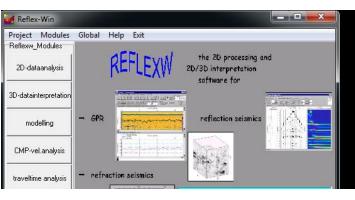
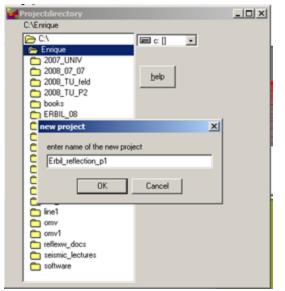
Seismic Line (Exercise)

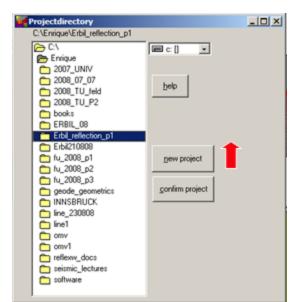
Reflection P	rofile (Erbil	exercise)
27-Aug-08	`	
Fist Geophone	50 m	
Last Geophone	765 m	
First Trace	1	
Last trace	5184	
d(G-G)	5m	
Filename	Shot (m)	G1(m)
rec0036.sq2	0	50
rec0035.sq2	10	50
rec0034.sq2	20	50
rec0033.sg2	30	50
rec0032.sg2	40	50
rec0031.sg2	50	50
rec0030.sg2	60	50
rec0029.sg2	70	50
rec0028.sq2	80	50
rec0027.sq2	90	50
rec0026.sg2	100	50
rec0025.sq2	110	50
rec0024.sg2	120	50
rec0023.sg2	130	50
rec0022.sg2	140	50
rec0021.sg2	150	50
rec0020.sg2	160	50
rec0019.sg2	170	50
rec0018.sg2	180	50
rec0017.sg2	190	50
rec0016.sg2	200	50
rec0015.sg2	210	50
rec0014.sg2	220	50
rec0013.sg2	230	50
rec0012.sg2	240	50
rec0011.sg2	250	50
rec0010.sg2	260	50
rec0009.sg2	270	50
rec0008.sg2	280	50
rec0007.sg2	290	50
rec0006.sg2	300	50
rec0005.sg2	310	50
rec0004.sg2	320	50
rec0003.sg2	330	50
rec0002.sg2	340	50
rec0001.sg2	350	50



144 Receiver / shot

36 / 179 shots





Project Directories

Reflex-Win Project Modules Globa	A Holo Evit		
REFI		program for processing and interpretation of reflection and transmission data	for the
	File Edit View Favorites	Tools Help	
	Back • 🕥 • 🏂	Search 6 Folders	
	Address 🛅 C:\Enrique\Erbil_ref	lection_p1	
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	i dos_ws	MODEL	PROCDATA
			TRAVTIME
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	 Ine 1 Ine_230808 omv omv1 reflexw_docs seismic_lectur software 		
	 -		

Field records

File: all_shots.lst

🚺 all_shots... 💶 🗖 🗙

*

File Edit Format View Help rec0036.sg2

rec0035.sg2 rec0034.sg2 rec0033.sg2 rec0032.sg2 rec0031.sg2 rec0030.sg2 rec0029.sg2 rec0028.sg2 rec0027.sg2 rec0026.sg2 rec0025.sā2 rec0024.sg2 rec0023.sg2 rec0022.sg2 rec0021.sg2 rec0020.sq2 rec0019.sg2 rec0018.sg2 rec0017.sg2 rec0016.sg2 rec0015.sg2 rec0014.sg2 rec0013.sq2 rec0012.sg2 rec0011.sq2 rec0010.sg2 rec0009.sg2 rec0008.sg2 rec0007.sg2 rec0006.sg2 rec0005.sg2 rec0004.sg2 rec0003.sg2 rec0002.sg2 rec0001.sg2

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G Back + 🕤 - 🏂 🔎 Search 🔂 Folders										
Address 🛅 C:\Enrique\Erbil_reflection	n_p1\ASCII									
Folders	× Ball_shots	rec0005.sg2	rec0013.sg2	rec0021.sg2	rec0029.sg2 rec0030.sg2					
Erbil_reflection_p1	geometry	rec0007.sg2	rec0015.sg2	ec0023.sg2	rec0031.sg2					
CINEDATA	IN1	🔤 rec0008.sg2 🚾 rec0009.sg2	🔤 rec0016.sg2 🔤 rec0017.sg2	🔤 rec0024.sg2 🔤 rec0025.sg2	🔤 rec0032.sg2 💼 rec0033.sg2					
🚞 PROCDATA	rec0002.sg2	🖬 rec0010.sg2 🖬 rec0011.sg2	🖬 rec00 18.sg2	式 rec0026.sg2 國 rec0027.sg2	🔤 rec0034.sg2 🔤 rec0035.sg2					
CONDATA	▼ rec0004.sg2	🚾 rec0012.sg2	🔤 rec0020.sg2	🚾 rec0028.sg2	🔤 rec0036.sg2					

