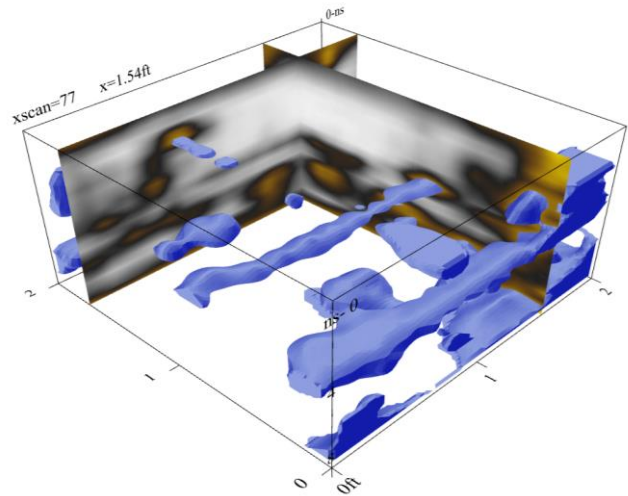
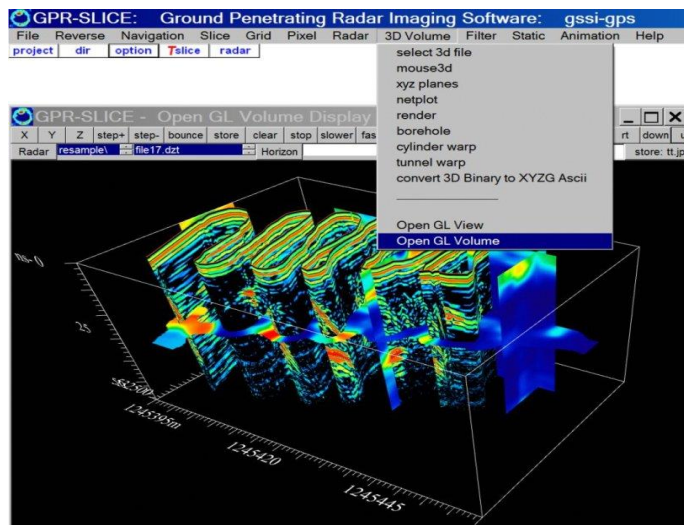




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Ground Penetrating Radar Imaging Software

GAL
Geophysical Archaeometry Laboratory Inc.
20014 Gypsy Ln
Woodland Hills, CA 91364, USA
dean@gpr-survey.com

www.GPR-SURVEY.com

Complete GPS integration
Compatible with all GPR equipment
Open GL Graphics
3D Time Slices-Isosurfaces
Multi-Grid Mosaic Filters
Static Correction

