

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 22.57504 dms
Longitude 114 01 39.32815 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 3442

Tablet Markings 640-0.57

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

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1033.871 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642948.721 m
Easting -1939.847 m
Convergence -0 01 17.11 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
82800 640-0.59	165.064	1 55/2	0.999737	141 27 13.06	3.5	0.00
269985 230120	235.213	1 34/1	0.999740	143 35 11.82	3.0	0.00
143552 640-0.178	252.924	1 43/2	0.999744	27 45 07.46	3.6	0.00
231407 640-0.181	263.635	1 38/2	0.999739	98 35 00.29	3.2	0.00
198127 640-0.52	333.787	1 33/2	0.999739	158 24 14.12	2.9	0.00
211581 640-0.47	363.013	1 36/2	0.999740	198 54 36.31	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl, XI(+N) 4.1 s 2 s
Prime Vert Defl, ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 75108 75108
Published 83-04-29 83-04-29

ON NW COR OF PARKLAND BLVD AT PARKGLEN CRES SE; (N LEG); 0.15 M W OF B OF SEP.W.
; 2.5 M N OF BOW PROD E; 1.4 M NW OF FOW ON CURVE.

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

NON COORDINATE REVISIONS

1976-01-05 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
MARKER REPORTED IN GOOD CONDITION.

2005-06-16 2006-06-16
1989-02-07 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 57

99-08-16

-0.008 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.57 56404 0 57