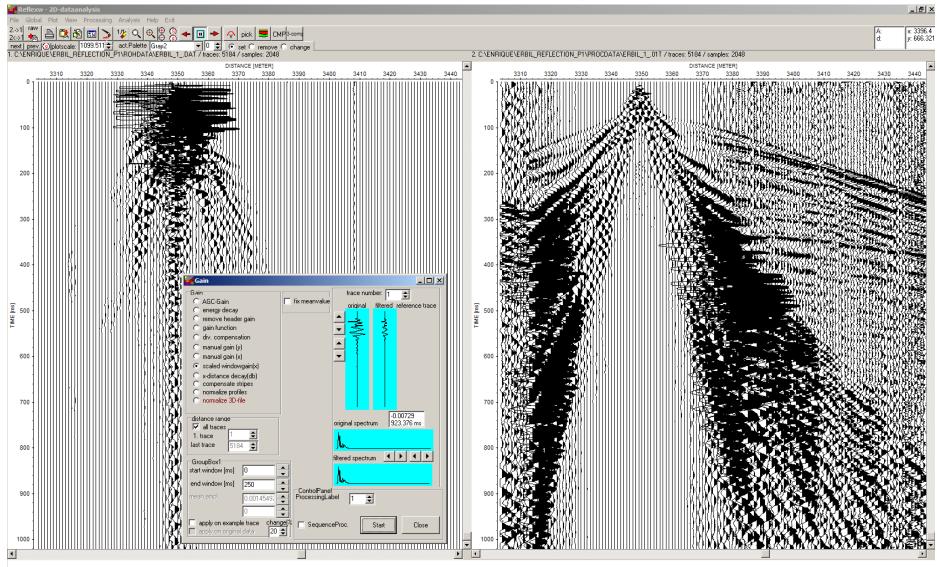
Data import (2/2)

Reflexw - Data Import Fileheader-coordinates DistanceDimen. METER data type several shots increment 1	filename specification specification: manual input filename: Erbil_1 filename factor: 1 Time and comment specificat TimeDimension ms ▼ s time increment 0	ion ion				
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input format: SEG2 output format: 32 bit floating point scaling: 1 ControlOptions fix endcoord.	tracenr./2D-line: 0 trace incr. 0 ControlPanel	IN1 rec0001.sg2 rec0002.sg2 rec0003.sg2 rec0004.sg2	rec0006.sg2 rec0007.sg2 rec0008.sg2 rec0009.sg2 rec0009.sg2 rec0010.sg2	rec0012.sg2 rec0013.sg2 rec0014.sg2 rec0015.sg2 rec0016.sg2	rec0018.sg2 rec0019.sg2 rec0020.sg2 rec0021.sg2 rec0022.sg2	
read starttime ignore blocksize	 PrimaryFile SecondaryFile 	Files of type: orig	shots ginal data Open as read-only		Oper Cance	- 1

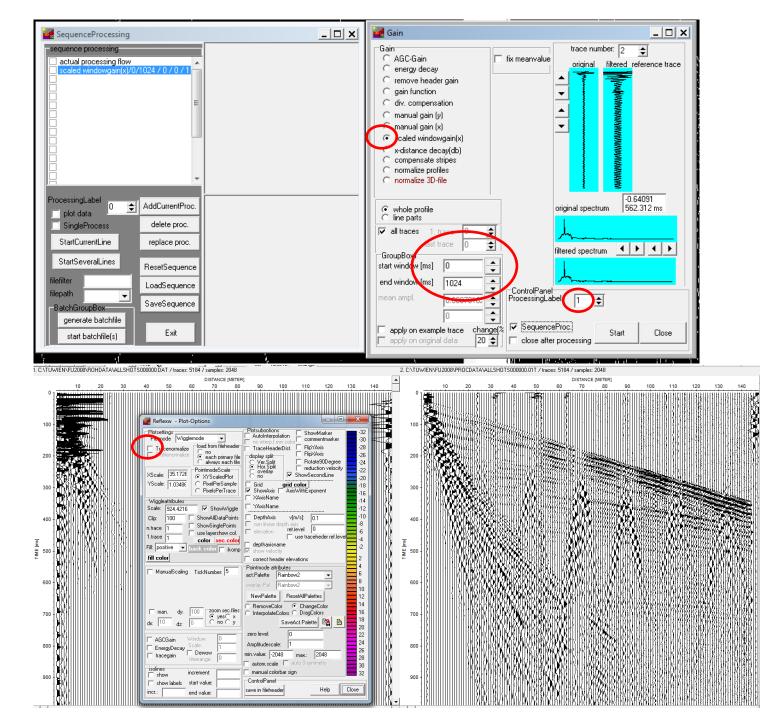
Data converted to Reflex format

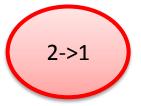
🔩 Refl	lexw - 2D-dataanalysis		
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	rrev. (@)plotscale: 3355.44: 🗢 act.Palette Rainbow1 🔻 🛛 🛫 💽 set C remove C change	Plotsettings Plotsuboptions Vigglemode AutoInterpolation Commentmarker	-32
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	1000 2000	FlipYAxis C no C no C each primary file display split FlipXAxis FlipXAxis	-26
0		🖸 🗌 🖸 always each file 🖉 Ver Split 👘 Rotate90Degree	-24
	김 말한 이 나는 지수 自治 이 가슴을 가 하려는 것 하라는 편값이 있다.	XScale: 11.5544 PointmodeScale C Hor.Split reduction velocity	-22
			-20
	🐱 Reflexw - Data Import	YScale: 1 C PixelPerSample ☐ Grid grid color C PixelsPerTrace ✔ ShowAxis ☐ AxisWithExponent	-18
100	Fileheader-coordinates filename specification	Wiggleattributes	-14
	DistanceDimen. METER specification: Imanual input	Scale: 4252.814 V ShowWiggle	-12
	da Report for digital converion on file C:\Enrique\Erbil_reflection_p1\IMPORT.REP	Clip: 100 ShowAllDataPoints DepthAxis v[m/s]: 0,1	-10
		ShowSinglePoints non linear depth axis	-8
200	1. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0036.sg2 2. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0035.sg2	1.trace 1 use layershow col elevation use traceheder ref.level	-6
	3. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0034.sg2 1	color sec. color	-4
	5. inputfile: C:\Enrique\Erbil_reflection_p1\ASCII\rec0032.sg2	Filt positive back color ikomp show velocity	- ⁻
	6. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0031.sg2 7. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0030.sg2	fill color	2 2
300	A Standard	ManualScaling TickNumber: 5	
	9. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0028.sg2 10. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0027.sg2		
	11. inputfile: C:\Enrique\Erbil_reflection_p1\ASCII\rec0026.sg2 12. inputfile: C:\Enrique\Erbil_reflection_p1\ASCII\rec0025.sg2	overlay Pal. Rainbow2	10
	13. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0024.sg2	NewPalette ResetAllPalettes	12
400	14. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0023.sg2 15. inputfile: C:\Enrique\Erbit_reflection_p1\ASCII\rec0023.sg2	C RemoveColor ChangeColor	14
	form 16 innutfile: C:\Enrique\Erbit reflection_n1\ASCII\rec0021.so2	man. dy: 100 zoom sec.files C InterpolateColors C DragColors	16
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Scaled Windowgain(x)

