

Refer to the UKHM WQ Master Database CD for the complete database

2006 UKHM WQ Master Database Information Sheet

1. All WQ sample sites are listed by KV number on each tab.
2. Tab number two - WQ ToC. This is the entire Table of Concordance for the Keno Hill site with all available site numbering and naming found
3. Sites with extensive data that could not fit onto 1 tab were put on two or more tabs. These tabs are identified by the KV#- followed by a dash then 1, 2 or 3 depending on the amount of site data needed to display.
4. This database represents all lab related WQ data for the Keno Hill site with the exception of Extractable Metals which can be found on Historic WQ Data Extractable Metals.xls
5. Tabs with a D following the KV number denote internal data from the Elsa lab

LES Labarge Environmental Services
ACG Access Consulting Group
ALEXCO Alexco Resource Corp.
EPS Environmental Protection Service
UKHM United Keno Hill Mines
DIAND Department of Indian and Northern Development
ERDC Elsa Reclamation and Development

**Keno Hill Water Quality Database
Table of Concordance**

Old UKHM #	UKHM #	LES SITE #	ACG #	NPG #	KV#	SITE DESCRIPTION
S-21	UK1	LES 1			KV-1	South McQuesten River u/s Christal Creek
S-10	UK2	LES 2			KV-2	South McQuesten River at Pumphouse
S-26	UK5	LES 3			KV-3	South McQuesten River u/s Flat Creek
S-11	UK3	LES 4			KV-4	South McQuesten River d/s Flat Creek
		LES 5			KV-5	South McQuesten River 9 km downstream Flat Creek
S-18	UK6	LES 6	ACG-WQ-05	NPG-05	KV-6	Christal Creek @ Keno Highway
S-19	UK7	LES 7			KV-7	Christal Creek @ Hanson Road
	UK8	LES 7B			KV-8	Christal Creek @ mouth
S-9	UK9	LES 9	ACG-WQ-09		KV-9	Flat Creek u/s South McQuesten River
			ACG-WQ-08a		KV-10	Valley Tailings Pond #1 Decant
			ACG-WQ-08b		KV-11	Valley Tailings Pond #2 Decant
S-1	UK13	LES 72	ACG-WQ-08c		KV-12	Valley Tailings Pond #3 Decant
S-13	UK14	LES 12	ACG-WQ-03b	NPG-03	KV-13	Silver King Adit
S-13A		LES 12A	ACG-WQ-03		KV-14	Silver King Treatment Pond #2 Decant
	UK4				KV-15	South McQuesten River at Bridge below Haggart Creek
			ACG-WQ-11 Site A		KV-16	Christal Creek 600 m d/s Silver Trail Highway
S-17	UK15	LES14			KV-17	Husky South West Adit
S-3	UK24	LES 18			KV-18	Birmingham Adit
S-15	UK17	LES 19			KV-19	Ruby Adit
S-4	UK25	LES 20			KV-20	No Cash 500 Adit
		LES 21			KV-21	No Cash Creek @ Keno Highway
S-27	UK27	LES 32			KV-27	Galkeno 300 Adit
