

LIVINGSTON RIDGE SWD WATER LINE

Cardinal Laboratories

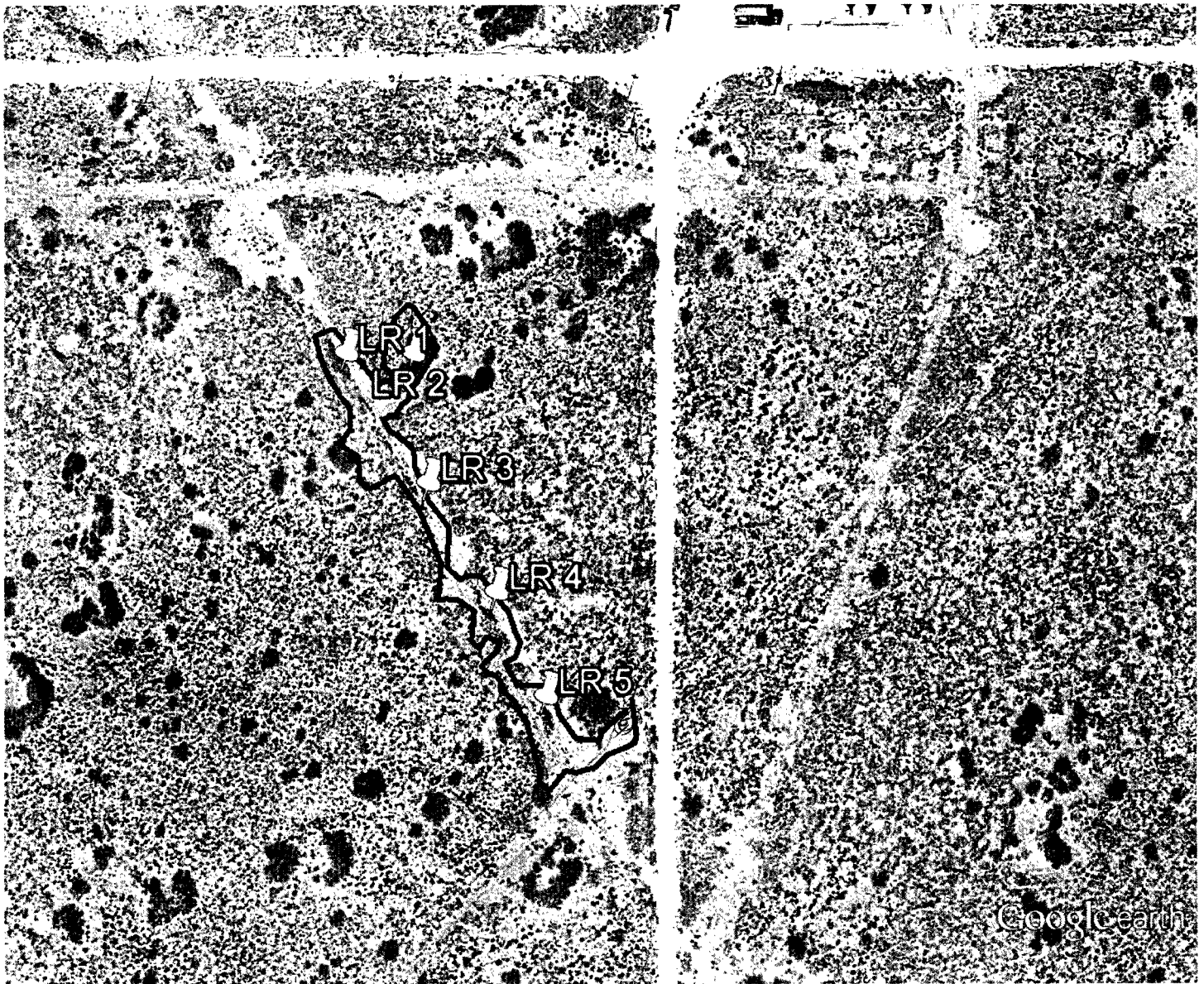
Analytical Report- H302701	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
LR 1-2	Release Area	11/4/2013	Grab/Backhoe	2'	ND	ND	ND	ND	10,300
LR 1-4	Release Area	11/4/2013	Grab/Backhoe	4'	ND	ND	ND	ND	21,200
LR 1-6	Release Area	11/4/2013	Grab/Backhoe	6'	ND	ND	ND	ND	29,600
LR 1-8	Release Area	11/4/2013	Grab/Backhoe	8'	ND	ND	ND	ND	16,200
LR 1-10	Release Area	11/4/2013	Grab/Backhoe	10'	ND	ND	ND	ND	10,000
LR 1-12	Release Area	11/4/2013	Grab/Backhoe	12'	ND	ND	ND	ND	18,000
LR 1-14	Release Area	11/4/2013	Grab/Backhoe	14'	ND	ND	ND	ND	16,000
LR 1-16	Release Area	11/4/2013	Grab/Backhoe	16'	ND	ND	ND	ND	14,400
LR 2-2	Release Area	11/4/2013	Grab/Backhoe	2'	ND	ND	ND	ND	14,600
LR 2-4	Release Area	11/4/2013	Grab/Backhoe	4'	ND	ND	ND	ND	14,000
LR 2-6	Release Area	11/4/2013	Grab/Backhoe	6'	ND	ND	ND	ND	10,800
LR 2-8	Release Area	11/4/2013	Grab/Backhoe	8'	ND	ND	ND	ND	12,200
LR 2-10	Release Area	11/4/2013	Grab/Backhoe	10'	ND	ND	ND	ND	17,200
LR 2-12	Release Area	11/4/2013	Grab/Backhoe	12'	ND	ND	ND	ND	20,200
LR 2-14	Release Area	11/4/2013	Grab/Backhoe	14'	ND	ND	ND	ND	15,400
LR 3-2	Release Area	11/4/2013	Grab/Backhoe	2'	ND	ND	ND	ND	6,260
LR 3-4	Release Area	11/4/2013	Grab/Backhoe	4'	ND	ND	ND	ND	11,200
LR 3-6	Release Area	11/4/2013	Grab/Backhoe	6'	ND	ND	ND	ND	25,200
LR 3-8	Release Area	11/4/2013	Grab/Backhoe	8'	ND	ND	ND	ND	14,800
