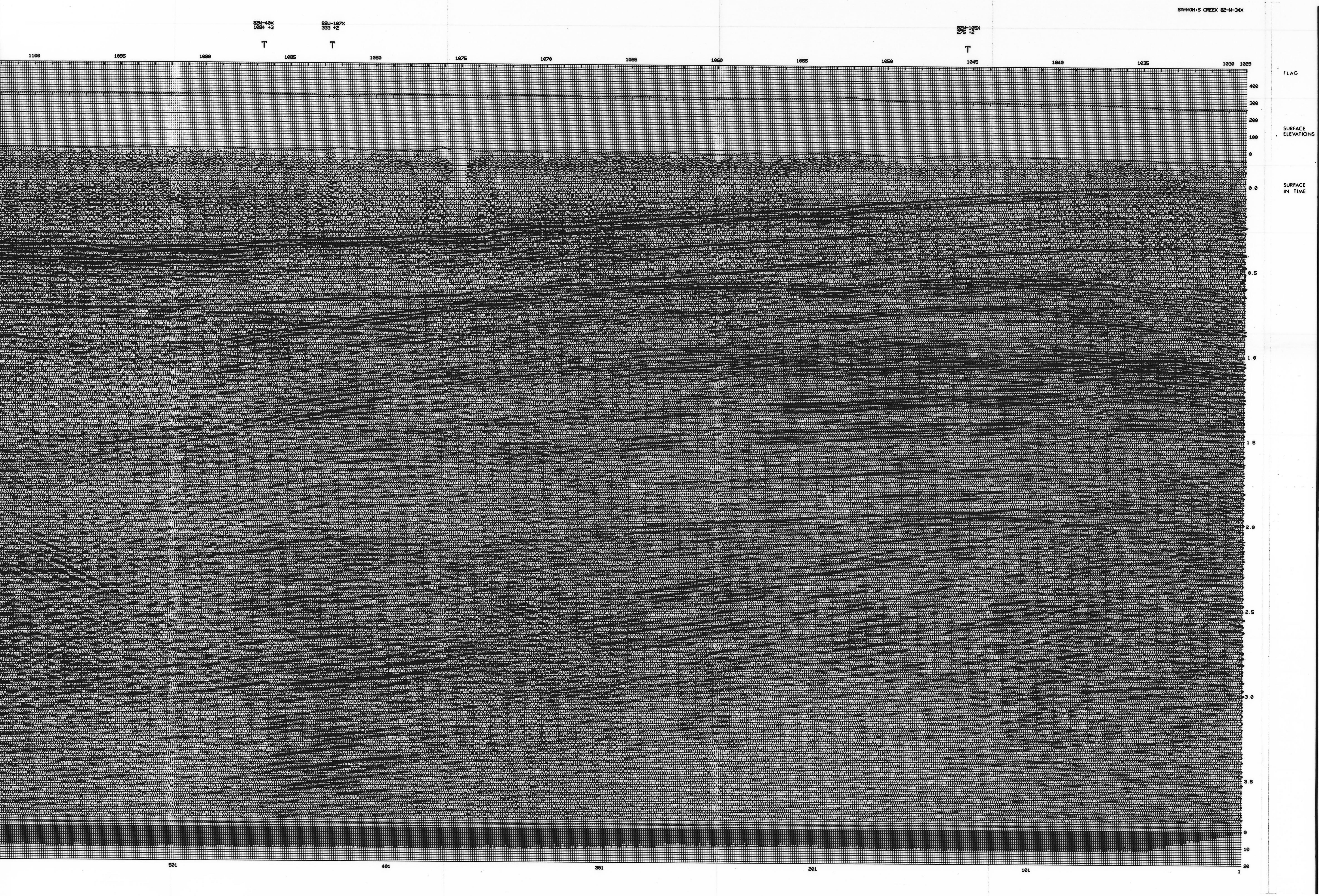

24C-06-05-115

GEO-X SYSTEMS LTD.
CALGARY . ALBERTA

LINE: 82-W-34X **TYPE:** S-NP
DIRECTION ——> E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE NTS 96E/106H
CLIENT: PETRO-CANADA EXPLORATION INC.

