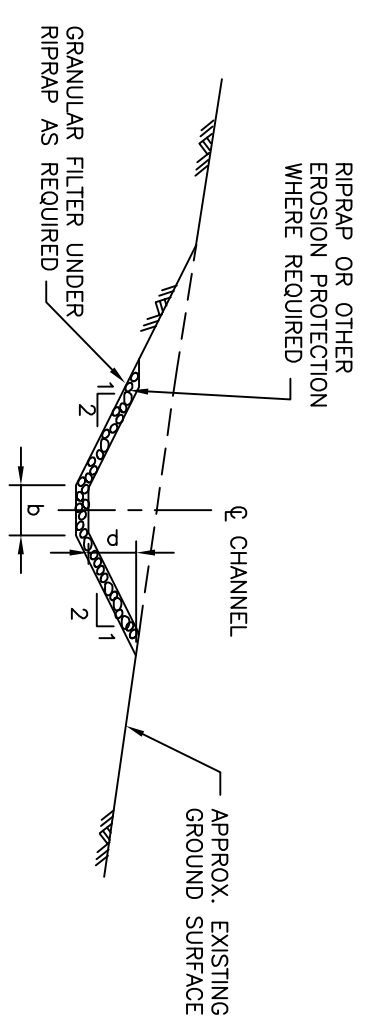


PLAN
SCALE A

PROJECT		DESCRIPTION	
NO.	DATE	NO.	DATE
PROJECT		DESCRIPTION	
NO.	DATE	NO.	DATE



TYPICAL DIVERSION AND SEEPAGE COLLECTION DITCH CROSS-SECTION
(SEE TABLE 1)

TABLE 1 – APPROXIMATE CHANNEL DIMENSIONS

DESCRIPTION	MINIMUM WIDTH b (m)	MINIMUM DEPTH d (m)	INVERT ELEV. AT DAM (m)
DIVERSION DITCH A	1.0	1.3	
DIVERSION DITCH B	1.0	1.3	
SEEPAGE COLLECTION DITCH C	0.6	0.7	
DIVERSION DITCH D	0.6	0.6	
DIVERSION DITCH E	0.6	0.6	
STARTER DAM SPILLWAY	3.0	1.7	1308.0
TAILINGS POND CLOSURE SPILLWAY	3.0	1.7	1314.0
SEEPAGE DAM SPILLWAY	0.6	0.6	1286.0

LEGEND

(F) APPROXIMATE LOCATION OF FLOW MEASURING STRUCTURE

NOTES

1. CHANNEL SIZES SHOWN IN TABLE 1 ARE FOR CHANNEL REACHES WITH SLOPES IN THE ORDER OF 0.5%. SMALLER CHANNELS MAY BE USED THROUGH STEEPER SECTIONS WHERE DEEMED APPROPRIATE.
2. MINIMUM DEPTH INCLUDES MINIMUM 0.3m FREEBOARD FOR DIVERSION AND SEEPAGE COLLECTION DITCHES, 0.3m FOR SEEPAGE COLLECTION POND SPILLWAY CHANNEL AND 0.6m FOR TAILINGS POND SPILLWAY CHANNELS.
3. FLOW MEASURING STRUCTURE MAY CONSIST OF A SHARP-CRESTED WEIR WITH A STAFF GAUGE, OR OTHER SUITABLE DEVICE.

SCALE A 0 300m

SECTION:	SCALE:	DATE:
DESIGN BY: RLO	DESIGN BY: RLO	
DRAWN BY: CWV	CHECK BY: ---	
APP. BY: HM		

FILENAME: PROJECT NUMBER: M09234A02 DRAWING NUMBER: 7.9-1 REV: A

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Yukon Zinc CORPORATION
WOLVERINE PROJECT
TAILINGS FACILITY
DIVERSION DITCHES AND SPILLWAYS
PLAN AND TYPICAL SECTION