LR 3-10	Release Area	11/4/2013	Grab/Backhoe	10'	ND	ND	ND	ND	13,200
LR 3-12	Release Area	11/4/2013	Grab/Backhoe	12'	ND	ND	ND	ND	12,200
LR 3-14	Release Area	11/4/2013	Grab/Backhoe	14'	ND	ND	ND	ND	19,000
LR 3-16	Release Area	11/4/2013	Grab/Backhoe	16'	ND	ND	ND	ND	12,600
LR 4-2	Release Area	11/4/2013	Grab/Backhoe	2'	ND	ND	ND	ND	22,200
LR 4-4	Release Area	11/4/2013	Grab/Backhoe	4'	ND	ND	ND	ND	11,600
LR 4-6	Release Area	11/4/2013	Grab/Backhoe	6'	ND	ND	ND	ND	23,000
LR 4-8	Release Area	11/4/2013	Grab/Backhoe	8'	ND	ND	ND	ND	12,600
LR 4-10	Release Area	11/4/2013	Grab/Backhoe	10'	ND	ND	ND	ND	21,800
LR 4-12	Release Area	11/4/2013	Grab/Backhoe	12'	ND	ND	ND	ND	24,400
LR 4-14	Release Area	11/4/2013	Grab/Backhoe	14'	ND	ND	ND	ND	26,000
LR 4-16	Release Area	11/4/2013	Grab/Backhoe	16'	ND	ND	ND	ND	22,600
LR 5-2	Release Area	11/4/2013	Grab/Backhoe	2'	ND	ND	ND	ND	11,400
LR 5-4	Release Area	11/4/2013	Grab/Backhoe	4'	ND	ND	ND	ND	17,000
LR 5-6	Release Area	11/4/2013	Grab/Backhoe	6'	ND	ND	ND	ND	29,200
LR 5-8	Release Area	11/4/2013	Grab/Backhoe	8'	ND	ND	ND	ND	14,800
LR 5-10	Release Area	11/4/2013	Grab/Backhoe	10'	ND	ND	ND	ND	15,800
LR 5-12	Release Area	11/4/2013	Grab/Backhoe	12'	ND	ND	ND	ND	14,600
LR 5-14	Release Area	11/4/2013	Grab/Backhoe	14'	ND	ND	ND	ND	19,400
LR 5-16	Release Area	11/4/2013	Grab/Backhoe	16'	ND	ND	ND	ND	25,600

Site Ranking is ZERO (0). Depth to Ground Water >100' (100'-125' PER TREND MAP)

All results are ppm.Chlorides for documentation.

