

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 01 33.28258 dms  
Longitude 114 03 31.94800 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 68-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 51862  
Tablet Markings 2119.13  
Mapsheet Name CALGARY G  
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1067.758 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 91-12-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5654404.528 m  
Easting -4130.134 m  
Convergence -0 02 44.77 dms  
Station Ellipsoid Factor 0.999835  
Station Combined Factor 0.999735

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)
114256	80.731	1	318/3	0.999730	321 15 03.40	31.4	0.00
49262	167.115	1	139/3	0.999732	226 58 41.56	11.9	0.00
175703 2119.12	209.232	1	91/2	0.999733	5 54 27.05	3.3	0.00
94094 X	236.545	1	101/3	0.999734	39 08 55.81	8.4	0.00
104182 CEMETERY	349.061	1	60/2	0.999731	307 45 30.29	5.1	0.00
116707 2119.3	356.167	1	53/2	0.999735	297 16 06.31	4.5	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.9 s 2 s  
Prime Vert Defl,ETA(+E) 5.6 s 2 s  
Geoid\_Ellip Separation -16.19 m 1 m

MARKER TYPE

Updated: 1993-02-01

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
3 CM BGL, 0.10 M E OF GP.

COORDINATE HISTORY

Originating Project 69110 69110  
Published 70-06-24 70-06-24

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

MARKER LOCATION

Updated: 1993-02-01

ON E/S OF MACLEOD TRAIL AT 31 AVENUE S.W. IN UNION CEMETERY; 3.3 M EAST OF N-S CONCRETE WALL; 1.5 M NORTH OF F.O.C. S/S PROD. E.; 2.7 M NORTH OF E-W WOODEN FENCE.

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	1991-12-13	1993-02-01
MARKER REPORTED IN GOOD CONDITION	1991-06-20	1992-01-22
MARKER REPORTED IN GOOD CONDITION	1988-05-06	1988-07-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56524 4 147

VERT

99-08-16

0.019 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 147