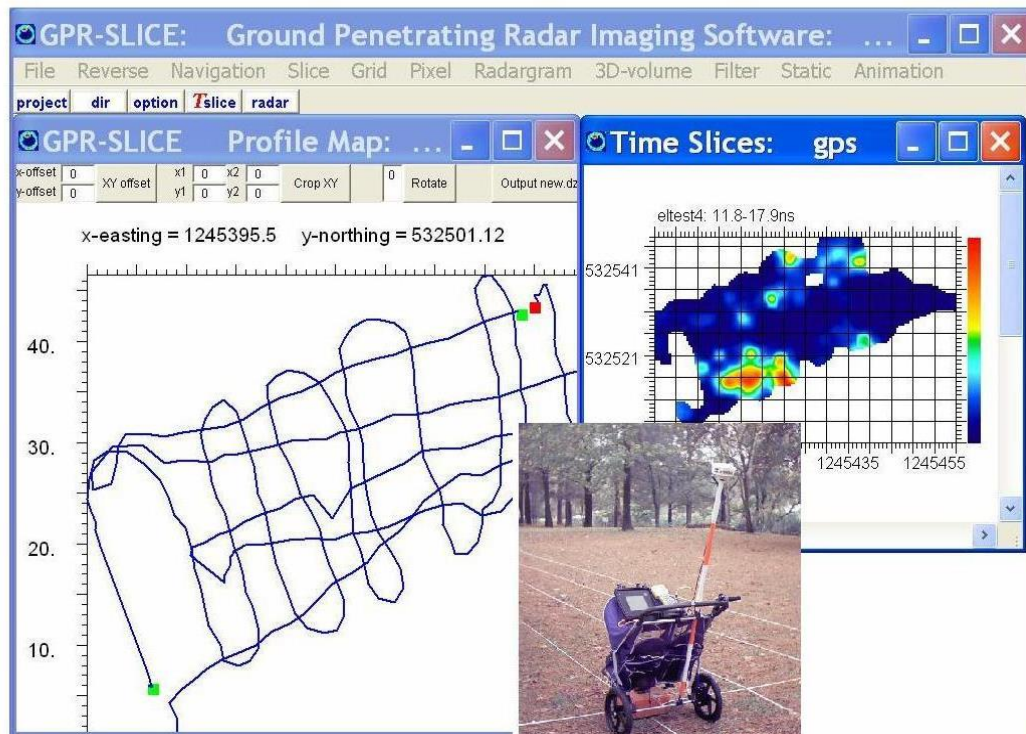
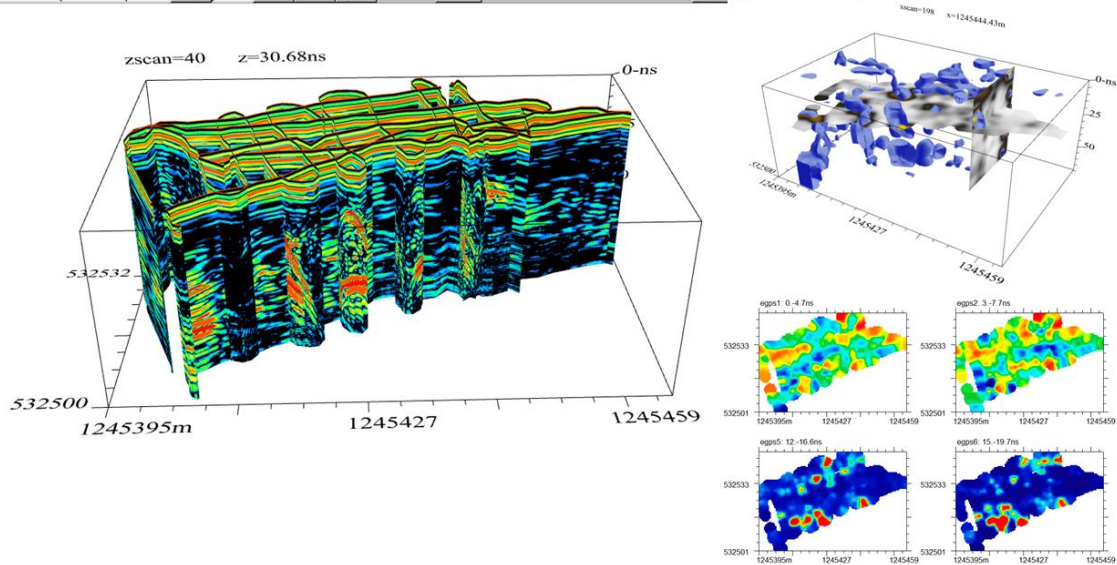
Overlay Analysis
Antenna Tilt Corrections
Gridding Menu
Signal Processing
Multi-Channel GPR ready
>> Professional Images