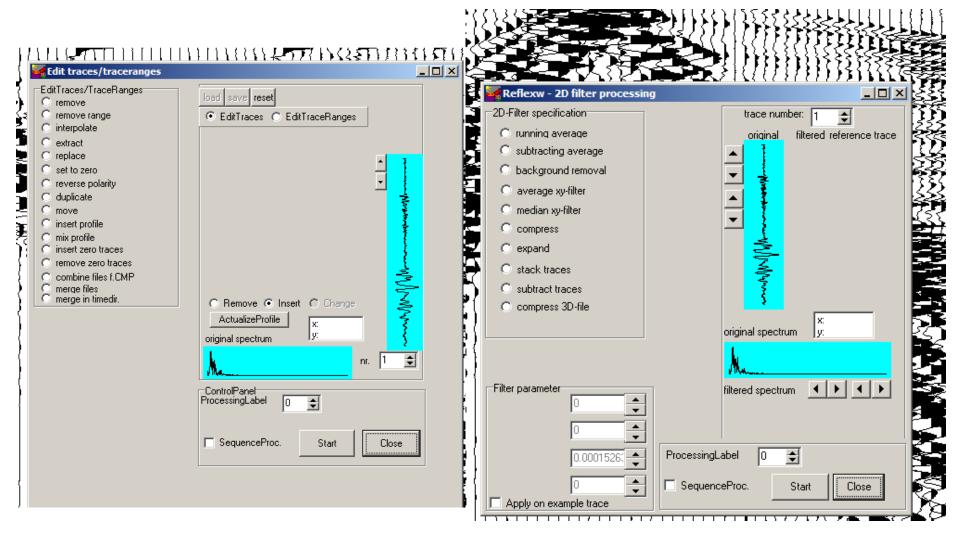


C ASCII

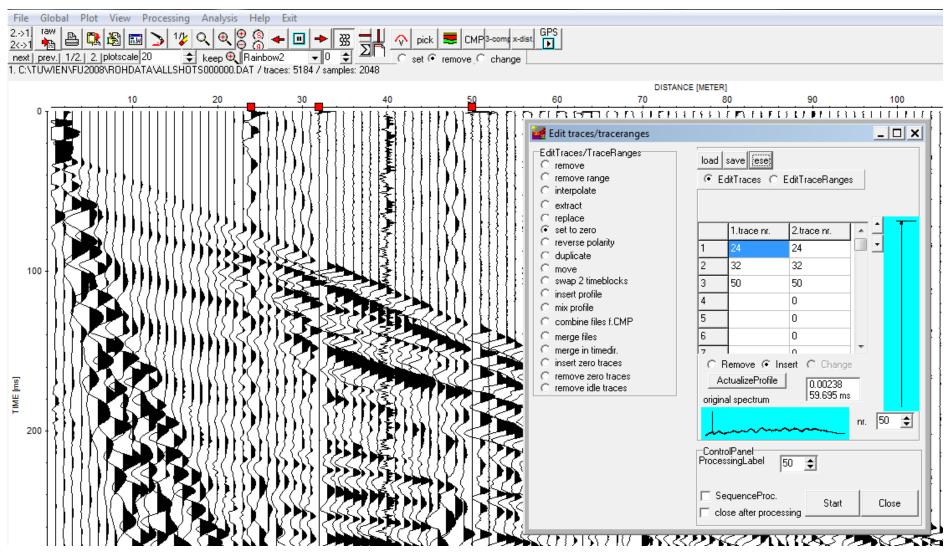




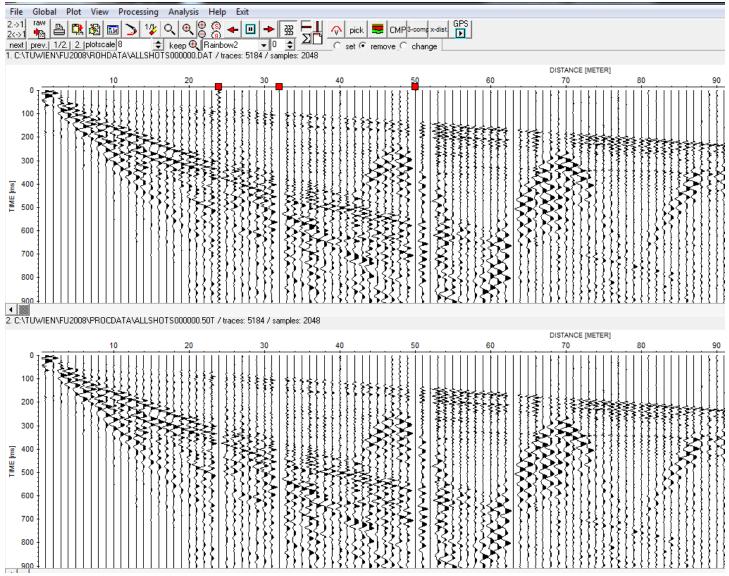
Edit Traces – 2d Filter



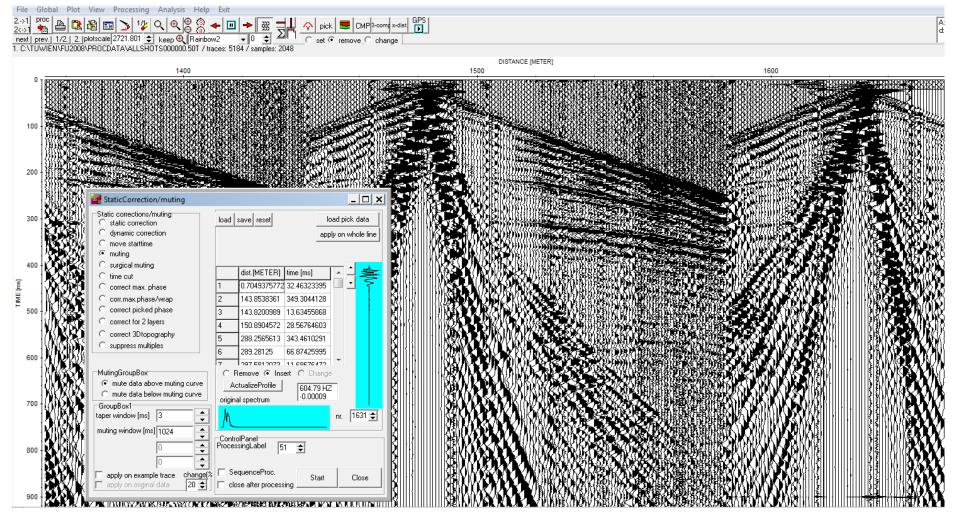
Edit Traces – 2d Filter



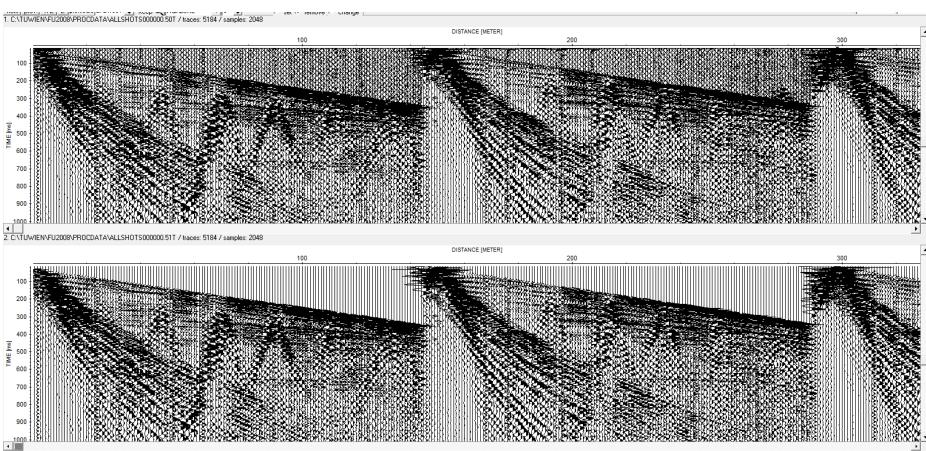
Edit Traces – 2d Filter



Static correction & Mute - 1d Filter