			ACG-WQ-12		KV-28	Galkeno 300 Treatment Pond Decant
	UK27a		ACG-WQ-10		KV-29	Silver Trail Culvert #4
			ACG-WQ-11 Site D		KV-30	Christal Creek 825m d/s Silver Trail Highway
S-5	UK20	LES 31 or 31E	ACG-WQ-04b	NPG-04	KV-31	Galkeno 900 Adit
S-20		LES 31B	ACG-WQ-04a		KV-32	Galkeno 900 Treatment Pond Decant
S-6	UK21	LES 38			KV-33	Keno 700 Adit
S-14	UK28				KV-34	Lucky Queen Adit
S-7	UK26	LES 35			KV-35	Sadie Ladue Adit
					KV-36	Flame and Moth
S-22	UK11	LES 37			KV-37	Lightning Creek u/s Hope Gulch
		LES STN38			KV-38	Lightning Creek u/s Thunder Gulch
		LES 48			KV-39	Hope Gulch u/s Lightning Creek
		LES STN37			KV-40	Charity Gulch u/s Lightning Creek
S-24	UK12	LES 41			KV-41	Lightning Creek u/s bridge @ Keno City
S-12	UK18	LES 39	ACG-WQ-07b		KV-42	Bellekeno 600 Adit
S-12a		LES 39A	ACG-WQ-07	NPG-07	KV-43	Bellekeno 600 Treatment Pond Decant
S-5A	UK18A	LES 39B	ACG-WQ-07c		KV-44	Bellekeno 600 Seep
S-8	UK19	LES 40	ACG-WQ-06	NPG-06	KV-45	Onek Adit
S-23	UK10	LES 47			KV-47	Porcupine Diversion Ditch
					KV-48	Hinton Creek u/s Calumet Drive
					KV-49	Hinton Creek u/s Christal Creek
					KV-50	Christal Creek u/s Hinton Creek
					KV-51	Christal Creek d/s Hinton Creek
		LES 53			KV-52	Natural spring to Christal Lake at Old Mackeno pump house
S2		LES 30			KV-53	UN Adit
		LES 34			KV-54	Erickson Gulch at Road to Lucky Queen
		LES 63			KV-55	Sandy Creek at Silver Trail Highway
		LES 76			KV-56	Star Creek at Silver Trail Highway
		LES 10			KV-57	Haldane Creek at South McQuesten Road
		LES 73			KV-58	Seepage at toe of #3 dam
		LES 57			KV-59	Galena Creek at mouth (just upstream of Flat Creek)
		LES11	ACG-WQ-01		KV-60	Galena Creek upstream of Silver King adit
		LES 67			KV-61	Porcupine Gulch at Calumet Road Crossing
		LES 45			KV-62	Brefalt Creek upstream of Porcupine Diversion
		LES 46			KV-63	Flat Creek upstream of Porcupine Diversion
		LES 8			KV-64	Flat Creek at Silver Trail Highway
		LES 52			KV-65	Thunder Gulch upstream of Bellekeno
					KV-66	Klondike Keno Adit
					KV-67	Keno 200 Adit
					KV-68	Brewis Red Lake Adit
					KV-69	Valley Tailings Decant and Seepage u/s Flat Creek
					KV-70	Flat Creek 20m u/s KV-69
					KV-71	Flat Creek 20m d/s KV-69
					KV-72	South McQuesten River at McQuesten Lake
					KV-73	Cache Creek at access road d/s McQuesten Lake
					KV-74	Bellekeno East - Adit
					KV-75	Bellekeno East Pond decant
					KV-76	Thunder Gulch downstream of Bellekeno 625 Adit