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

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

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^kt

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 - 200ms.
☒ ELEVATIONS ☒ WEATHERING ☒ 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

76434

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2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 246-06-05-115
LINE NO. 82-W-34X
PART NO. 1 OF 3
R.R. 8X

SAMMON:S CREEK LINE 82-W-34X STN 1030

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
10	2875	541.0 1584	2875	14	2875
20	3064	497.4 1584	3242	30	3058
29	3104	482.1 1584	3191	44	3099
236	3217	310.0 1584	3232	379	3216
605	5348	68.6 1584	6346	1550	5125
730	5305	58.7 1584	5091	1868	5119
848	5104	55.0 1584	3620	2082	4910
1255	4698	44.5 1584	3712	2837	4522
1417	4618	40.9 1584	3943	3157	4455
1635	4801	33.0 1584	5852	3795	4642
2095	4826	25.6 1584	4913	4925	4701
3500	5450	12.0 1584	6266	9327	5329

SAMMON:S CREEK LINE 82-W-34X STN 1050

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
15	3134	490.6 1584	3134	23	3134
31	3204	464.4 1584	3268	49	3203
68	3262	422.3 1584	3309	110	3261
317	3580	227.3 1584	3662	566	3576
713	5493	56.1 1584	6638	1881	5276
846	5289	51.4 1584	4022	2148	5079
1003	5098	47.0 1584	3911	2455	4896
1275	5120	37.0 1584	5200	3162	4961
1478	5078	32.6 1584	4805	3650	4940
1652	5059	29.4 1584	4894	4076	4935
2145	4967	23.6 1584	4645	5221	4868
3500	5691	11.0 1584	6678	9746	5569

SAMMON:S CREEK LINE 82-W-34X STN 1070

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
32	3159	470.4 1584	3159	50	3159
52	3220	442.7 1584	3315	83	3219
209	3373	305.0 1584	3422	352	3371
473	3740	161.9 1584	4006	881	3726
859	5138	53.6 1584	6450	2126	4950
973	5038	49.5 1584	4208	2366	4863
1118	4916	45.5 1584	4002	2656	4751
1328	4756	41.1 1584	3792	3054	4600
1496	4832	35.5 1584	5395	3507	4689
1776	4720	31.4 1584	4069	4077	4591
2261	4684	25.1 1584	4549	5180	4582
3500	5393	12.3 1584	6490	9201	5257

SAMMON:S CREEK LINE 82-W-34X STN 1095

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
70	3063	451.9 1584	3063	107	3063
110	3184	399.5 1584	3385	174	3180
334	3270	254.4 1584	3311	545	3268
598	3626	142.6 1584	4031	1077	3605
950	4765	56.5 1584	6240	2176	4581
1060	4644	53.5 1584	3425	2364	4461
1206	4596	48.3 1584	4231	2673	4433
1460	4629	39.6 1584	4782	3280	4494
1700	4703	33.0 1584	5130	3896	4584
1896	4718	29.5 1584	4846	4371	4611
2435	4959	20.9 1584	5726	5914	4858
3500	5517	11.8 1584	6618	9439	5393

SAMMON:S CREEK LINE 82-W-34X STN 1120

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
35	2917	509.2 1584	2917	51	2917
50	3004	479.7 1584	3197	75	3001
199	3078	352.8 1584	3102	306	3077
463	3304	203.5 1584	3464	763	3298
818	4414	75.3 1584	5536	1746	4269
978	4560	59.9 1584	5243	2165	4428
1203	4647	47.4 1584	5007	2729	4537
1439	4666	39.5 1584	4761	3290	4573
1804	4602	32.5 1584	4340	4083	4526
2020	4604	29.1 1584	4620	4582	4536
2512	4850	21.1 1584	5750	5996	4774
3500	5446	12.1 1584	6727	9320	5325

