

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 52 13.46343 dms
Longitude 114 05 37.81730 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 25189

Tablet Markings 634-4.2

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY E
Mapsheet Number 5637 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1109.827 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 08-10-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5637109.259 m
Easting -6604.891 m
Convergence -0 04 22.05 dms
Station Ellipsoid Factor 0.999829
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)
124776 634-4.3	772.111	1 40/2	0.999725	180 49 37.71	3.4	0.01
128868 634-4.4	863.624	1 38/2	0.999725	180 09 32.41	3.2	0.01
12807 634-8.1	1757.521	1 31/2	0.999725	250 47 50.40	1.9	0.01
254193 634-4.10	1971.475	1 19/1	0.999732	124 29 23.43	1.3	0.02
63214 634-8.2	2129.016	1 24/2	0.999725	230 41 15.93	1.7	0.02
298257 634-4.5	2204.453	1 20/1	0.999725	198 34 59.00	1.7	0.04

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2008-11-21

Meridian Defl,XI(+N) 4.8 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.79 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GRND., 1 GP, LANDSCAPED.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1989-03-28

Originating Project 75116 75116
Published 83-07-27 83-07-27

LOCATED ON THE EAST SIDE AT DIVERSION ROAD AND 14 STREET SOUTH WEST; NORTH OF
HILL; 65.0 CM WEST OF FENCE CORNER' 40.0 CM WEST OF EAST PROPERTY LINE PRODUCED
SOUTH; ON EAST WEST 1/4 LINE PRODUCED WEST.

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

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 REPORTED IN GOOD CONDITION	2008-10-15	2008-11-21
MARKER REPORTED IN GOOD CONDITION	1990-05-10	1990-06-22
MARKER REPORTED IN GOOD CONDITION.	1989-01-26	1989-03-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56344 4 2

99-08-16

0.009 m ELEVATION REVISED AND REINTEGRATED

HISTORY 634-04.2 56344 4 2