GPR-SLICE[©]v7.0 GPS Navigation

www.GPR-SURVEY.com

GPR-SLICE - Open GL Volume Display: gssi-gps

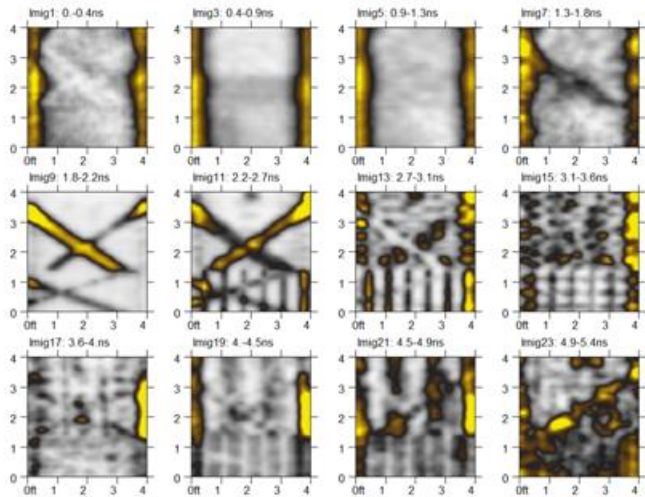
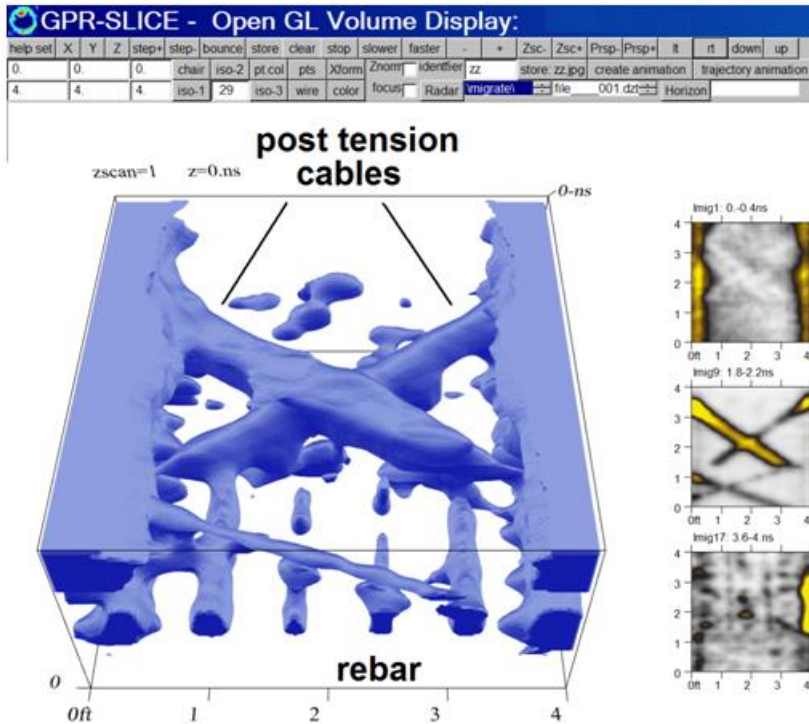
help set	X	Y	Z	step+	step-	bounce	store	clear	stop	slower	faster	-	+	Zsc-	Zsc+	Prsp-	Prsp+	lt	rt	down	up
1245398.	532500.	0.	chair	iso-2	pt.col	pts	Xform	Znorm	identifier	store: .jpg	create animation	trajectory animation									
1245465.	532548.	59.3	iso-1	77	iso-3	wire	color	focus	Radar	resample	file18.dzt	Horizon									