Released: 3200 B/PW, 50 B/O; Recovered: 480 B/PW, 30 B/O. Release Date: 10/27/2013. 2RP-2044

Meeting 3/12/14



Google earth

feet
meters

100

600



Livingston Ridge SWD Water Line

11/4/2013 Sampling Event

H302701

NOTE: Sampling points
are not to scale.

*Outline of release was
walked with a GPS unit.

Invitation to the 2nd World War

11/11/2012 11/11/2012

11/11/2012

LIVINGSTON RIDGE SWD WATER LINE

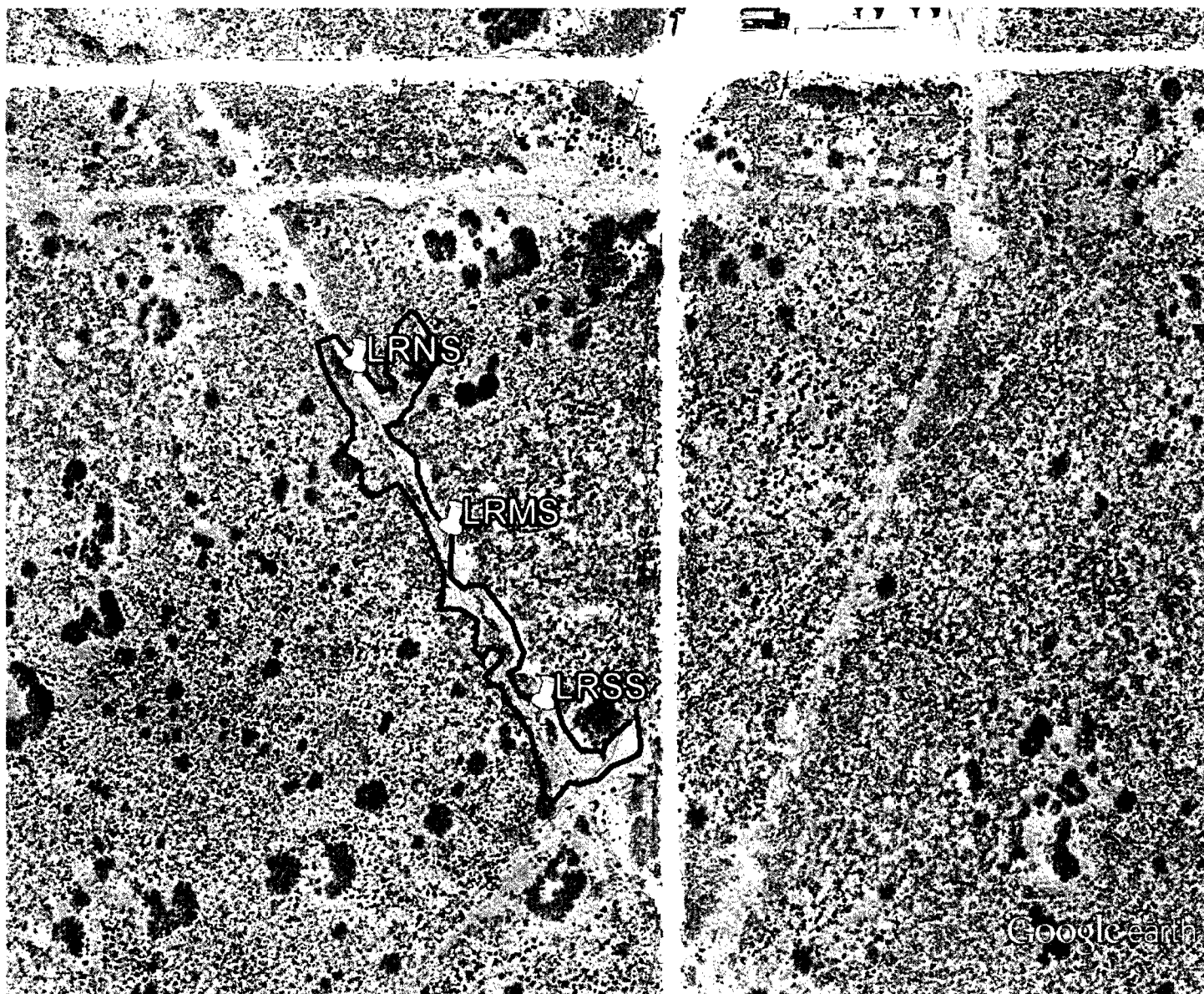
Cardinal Laboratories

Analytical Report- H400165	Sample Area	Sample Date	Sample Type	Depth	Chlorides
LRSS 20	Release Area	1/16/2014	Grab/Core Rig	20'	11,700
LRSS 25	Release Area	1/16/2014	Grab/Core Rig	25'	14,800
LRSS 30	Release Area	1/16/2014	Grab/Core Rig	30'	3,800
LRSS 35	Release Area	1/16/2014	Grab/Core Rig	35'	5,120
LRSS 40	Release Area	1/16/2014	Grab/Core Rig	40'	2,160
LRSS 45	Release Area	1/16/2014	Grab/Core Rig	45'	5,120
LRSS 50	Release Area	1/16/2014	Grab/Core Rig	50'	6,400
LRSS 55	Release Area	1/16/2014	Grab/Core Rig	55'	208
LRMS 20	Release Area	1/16/2014	Grab/Core Rig	20'	12,000
LRMS 25	Release Area	1/16/2014	Grab/Core Rig	25'	9,200
LRMS 30	Release Area	1/16/2014	Grab/Core Rig	30'	3,000
