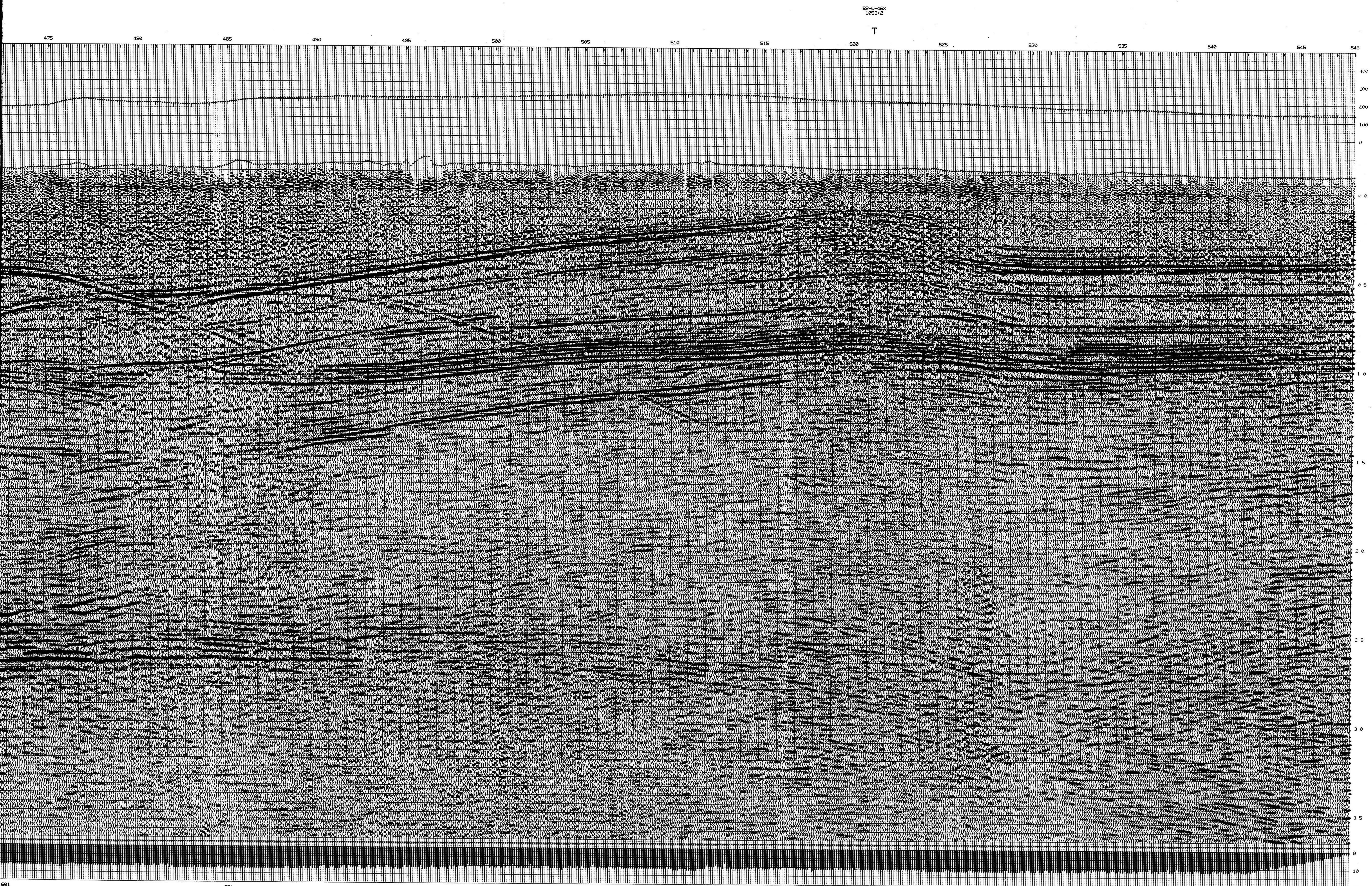


24 C-06-05-115

GEO-X SYSTEMS LTD.

CALGARY . ALBERTA

LINE: 82-W-115X TYPE: S- NP
DIRECTION ——> N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E
CLIENT: PETRO-CANADA EXPLORATION INC.

SHOT BY WESTERN GEOPHYSICAL , PTY. 362 DATE: 3/82

SPREAD : 1584 m. - 33 m. x 33 m. - 1584 m.
SOURCE : 2 kg. at 18 m.
RECEIVERS : GEOSPACE 20D , 10 Hz. , 9 OVER 53 m.
SOURCE INTERVAL : 132 m. GROUP INTERVAL : 33 m.

