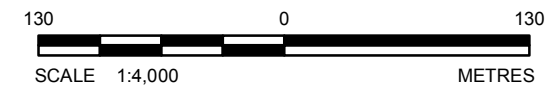




- LEGEND**
- PROJECT COMPONENTS**
- Project Area
  - Proposed Aggregate Pit Phases
  - McNab Creek Flood Protection Dyke
  - Pit Lake Containment Berm
  - Soil Deposit Area (Salvaged Soil Stockpiles)
  - Fines Storage Area
  - Processing Area
  - Elevated Conveyor
  - Underground Conveyor
  - Below Pile Conveyor
  - Barge Route
  - Proposed Groundwater Use Well
  - Proposed Culvert
  - Existing Culvert
  - Existing Feature
  - Channel Infill (WC 2 Plug) Riprap and Filter Zone
  - WC 2 Extension - Year 1 Construction
  - WC 2 Extension - Closure Construction
  - Outlet Structure with Spillway and Low-Level Outlet (Post-Closure)
  - Final Pit Lake Boundary
  - Amphibian Compensation Pond
  - Product Stockpiles
  - Possible Processing Infrastructure Configuration

- BASEMAP DATA (TRIM / McElhanney)**
- Mature Forest
  - Existing Road
  - Existing Log Tenure Area
  - Existing Transmission Lines
  - Contour (20m)
  - Permanent /Perennial Watercourse
  - Intermittent Watercourse
  - Interstitial Watercourse
  - Ephemeral Watercourse
  - Constructed Watercourse Phase 1 (1985)
  - Constructed Watercourse Phase 2 (1996)
  - Constructed Watercourse Phase 3 (2001-2003)
  - 100 Year Flood Inundation Area



PROJECT		BURNCO ROCK PRODUCTS LTD. BURNCO AGGREGATE PROJECT, HOWE SOUND, B.C.	
TITLE		100 YEAR FLOOD INUNDATION AREA	
	PROJECT NO.	11-1422-0046	PHASE No.
	DESIGN	KZ 2 Nov. 2016	SCALE AS SHOWN
	CHECK	JP 4 Apr. 2017	REV. 0
	REVIEW	CC 4 Apr. 2017	

**REFERENCE**  
DEM from Geobas. Base data from the Province of British Columbia. Contours from TRIM positional data. Additional detailed site features provided by McElhanney. Projection: UTM Zone 10 Datum: NAD 83

Path: Y:\Vancouver\Spatial Data\Project Data\BC\McNab\Figures\MXD\Hazards\Figure\_X\_500yr\_Flood\_Profile\_Sections\_Dyke\_Design.mxd