

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 58 40.33956 dms  
Longitude 113 54 41.85517 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 63362

Tablet Markings 646+8.3

Date Printed 2025-08-03  
Last Updated 2021-11-15

Mapsheet Name CALGARY C  
Mapsheet Number 5649 + 008

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1037.537 m  
Vert Class INTEGRATED , SPIRIT LEVELS

For current information call Geodetic Survey  
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 93-03-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5649062.792 m  
Easting 6205.948 m  
Convergence 0 04 07.17 dms  
Station Ellipsoid Factor 0.999840  
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
580928 580928	670.198	1	18/1	0.999741	183 10 07.23	1.5	-0.01
924266 924266	942.909	1	13/1	0.999741	242 19 38.17	1.0	-0.01
245845 646+8.4	1445.978	1	11/1	0.999741	179 58 08.28	0.9	-0.02
267666 649+8.27	1555.939	1	9/1	0.999740	317 16 17.69	0.8	0.02
562967 562967	1822.980	1	9/1	0.999741	359 05 51.93	0.8	0.03

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	3.2 s	2 s
Prime Vert Defl,ETA(+E)	3.4 s	2 s
Geoid_Ellip Separation	-16.33 m	1 m

MARKER TYPE

Updated: 1993-04-20

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND, 0.20 M WEST OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project	75117	75117
Published	83-07-26	83-07-26
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		93070
Published		94-03-04
Revising Project		
Published		

MARKER LOCATION

Updated: 1993-04-20

LOCATED ON THE E/S OF 84 STREET AND SOUTH OF GLENMORE TRAIL S.E.; 0.60 M WEST OF EAST BDY OF 84 STREET FENCE LINE; 180 M SOUTH OF SOUTH BDY OF GLENMORE TRAIL FENCE LINE; 2.20 M NORTH OF SMALL TREE IN DITCH.

NOTE: ELEVATION SHOWN IS AS RE-ADJUSTED IN JUNE 1979.

NON COORDINATE REVISIONS

1975-10-20 FIRST MARKER LOCATION DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1993-03-03	1993-04-20
MARKER REPORTED IN GOOD CONDITION	1992-06-03	1992-07-08
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-07-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56463 8 3

VERT

99-08-16	0.008 m	ELEVATION REVISED AND REINTEGRATED
94-03-04	0.012 m	ELEVATION REVISED-INTEGRATED INTO CCS DBM NET

HISTORY 646+08.3 56463 8 3