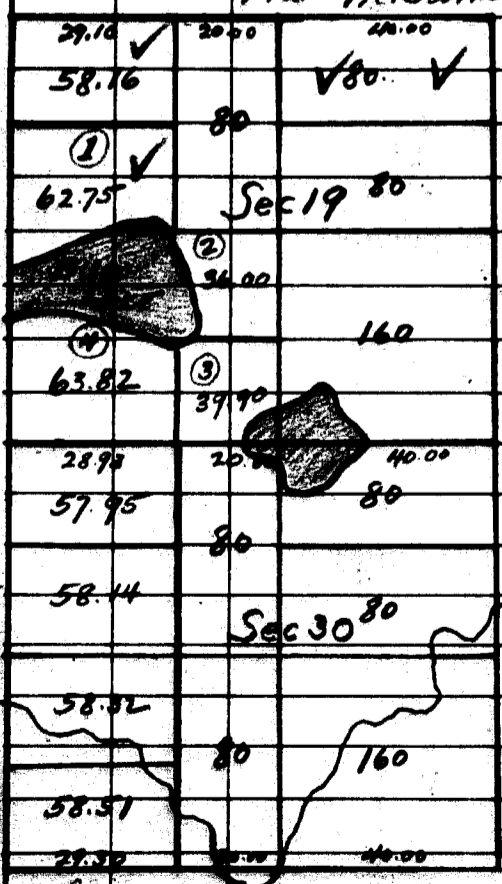


Sec 19 T 36 N R 11 E

CHAINS	LINE BETWEEN SEC. 19 AND 30	CHAINS	D.H. VAUGHAN'S NOTES OF SURVEY OF LINE BET. 19 & 30
	BELOW IS A COPY OF ORIGINAL GOVT SURVEY NOTES.		AS PER HIS RECORD IN COURT HOUSE, DATED DEC 1-1904
8893	WEST RANDOM BETWEEN SECTIONS 19 AND 30 (VAR 7°E) Intersect Range Line 11 1/2 SOUTH OF POST.		QUOTE: - THE SE CORNER OF SEC 19 IS A STONE SET BY DORR. RUN WEST (VAR 4°00'E)
	EAST ON TRUE LINE BETWEEN SECTIONS 19 AND 30 (VAR 6°36'E)	2540	TO LAKE
4267	LAKE AND SET Meander Post (Birch 6" N 5° E 44' (BASE 238 - ANGLE 6°-30')	4975	OVER LAKE (NO MEANDER CORNERS FOUND)
	" 6" S 45 W 45'	9622	FELL 6.61 CHS SOUTH OF SW COR. (ORIGINAL TREES)
6353	Over Lake & set Meander Post (Birch 6" N 69 E 62' " 7° S 19 E 22'		MY DISTANCE ACROSS LAKE ON CORRECTED LINE 20.30 CHS.
8893	Corner of Sections 19-20-29 and 30. Surface Telling - Soil Side rate - Birch & Aspen.		GOVERNMENT CHAINAGE ACROSS LAKE 20.86 "
		NOTE:	(VAUGHAN SAYS 58 1/2 SHORT (INSTEAD OF 56.) H.C.L.
			SET 1/4 POST ON ICE AT 39.59 1/2 CHS.
			NORTH FROM S 1/4 POST ON ICE.
NOTE BY H.C. LAWRENCE: - EVEN THOUGH FROM THE ABOVE,		430	LEAVE LAKE
THE GOVERNMENT SURVEYORS ESTABLISHED MEANDER POSTS		8333	FELL 11.25 CHS. EAST OF N 1/4 COR. (ORIGINAL TREES)
ON BOTH SHORES OF THIS LAKE, THEY NEVER MEANDERED			CORRECTED VAR. (11°45'E)
IT AS THERE ARE NO NOTES RETURNED FOR THE			SET MEANDER CORNER ON NORTH & SOUTH 1/4 LINE
MEANDERING OF THE LAKE. THE OFFICIAL GOVERNMENT			ON NORTH SHORE OF LAKE 4.30 CHS NORTH OF S 1/4 POST.
LAND OFFICE PLAT DOES NOT SHOW ANY GOVERNMENT			(TAMARACK 8" N 49° E 24 1/2 INCHES)
LOTS OR FRACTIONAL ACREAGE CREATED BY REASON OF			
THIS LAKE. THE NE 1/4 AND E 1/2 OF NW 1/4 SEC. 30 ARE			DISTANCE FROM C 1/4 COR. TO N 1/4 COR. = 41.33 } 83.33
SHOWN ON THE PLAT TO CONTAIN 160 AND 80 ACRES			" " C 1/4 " TO S 1/4 " = 42.00
RESPECTIVELY. THE SE 1/4 SEC. 19 IS SHOWN AS			" " C 1/4 " TO E 1/4 " = 41.12 } 93.11
CONTAINING 160 ACRES. LOTS 2 AND 3 COMPRISING			" " C 1/4 " TO W 1/4 " = 52.69
WHAT WOULD BE THE E 1/2 OF SW 1/4, HAD IT NOT			
BEEN MADE FRACTIONAL BY THE MEANDERING OF			DISTANCE FROM S 1/4 COR. TO SW COR. = 56.63 } 96.22 1/2
