

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

Horz Datum NAD83 Updated: 1998-11-18
Latitude 50 57 54.78148 dms
Longitude 114 04 16.86892 dms
Horz Class INTEGRATED , ORDER 1

Marker Installed 94-10

ASCM 62745

Tablet Markings 62745

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1998-11-18
Elevation 1058.599 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: 2019-01-31

Scale Factor 0.999900 At Ref Mer 114

Northing 5647653.796 m
Easting -5012.021 m
Convergence -0 03 19.53 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

| ASCM Tablet To Markings | Horizontal Distance (m)(cm) | Std Dev (m)(cm) | PPM/ Grid/ Grnd Order Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|--------------------------------|--------------------|---------------------------------|--------------------------|-------------------|--------------------|
| 66019 66019 | 1616.356 | 1 | 8/1 0.999737 | 0 22 07.77 | 0.4 | -0.02 |
| 57174 57174 | 1740.050 | 1 | 7/1 0.999735 | 257 02 12.17 | 0.6 | 0.01 |
| 424549 424549 | 1880.730 | 1 | 7/1 0.999738 | 157 23 08.34 | 0.4 | 0.02 |
| 219139 219139 | 2282.758 | 1 | 6/1 0.999738 | 40 19 07.86 | 0.4 | -0.02 |
| 268870 268870 | 2315.734 | 1 | 6/1 0.999739 | 87 53 32.18 | 0.5 | 0.00 |
| 29173 200133 | 3197.617 | 1 | 4/1 0.999735 | 211 13 40.05 | 0.3 | 0.04 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1998-11-04

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.1 s 2 s
Geoid_Ellip Separation -16.07 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.E. cor. of Southland Dr. and Macleod Tr. S.E. in island;
2.2m. E. of the W. f.o.c. of island; 11.6m. N. of the S. f.o.c. of island;
5.3m. N.E. of traffic lt.s.

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