LRMS 35	Release Area	1/16/2014	Grab/Core Rig	35'	160
LRMS 40	Release Area	1/16/2014	Grab/Core Rig	40'	1,260
LRMS 45	Release Area	1/16/2014	Grab/Core Rig	45'	592
LRMS 50	Release Area	1/16/2014	Grab/Core Rig	50'	384
LRMS 55	Release Area	1/16/2014	Grab/Core Rig	55'	752
LRNS 20	Release Area	1/16/2014	Grab/Core Rig	20'	8,260
LRNS 25	Release Area	1/16/2014	Grab/Core Rig	25'	3,600
LRNS 30	Release Area	1/16/2014	Grab/Core Rig	30'	3,280
LRNS 35	Release Area	1/16/2014	Grab/Core Rig	35'	144
LRNS 40	Release Area	1/16/2014	Grab/Core Rig	40'	192
LRNS 45	Release Area	1/16/2014	Grab/Core Rig	45'	528
LRNS 50	Release Area	1/16/2014	Grab/Core Rig	50'	128
LRNS 55	Release Area	1/16/2014	Grab/Core Rig	55'	192

Site Ranking is ZERO (0). Depth to Ground Water >100' (100'-125' PER TREND MAP)

All results are ppm.Chlorides for documentation.

Released: 3200 B/PW, 50 B/O; Recovered: 480 B/PW, 30 B/O. Release Date: 10/27/2013. 2RP-2044



Google earth

feet
meters

100 600



Livingston Ridge SWD Water line

1/16/2014 Sampling Event

H400165

NOTE: Sampling points are
not to scale.

*Outline of release was
walked with a GPS Unit.

