

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 08.85644 dms
Longitude 114 00 50.05858 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 20628

Tablet Markings 643-0.66

Date Printed 2025-08-03
Last Updated 2018-02-12

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1971-05-25
Elevation 1032.582 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-01-24

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2018-02-12

Scale Factor 0.999900 At Ref Mer 114

Northing 5644378.492 m
Easting -977.359 m
Convergence -0 00 38.87 dms
Station Ellipsoid Factor 0.999841
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
56929 643-0.192	271.878	1	37/2	0.999741	300 05 27.33	3.1	0.00
164822 643-0.204	334.279	1	33/2	0.999740	306 48 19.44	2.7	0.00
78881 643-0.194	342.063	1	26/1	0.999742	349 58 07.49	1.9	0.00
192781 643-0.262	376.480	1	24/1	0.999739	180 08 41.72	2.0	0.00
201400 643-0.67	388.320	1	21/1	0.999742	89 38 11.38	1.5	0.00
35329 643-0.261	398.993	1	33/2	0.999742	135 29 43.99	2.7	0.00

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 3.9 s 2 s
Prime Vert Defl, ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.11 m 1 m

MARKER TYPE

Updated: 1992-04-30

ASC BRASS TABLET ON TOP OF 2" X 10' STEEL PIPE.
FLUSH WITH GROUND. 50 CM W OF GP

COORDINATE HISTORY

Originating Project 70103 70103
Published 71-05-25 71-05-25

MARKER LOCATION

Updated: 1992-04-30

ON EDGE OF HILL IN PARK BEHIND #50 QUEEN ANNE CL SE; IN LINE WITH S.P/L
FENCE PROD. E.; 15.8 M. E OF N-S FENCE.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NOTE: ELEV WAS AMENDED IN SEPTEMBER, 1976.

NOTE: ELEVATION PRESENTLY SHOWN IS AS RE-ADJUSTED IN FEBRUARY 1983. REVISION
PROJECT #82030.

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	1992-01-24	1992-04-30
MARKER REPORTED IN GOOD CONDITION	1989-03-31	1990-05-01
MARKER REPORTED IN GOOD CONDITION.	1989-03-06	1989-07-18
MARKER REPORTED IN GOOD CONDITION	1988-05-11	1988-05-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56434 0 66

VERT

HISTORY 643+00.66 56434 0 66