

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 15.80852 dms
Longitude 114 05 39.75838 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 21089
Tablet Markings 646-4.34
Mapsheet Name CALGARY F
Mapsheet Number 5646 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1085.971 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-08-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5646451.388 m
Easting -6630.899 m
Convergence -0 04 23.87 dms
Station Ellipsoid Factor 0.999832
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
62539 646-4.37	244.917	1 45/2	0.999736	91 54 43.73	3.1	0.00
217604 646-4.296	267.934	1 49/2	0.999730	254 10 29.82	4.0	0.00
1354 646-4.44	269.318	1 45/2	0.999736	48 55 56.01	3.7	0.00
253120 646-4.301	289.365	1 55/2	0.999733	237 48 13.08	4.5	0.00
50096 646-4.45	313.588	1 45/2	0.999736	45 49 25.93	3.5	0.00
199836 646-4.311	349.411	1 43/2	0.999735	114 53 19.86	3.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-02

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-02

Originating Project 70104 70104
Published 71-04-21 71-04-21

IN LANE BEHIND HOUSE #1427 SOUTHDAL PLACE S.W.; 1.7 M WEST OF P/L FENCE W/S
OF HOUSE, PROD. S.; IN LINE WITH E-W POWER LINE PROD. W.; 7.35 M EAST OF N-S
CONCRETE BARRIER WALL.

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

NON COORDINATE REVISIONS

1971-04-21 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

1992-08-04 1993-02-02
1991-06-24 1992-01-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56464 4 34

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 646-04.34 56464 4 34