

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 57 28.25502 dms  
Longitude 114 07 32.17650 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 75-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 2519  
Tablet Markings 646-8.210  
Mapsheet Name CALGARY F  
Mapsheet Number 5646 - 008

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1115.374 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-01-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5646839.243 m  
Easting -8824.253 m  
Convergence -0 05 51.20 dms  
Station Ellipsoid Factor 0.999828  
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
132415 646-8.146	134.398	1 89/2	0.999724	216 23 40.22	4.9	0.00
15883 646-8.66	139.164	1 86/2	0.999723	329 49 06.50	7.0	0.00
299347 646-8.211	152.668	1 72/2	0.999732	68 12 37.34	5.7	0.00
271965 646-8.148	170.382	1 65/2	0.999731	129 49 08.43	5.5	0.00
34751 646-8.65	185.400	1 65/2	0.999732	33 10 52.10	5.2	0.00
158261 646-8.212	268.016	1 30/1	0.999725	268 17 09.04	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-07-03

Meridian Defl, XI(+N) 3.9 s 2 s  
Prime Vert Defl, ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.93 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
2 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-07-03

Originating Project 75110 75110  
Published 83-04-29 83-04-29

ON NW CORNER OF INT. OF LANES S OF CEDARBRAE CRES. SW.; 0.65 M. S OF  
S.P/L FENCE OF #244 CEDARBRAE CRES. PROD. E ; 0.50 M. E OF E.P/L  
FENCE OF SAME ADDRESS PROD. S ; 1.3 M. N OF POWER LINE.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-02-10 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION  
MARKER REPORTED IN GOOD CONDITION.

1991-01-09 1991-07-03  
1989-03-13 1989-04-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 8 210

01-02-07

0.017 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-08.210 56464 8 210