
- Review of the Hydrogeological Report, Proposed Dewdney Mountain Quarry** by Stantec Consulting Ltd., Kitchener, ON, July 2012.
- Peterborough Municipal Review - Acoustic Assessment of the Proposed Dewdney Mountain Farms Quarry** by Stantec Consulting Inc., Markham ON, December 2011.
- Peterborough Municipal Review - Blasting and Noise Impact Analysis** by Stantec Consulting Inc., Markham ON, December 2011.

2. Site Description

- Licensed area: 175.32 Ha
- The licensed area consists of undeveloped lands being approximately 60.8 Ha, and logged lands, being approximately 114.5 Ha
- Undeveloped lands are undisturbed except for bush roads, areas of selective logging and three, metre scale aggregate test pits
- Undeveloped lands are populated with a mixture of hardwood and softwood species including maple, spruce, pine, aspen, hemlock, cedar, poplar, elm, ironwood, ash and birch. Areas with predominantly deciduous trees are designated 'hardwood', areas with predominantly coniferous trees are designated 'softwood' and areas with both types are designated 'mixed'.

3. Surface Drainage and Groundwater Table

- Drainage on the site and within 120 metres of the site is by infiltration, small intermittent streams and tiny seeps. Waters flow westerly and southerly from the western part of the license area and westerly along the northern portion of the license area. Overland drainage is indicated by arrows on the plan.
- The water table is at an estimated elevation of between 285.3 and 305.2 mASL based on water levels measured in 4 monitoring wells and the Hydrogeological Report, Proposed Dewdney Mountain Quarry, by Genivir Consultants LP, September 2010.

4. Fences

- Remnants of post and rail fence line along the southern and eastern license boundary. Remnants of a rail fence lie along a portion of the north-south lotline off on the southern license boundary.

5. Wells

- Two unused historic dug wells are present, one within the licensed area and a second within the 120 metre buffer zone. Two private wells are located beyond the 120 metre buffer.

6. Cross Sections

- Cross Sections are located on Page 5 of 5.

Dewdney Mountain Farms Quarry

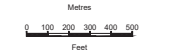
Legend

- License Boundary
- Lot Lines
- 120 m perimeter line
- Fences
- All Weather Roads
- Logging roads, trails
- Entrance/Exit
- Goutre
- Contour Lines (mASL)
- Spot Elevations (mASL)
- Bench Marks
- Natural Bushlines
- Logged Areas
- Wetlands, Partially Treed
- Streams
- Surface Drainage Direction
- Monitoring Wells
- Other Wells
- Buildings

Zoning Legend

- RU = Rural
- WS = Wilderness
- HL = Hazard Land

Part Lot 28, 29 & 30, Con 15
Geographic Township of Harvey
in the
Municipality of Trent Lakes
(Formerly the Township of Galway-Cavendish and Harvey)
County of Peterborough



Scale 1:2500
NAD 83 T17

contour interval 2 metres

Existing Conditions
Page 1 of 5

Quarry Licensed To:
Dewdney Mountain Farms Ltd.
543 Ledge Road
Trent Lakes, Ontario, K0M 1A0

revised May 1, 2020



I acknowledge and shall carry on the operation of this site in accordance with the site plan upon which my license is based.
Paul Ritchie _____ Date _____

Site Plans Approved By:
Ministry of Natural Resources _____ Date _____

* This site plan is prepared under the Aggregate Resources Act for a Class A license, Category 4*

Schedule 1		Submissions/Site Plan Amendments					
The following conditions illustrated on this plan vary from the requirements of the Provincial Standards		Item	Section	No.	Date	Submission/Amendment	Approved by
No fencing to be constructed on the north, west and south boundaries. Unfenced portions of these boundaries to be marked with flagging and signs except within wetlands.			5(1)	1.	August 2009	First Site Plan Submission	
				2.	November 2011	Second Site Plan Submission	
				3.	Feb 25 2013	Peer Review Amendments	
				4.	Aug 19 2014	Revisions as shown at OMB hearing	