Static correction & Mute - 1d Filter



sample: 1026 trace: 9

Line Geometry (CMP)

🥁 Reflexw - 2D-dataanalysis	
File Global Plot View Processing Analysis Help Exit	
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1. / traces: 0 / samples: 0	
	
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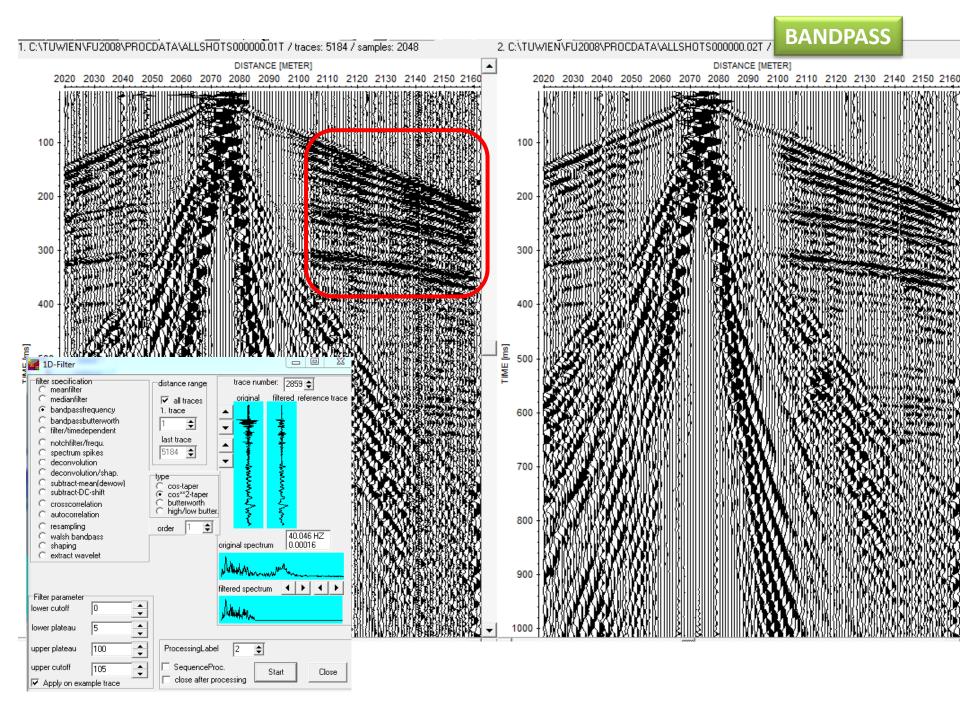
Fixed Line Geometry