**Keno Hill Water Quality Database
Table of Concordance**

Old UKHM #	UKHM #	LES SITE #	ACG #	NPG #	KV#	SITE DESCRIPTION
S-16						Elsa Adit
			ACG-WQ-10a			Hillside above Culvert 4 on the Silver Trail Highway
			ACG-WQ-11 Site C			Flow from Culvert #5 before confluence with Christal Creek
			ACG-WQ-11 Site B			Christal Creek 50 m u/s of Site A (KV-16)
		LES 1B				South McQuesten River just u/s Christal Creek not KV-1
		LES 8				Flat Cr @ Keno Highway
		LES 10				Haldane Cr @ South McQuesten Road
		LES 11A				Galena Creek upstream Elsa Road
		LES 11	ACG-WQ-01	NPG-01		Galena Creek upstream Silver King adit
		LES 11B	ACG-WQ-02	NPG-02		Galena Creek downstream Silver King adit
		LES 31B				Galkeno 900 decant Pond # 2
		LES 31C				Galkeno 900 seep below Pond # 1
		LES 31D				Galkeno 900 seep below Pond #2
		LES 31 F				Galkeno 900 Seep near Swamp effluent
		LES 31G				Galkeno 900 flow along old path 5m u/s Christal L.
	UK23	LES 31H				Galkeno 900 Seep below wetland access road
		LES 34				Erickson Gulch @ Road to Lucky Queen
		LES42				Tailing Pond # 3 water
		LES44				Berminham Pit
		LES 45				Brefault Cr upstream Porcupine Diversion
		LES 46				Flat Cr upstream Porcupine Diversion
		LES 48				
		LES 51				Combined Seepages in Porcupine Diversion u/s Brefalt Creek
		LES 52				Thunder Gulch upstream Bellekeno Adit
		LES 53				Old Galkeno freshwater pumphouse water
		LES 54				Thunder Gulch downstream Bellekeno Adit
		LES 55				Inflow to south end of Christal Lake
		LES 56				Christal Lake
		LES 57				Galena Creek @ mouth (just upstream of Flat Creek)
		LES 58				Mystery Creel (approximately 1 km upstream of S-10)
		LES 59				Buried Tails Seepage (Elsa side)
		LES 60				Exposed Tails Seepage (Pond side)
		LES 61				Small flow into Christal Creek. parallel to Highway @ S-18 near
		LES 62				Small flow into Christal Creek. @ S-18, farthest from road
		LES 63				Sandy Creek @ Highway
		LES 64				Unnamed Creek 60m towards Elsa on Keno Highway from Hanson turnout
		LES 65				Galkeno 300 Seep below power line along Highway
		LES 66				Spring along Duncan Cr Road
		LES 67				Porcupine Gulch @ Calumet Rd X-ing
		LES 68				Flat Creek @ Ballpark Rd X-ing
		LES 69				Flat Creek midway between tailings and Husky S.W.
		LES 70				Flat Creek between Husky S.W. and Galena
		LES 71				Flat Creek d/s Galena Creek
		LES 73				Seepage at toe of #3 dam
		LES 74				Husky Southwest flow 500 m d/s Adit
		LES 75				Seepage along road between Galkeno 300 & Duncan Creek Rd.
		LES 76				Star Creek @ Keno Highway
		LES 77				Husky Shaft
		LES 78				Seep along road to Galkeno 900, 80 m from Adit clearing
		W1				Dublin Gulch (downstream of confluence with Stewart Gulch)
		W2				Haggart Creek (upstream of confluence with Ironrust Creek)
		W3				Ironrust Creek (upstream of confluence with Haggart Creek)
		W4				Haggart Creek (downstream of confluence with Dublin Gulch)
		W5				Haggart Creek (upstream of confluence with Lynx Creek)
		W6				Lynx Creek (upstream of confluence with Haggart Creek)
		W7				Haggart Creek (downstream of confluence with Ironrust Creek)
		W8				Dublin Gulch (downstream of confluence with Olvie Gulch)
		W9				Lower Eagle Pup
		W10				Lower Stuttle Gulch
		W11				Fisher Gulch (upstream of confluence with Haggart Creek)
		W12				Stewart Gulch (upstream of confluence with Dublin Gulch)
		W12				Dublin Gulch (immediately upstream of Haggart Creek)
		W12A				Haggart Creek (upstream of confluence with Dublin Gulch)
		W13				Upper Lynx Creek
		W14				Lower Bawn Bay Gulch
		NCC1				No Cash Creek 35 md/s Hwy, #1
		NCC2				No Cash Creek 500 m d/s Hwy, #2
		NCC3				No Cash Creek in wetland, 800 m d/s Hwy
		NCC4				No Cash Creek just u/s Ditch, 1.4 km d/s Hwy
		LES 21A				No Cash Creek u/s Adit, above old wood culvert
		LES 22				No Cash Creek upstream Hwy (1.4 km NW of Keno Highway)
		LES 22A				No Cash Creek just u/s of confluence with old ditch
		LES STN25				Flat Creek upstream Galena Creek