H40012

11/15/2014 10:00 AM

Livingston Ridge and Water Run

LIVINGSTON RIDGE SWD WATER LINE

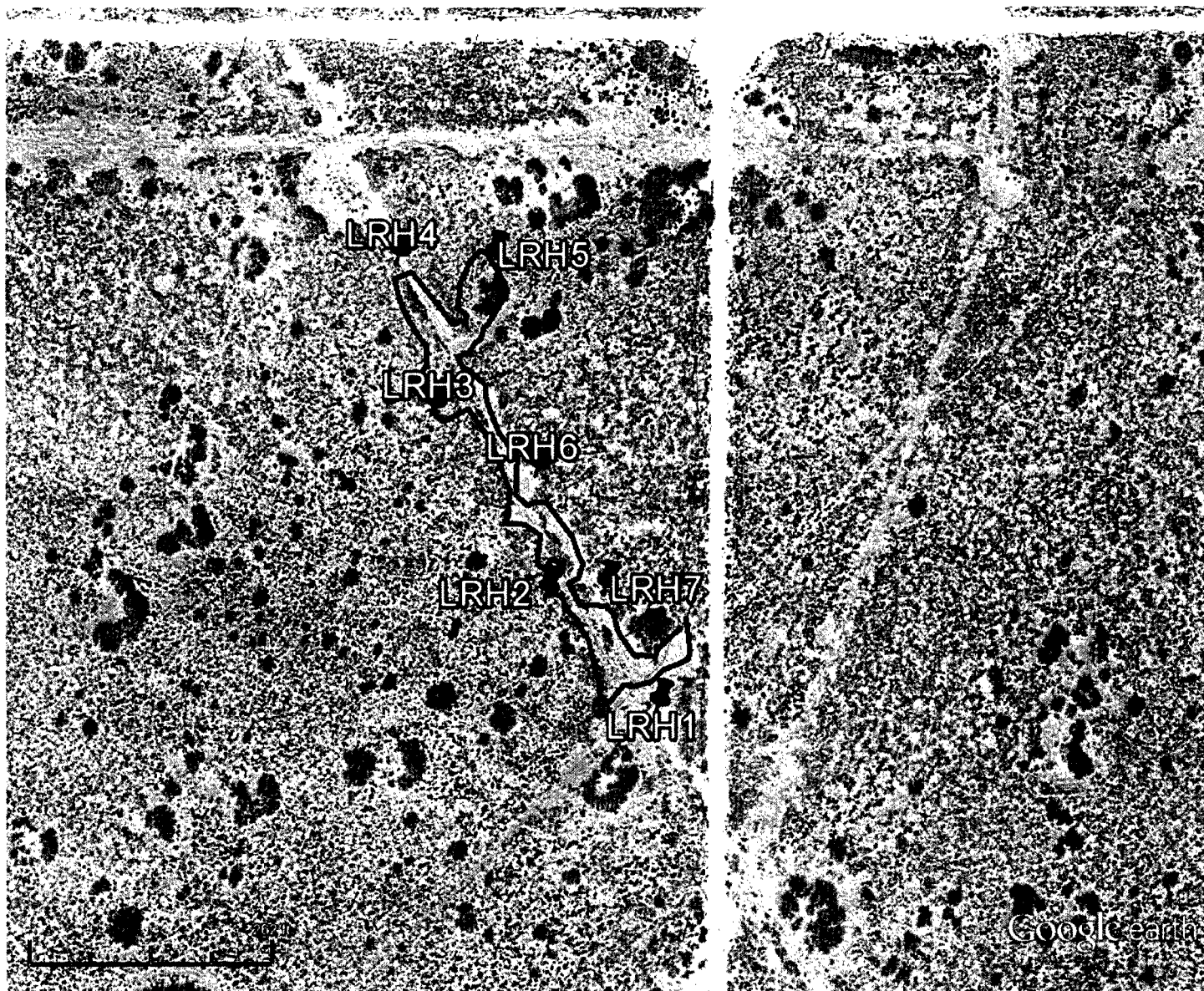
Cardinal Laboratories

Analytical Report- H400530	Sample Area	Sample Date	Sample Type	Depth	Chlorides
LRH1-1	Release Area	2/19/2014	Grab/Backhoe	1'	32
LRH1-2	Release Area	2/19/2014	Grab/Backhoe	2'	16
LRH1-3	Release Area	2/19/2014	Grab/Backhoe	3'	32
LRH1-4	Release Area	2/19/2014	Grab/Backhoe	4'	32
LRH2-1	Release Area	2/19/2014	Grab/Backhoe	1'	ND
LRH2-2	Release Area	2/19/2014	Grab/Backhoe	2'	16
LRH2-3	Release Area	2/19/2014	Grab/Backhoe	3'	16
LRH2-4	Release Area	2/19/2014	Grab/Backhoe	4'	3,320
LRH3-1	Release Area	2/19/2014	Grab/Backhoe	1'	16
LRH3-2	Release Area	2/19/2014	Grab/Backhoe	2'	16
LRH3-3	Release Area	2/19/2014	Grab/Backhoe	3'	16
LRH3-4	Release Area	2/19/2014	Grab/Backhoe	4'	32
LRH4-1	Release Area	2/19/2014	Grab/Backhoe	1'	16
LRH4-2	Release Area	2/19/2014	Grab/Backhoe	2'	16
LRH4-3	Release Area	2/19/2014	Grab/Backhoe	3'	16
LRH4-4	Release Area	2/19/2014	Grab/Backhoe	4'	32
LRH5-1	Release Area	2/19/2014	Grab/Backhoe	1'	ND
LRH5-2	Release Area	2/19/2014	Grab/Backhoe	2'	ND
LRH5-3	Release Area	2/19/2014	Grab/Backhoe	3'	ND
LRH5-4	Release Area	2/19/2014	Grab/Backhoe	4'	ND
LRH6-1	Release Area	2/19/2014	Grab/Backhoe	1'	ND
LRH6-2	Release Area	2/19/2014	Grab/Backhoe	2'	ND
LRH6-3	Release Area	2/19/2014	Grab/Backhoe	3'	16
LRH6-4	Release Area	2/19/2014	Grab/Backhoe	4'	32
LRH7-1	Release Area	2/19/2014	Grab/Backhoe	1'	ND
LRH7-2	Release Area	2/19/2014	Grab/Backhoe	2'	32
LRH7-3	Release Area	2/19/2014	Grab/Backhoe	3'	16
LRH7-4	Release Area	2/19/2014	Grab/Backhoe	4'	16

