

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 48.14230 dms
Longitude 114 01 41.71775 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 47456

Tablet Markings 640-0.66

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 1036.191 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-30

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5641884.809 m
Easting -1986.923 m
Convergence -0 01 18.95 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

| 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) |
|----------------------------|---------------------------------|---------|------------|----------------------|--------------------------|-------------------|--------------------|
| 205872 640-0.65 | 198.284 | 1 | 25/1 | 0.999739 | 271 51 58.79 | 2.2 | 0.00 |
| 168054 640-0.67 | 271.990 | 1 | 29/1 | 0.999741 | 11 19 51.03 | 2.6 | 0.00 |
| 136598 640-0.78 | 312.551 | 1 | 32/1 | 0.999740 | 348 40 11.10 | 2.6 | 0.00 |
| 176867 640-0.77 | 396.736 | 1 | 25/1 | 0.999742 | 343 42 36.78 | 2.2 | 0.00 |
| 94169 640-0.71 | 403.881 | 1 | 20/1 | 0.999740 | 59 21 01.24 | 1.7 | 0.00 |
| 94938 640-0.51 | 535.786 | 1 | 17/1 | 0.999740 | 337 42 41.34 | 1.5 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1977-09-20

Meridian Defl, XI(+N) 4.2 s 2 s
Prime Vert Defl, ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.04 m 1 m

ASC CAP ON 6 CM DIA LIGHT WALL STEEL DRIVEN PIPE 2.4 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 76045 76045
Published 83-07-15 83-07-15

IN PARK S OF INT OF PARKVISTA CRES AT PARKVISTA PL SE; 37.8 M S OF FOC; IN LINE
WITH BOW W/S PROD S; 45.9 M SE OF LT.S.

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

NON COORDINATE REVISIONS

1977-09-20 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.

2005-06-30 2006-06-19
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 66

99-08-16

-0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.66 56404 0 66