**Keno Hill Water Quality Database
Tab Guide**

TAB #	TAB CONTENTS	GENERAL INFO
REF	Lab Reference numbers for data found in this excel sheet	
Read	Information on this database	
ToC	Table of Concordance	
SiteInfo	Information on each site with GPS locations	
KV6D	Internal Christal Creek @ Keno Highway	
KV7D	Internal Christal Creek @ Hanson Road	
KV10D	Internal Valley Tailings Pond #1 Decant	
KV11D	Internal Valley Tailings Pond #2 Decant	
KV12D	Internal Valley Tailings Pond #3 Decant	
KV60D	Internal Galena Creek u/s from Silver King Adit	
ACG-WQ-02D	Internal Galena Creek d/s from Silver King Adit	
KV13D	Internal Silver King Adit	
KV14D	Internal Silver King Treatment Pond #2 Decant	
KV16D	Internal Christal Creek 600 m d/s Silver Trail Highway	
KV27D	Internal Galkeno 300 Adit	
KV28D	Internal Galkeno 300 Treatment Pond Decant	
KV29D	Internal Culvert 4	
KV30D	Internal Christal Creek 825 m d/s Silver Trail Highway	
KV31D	Internal Galkeno 900 Adit	
KV32D	Internal Galkeno 900 Treatment Pond Decant	
KV42D	Internal Bellekeno 600 Adit	
KV43D	Internal Bellekeno 600 Treatment Pond Decant	
KV44D	Internal Bellekeno 600 Seep	
KV45D	Internal Onek Adit	
KV1	South McQuesten River u/s Christal Creek	
KV2	South McQuesten River @ Pumphouse tab 1 of 2	data from 1969 to 1993
KV2-2	South McQuesten River @ Pumphouse tab 2 of 2	data from 1994 to present
KV3	South McQuesten River u/s Flat Creek	
KV4	South McQuesten River d/s Flat Creek	
KV5	South McQuesten River 9 km downstream Flat Creek	
KV6	Christal Creek @ Keno Highway	
KV7	Christal Creek @ Hanson Road	
KV8	Christal Creek @ mouth	
KV9	Flat Creek u/s South McQuesten River	
KV10	Valley Tailings Pond #1 Decant	
KV11	Valley Tailings Pond #2 Decant	
KV12	Valley Tailings Pond #3 Decant	
KV13	Silver King Adit	
KV14	Silver King Treatment Pond #2 Decant	
KV15	South McQuesten River at Bridge below Haggart Creek	
SiteB	Christal Creek 50 m u/s of KV-16	samples are no longer taken at this location
KV16	Christal Creek 600 m d/s Silver Trail Highway	
KV17	Husky South West	
KV18	Bermingham Adit	
KV19	Ruby Adit	
KV20	No Cash 500 Adit	
KV21	No Cash Creek @ Keno Highway	
KV27	Galkeno 300 Adit	
KV28	Galkeno 300 Treatment Pond Decant	
KV29	Silver Trail Culvert #4	
SiteC	Flow from Culvert #5 before confluence with Christal Creek	samples are no longer taken at this location
KV30	Christal Creek 825m d/s Silver Trail Highway	
KV31	Galkeno 900 Adit	
KV32	Galkeno 900 Treatment Pond Decant	
KV33	Keno 700 Adit	
KV34	Lucky Queen Adit	
KV35	Sadie Ladue Adit	
KV36	Flame and Moth	one data set from 1999 discharge from the North Trench
KV37	Lightning Creek u/s Hope Gulch	
KV38	Lightning Creek u/s Thunder Gulch	
KV39	Hope Gulch u/s Lightning Creek	
KV40	Charity Gulch u/s Lightning Creek	
KV41	Lightning Creek u/s bridge @ Keno City	
KV42	Bellekeno 600 Adit	
KV43	Bellekeno 600 Treatment Pond Decant	
KV44	Bellekeno 600 Seep	
KV45	Onek Adit	
KV47	Porcupine Diversion Ditch	

