

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 42.27618 dms
Longitude 114 01 21.94187 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 22269
Tablet Markings 643-0.216
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1036.460 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-08-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5645411.280 m
Easting -1599.539 m
Convergence -0 01 03.63 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 22830 643-0.72 | 227.108 | 1 35/1 | 0.999739 | 24 11 49.33 | 2.9 | 0.00 |
| 172577 643-0.186 | 340.041 | 1 47/2 | 0.999742 | 265 26 33.30 | 3.7 | 0.00 |
| 267914 643-0.145 | 362.882 | 1 36/2 | 0.999741 | 287 05 30.74 | 2.9 | 0.00 |
| 289660 643-0.146 | 383.100 | 1 42/2 | 0.999743 | 252 39 55.87 | 3.1 | 0.00 |
| 288944 643-0.201 | 412.308 | 1 32/2 | 0.999740 | 148 56 26.78 | 2.7 | 0.00 |
| 123067 643-0.198 | 430.024 | 1 33/2 | 0.999741 | 138 15 52.81 | 2.7 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-30

Meridian Defl,XI(+N) 3.8 s 2 s
Prime Vert Defl,ETA(+E) 5.1 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

MARK ON EAST SIDE MANHOLE RIM.

FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 79018 79018
Published 83-08-25 83-08-25

A TRIANGLE WITH A DOT IN CENTRE, ON SW COR OF MOST SOUTHERLY MANHOLE RIM IN
LANE BEHIND HOUSE #403 QUEENSLAND CIRCLE S.E.; IN LINE WITH WEST P/L FENCE
PROD. N.; 1.5 M NORTH OF E-W FENCE N/S OF HOUSE; 0.30 M WEST OF N-S POWER
LINE.

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

NON COORDINATE REVISIONS

1980-08-31 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
MARKER REPORTED IN GOOD CONDITION.

1992-08-06 1993-02-02
1990-01-19 1990-05-01
1989-09-12 1989-10-12

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 216

99-08-16

0.008 m ELEVATION REVISED AND REINTEGRATED

HISTORY 643+00.216 56434 0 216