

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 29.20158 dms
Longitude 114 03 51.00707 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 661

Tablet Markings 646-4.97

Date Printed 2025-08-03
Last Updated 2018-02-13

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1050.519 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-13

Scale Factor 0.999900 At Ref Mer 114

Northing 5646862.939 m
Easting -4508.093 m
Convergence -0 02 59.42 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

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)
214437 646-4.96	184.583	1	60/2 0.999734	269 00 00.63	3.1	0.00
235317 646-4.340	322.106	1	43/2 0.999738	270 05 17.70	2.8	0.00
170209 646-4.94	332.057	1	33/2 0.999740	5 14 00.80	2.7	0.00
61903 646-4.342	334.696	1	45/2 0.999737	251 21 26.02	3.7	0.00
90340 646-4.93	382.373	1	34/2 0.999740	10 03 18.29	2.7	0.00
184291 646-4.99	437.824	1	30/2 0.999738	132 19 05.23	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1971-05-25

Meridian Defl, XI(+N) 3.7 s 2 s
Prime Vert Defl, ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 70102 70102
Published 71-05-25 71-05-25

IN PARK ON S/S OF INT OF 2 ST AT WILLOW PARK DR, SE; 6.9 M E OF BOW W/S PROD. S;
3.1 M S OF B OF SEP. W.; 8.1 M S OF FOC; 8.2 M S OF CURB.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project 98014
Published 99-08-16
Revising Project
Published

NON COORDINATE REVISIONS

1971-05-25 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

2005-07-22 2006-06-16
1993-09-24 1994-01-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 97

01-02-07 0.006 m ELEVATION REVISED AND REINTEGRATED
99-08-16 0.007 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.97 56464 4 97