**Keno Hill Water Quality Database
Tab Guide**

KV48	Hinton Creek u/s Calumet Drive	closure monitoring site
KV49	Hinton Creek u/s Christal Creek	closure monitoring site
KV50	Christal Creek u/s Hinton Creek	closure monitoring site
KV51	Christal Creek d/s Hinton Creek	closure monitoring site
KV52	Natural spring to Christal Lake at Old Mackeno pump house	closure monitoring site
KV53	UN Adit	closure monitoring site
KV54	Erickson Gulch at Road to Lucky Queen	closure monitoring site
KV55	Sandy Creek at Silver Trail Highway	closure monitoring site
KV56	Star Creek at Silver Trail Highway	closure monitoring site
KV57	Haldane Creek at South McQuesten Road	closure monitoring site
KV58	Seepage at toe of #3 dam	closure monitoring site
KV59	Galena Creek at mouth (just upstream of Flat Creek)	closure monitoring site
KV60	Galena Creek upstream of Silver King adit	closure monitoring site
KV61	Porcupine Gulch at Calumet Road Crossing	closure monitoring site
KV62	Brefalt Creek upstream of Porcupine Diversion	closure monitoring site
KV63	Flat Creek upstream of Porcupine Diversion	closure monitoring site
KV64	Flat Creek at Silver Trail Highway	closure monitoring site
KV65	Thunder Gulch upstream of Bellekeno	closure monitoring site
KV66	Klondike Keno Adit	closure monitoring site
KV67	Keno 200 Adit	closure monitoring site
KV68	Brewis Red Lake Adit	closure monitoring site
KV69	Valley Tailings Decant and Seepage u/s Flat Creek	closure monitoring site
KV70	Flat Creek 20m u/s KV-69	closure monitoring site
KV71	Flat Creek 20m d/s KV-69	closure monitoring site
KV72	South McQuesten River at McQuesten Lake	closure monitoring site
KV73	Cache Creek at access road d/s McQuesten Lake	closure monitoring site
KV74	Bellekeno East -Adit	site added April 2008
KV75	Bellekeno East Pond decant	site added April 2008
KV76	Thunder Gulch downstream of Bellekeno 625 Adit	site added April 2008
ACG-WQ-02	Galena Creek downstream Silver King Adit	
LES1b	South McQuesten River upstream of Christal Creek (Not KV1)	
LES31b	Galkeno 900 decant Pond # 2	
LES44	Birmingham Pit	
LES51	Combined Seepages in Porcupine Diversion u/s Brefalt Creek	
LES59	Buried Tails Seepage (Elsa side)	
LES60	Exposed Tails Seepage (Pond side)	
LES69	Flat Creek midway between tailings and Husky S.W.	
LES77	Husky Mine Shaft	
LES78	Seep along road to G900, 80m from adit	
S-16	Elsa Adit	
NCC1	No Cash Creek 35 md/s Hwy, #1	Limited data
NCC2	No Cash Creek 500 m d/s Hwy, #2	Limited data
NCC3	No Cash Creek in wetland, 800 m d/s Hwy	Limited data
NCC4	No Cash Creek just u/s Ditch, 1.4 km d/s Hwy	Limited data
STN06	Christal Creek d/s of Paddy Mine	1 set of data Dec 2003
CUL2	Silver Trail Culvert #2	1 set of data Jan 2004