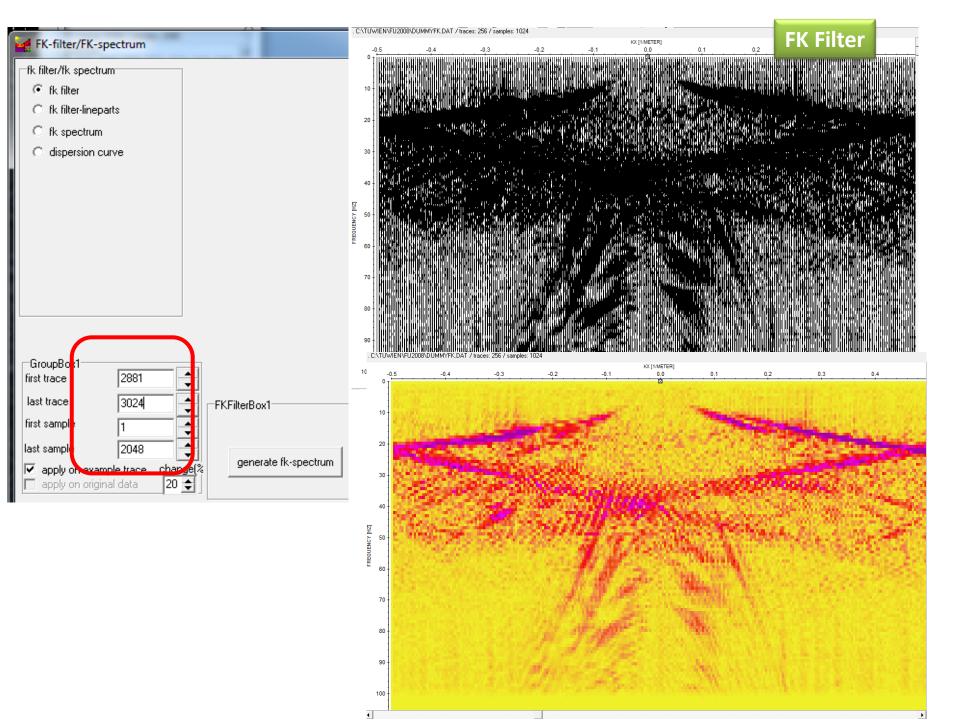
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standard line direction	field record	1 1	5184 0	0 0	0	0	0				
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	shot offs <mark>et 0</mark>										
	receiver increment 5										
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	left shot receiver 0 right shot receiver 0										
	last receiver 765										
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	• x-direction										
	C y-direction shots/rec.										
	C y-direction rec.										
	save load										