AMPLIFIERS : DFS V FIELD FILTER : 8 - 128 Hz NOTCH:OUT
GAIN MODE : IFP TAPE FORMAT : SEG B

PROCESSED AT GEO - X DATE : 6/82

1 DIGITAL CONVERSION . SAMPLE RATE : 2 ms.
2 AMPLITUDE RECOVERY Ate^{bt}

PREFILTER
3 DECONVOLUTION . TYPE : SPIKING
OPERATOR LENGTH : 60 ms. PREWHITENING : 1 %
DESIGN GATE : 400-2400 ms. SLOPING
4 STRUCTURAL CORRECTIONS
DATUM SEA LEVEL . DATUM VELOCITY : 3506 m./sec.
PROCESSING DATUM -250 ms.
[X] ELEVATIONS [X] WEATHERING [X] DRIFT
10 ANALYSIS STATISTICAL SURFACE CONSISTENT STATICS
5 11 MOVEOUT (5) PRELIMINARY (11) FINAL
6 SCALING
7 12 STATICS (7) SURFACE STACK RESIDUAL
(12) CROSS CORRELATION
( )
8 WORK SECTION DISPLAY
9 TRACE KILLS
13 MUTE DISTANCE : (m.) 314 924 3168
TIME : (ms.) 300 550-650 1700
14 GATHER FOLD : 12
15 STACK STACK REEL
16 FILTER (16) 12/16 - 80/90 Hz , 0 - 2500 ms
( ) 12/16 50/60 Hz , 2500-4000 ms
( )
17 ADDITIONAL PROCESSING
(17) LINEAR RAMP SCALING
TIME 0-130 , 250-1600, 2300 , 3000-4000
% SCALER 70 , 100 , 120 , 250
18 EQUALIZATION 400 - 2400ms

VELOCITY TABULATION FROM PROCESSING DATUM

76403

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5
LINE NO. 8 2 - W - 1 1 5 X
PART NO. 1 OF 2 R.R. 8X

SAMMON:S CREEK 82W-115X SP 531

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
333	2873	311.1 1584	2873	478	2873
514	3314	187.9 1584	4000	840	3269
630	3454	149.2 1584	4016	1073	3407
1004	4990	49.0 1584	6837	2351	4685
1138	5109	41.5 1584	5925	2748	4831
1223	5167	37.8 1584	5888	2999	4904
1380	5218	33.0 1584	5599	3438	4983
1772	5282	25.2 1584	5501	4516	5098
4000	5732	9.5 1584	6066	11274	5637

SAMMON:S CREEK 82W-115X SP 520

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
131	3055	403.8 1584	3055	200	3055
263	3143	305.5 1584	3227	413	3141
396	3156	243.3 1584	3181	624	3155
852	4603	66.9 1584	5562	1892	4443
1052	4521	56.8 1584	4153	2308	4388
1152	4511	52.3 1584	4404	2528	4389
1314	4505	46.2 1584	4462	2889	4398
1770	4435	35.7 1584	4226	3853	4354
4000	5608	10.0 1584	6387	10975	5487

SAMMON:S CREEK 82W-115X SP 481

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
358	2999	280.1 1584	2999	536	2999
680	3776	119.0 1584	4484	1258	3702
801	3742	105.0 1584	3544	1473	3678
1229	5121	38.3 1584	7007	2972	4837
1295	5122	36.4 1584	5140	3142	4853
1369	5150	34.1 1584	5617	3350	4894
1742	5100	27.5 1584	4912	4266	4898
2295	5276	19.6 1584	5795	5868	5114
4000	5515	10.3 1584	5821	10831	5415

SAMMON:S CREEK 82W-115X SP 474

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
270	3160	299.4 1584	3160	426	3160
579	3129	190.1 1584	3101	905	3128
721	3150	158.0 1584	3234	1135	3149
1249	4406	50.7 1584	5689	2637	4223
1309	4401	48.6 1584	4295	2766	4226
1366	4401	46.6 1584	4401	2891	4233
1749	4244	39.4 1584	3629	3586	4101
2355	4153	30.7 1584	3878	4761	4044
4000	5341	11.0 1584	6683	10259	5129