Keno Hill Water Quality Database
Site Information

TAB	SITE DESCRIPTION	GENERAL INFO	GPS WAYPOINT	EASTING	NORTHING
KV-1	South McQuesten River u/s Christal Creek		KV1	474008	7092790
KV-2	South McQuesten River @ Pumphouse		KV2	472076	7090036
KV-3	South McQuesten River u/s Flat Creek		KV3	465846	7088534
KV-4	South McQuesten River d/s Flat Creek		KV4	465618	7088335
KV-5	South McQuesten River 9 km downstream Flat Creek		KV5	460691	7088873
KV-6	Christal Creek @ Keno Highway		KV6	483909	7088242
KV-7	Christal Creek @ Hanson Road		KV7	478657	7092413
KV-8	Christal Creek @ mouth		KV8	474585	7091944
KV-9	Flat Creek u/s South McQuesten River		KV9	465836	7088410
KV-10	Valley Tailings Pond #1 Decant		KV10	475015	7088571
KV-11	Valley Tailings Pond #2 Decant		KV11	474856	7088486
KV-12	Valley Tailings Pond #3 Decant		KV12	474341	7088227
KV-13	Silver King Adit		KV13	471887	7085572
KV-14	Silver King Treatment Pond #2 Decant		KV14	471797	7085755
KV-15	South McQuesten River at Bridge below Haggart Creek		KV15	449744	7085770
KV-16	(Site A) Christal Creek 600 m d/s Silver Trail Highway		KV16	483887	7088863
SiteB	Christal Creek 50 m u/s of KV-16	no longer a sample location			
KV-17	Husky South West Adit		KV17	485332	7092431
KV-18	Birmingham Adit		KV18	478689	7087226
KV-19	Ruby Adit		KV19	478504	7087748
KV-20	No Cash 500 Adit		KV20	477728	7088508
KV-21	No Cash Creek @ Keno Highway		KV21	477500	7088750
KV-27	Galkeno 300 Adit		KV27	482636	7088837
KV-28	Galkeno 300 Treatment Pond Decant		KV28	482622	7088793
KV-29	Silver Trail Culvert #4		KV29	483740	7088792
SiteC	Flow from Culvert #5 before confluence with Christal Creek	no longer a sample location data from Jan04 - Jun05			
KV-30	(Site D) Christal Creek 825m d/s Silver Trail Highway		KV30	483856	7089091
KV-31	Galkeno 900 Adit		KV31	483483	7087848
KV-32	Galkeno 900 Treatment Pond Decant		KV32	483512	7087719
KV-33	Keno 700 Adit		KV33	490000	7089499
KV-34	Lucky Queen Adit		KV34	486456	7090518
KV-35	Sadie Ladue Adit		KV35	485832	7092768
KV-36	Flame and Moth Pit	water samples taken in North Trench 1999	KV36	483836	7086820
KV-37	Lightning Creek u/s Hope Gulch		KV37	490315	7087776
KV-38	Lightning Creek u/s Thunder Gulch		KV38	488193	7087341
KV-39	Hope Gulch u/s Lightning Creek		KV39	490252	7087783
KV-40	Charity Gulch u/s Lightning Creek		KV40	488982	7087503
KV-41	Lightning Creek u/s bridge @ Keno City		KV41	485429	7086764
KV-42	Bellekeno 600 Adit		KV42	487363	7087062
KV-43	Bellekeno 600 Treatment Pond Decant		KV43	487318	7087147
KV-44	Bellekeno 600 Seep		KV44	487287	7087211
KV-45	Onek Adit		KV45	485101	7087288
KV-47	Porcupine Diversion Ditch		KV47	474516	7088026
KV-48	Hinton Creek u/s Calumet Drive	intermittent drainage	KV48	482819	7087198
KV-49	Hinton Creek u/s Christal Creek	intermittent drainage	KV49	483582	7087009
KV-50	Christal Creek u/s Hinton Creek		KV50	483575	7086897
KV-51	Christal Creek d/s Hinton Creek		KV51	483600	7087010
KV-52	Natural spring to Christal Lake at Old Mackeno pump house		KV52	483818	7087826
KV-53	UN Adit	discharges water for only a few months each year	KV53	481595	7089322
KV-54	Erickson Gulch at Road to Lucky Queen		KV54	485834	7088993
KV-55	Sandy Creek at Silver Trail Highway		KV55	478532	7089677
KV-56	Star Creek at Silver Trail Highway		KV56	478051	7089277
KV-57	Haldane Creek at South McQuesten Road		KV57	461852	7086760
KV-58	Seepage at toe of #3 dam				
KV-59	Galena Creek at mouth (just upstream of Flat Creek)		KV59	471126	7087018
KV-60	Galena Creek upstream of Silver King adit		KV60	476604	7086892
KV-61	Porcupine Gulch at Calumet Road Crossing		KV61	476607	7086895
KV-62	Brefalt Creek upstream of Porcupine Diversion		KV62	476217	7086807
KV-63	Flat Creek upstream of Porcupine Diversion		KV63	474644	7087814
KV-64	Flat Creek at Silver Trail Highway		KV64	474906	7086535
KV-65	Thunder Gulch upstream of Bellekeno	Site Relocated April 2008 to above Bellekeno East	KV65	487464	7086873
KV-66	Flat Creek d/s of VTPond# 3 confluence	new site - first sample taken August 2007	KV66	485599	7090833
KV-67	Flat Creek u/s of VTPond# 3 confluence	new site - first sample taken August 2007	KV67	489496	7089983
KV-68	Brewis Red Lake Adit		KV68	486789	7090194
KV-69	Valley Tailings Decant and Seepage u/s Flat Creek	Closure site - Sampled quarterly Since Sept. 2007	KV69	474099	7088181
KV-70	Flat Creek 20m u/s KV-69	Closure site - Sampled quarterly Since Sept. 2007	KV70	474140	7088260
KV-71	Flat Creek 20m d/s KV-69	Closure site - Sampled quarterly Since Sept. 2007	KV71	474046	7088203
KV-72	South McQuesten River at McQuesten Lake	Closure site - Sampled quarterly Since Sept. 2007	KV72	482492	7104476
KV-73	Cache Creek at access road d/s McQuesten Lake	Closure site - Sampled quarterly Since Sept. 2007	KV73	482846	7103594
KV-74	Bellekeno East - Adit	New sites for monitoring Bellekeno East	KV74		
KV-75	Bellekeno East Pond decant	New sites for monitoring Bellekeno East	KV75		
KV-76	Thunder Gulch downstream of Bellekeno 625 Adit	New sites for monitoring Bellekeno East	KV76		