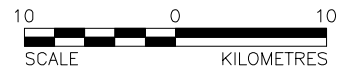


LEGEND

- PIERRE RIVER MINING AREA
 - JACKPINE EXPANSION MINING AREA
 - JACKPINE MINE - PHASE 1
 - LEASE SWAPPED TO SYNCRUDE
 - LAKE PERIMETER LEVEE
- LOCAL STUDY AREA**
- HYDROLOGY, WATER QUALITY, FISH AND FISH HABITAT
 - HYDROGEOLOGY

REFERENCE

ALBERTA DIGITAL DATA OBTAINED FROM ALTALIS LTD. (SEPTEMBER 2004.)
 USED UNDER LICENSE. PROJECTION: TRANSVERSE MERCATOR
 DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 12



PROJECT	JACKPINE MINE EXPANSION & PIERRE RIVER MINE PROJECT			
TITLE	AQUATIC RESOURCES LOCAL STUDY AREAS			
	PROJECT 06-1346-022.6500	FILE No.	LSA	
	DESIGN AT 28/09/07	SCALE AS SHOWN	REV. 0	
	CADD TY 27/11/07			
	CHECK AT 29/10/07	FIGURE: 4-1		
	REVIEW WES 05/12/07			