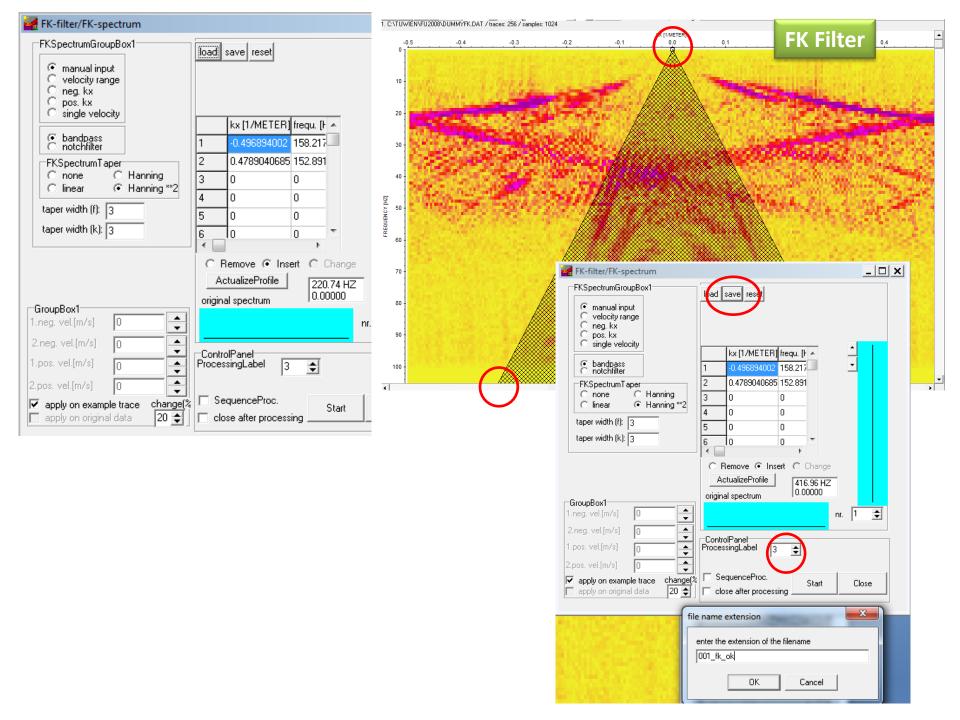
GEOMETRY

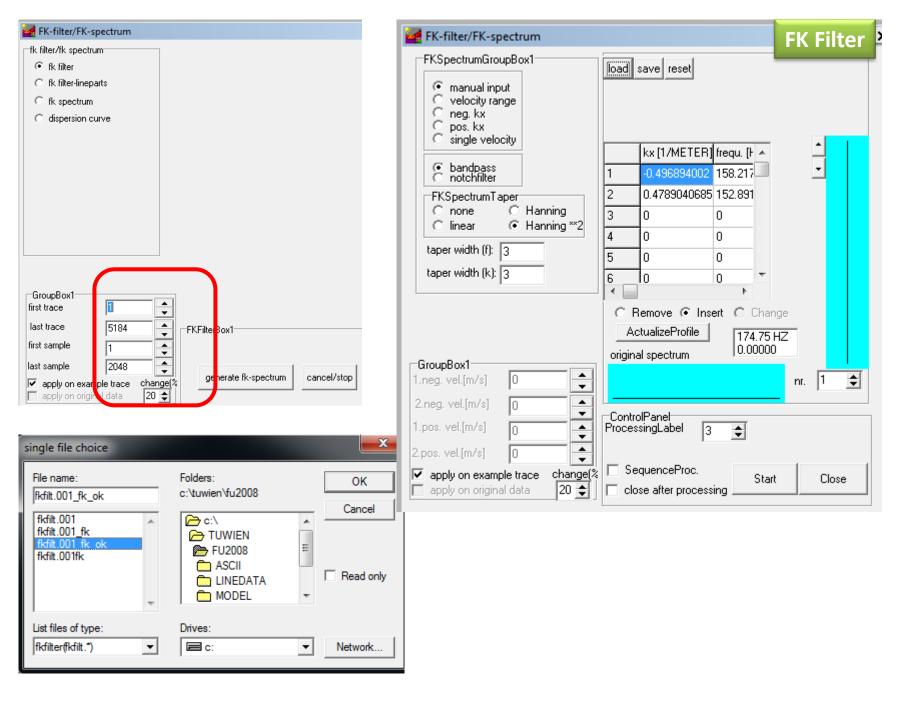
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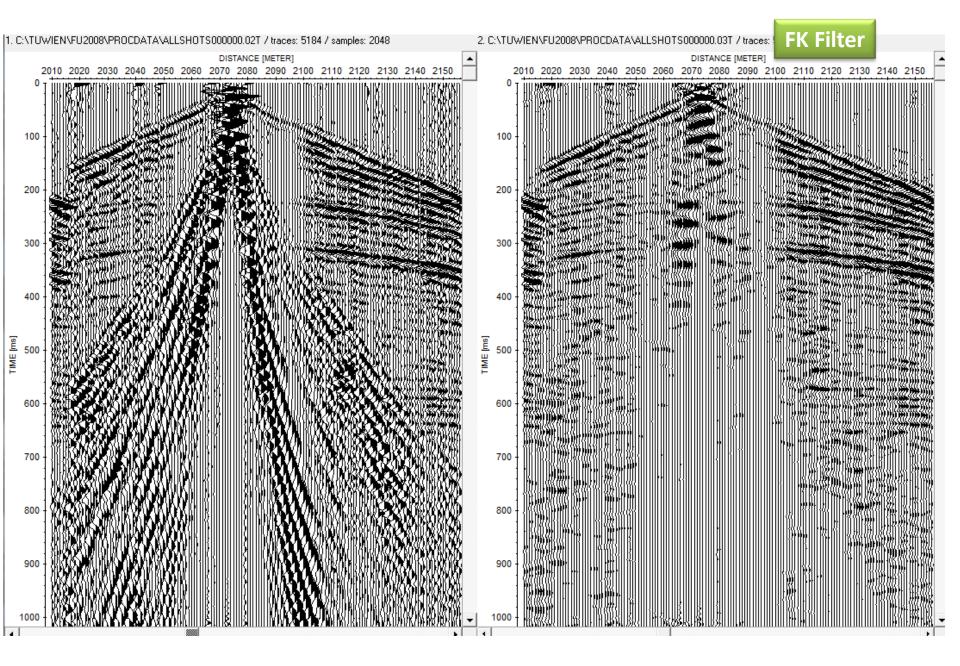
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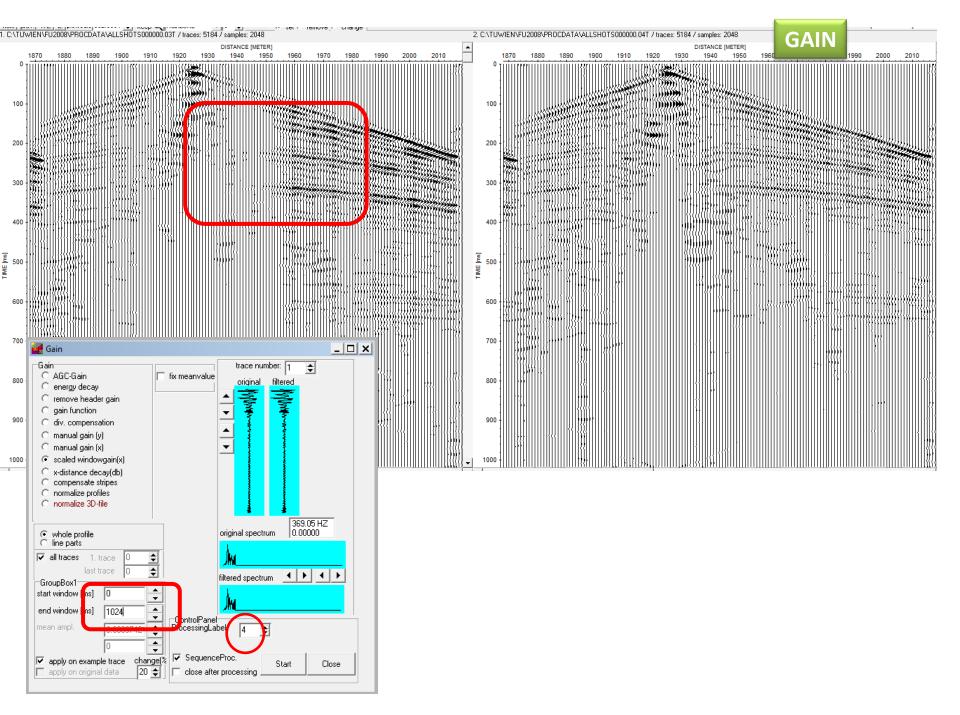