Site Ranking is ZERO (0). Depth to Ground Water >100' (100'-125' PER TREND MAP)

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Google earth

feet
meters

600
200



Livingston Ridge SWD Water Line

2/19/2014 Sampling Event

H400530

NOTE: Sampling points were taken with a GPS Unit.

* Outline of release was walked with a GPS Unit.

LIVINGSTON RIDGE SWD WATER LINE

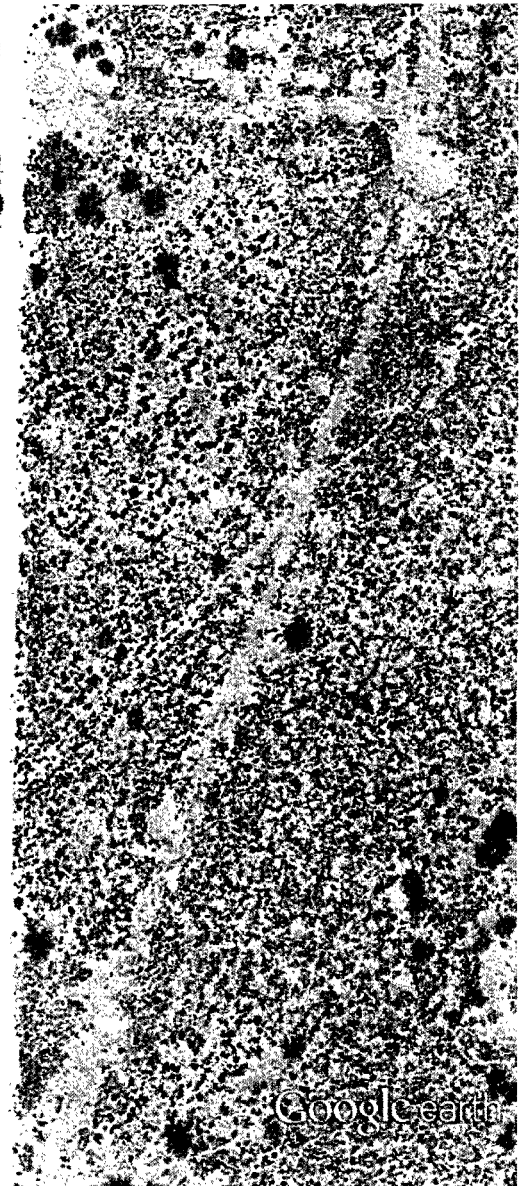
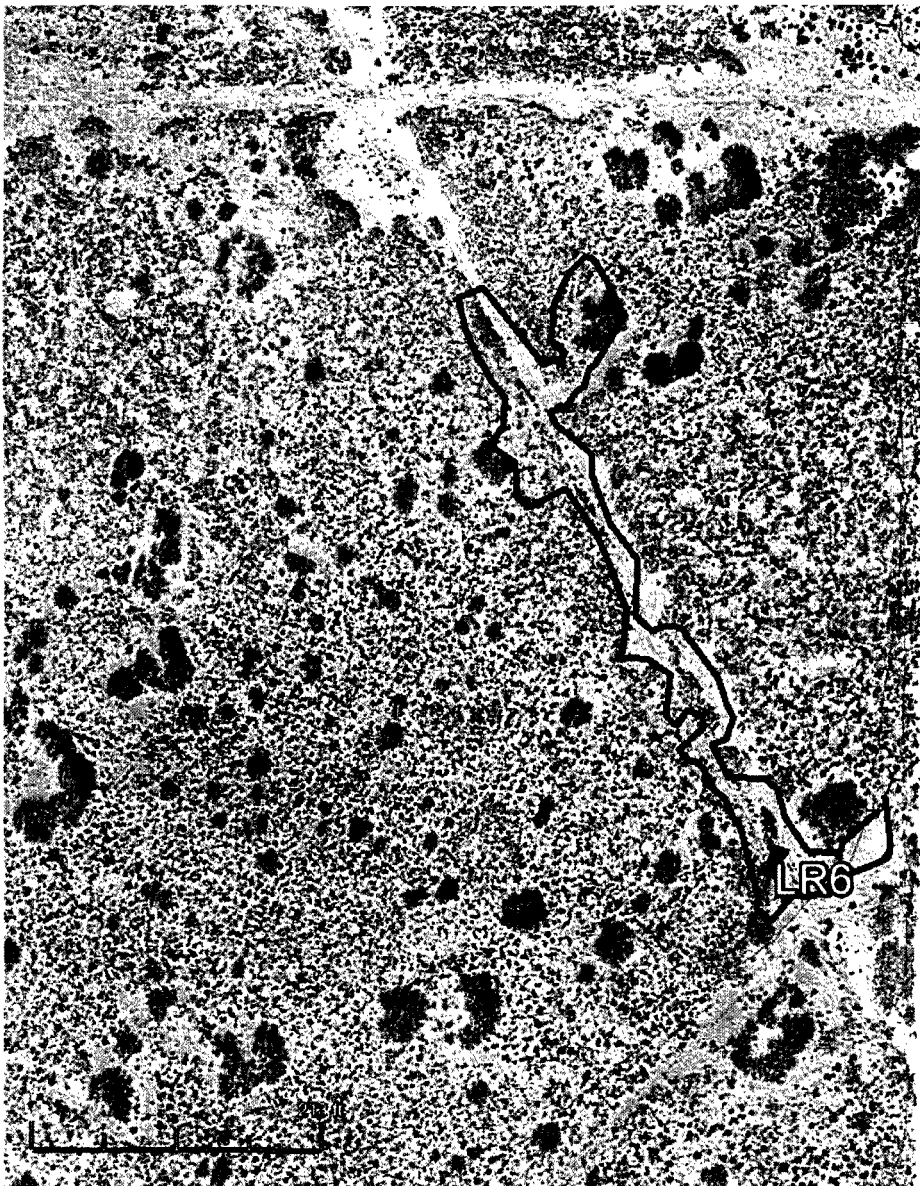
Cardinal Laboratories