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Concrete

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GPR-SLICE Open GL Volume

GPR-SLICE^(c) Software

GPRSIM^(c) Software

dean@gpr-survey.com

www.GPR-SURVEY.com

US: 20014 Gypsy Ln, Woodland Hills CA 91364, 818-716-6957



Open GL addon

for 3D Volume

Real Time

Flythroughs

Real Time

Rotation/Tilt

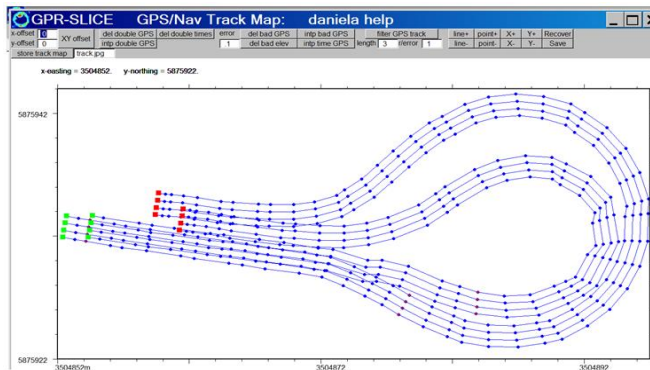
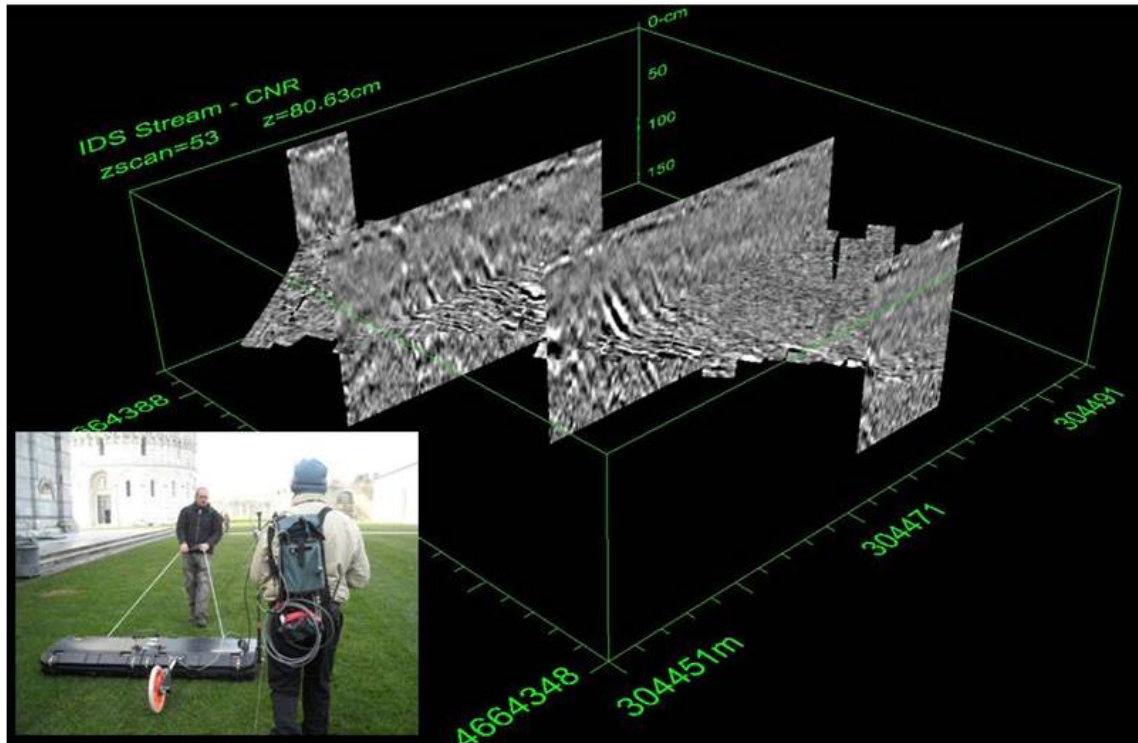
Real Time

Fence Diagrams

GPR-SLICE[©]v7.0

Multi-Channel

www.GPR-SURVEY.com



Wiebe Group GeoRail Division, Germany

Complete Multi-Channel Integration:

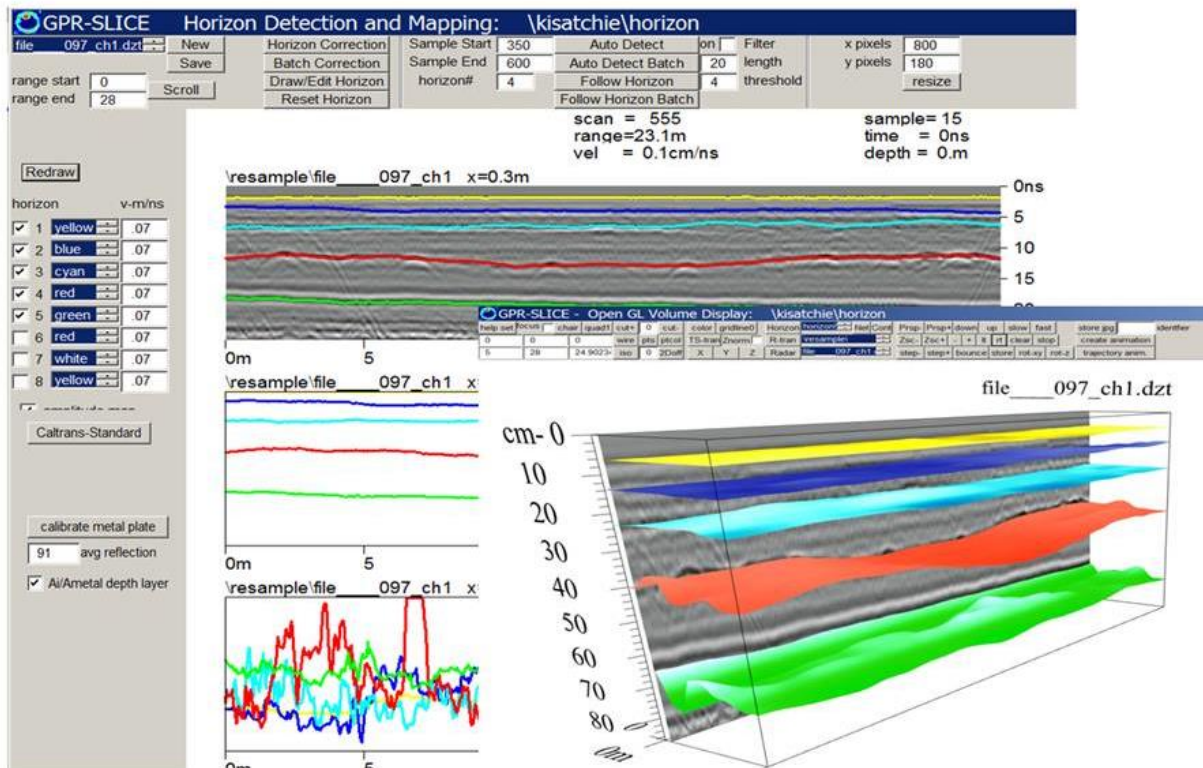
IDS Stream
Mala Mira
GeoScope
Terravision

