



CONSTRUCTION MATERIALS LEGEND:

- ZONE ① CLAY OR BENTONITE-SAND MIX (KEY TRENCH)
- ZONE ② PROCESSED SAND (FILTER / DRAIN)
- ZONE ③ PROCESSED GRAVEL (TRANSITION)
- ZONE ④ INERT ROCKFILL (SHELL)
- ZONE ④A PROCESSED INERT ROCKFILL (150mm MINUS TRANSITION)
- ZONE ⑤ RIP RAP (EROSION PROTECTION)
- ZONE ⑥ PIT-RUN SAND & GRAVEL (ROAD SURFACING)
- ZONE ⑦ GENERAL ROCKFILL (SHELL)

NOTES:

1. ALL ELEVATIONS ARE METRIC UNITS REFERENCED TO GEODETIC DATUM.
2. TYPICAL DAM SECTIONS ARE SHOWN TO ILLUSTRATE THE PRINCIPAL DAM DESIGN FEATURES.
3. ROCKFILL WITH POTENTIAL TO GENERATE ACID OR TO LEACH ARSENIC MUST BE PLACED IN ZONE 7 ONLY. ZONE 7 MATERIAL MAY BE REPLACED WITH ZONE 4 MATERIAL (INERT WASTE ROCK).
4. ZONE 4A (TRANSITION MATERIAL) MAY BE REPLACED WITH ZONE 4, DEPENDING ON THE GRADATION OF ZONE 4 MATERIAL.
5. ZONE 5 MAY BE REPLACED WITH ZONE 4, IN AREAS WHERE A TAILINGS BEACH WILL BE PLACED EARLY IN OPERATIONS.
6. STABILIZATION BERM IS REQUIRED AT THE TOE OF DOWNSTREAM SLOPE.

NOT TO SCALE

PLOT DATE: October 09, 2008
FILENAME: T:\Projects\2005\05-1117-032 (FML, Yellowknife)\-GI-051117032GH07.dwg

 Golder Associates Mississauga, Ontario, Canada	SCALE	AS SHOWN	SEDIMENTATION POND DAM(S) TYPICAL SECTION
	DATE	OCT. 2008	
FILE No.	051117032GH07.dwg	DESIGN	KH
PROJECT No.	05-1117-032	CAD	NK
REV.	0	CHECK	MR
		REVIEW	DW
NICO PROJECT FORTUNE MINERALS LIMITED			FIGURE 7