

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 51 29.74579 dms
Longitude 114 07 01.93463 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 74-03

ASCM 63214

Tablet Markings 634-8.2

Date Printed 2025-08-03
Last Updated 2004-05-04

Mapsheet Name CALGARY E
Mapsheet Number 5634 - 008

Vert Datum CVD28 Updated: 1983-07-27
Elevation 1163.900 m
Vert Class NOT INTEGRATED, NON-SIMUL TRIG

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

Marker Condition GOOD 04-03-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2004-05-04

Scale Factor 0.999900 At Ref Mer 114

Northing 5635760.800 m
Easting -8251.668 m
Convergence -0 05 27.25 dms
Station Ellipsoid Factor 0.999820
Station Combined Factor 0.999721

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Grid/ Grnd Factor
79608 634-8.3	277.538	1 61/2	0.999720
12807 634-8.1	770.868	1 39/2	0.999720
298257 634-4.5	1200.467	1 32/2	0.999721
134403 634-4.6	1423.067	1 30/2	0.999725
8441 634-8.4	1647.624	1 35/2	0.999723
57182 76A025	1766.213	1 35/2	0.999724

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
180 08 05.44	4.3	0.01
359 04 14.23	3.3	-0.02
128 05 51.50	2.8	0.01
138 34 48.97	2.5	0.02
270 57 21.69	2.8	0.00
287 29 10.55	2.8	-0.01

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	4.9 s	2 s
Prime Vert Defl,ETA(+E)	7.2 s	2 s
Geoid_Ellip Separation	-15.71 m	1 m

MARKER TYPE

Updated: 2004-05-03

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10.0 CM BGL, LANDSCAPED.

COORDINATE HISTORY

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

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1989-03-29

LOCATED ON THE WEST SIDE OF 24 STREET AND SOUTH OF 210 AVENUE SOUTH WEST;
528.3 M SOUTH OF THE SOUTH PROPERTY LINE OF 210 AVENUE; 6.6 M EAST OF WEST
PROPERTY LINE OF 24 STREET; NORTH EAST OF SMALL BROWN BARN IN FIELD.

NON COORDINATE REVISIONS

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

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION, CAP EFFACED.
MARKER REPORTED IN GOOD CONDITION
NUMBERS ON CAP ARE DIFFICULT TO READ.

2004-03-22	2004-05-03
1990-05-10	1990-07-03
1989-01-25	1989-03-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56344 8 2

VERT

HISTORY 634-08.2 56344 8 2