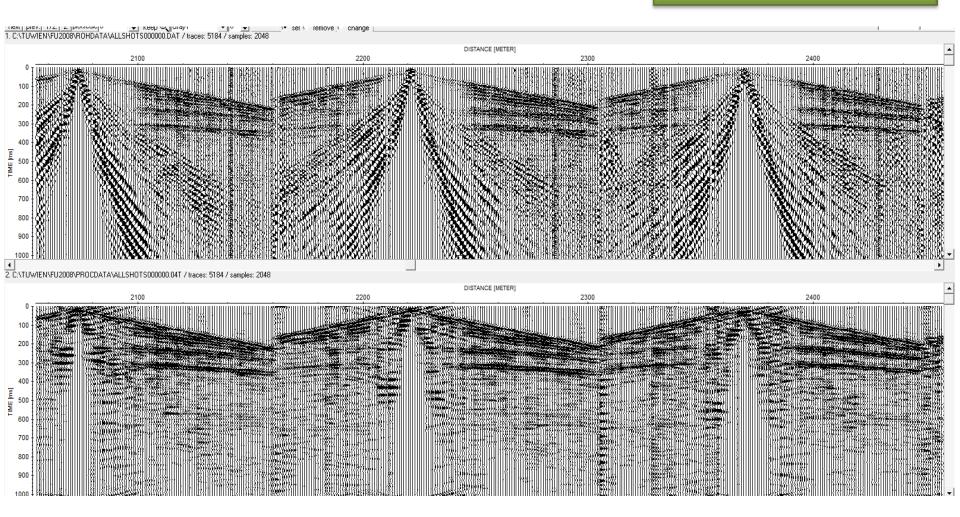








RAW DATA – Filtered DATA



is
is

CMP - Offset





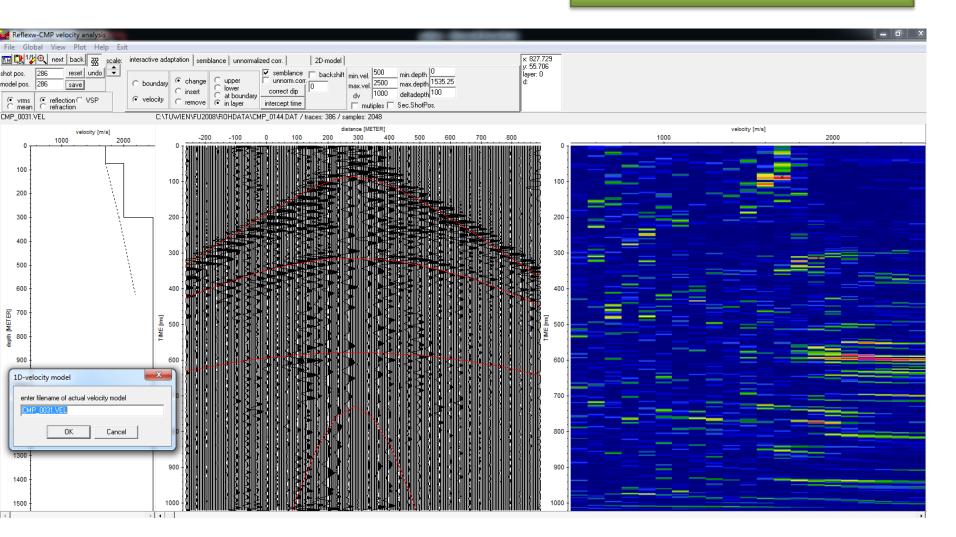
CMP-sorting/stack	geometry
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VELOCITY ANALYSIS - Semblance

