

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 07.06817 dms  
Longitude 114 03 44.62084 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 69-03

ASCM 66308

Tablet Markings 2118.22

Date Printed 2025-08-03  
Last Updated 2011-07-29

Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1052.106 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 10-06-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2011-01-05

Scale Factor 0.999900 At Ref Mer 114

Northing 5653594.723 m  
Easting -4377.769 m  
Convergence -0 02 54.61 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999738

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)
182469 2118.12	106.725	1	130/2	0.999738	342 11 53.26	5.4	0.00
284398 2118.23	260.157	1	69/2	0.999739	250 18 04.81	5.8	0.00
267435 2118.13	283.251	1	56/2	0.999737	65 28 45.07	4.8	0.00
1123 D48	332.821	1	54/2	0.999739	273 17 05.02	4.5	0.00
61184 2118.10	346.624	1	49/2	0.999738	287 03 28.21	4.0	0.00
297481 2118.24	401.047	1	40/2	0.999737	212 34 07.77	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2011-07-29

Meridian Defl,XI(+N) 3.0 s 2 s  
Prime Vert Defl,ETA(+E) 5.7 s 2 s  
Geoid\_Ellip Separation -16.18 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-01-18

Originating Project 69104 69104  
Published 70-06-24 70-06-24

ON NE COR. OF MACLEOD TR. AND 39 AVE. SE; 4.7 M. E OF B.O.W. PROD. S.;  
3.0 M. N OF F.O.C. PROD. W.; 0.4 M. E OF LT. ST.

Revising Project NAD83 98017  
Published 94-05-24 01-02-07  
Revising Project 98014  
Published 99-08-16  
Revising Project  
Published

NON COORDINATE REVISIONS

1970-06-24 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	2010-06-28	2011-07-29
MARKER REPORTED IN GOOD CONDITION	1991-12-13	1993-01-18
MARKER REPORTED IN GOOD CONDITION	1988-04-08	1988-07-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 194

VERT

01-02-07 0.006 m ELEVATION REVISED AND REINTEGRATED  
99-08-16 0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 194