BlueBox Batch Operation(c)

One Click >>>

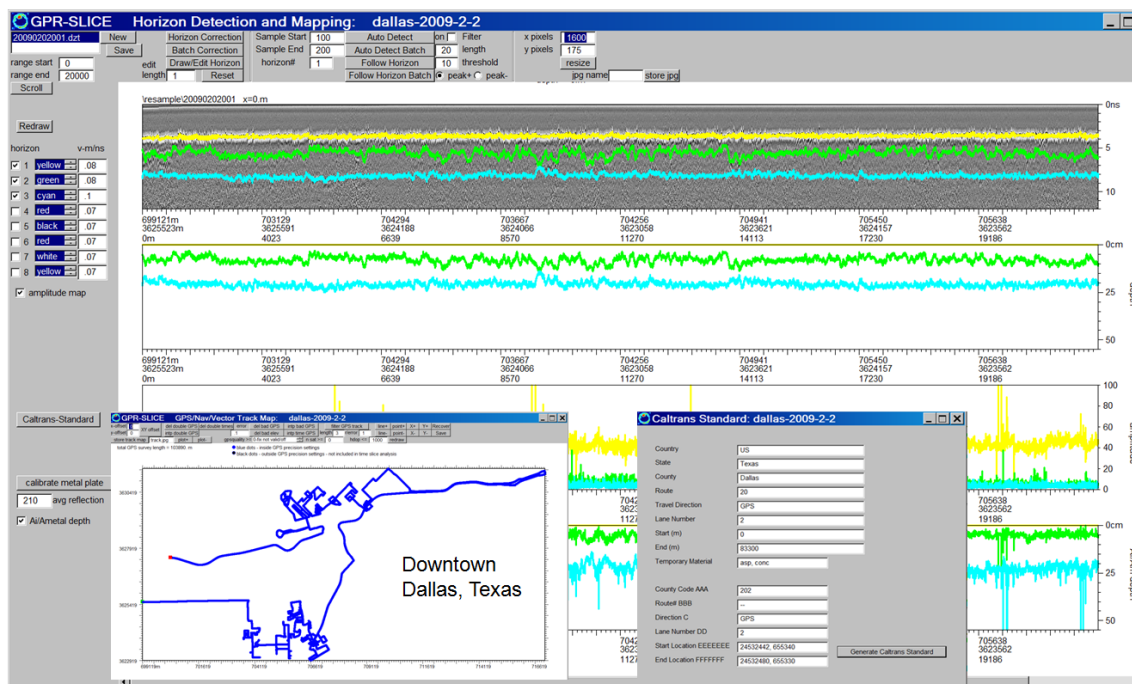
Raw data to Processed 3D Volumes

GPR-SLICE©v7.0 Horizon Mapping



GPR-SLICE©v7.0 Road Survey

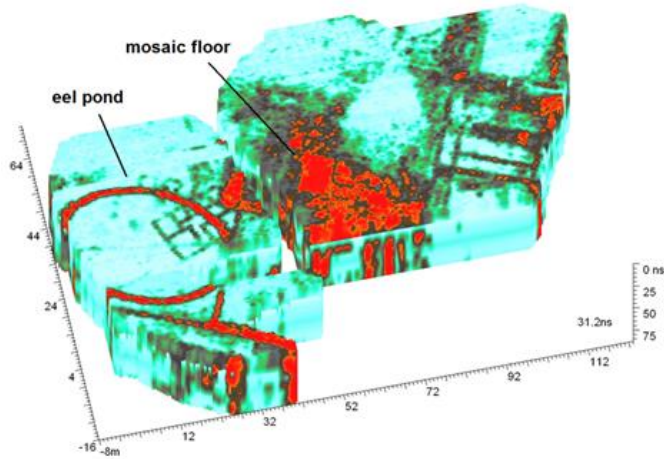
Automatic Horizon Detection and Mapping



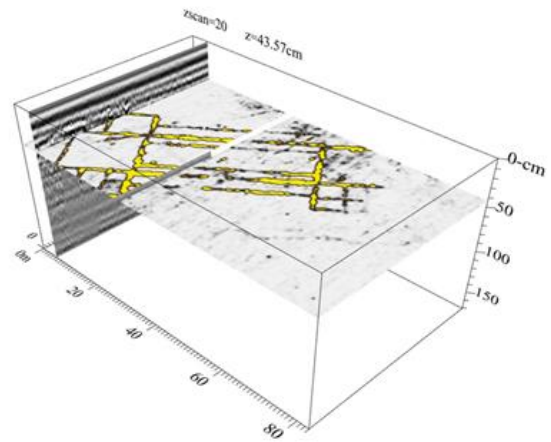
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Archaeology

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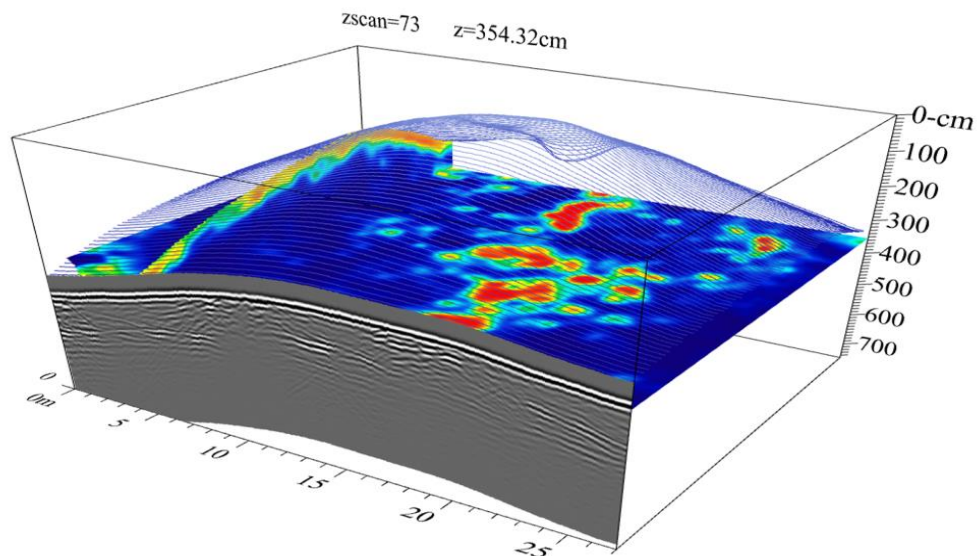
Villa of Roman Emperor Trajanus, Italy



Unknown Villa, Grosseto, Italy

GPR-SLICE[©] V7.0 Topographic Corrections

© GPR-SLICE - Open GL Volume Display: \\kisatchie\mala-topo																			
help set	X	Y	Z	step+	step-	bounce	store	clear	stop	slower	faster	-	+	Zsc-	Zsc+	Prsp-	Prsp+	lt	rt
0.	0.	0.	0.	chair	iso-2	pt.col	pts	Xform	Znorm	identifier	x	store: x.jpg	create animation	trajectory animation					
27.	22.	106.1	iso-1	75	iso-3	wire	color	focus	Radar	Topo\	dat_0001 rd3	Horizon	topo1.grd	Net					



