

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

Horz Datum NAD83 Updated: 1998-11-18
Latitude 50 57 42.09006 dms
Longitude 114 05 43.72562 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 94-10

ASCM 57174

Date Printed 2025-08-03
Last Updated 2019-01-31

Tablet Markings 57174

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1089.720 m
Vert Class INTEGRATED , SPIRIT LEVELS

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

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: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5647263.560 m
Easting -6707.274 m
Convergence -0 04 26.98 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
417287 417287	1599.756	1	7/1	0.999732	268 03 26.31	0.6	0.00
62745 62745	1740.050	1	7/1	0.999735	77 02 12.17	0.6	-0.01
417063 417063	1940.224	1	6/1	0.999733	306 33 59.89	0.4	-0.02
29173 200133	2344.296	1	4/1	0.999732	179 04 22.98	0.2	0.04
66019 66019	2633.915	1	5/1	0.999735	40 22 18.66	0.3	-0.03
424549 424549	2768.069	1	5/1	0.999736	119 05 24.45	0.3	0.02

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-11-04

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

HPN BRASS DATUM POINT SET ON A GROUND ROD WITH STABILIZER PLATE, IN MANHOLE.
15 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1998-11-04

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

Located on the N.W. cor. of 14 St. and Southland Dr. S.W. in island;
6.6m. W. of the E. f.o.c. of island; 8.8m. N. of the S. f.o.c. of island; 7.5m.
N.E. of traffic lt.s. in island.

Revising Project
Published
Revising Project
Published
Revising Project
Published

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