

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 11.20482 dms
Longitude 114 06 15.14746 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 77-03

ASCM 5470

Tablet Markings 646-4.309

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1085.182 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2001-02-07

Scale Factor 0.999900 At Ref Mer 114

Northing 5648164.008 m
Easting -7319.152 m
Convergence -0 04 51.42 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126516 646-4.305	132.917	1	90/2	0.999731	222 06 16.02	7.0	0.00
62000 646-4.225	172.968	1	69/2	0.999733	292 34 16.81	5.7	0.00
52902 646-4.265	249.215	1	56/2	0.999731	179 02 04.40	4.6	0.00
3103 646-4.304	268.176	1	56/2	0.999732	11 19 16.95	4.5	0.00
250761 646-4.264	335.335	1	45/2	0.999732	168 58 28.32	3.7	0.01
266619 646-4.223	336.784	1	42/2	0.999732	252 34 20.55	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-29

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 6.6 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1978-01-31

Originating Project 77030 77030
Published 78-01-17 78-01-17

IN FRONT OF HOUSE NO.2019 ON E/S OF PUMPHILL WAY SW; 0.45 M W OF B.O.R.C.
PRODUCED N; 10.5 M S OF N EDGE OF HOUSE; 9.0 M E OF FH.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1978-01-31 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

1993-08-24 1993-11-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 309

01-02-07

0.022 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.309 56464 4 309