Analytical Report- H400528	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
LR 6-1	Release Area	2/19/2014	Grab/Backhoe	1'	ND	ND	ND	ND	624
LR 6-2	Release Area	2/19/2014	Grab/Backhoe	2'	ND	ND	ND	ND	12,000
LR 6-3	Release Area	2/19/2014	Grab/Backhoe	3'	ND	ND	ND	ND	10,800
LR 6-4	Release Area	2/19/2014	Grab/Backhoe	4'	ND	ND	ND	ND	12,800
LR 6-5	Release Area	2/19/2014	Grab/Backhoe	5'	ND	ND	ND	ND	21,800
LR 6-6	Release Area	2/19/2014	Grab/Backhoe	6'	ND	ND	ND	ND	20,200
LR 6-7	Release Area	2/19/2014	Grab/Backhoe	7'	ND	ND	ND	ND	16,000

Site Ranking is ZERO (0). Depth to Ground Water >100' (100'-125' PER TREND MAP)

All results are ppm.Chlorides for documentation.

Released: 3200 B/PW, 50 B/O; Recovered: 480 B/PW, 30 B/O. Release Date: 10/27/2013. 2RP-2044



Google earth

feet 500
meters 100



Livingston Ridge SWD Water Line
2/19/2014 Sampling Event

H400528

NOTE: Sampling point was
taken with a GPS Unit.

*Outline of release was
walked with a GPS Unit.

H400258

5/10/2014 20:00:00
Lindston Ridge 2nd Water Line