

*D/L*  
SUBJECT

Depositional Environments

Summary table



503631

DATE

Cirque Midway Windy Crags

VIEW FROM THIS SIDE

## DEPOSITIONAL ENVIRONMENTS

	WINDY-CRAGGY	MIDWAY*	CIRQUE
PRE ORE	SUBMARINE VOLC. RIFTING	DISTAL TURB.	STARVED BASIN
SYN ORE	DIORITE INT. ? FAULTING ?	FAULTING BASIN TILTING	FAULTING BASIN TILTING
POST ORE	TURBIDITES LOCAL VOLC.	PROGRADING TURB. FANS	PROGRADING TURB. FANS
HYDRO. SYS.	HIGH T → PPT NEAR VENTS → THICK SULPH. MOUNDS	MOD. T → VEINS, OPEN SPACE FILLING PPT ON SEA FLOOR OVER WIDE AREA	LOW T → BRINE SATURATION BARITE PPT OVER WIDE AREA
CONTROLS	INTRA BASIN SPREADING CENTRE ? RIFT TROUGH	LIMESTONE – SHALE CONTACT MAJOR FAULTS ?	SEA FLOOR DEPRESS., MAJOR NW FAULTS

\*ASSUMES TIMING OF LOWER ZONE MIN. = TIMING OF EXHALATIVE MIN.