

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 47 59.57847 dms
Longitude 114 12 19.21768 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2008-10-09

ASCM 57612
Tablet Markings 756035
Mapsheet Name CALGARY E
Mapsheet Number 5628 - 012

Vert Datum CVD28 Updated: 1985-02-19
Elevation 1336.373 m
Vert Class NOT INTEGRATED, SIMUL TRIG LEV

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

Marker Condition GOOD 94-06-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2008-10-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5629280.542 m
Easting -14474.730 m
Convergence -0 09 32.85 dms
Station Ellipsoid Factor 0.999793
Station Combined Factor 0.999696

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
228361 27605	5699.699	1	8/1 0.999695	318 07 50.37	0.6	-0.17
230805 50114.33	6833.088	1	7/1 0.999698	103 32 27.23	0.6	0.05
190736 634-8.7	7014.864	1	12/1 0.999709	24 55 45.66	0.9	-0.22
177782 634-8.6	7349.538	1	11/1 0.999708	23 42 27.79	0.9	-0.23
449769 50114.223	7903.899	1	26/2 0.999709	221 45 51.34	1.0	0.24
79608 634-8.3	8788.513	1	7/1 0.999709	45 05 25.55	0.6	-0.19

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	4.6 s	2 s
Prime Vert Defl,ETA(+E)	7.9 s	2 s
Geoid_Ellip Separation	-15.32 m	1 m

MARKER TYPE Updated: 1995-02-03

GSC TABLET, STAMPED 756035 IN A CYL CONC MON. 1.5CM AGL. A SSMRK EXISTS.
1.5 CM AGL, 1.2 M WEST OF GP

COORDINATE HISTORY

	HORZ	VERT
Originating Project	76075	76075
Published	85-02-19	85-02-19
Revising Project	NAD83	
Published	94-05-24	
Revising Project		
Published		
Revising Project		
Published		

MARKER LOCATION Updated: 1976-01-01

IN THE NW 1/4 22-21-2-5. ON PASTURE LAND OWNED BY MR. CHARLES STROTHER
THE STA IS IN FRONT OF HIS CHALET HOME W OF A WOODEN FENCE.
FROM THE COR WHERE HWY 22 SWINGS S TO MILLARVILLE GO S 9.66KM ON HWY
22, E 7.08KM, TO FOURTH RD FROM HWY 22, S 2.74KM TO LEIGHTON CENTRE
(RED BLDG), E 0.16KM TO LANEWAY, N 0.16KM ON LANEWAY TAKING RIGHT FORK
TO STA SITE.
SURVEY WITNESS SIGN POSTS PLACED NEAR STA AND REFS.
REF 756035A AZ 161-55 DIST 31.855M DELEV -0.45M
REF 756035B AZ 213-20 DIST 36.025M DELEV -0.79M
PHOTO I.D. NO. AS 2745 - 7,8

NON COORDINATE REVISIONS

1976-01-01	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 1994-06-07 1995-02-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 504114 34 NGBD # 756035
NGBD NAME STROTHER
HISTORY 504114 34

VERT