SURVEYING AND MAPPING DIVISION

Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

	MASCOT DSS-1	
Horz Datum NAD83 Updated: 1980-01-01	ASC	M 1776
Latitude 51 09 29.00000 dms	Marker Installed 80-06	
Longitude 114 16 52.00000 dms	Tablet Marking	s 77A214
Horz Class APPROXIMATE , ORDER U	Date Printed 2025-08-03 Last Updated 2020-07-28 Mapsheet Nam	CALCADY T
Vert Datum CVD28 Updated: 2000-06-15	Last Updated 2020-07-28 Mapsheet Nam Mapsheet Numbe	
Elevation 1279.716 m	For current information call Geodetic Survey	1 3007 - 010
	(780) 427-3143 FAX: (780) 427-1493 Marker Condition	n DESTROYED 20-03-05
3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
Scale Factor 0.999900 At Ref Mer 114	ASCM Tablet Horizontal Std PPM/ Grid/ Grnd	Grid Std T-t
1.1	To Markings Distance Dev Order Factor	Bearing Dev Corr
Northing 5669139.975 m	(m)(cm)	(dms) (s) (s)
Easting -19664.244 m Convergence -0 13 08.23 dms		
Station Ellipsoid Factor 0.999802		
Station Combined Factor 0.999707		
		
GEOID DATA (GSD95) Updated: 01-12-10		
Component Magnitude Std Dev	MARKER TYPE	Updated: 2001-12-06
Meridian Defl,XI(+N) 1.7 s 2 s	IRON PIPE WITH BRASS CAP	
Prime Vert Defl,ETA(+E) 7.4 s 2 s	IRON IIIE WIIII DRAGO CAI	
Geoid_Ellip Separation -15.86 m 1 m		
	MARKER LOCATION	Updated: 2001-12-06
COORDINATE HISTORY HORZ VERT		
	CALGARY	
Originating Project 12121	CAP AT NORTHWEST CORNER OF INTERSECTION OF CROWCHILD TRAIL	
Published 80-01-01		
Revising Project 98016	45.0M NORTH OF CENTRE LINE OF CROWCHILD ROAD, 18.6M WEST OF CENTRE LINE OF BEARSPAW ROAD,	
Published 00-06-15		
Revising Project	1.1M SOUTH OF FENCE LINE AND AT ROAD LEVEL.	
Published		
Revising Project		
Published		
		
NON COORDINATE REVISIONS		
1980-06-01 FIRST MARKER LOCATION	MARKER CONDITION COMMENTS	Inspected Updated
DESCRIPTION ENTERED	MARKER CONDITION COMMENTS	Inspected opdated
2003-03-12 "MAPSHEET NAME" AND	MARKER REPORTED AS DESTROYED	2020-03-05 2020-07-28
"MAPSHEET NO" CHANGED	MARKER REPORTED IN GOOD CONDITION	1990-07-19 1991-01-03
2001-12-10 'MAPSHEET NAME' AND/OR		
'MAPSHEET NUMBER' CHANGED		
1992-12-16 NGDB NUMBER AND		
NGDB NAME ENTERED	COORDINATE HISTORY COMMENTS	
1988-08-03 BLANK 'VERT CLASS' UPDATED		
WITH PROPER INTEGRATION STATUS	HORZ 80-01-01 APPROXIMATE COORDINATES	
HISTORICAL/OTHER MARKER NAMES		
	VERT	
OLD ASC # 56674 168001 NGBD # 77A214	00-06-15 0.048 m REVISED ELEVATION-BETTER	INTEGRATION
NGBD NAME 77A214	80-01-01 ELEV FROM GSC QUAD BOOK	(VERT CONTROL DATA)