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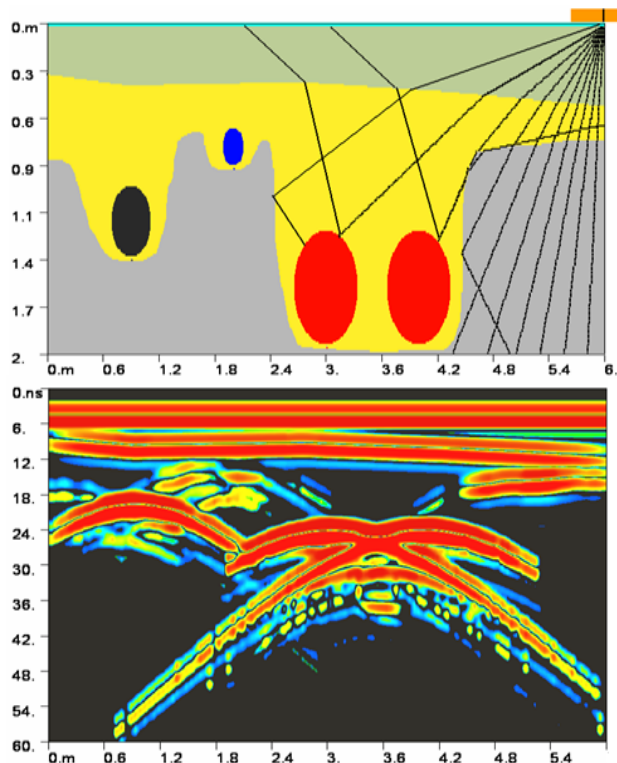
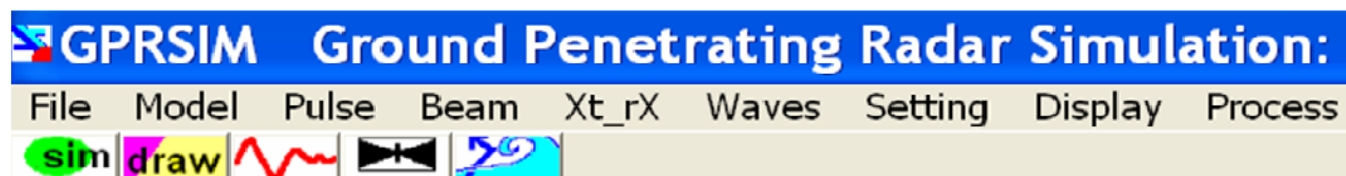


GPS + any random track + antenna orientation --> complete tunnel solution

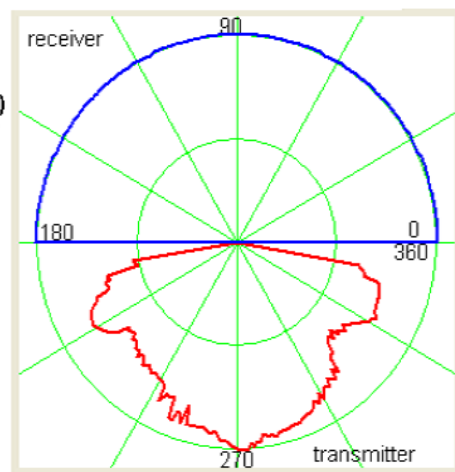
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GPRSIM v3.0

Ground Penetrating Radar Simulation Software



	Er	Cond (mho/m)
air	1	0
soil2	6	.001
soil3	8	.002
fiber	4	.004
optic	5	.05
soil 4	1	5.8e7
copper	1	1.e6
iron		



GPRSIM Simulation:
Hazardous waste drums
buried near utilities

"2D forward modeling simulation software specifically designed for GPR"

antenna design menu
impulse design menu
easy model drawing
polarization modeling
mono-static & bi-static
simulations
conductive dissipation
multiples
wavetype menu
model post processing
antenna aperture dependent
one click model recall



