

SURVEYING AND MAPPING DIVISION  
Alberta Survey Control Marker (ASCM) Information  
MASCOT DSS-1

Horz Datum NAD83	Updated: 1994-05-24	ASCM	11270
Latitude 50 57 01.76976 dms		Marker Installed	70-03
Longitude 114 07 42.56053 dms		Tablet Markings	70105/2861
Horz Class INTEGRATED	, ORDER U	Date Printed	2025-08-03
		Last Updated	2003-03-12
Vert Datum CVD28	Updated: 1989-08-23	Mapsheet Name	CALGARY F
Elevation 1124.712 m		Mapsheet Number	5646 - 008
Vert Class INTEGRATED	, CONSULT AGENCY	For current information call Geodetic Survey	
		(780) 427-3143	FAX: (780) 427-1493
		Marker Condition	GOOD 70-03-01

3TM COORDINATES	ADJACENT MARKERS (calculated)	Updated:
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Scale Factor 0.999900	At Ref Mer 114	ASCM Tablet	Horizontal Std PPM/ Grid/ Grnd	Grid	Std	T-t
		To Markings	Distance Dev Order	Bearing	Dev	Corr
			(m)(cm)	(dms)	(s)	(s)
Northing 5646021.225 m						
Easting -9028.323 m						
Convergence -0 05 59.23 dms						
Station Ellipsoid Factor 0.999826						
Station Combined Factor 0.999727						

GEOID DATA (GSD95) Updated: 96-01-06

Component	Magnitude	Std Dev	MARKER TYPE	Updated: 1971-04-21
Meridian Defl,XI(+N)	4.0 s	2 s	TEMPORARY	
Prime Vert Defl,ETA(+E)	7.0 s	2 s		
Geoid_Ellip Separation	-15.91 m	1 m		

COORDINATE HISTORY	HORZ	VERT	MARKER LOCATION	Updated: 1971-04-21
Originating Project	70105	70105	TEMPORARY	
Published	71-04-21	71-04-21		
Revising Project	NAD83	89153		
Published	94-05-24	89-08-23		
Revising Project				
Published				
Revising Project				
Published				

NON COORDINATE REVISIONS

1971-04-21	FIRST MARKER LOCATION DESCRIPTION ENTERED	MARKER CONDITION COMMENTS	Inspected	Updated
2003-03-12	"MAPSHEET NAME" AND "MAPSHEET NO" CHANGED			
1990-12-28	'VERT CLASS' CHANGED FROM "UNIQUE, CONSULT AGENCY"			
1990-08-21	DUPLICATE ASCM# 64378 FOR THIS MARKER DELETED			

	HORZ 94-05-24	ALBERTA NAD83 READJUSTMENT
HISTORICAL/OTHER MARKER NAMES	VERT	
OLD ASC # 56434 87002	89-08-23	-2.356 m ELEV RE-PUBLISHED (PSEUDO-ELEV PROBLEM)

HISTORY 56434 87002