BUG LAKE, DEMONSTRATES TO A CONCLUSION THAT			" " S 1/4 " TO SE " = 39.59 1/2
THE LAKE LYING ON THE LINE BETWEEN SEC 19 & 30			
HAS NOT CREATED ANY FRACTIONAL ACREAGE.			SET W 1/8 POST ON SOUTH LINE 23.15 CHS WEST OF S 1/4 POST
OBSERVE THAT LOT 3 SEC. 19, ALTHOUGH ITS SE			and 33.48 " EAST OF SW COR. } 56.63
COR. IS IN SEQUILLA LAKE, CONTAINS 39.90 ACRES,			* SET MEANDER COR. ON EAST SHORE OF LAKE 25.35 CHS
INDICATING CLEARLY THE OTHER .10 ACRES IS IN			WEST OF SE COR. (TAMARACK 10" S 1 1/2° E 42 INCHES) ^{SEE MY NOTES ON THIS}
BUG LAKE AT NW CORNER OF LOT 3. (SEE COPY OF			NOTE BY H.C. LAWRENCE. I HAVE OMITTED THE BALANCE
Plat herewith.)			OF VAUGHAN'S NOTES FOR THE REASON THEY RELATE
			TO HIS SUBDIVISION OF SECTION 19 AND OTHER DATA
			AND DO NOT CONTAIN ANY THING MORE AS TO LINE
			BETWEEN 19 AND 30. SINCE VAUGHAN HAD HIS
			S 1/4 CORNER AT 39.59 1/2 CHS. WEST OF SE COR. IT
			IS SUPPOSED IF HE SET AN E 1/16 COR. IT WOULD
			HAVE BEEN AT 39.59 1/2 ÷ 2 = 19.79 3/4.
			SUMMING UP INTERVAL DISTANCES ALONG THIS
			LINE ACCORDING TO VAUGHAN'S COMPUTATIONS VIS:
			19.79 3/4 + 19.79 3/4 = 39.59 1/2 EAST OF 1/4 COR.
			23.15 + 33.48 = 56.63 WEST OF 1/4 "
			42.94 3/4 + 53.27 3/4 = 96.22 1/2 TOTAL.
			AS THERE WAS NO 1/4 POST EVER ESTABLISHED ON THIS
			LINE AND VAUGHAN FOUND NO MEANDER CORNERS HE
			SHOULD HAVE PROVED HIS TOTAL 96.22 CHS AS TO
			ORIGINAL CHAINAGE OF 88.93.
			96.22 ÷ 88.93 = 1.082 (SEE 111 & 108E)



FURTHER, FROM THE GOVT NOTES WE OBSERVE THE MANNER IN WHICH THE ORIGINAL SURVEYORS GOT THEIR DISTANCE OVER LAKE FROM WEST SHORE TO EAST SHORE. AT 42.67 CHS EAST THEY LAID OFF A BASE AT RIGHT ANGLE NORTH 2.38 CHS. FROM WHICH POINT TO OBJECT ON LINE ON EAST SHORE OF LAKE, FORMED AN ANGLE OF 6°-30'. TEST: 63.53 - 42.67 = 20.86 OVER LAKE. 2.38 ÷ 20.86 = .1141 = 6°-30' ANGLE

IN D.H. VAUGHAN'S SURVEY OF THIS LINE IN DEC-1904 (SEE HIS NOTES IN NEXT COLUMN) VAUGHAN SET 1/4 POST ON ICE AT 39.59 1/2 CHS WEST OF SE COR. FOR AN EQUATION OF CHAIN LENGTH VAUGHAN COMPARED HIS ACTUAL DISTANCE OVER ICE TO 20.86 CHS (GOVT CHAIN) AND USED THAT BASIS TO SET HIS 1/4 COR.

✓ = CONSOLIDATED OWNERSHIP.

12-28-04

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