SAMMON:S CREEK LINE 82-W-34X STN 1140

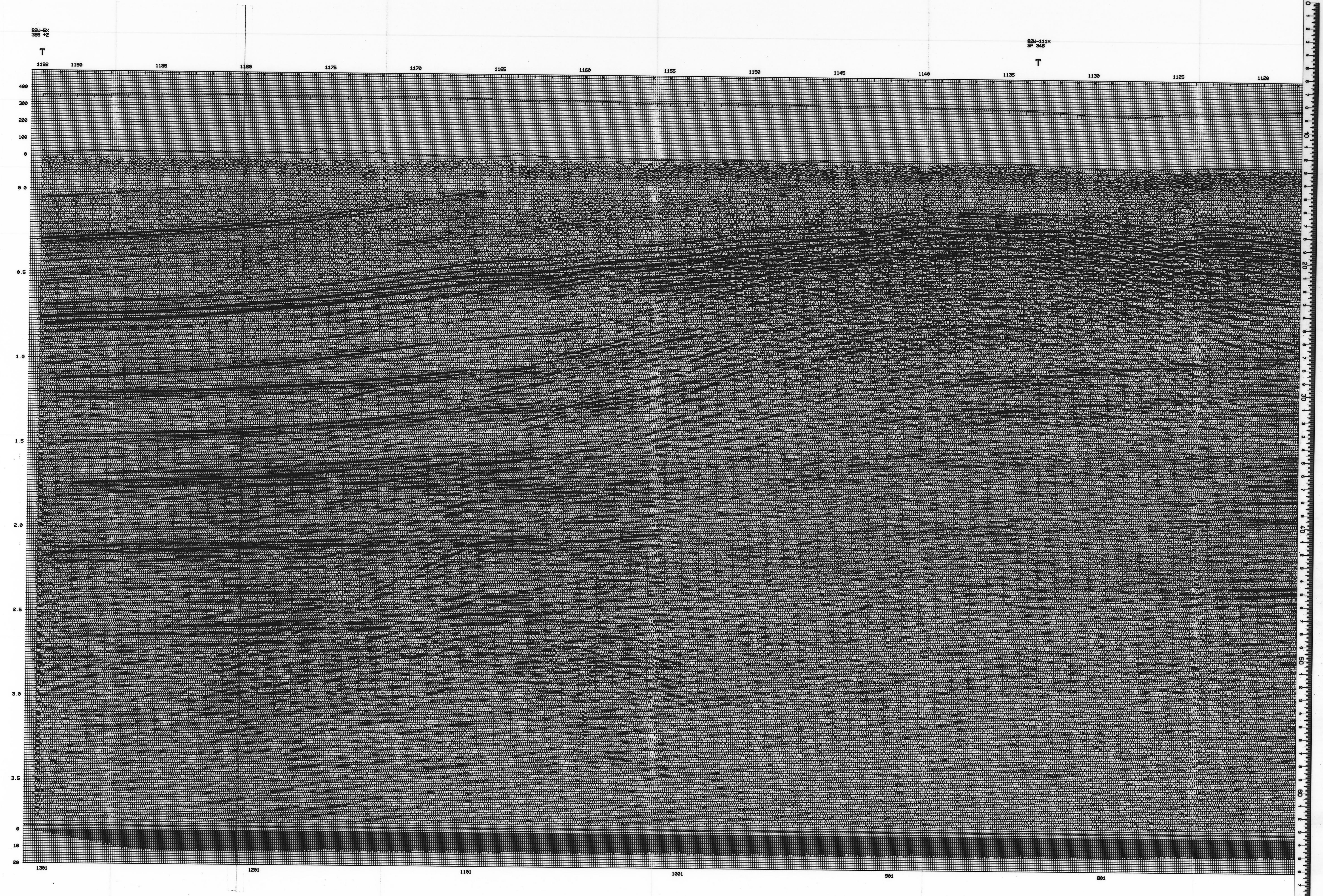
TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
25	3060	493.3 1584	3060	38	3060
35	3057	484.3 1584	3049	53	3056
143	3131	382.7 1584	3154	223	3130
407	3342	217.7 1584	3450	679	3338
784	4365	79.9 1584	5250	1669	4257
1040	4605	55.4 1584	5272	2343	4507
1268	4613	45.7 1584	4649	2873	4533
1517	4529	39.8 1584	4074	3381	4457
1848	4506	33.1 1584	4399	4109	4447
2138	4574	27.9 1584	4985	4832	4520
2569	4651	22.5 1584	5015	5912	4603
3500	5222	13.1 1584	6544	8959	5119

SAMMON:S CREEK LINE 82-W-34X STN 1160

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
63	3130	447.0 1584	3130	98	3130
148	3176	372.2 1584	3209	235	3175
372	3338	231.0 1584	3440	620	3335
628	3500	146.1 1584	3722	1096	3493
1004	4878	51.2 1584	6563	2330	4643
1210	5013	40.6 1584	5624	2910	4810
1473	4897	35.1 1584	4323	3478	4723
1780	4725	31.3 1584	3792	4060	4562
1961	4743	28.2 1584	4916	4505	4595
2239	4958	22.7 1584	6268	5377	4803
2679	5085	18.0 1584	5687	6628	4948
3500	5548	11.6 1584	6844	9437	5393

SAMMON:S CREEK LINE 82-W-34X STN 1190

TWO WAY TIME	RMS VELOCITY	DELTA-T AT X-DISTANCE	INTERVAL VELOCITY	SUMMED DEPTH	AVERAGE VELOCITY
242	3247	302.6 1584	3247	392	3247
483	3390	189.0 1584	3527	817	3387
713	3546	128.4 1584	3853	1261	3537
948	3776	88.7 1584	4400	1778	3751
1317	4766	41.3 1584	6666	3008	4568
1427	4759	38.3 1584	4674	3265	4576
1660	4818	32.2 1584	5164	3866	4658
1944	4824	27.5 1584	4858	4556	4688
2167	4854	24.4 1584	5108	5126	4731
2365	4887	22.1 1584	5234	5644	4773
2813	5007	17.7 1584	5598	6898	4904
3500	5517	11.8 1584	7239	9385	5363



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LINE NO. 82-W-34X

PART NO. 3 **OF** 3

R.R. 8X

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LINE NO. 82-W-34X

PART NO. 2 **OF** 3

R.R. 8X