

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 07 21.94895 dms
Longitude 114 04 45.91097 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 46797
Tablet Markings 664-4.64
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1113.218 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-12-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-08-30

Scale Factor 0.999900 At Ref Mer 114

Northing 5665179.531 m
Easting -5559.798 m
Convergence -0 03 42.58 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

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)
149625 664-4.61	163.320	1	98/2 0.999730	234 50 35.40	7.8	0.00
169979 664-4.60	247.046	1	73/2 0.999730	258 11 55.98	5.5	0.00
57976 664-4.72	281.764	1	57/2 0.999728	95 39 23.89	4.5	0.00
216291 664-4.142	310.193	1	58/2 0.999727	7 25 38.24	4.5	0.00
148569 664-4.48	329.354	1	55/2 0.999729	204 12 36.90	4.6	0.00
222893 664-4.144	370.069	1	49/2 0.999727	330 20 37.29	4.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-03-22

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-03-22

Originating Project 74114 74114
Published 74-08-01 74-08-01

ON S/S OF RD. IN FRONT OF HOUSE #923 HUNTERSTON RD. NW; 1.2 M. S OF B.O.W.; 0.7
M. W OF THE W. WALL OF HOUSE PROD. S.; 4.0 M. SW OF CB.

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1975-01-30 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

1993-12-20 1994-03-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56644 4 64

99-10-21

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 664-04.64 56644 4 64