



NOTES

1. THE INUNDATED AREAS SHOWN ON THE PLAN ARE BASED ON AN ASSUMED DAM BREACH AND REFLECT AN EVENT OF AN EXTREMELY REMOTE NATURE. THE RESULTS ARE NOT INTENDED TO REFLECT IN ANY WAY ON THE INTEGRITY OF JUMP CREEK AND SOUTHFORKS DAMS.
2. THE OUTLINE OF THE INUNDATED AREAS MUST BE CONSIDERED APPROXIMATE. WHEREVER THE BOUNDARIES OF THE INUNDATED AREA ENCRUSH UPON A COMMUNITY OR POPULATION CENTRE, THE ADJACENT AREAS SHOULD ALSO BE CONSIDERED AS HAVING THE POTENTIAL TO BE INUNDATED UNLESS THEY ARE CLEARLY ON HIGHER GROUND.
3. TIME 0.0 HOURS CORRESPONDS TO THE START OF FORMATION OF A BREACH IN SOUTHFORKS DAM.
4. ALL ELEVATIONS ARE TO GEODETIC SURVEY OF CANADA (GSC) DATUM.
5. MAXIMUM WATER DEPTH WAS COMPUTED FROM THE DEEPEST POINT OF THE RIVER.
6. INUNDATED AREAS WERE DELINEATED BASED ON THE MAXIMUM FLOOD ELEVATION ESTIMATED AT EACH CROSS-SECTION BY THE DAMBRK MODEL. DAMBRK IS A ONE-DIMENSIONAL COMPUTER MODEL AND IS NOT CAPABLE OF ESTIMATING LATERAL VARIATIONS IN FLOOD LEVELS ACROSS A CROSS-SECTION.

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TO BE READ WITH KLOHN LEONOFF REPORT DATED NOV. 22, 1990			
SCALE:	REV. DATE	REVISION DETAILS	
	R.R.	DRAWN F.C.	DATE OCT. 1990 SCALES 1:20 000
PROJECT DAM SAFETY INVESTIGATION HYDROLOGY STUDIES AND INUNDATION MAPPING		TITLE INUNDATION MAP LOWER NANAIMO RIVER	
CLIENT: GREATER NANAIMO WATER DISTRICT	DATE OF ISSUE NOV. 22, 1990	PROJECT NO. PB 5409 01	DWG. NO. X-1312



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