

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 29.59038 dms
Longitude 114 03 38.21132 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 49262

Date Printed 2025-08-03
Last Updated 2003-03-12

Tablet Markings

Vert Datum CVD28 Updated: 1983-04-21
Elevation 1113.053 m
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 004

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

Marker Condition GOOD 91-12-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5654290.540 m
Easting -4252.278 m
Convergence -0 02 49.64 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor
51862 2119.13	167.115	1 139/3	0.999732
114256	190.933	1 120/3	0.999728
250852 2118.1	242.957	1 85/2	0.999731
116707 2119.3	338.578	1 74/2	0.999733
77909 2118.7	345.126	1 89/3	0.999732
175703 2119.12	352.742	1 70/2	0.999732

Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
46 58 41.56	11.9	0.00
22 02 21.70	8.2	0.00
219 02 13.78	7.1	0.00
324 57 24.12	3.6	0.00
212 32 28.83	7.5	0.00
24 02 32.70	5.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-07-10

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.19 m 1 m

HIGH POINT

COORDINATE HISTORY

MARKER LOCATION

Updated: 1973-07-10

Originating Project 73104 73104
Published 83-04-21 83-04-21

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

CANADIAN PACIFIC - CANADIAN NATIONAL TELE-
COMMUNICATIONS; BETWEEN 31ST AND 34TH AVE. S. AND
1ST ST. AND MACLEOD TRAIL E.
OBSERVED: CENTRE OF STAND ROD ON TOP OF FOUR-LEGGED TOWER,
AT A POINT, WHERE RED WARNING LIGHTS ARE ATTACHED, AT BASE OF
ANTENNA
NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY
(HIGH POINTS). 85/08/14

NON COORDINATE REVISIONS

1973-07-10 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1993-06-08 TABLET MARKINGS CHANGED FROM
CP/CN.TELECOMMUN

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1991-12-13 1992-11-24

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 4 286

HISTORY CP.CN.TELC 56524 4 286