

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 40.95320 dms
Longitude 114 02 12.73191 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 68-03

ASCM 27532

Date Printed 2025-08-03
Last Updated 2017-03-21

Tablet Markings 2219.36

Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1057.990 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 00-11-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2017-03-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5654640.542 m
Easting -2586.367 m
Convergence -0 01 43.19 dms
Station Ellipsoid Factor 0.999837
Station Combined Factor 0.999737

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
209221 2219.37	111.178	1 180/3	0.999733	82 30 05.23	5.7	0.00
161992 2219.25	292.020	1 75/2	0.999740	3 57 35.53	4.8	0.00
16840 2219.38	369.794	1 57/2	0.999735	153 38 19.39	4.7	0.00
244889 2219.34	372.378	1 73/2	0.999738	225 30 47.26	4.4	0.00
63305 2219.27	430.985	1 60/2	0.999738	270 23 11.16	5.1	0.00
195792 2219.44	455.594	1 48/2	0.999738	65 00 32.34	3.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1991-11-18

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 5.2 s 2 s
Geoid_Ellip Separation -16.24 m 1 m

ASC BRASS TABLET ON TOP OF 2 X 7' STEEL PIPE.
1 CM BGL, 1 GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1991-11-18

	HORZ	VERT
Originating Project	69110	69110
Published	70-06-24	70-06-24
Revising Project	NAD83	98014
Published	94-05-24	99-08-16
Revising Project		
Published		
Revising Project		
Published		

NEAR THE E. P/L OF OFFICE BLDG. # 3030-9 ST. SE PROD. N.; ON S. EDGE OF
HILL ON S/S OF BLACKFOOT TR.; 17.3 M. N. OF F.O.C. ON N/S OF 9 ST.; 1.5 M.
E OF E. EDGE OF PARKING LOT FOR 3030-9 ST. PROD N.; 26.7 M. (SLOPE DIST.)
S. OF F.O.C. ON S/S OF BLACKFOOT TR.; 0.50 M. S OF G.P.

NON COORDINATE REVISIONS

	DESCRIPTION ENTERED
1970-06-24	FIRST MARKER LOCATION
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	2000-11-21	2001-05-29
MARKER REPORTED IN GOOD CONDITION	1992-03-31	1992-11-24
MARKER REPORTED IN GOOD CONDITION	1991-07-18	1991-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 73

99-08-16

0.021 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 73