

**LEGEND**

- HYPISOGRAPHIC CONTOURS WITH ELEVATION INDEX
- TH93-02 TEST HOLE (YEAR 1993, No. 02)
- TREE, SPOT ELEVATION
- MONUMENT, STANDARD IRON PIN
- DITCH/CREEK CENTRE
- ROAD
- DISTRICT LOT BOUNDARY
- PARCEL BOUNDARY
- RESERVE BOUNDARY
- GRANULAR BOUNDARY
- SURVEY BOUNDARY
- GARDEN, LAWNS, VEGETATION
- TREE LINE
- CSA CRUSHER SETUP AREA
- DEVELOPMENT DIRECTION
- 10 m BUFFER AREA
- STOCKPILE AREA:  
SA-A = AGGREGATE  
SA-OB = OVERBURDEN  
SA-TS = TOPSOIL  
SA-RJ = REJECT  
SA-DEB = DEBRIS

- GENERAL NOTES**
- Coordinates are UTM Zone 10 NAD 83.
  - Lot boundaries are approximate.
  - Survey date: April, 2004.

- MINING NOTES**
- General:**
- Development areas are based on sampling completed to a 5 metre depth. Once these thicknesses have been extracted re-evaluation of material quality will be required.
  - A minimum 2 metre cleared, grubbed and stripped zone is to be maintained above all active pit faces.
  - All pit development slopes will be 1.5 H to 1.0 V.
  - All final reclamation slopes will be 2.0 H to 1.0 V.
  - The pit is to be developed in accordance with: Health, Safety and Reclamation Code for Mines in B.C., Reclamation and Environmental Protection Handbook for Sand, Gravel and Quarry Operations in B.C., Aggregate Operators Best Management Practices Handbook for B.C.
  - For material extractions in excess of 1000 m<sup>3</sup> a Sand and Gravel/Quarry Operations Notice of Work form (H1258) must be sent to the Ministry of Energy and Mines 14 days prior to commencement of operations.
  - The dumping of off-site soils, overburden or road building debris is not permitted.
  - An H1263 Gravel/Aggregate Usage Report must be completed and submitted to the Aggregate Resource Manager for all pit run and crushed materials used or produced.
- Development Area "A":**
- Selective mining and the use of a primary crusher is required.
  - The addition of blend sand may be required to meet MAM specification.

**APPROVED USAGE**

AREA	PIT RUN	SCSB	WGB (mm)			PAVING			BEF	WAB
			25	50	75	MAM	CAM	SUPER		
A	✓	✓				✓				



INFORMATION PROVIDED HEREIN IS INTENDED TO BE USED BY THE MINISTRY OF TRANSPORTATION IN CONJUNCTION WITH ALL OTHER DATA RELEVANT TO THE SITE. THE SOIL AND GROUND WATER CONDITIONS SHOWN ARE REPRESENTATIVE AT THE TEST HOLE LOCATIONS ON THE DATES INDICATED. CONDITIONS ARE SUBJECT TO CHANGE WITH TIME. THE MINISTRY OF TRANSPORTATION SHALL NOT BE HELD LIABLE FOR ANY CLAIMS OR ACTIONS ARISING FROM THE USE OR INTERPRETATION OF THE DATA HEREIN PROVIDED.

DRAFTING BY:



SCALE: 0 1:2000 50

REV.	DATE	REVISIONS	INITIALS

**BRITISH COLUMBIA** Ministry of Transportation and Infrastructure  
Geotechnical and Materials Engineering

CAD FILE: PDP0099.DWG  
PDF: PDP0099.PDF  
NEGATIVE: -

DESIGNED: TL DATE: 2018-01-03  
DRAWN: IWTS DATE: 2018-01-03  
CHECKED: TL DATE: 2018-01-03

**HOT-IN-PLACE ROAD RESURFACING H19 COURTENAY AREA**  
**COOK CREEK PIT #0099**  
**PIT DEVELOPMENT PLAN**

FILE No. 0099	PROJECT No. 16735-2018	REG 1	DRAWING No. -
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CANCEL PRINTS BEARING PREVIOUS LETTER