

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 58 06.84612 dms
Longitude 114 03 48.93083 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 32946

Tablet Markings 646-4.209

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1054.286 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-08-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5648026.083 m
Easting -4466.572 m
Convergence -0 02 57.83 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999738

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)
226621 646-4.210	115.036	1	61/2	0.999738	277 28 36.30	4.2	0.00
229013 646-4.241	203.198	1	49/2	0.999737	209 22 42.47	3.9	0.00
18218 646-4.206	207.133	1	43/2	0.999738	359 47 21.99	3.0	0.00
21204 646-4.215	219.178	1	46/2	0.999737	137 17 08.58	3.8	0.00
119008 646-4.208	321.512	1	31/1	0.999737	88 39 49.27	2.7	0.00
228387 646-4.211	353.486	1	25/1	0.999736	268 31 29.77	2.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-06-18

Meridian Defl,XI(+N) 3.6 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM AGL

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1994-01-05

Originating Project 72114 72114
Published 83-03-03 83-03-03

ON S/S OF 94 AVE. & FIRST LANE EAST OF EAST LEG OF ADAMS CRES.;
0.14 M. S OF S. B.O.W. ON S/S OF 94 AVE.; 1.8 M. W OF E.P/L OF
323-94 AVE. PROD N.; 6.4 M. W OF E.P/L OF N/S LANE PROD. S.

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

NON COORDINATE REVISIONS

1972-11-28 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

1993-08-17 1994-01-05
1990-09-10 1991-06-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 209

99-08-16

0.014 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646-04.209 56464 4 209