

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 49.26513 dms
Longitude 114 04 59.72478 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 67-03
Date Printed 2025-08-03
Last Updated 2017-03-21

ASCM 63297
Tablet Markings 2019.16
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1074.740 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 17-01-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5654900.027 m
Easting -5840.041 m
Convergence -0 03 53.03 dms
Station Ellipsoid Factor 0.999834
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)
85092 2019.17	180.533	1	72/2	0.999731	93 00 41.41	3.8	0.00
83493 2019.53	205.187	1	117/3	0.999740	302 37 03.48	9.1	0.00
219089 2019.54	264.476	1	95/3	0.999736	237 57 17.98	6.9	0.00
288126 2019.45	379.561	1	87/3	0.999734	333 00 54.97	5.6	-0.01
248419 2019.14B	396.331	1	71/2	0.999736	3 26 43.37	3.8	-0.01
182790 2019.62	400.432	1	75/2	0.999734	212 55 44.58	6.4	0.01

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

MARKER TYPE

Updated: 2014-08-27

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.15 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2017-03-16

Originating Project 68102 68102
Published 70-06-24 70-06-24

IN PARK AREA; EAST OF 8 STREET AT DORCHESTER AVENUE S.W.; 19.5 M EAST OF
F.O.C.; 2.3 M SOUTH OF B.O.W. SOUTH SIDE PRODUCED EAST; 15.5 M WEST OF N-S
WOODEN CABLE FENCE; 6.2 M SOUTH OF E-W STEEL TRAIL.

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

NON COORDINATE REVISIONS

1970-06-24 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	2017-01-30	2017-03-16
MARKER REPORTED IN GOOD CONDITION	2014-07-16	2014-08-27
MARKER REPORTED IN GOOD CONDITION	1993-01-07	1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 86

01-02-07 0.032 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 4 86