SAMMON:S CREEK 82W-115X SP 464

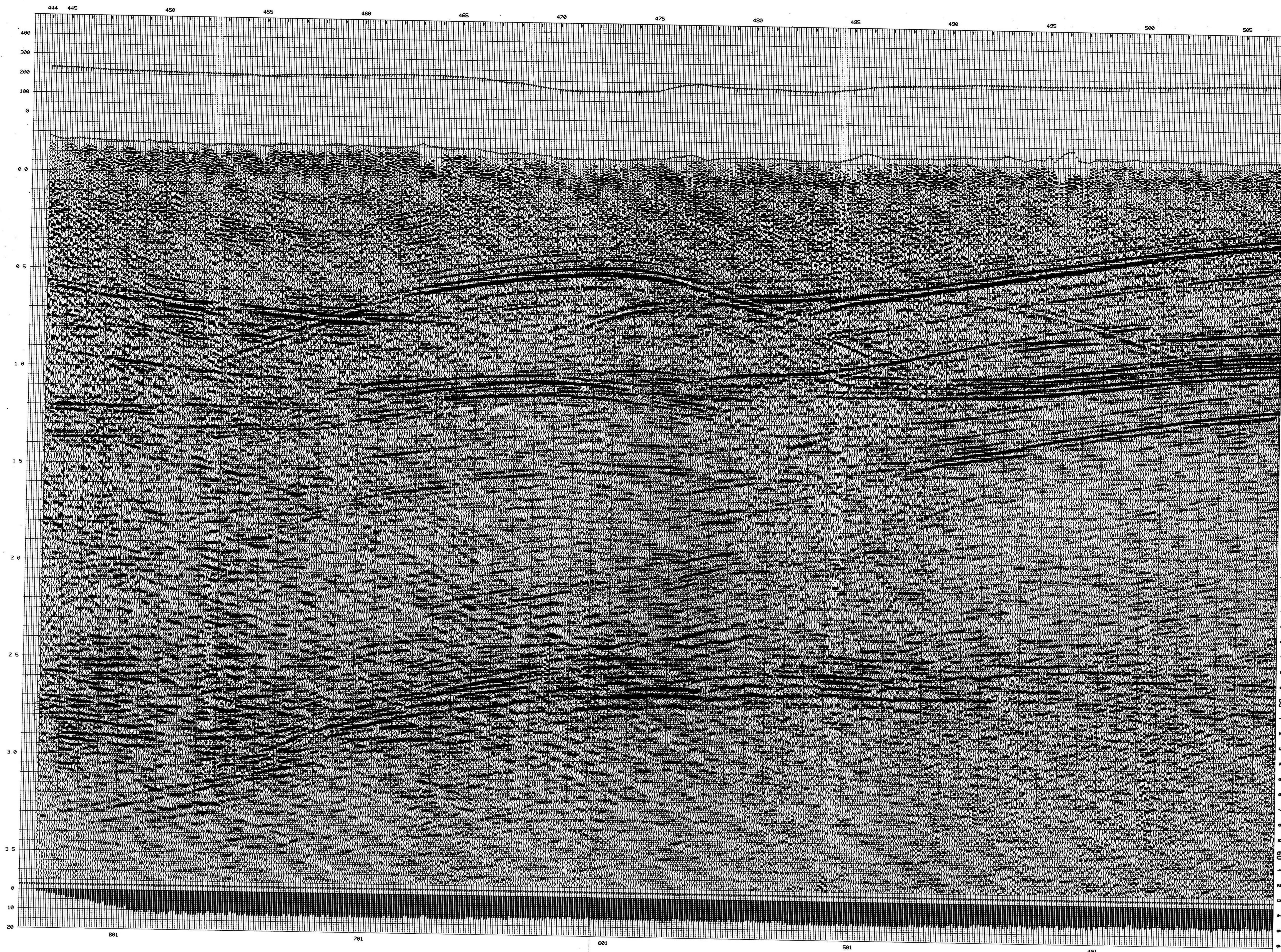
TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
379	3759	187.8 1584	3759	712	3759
676	3856	115.0 1584	3976	1302	3854
875	3837	92.5 1584	3771	1678	3835
1297	4966	38.6 1584	6728	3097	4776
1364	4926	37.4 1584	4075	3234	4742
1426	4888	36.4 1584	3960	3357	4708
1848	4722	30.2 1584	4111	4224	4572
2453	4640	23.6 1584	4380	5549	4524
4000	5457	10.5 1584	6546	10613	5306

SAMMON:S CREEK 82W-115X SP 457

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
506	3908	142.3 1584	3908	988	3908
781	4002	94.6 1584	4169	1562	4000
951	4010	78.8 1584	4046	1905	4008
1300	4679	43.4 1584	6142	2977	4581
1418	4659	40.2 1584	4432	3239	4568
1515	4663	37.6 1584	4721	3468	4578
1978	4865	26.6 1584	5474	4735	4788
2550	4872	20.6 1584	4896	6135	4812
4000	5427	10.6 1584	6285	10692	5346

SAMMON:S CREEK 82W-115X SP 447

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
461	3092	228.2 1584	3092	712	3092
715	3163	157.9 1584	3287	1130	3161
837	3471	116.3 1584	4901	1429	3415
1201	4751	45.4 1584	6838	2673	4452
1435	4882	36.2 1584	5505	3318	4624
1575	4859	33.4 1584	4616	3641	4623
1983	4802	27.2 1584	4575	4574	4613
2557	4889	20.4 1584	5178	6060	4740
4000	5491	10.4 1584	6420	10693	5346



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PROJ. NO. 246-06-05-015

LINE NO. 82-W-115X

PART NO. 2 OF 2