Geophysical Archaeometry Laboratory

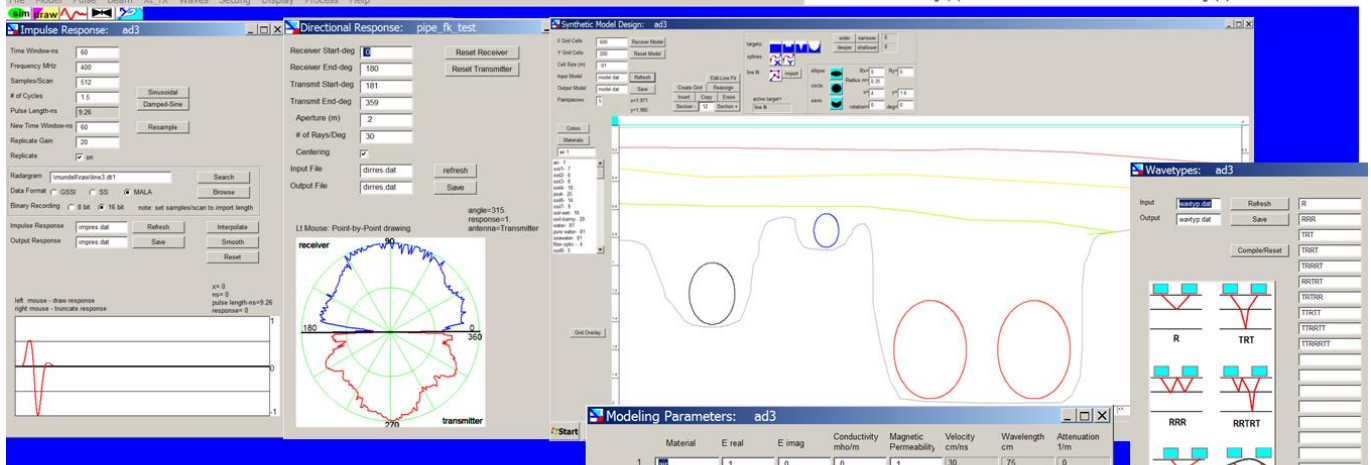
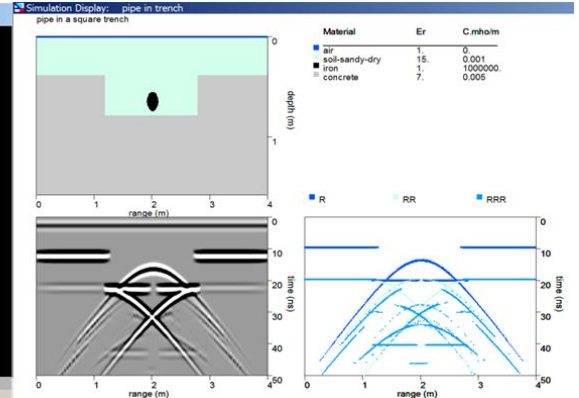
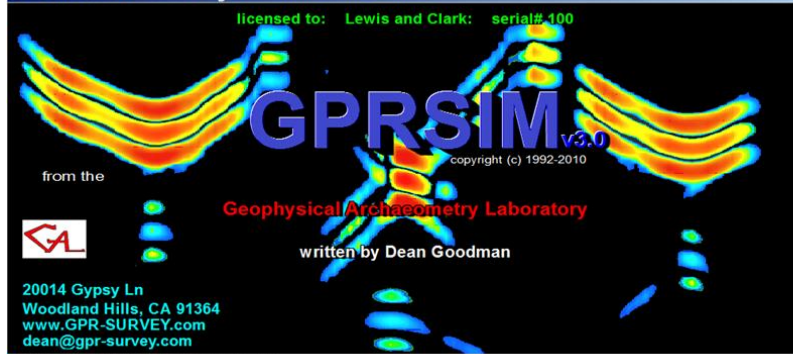
GPR-SLICE @ Software

GPRSIM @ Software

email: gal_usa_goodman@msn.com

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GPRSIM Ground Penetrating Radar Simulation Software

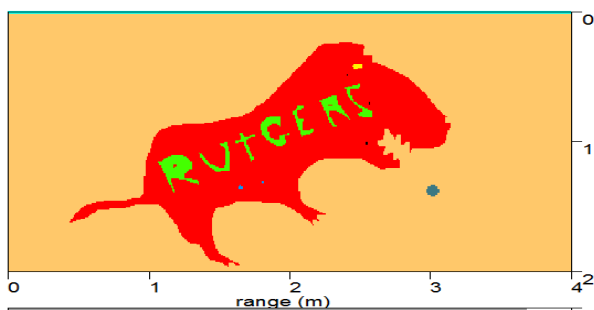


Beam response menu
Impulse response menu
Model design menu
Simulation export option
Wavetype decoupling

1 click project recall
Topographic simulations
Kirchoff migration post processing menu
Conductive dissipation modeling
Wide angle simulations

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Simulation Display: rex GPRSIM - V trench



Material	Er	C.mho/m
air	1.	0.
soil1	6	0.001
dinosaur skin	30.	0.002
soil4	16.	0.005
soil6	14.	0.0005
soil-wet	25.	0.0069
pure water	81.	0.0001
copper	1.	5.8

TRRRRT
RRTRT
R
TRTRR
TRRT

