

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

Horz Datum NAD83 Updated: 1998-11-18
Latitude 50 58 47.07778 dms
Longitude 114 04 16.41580 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 94-10
Date Printed 2025-08-03
Last Updated 2014-06-18

ASCM 66019
Tablet Markings 66019
Mapsheet Name CALGARY F
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1053.073 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 99-02-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2014-06-18

Scale Factor 0.999900 At Ref Mer 114

Northing 5649269.694 m
Easting -5001.619 m
Convergence -0 03 19.22 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
219139 219139	1471.879	1	7/1	0.999739	85 09 37.14	0.6	0.00
62745 62745	1616.356	1	8/1	0.999737	180 22 07.77	0.4	0.02
107680 107680	1637.323	1	6/1	0.999737	359 48 19.51	0.4	-0.02
108381 108381	1918.128	1	5/1	0.999737	36 08 44.95	0.4	-0.02
410548 410548	2440.549	1	7/1	0.999738	359 03 31.48	0.4	-0.03
2196 2196	2448.773	1	4/1	0.999735	317 02 50.02	0.3	-0.03

GEOID DATA (GSD95) Updated: 98-11-19

Component Magnitude Std Dev

Meridian Defl,XI(+N) 3.5 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

MARKER TYPE

Updated: 1998-11-04

HPN CAP SET ON HEAVY STEEL WALL PIPE WITH HELIX, IN MANHOLE.
15 CM BGL.

COORDINATE HISTORY HORZ VERT

Originating Project 96005 96005
Published 98-11-18 98-11-18

Revising Project
Published
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1998-11-04

Located on the N.E. cor. of Heritage Dr. and Macleod Tr. S.E. in island;
9.2m. N. of the S. f.o.c. of island; 9.8m. E. of the W. f.o.c. of island;
8.2m. E. of traffic lt.s.

NON COORDINATE REVISIONS

1998-11-04 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1998-11-04 INSTALLATION DATE AND TABLET
MARKINGS ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1999-02-19 1999-11-23

COORDINATE HISTORY COMMENTS

HORZ

HISTORICAL/OTHER MARKER NAMES

VERT