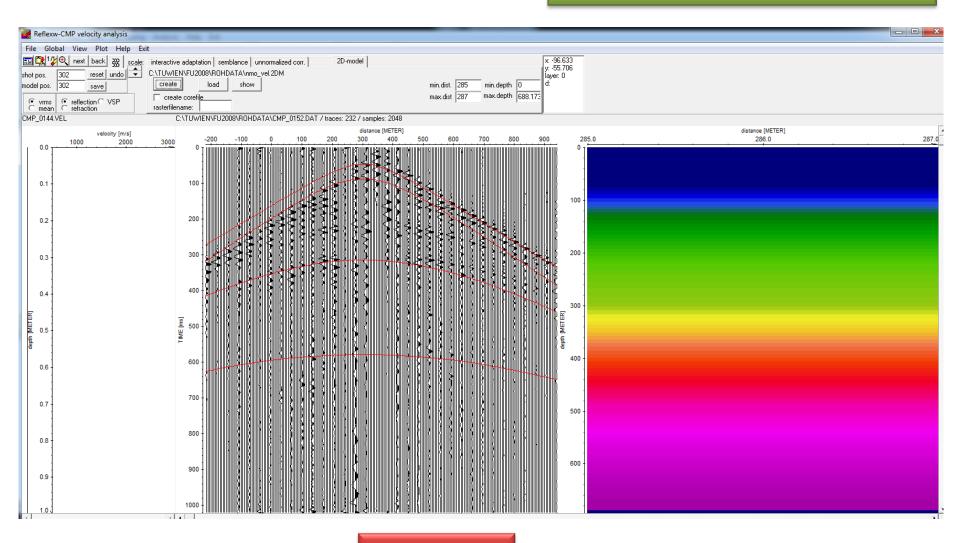


VELOCITY ANALYSIS – Create 2D Velocity File

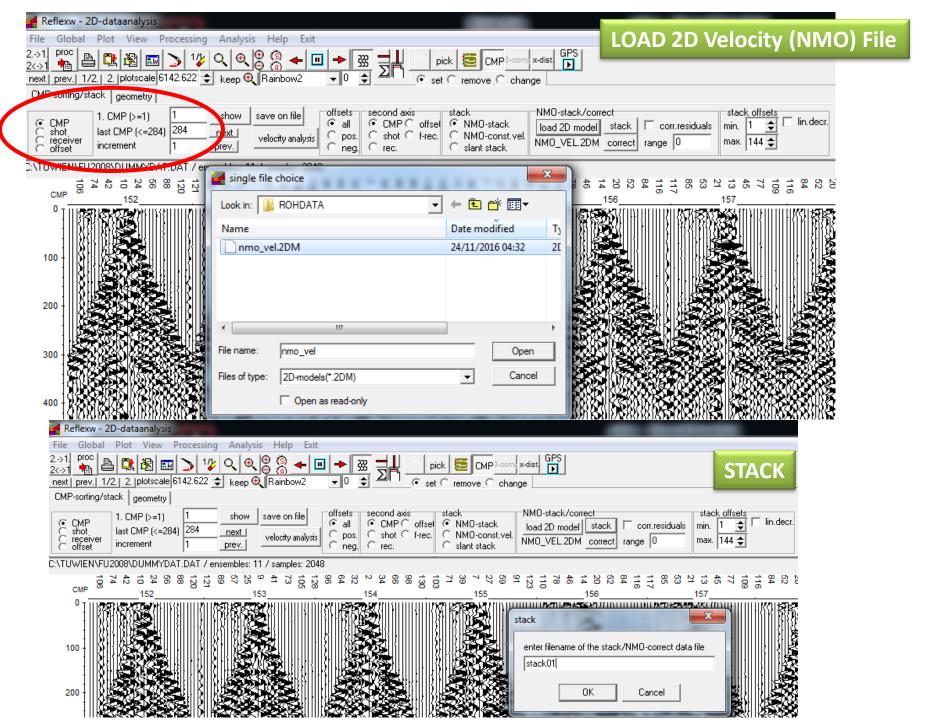
Reflexw-CMP velocity analysis							
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500		500		Open as read-only			
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2D-velocity	model		×				
enter filename of 2D-file containing the names of the ch							
nmo_ve (
[OK	Cancel					

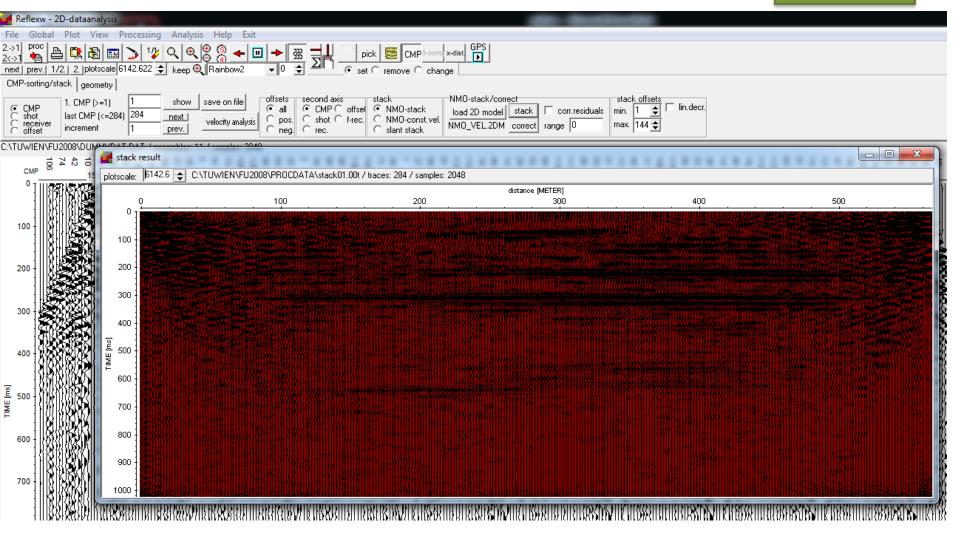
VELOCITY ANALYSIS – Velocity model



Close window



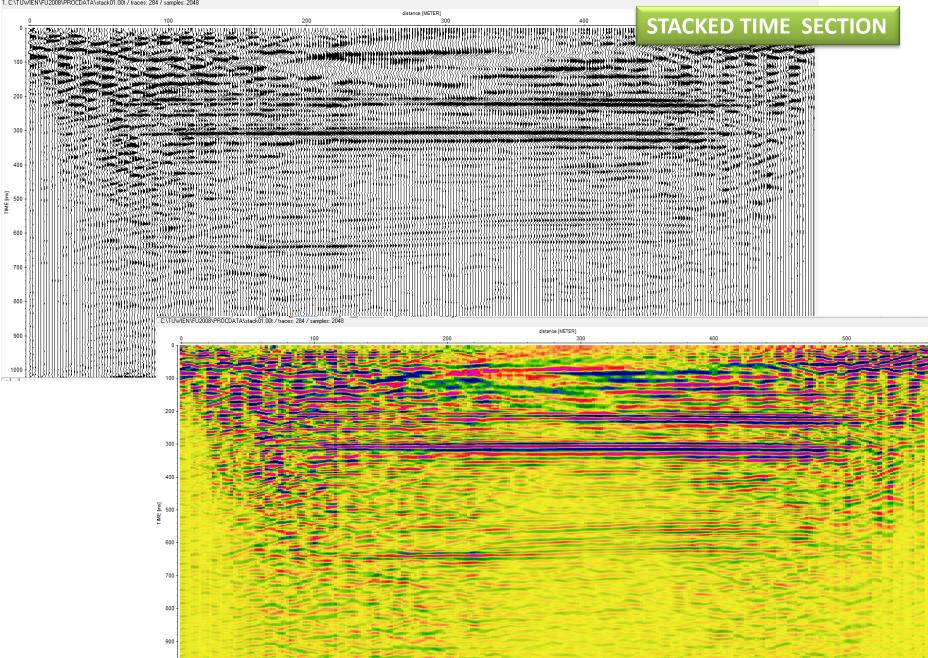
FIRST STACK





1000

STACKED TIME SECTION



distance [METER]

300



