Property: PEGG

Hole no: P-04-130 Canton : TECK Started: 15/02/2004 Completed: 20/02/2004 Contractor: H&S Zone no: Claim no: P-2762 Lot : Rang: Puit # : Section: Working offic Level : # 32toxx Latitude: Longitude: Elevation: Azimuth: 327°30' 0" Dip: -45° 0' 0" Depth: 594.00 13175.00N 8990.00B 6.31 Collar coordonate Line : Station: 13+52N Reference system Deviation tests Az Truth Depth Dip 300.00 F 594.00 F -35° 0' 0" -34° 0' 0" 327°30' " 327°30' "

Comments :

Water debit: Cement : Plug: Core size: B.4 Car érée: Localisation : Description : BQ

Logged by : MARK MASSON

Date logged: 18/02/2004

Hole no: P-04-130



FROM (F) TO (F) TO (F) DESCRIPTION Sample FROM Length (F) (F) CASING (PULLED) 0.00 7.00 CONGLOMERATE; massive, fresh, polymictic peb-cob, generally mx supported. Intercalated with minor, narrow wacke horizons to 2 feet wide 7.00 371.80 Lcon is sharp @ 70 tca 326.00 332.50 Blky frcd ground due to low angle fracture sets @ 5-25 tca TUFF; lt gn to dk gn to dk purple, massive to weakly bedded. Predominantly vig silty ash with minor, narrow, intercalated lapilli tuff horizons up to 2-3 feet wide. Bdg ranges from <1" to 3 371.80 471.50 feet wide. Very stgy magnetic, very fresh, locy cntn' wt-pk gtz/cal/ank vng as noted below 4512 372.50 373.50 1.00 .001 Shrd, serc altd tuff with 4"shrd gtz/cal vnq 372.80 373.20 Fault Zone @ 85 tca, mody stg ser/chl flt and shrg with 4 wide, shrd, pk-wt qtz/cal/ank vng, barren. 389.60 "389.60 390.60 4513 390.60 1.00 .001 Serc shr with 35% qtz/carb vnq 390.00 390.30 SHEAR ZONE @ 85 tca; mody stg serc shr with 35%, irregular pk-wt qtz/carb vng and pods, barren 399.50 400.80 4514 399.50 400.80 1.30 .001 Mody stg serc shear with 65% qtz/carb vnq 399.60 400.80 SHEAR ZONE @ 85 tca; mody stg serc shr,with 65% pk-wt, attenuated gtz/carb vng, umin 402.00 403,10 .001 4515 402.00 403.10 1.10 .001 .001 2 1-2 wide qtz/carb vns within mody sheared tuff

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
		402.15 402.30 1.5" wide, pk-wt gtz/carb vn with moderately shrd tuff interstitial to vng, and a sharp ser/chl slip @ 85 tca, umin								
		402.90 403.00 1" pk-wt shrd qtz/carb vn as above, umin								
		453.50 453.80 CHERTY TUFF, lt bn, finely laminated, cherty tuff horizon @ 75 tca								
		462.50 466.00 Lapilli Tuff horizon; lt gy gn with 25% red trachytic clasts to 0.3", and 5% rock frags and xtal shards in a fg, sandy ash mx								
		469.00 470.80 fg-mg sandy ash tuff, wing	4516	469.00	470.80	1.80	.001			
		470.80 471.80 1.5" qtz/amph vn as below	4517	470.80	471.80	1.00	.001			
		471.15 471.30 1.5" wide, gy, bxd smoky qtz vn with a 0.5" wide, irregular seam of blue, wispy to acicular amphibole (riebikite?) and Tr-1% irregular, seams of py. 75 tca. This vn is hosted in a strange XTAL Tuff bed, 9" wide with 10% euhedral pk-wt plag? laths which are all subparallel to each other and at right angles to bdg								
471.50	484.80	TUFFACEOUS CONGLOMERATE; massive, dk gn-bn, mx supported with 35% subangular to well rounded, heterolithic clasts to >4", prdominantly ttrachytic, in a fg sandy ash mx								
		471.50 484.80 TUFFACEOUS CONGLOMBRATE 471.80 474.00 massive tuffaceous cong, wing	4518	471.80	474.00	2.20	.001			

FROM (F)	TO (F)	DBSCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
484.80	580.70	TUFF; Section of intercalated sandy and vfg silty ash tuffs with lesser, narrow lapilli tuff horizons. Locally very well bdd @ 70-80 tca. Units are lt gn to gy-bn to purple								
		502.00 503.00 2.5" QC vn	4519	502.00	503.00	1.00	.001			
		502.50 502.70 2.5" wide pk-wt Qtz/carb vn @ 80 tca, bullish								
		525.10 527.80 QTZ/CAL stwk; pk-wt-bn irregular qtz/carb stkwk, locy with included bxd wlrk frags. Vns are 0.1-0.4" wide barren bullish								
		573.00 574.00 as described below	4520	573.00	574.00	1.00	.001			
		573.40 573.90 Series of 0.2-0.4" wide bn-gy-pk gtz/carb vnlt' @ 80 tca, in mody serc altd tuff					· .			
		578.00 579.00 6" QC vn, bullish	!							
		578.00 578.80 6" wide pk-wt qtz/carb vn @ 40 tca, bullish	4521	578.00	579.00	1.00	.001			
580.70	594.00	SYENITE PORPHYRY; massive, fresh, red-bn with 35% wt plag phenos and 2% mafic xenos. 1% ubiq qtz/carb vnlts								
		 BOH casing pulled								
		END OF HOLE								
		Total number of samples : 10 Total length sampled : 12.40								
		cone stoned at Macassa Min	3						/	

M4.3/04

Property: PEGG

Hole no: P-04-131 Canton : TECK

Zone no:

Contractor: H&S

Lot

Rang:

Claim no: P-2762

Started: 01/03/2004 Completed: 03/03/2004

Puit # :

Level :

Section:

Working offic

Collar coordonate

Latitude: 13380.00N Longitude: 8858.00E Elevation: -9.91

Azimuth: 327°30' 0" Dip: -45° 0' 0" Depth: 400.00

Deviation tests

Reference system

Depth	Dip	Az Truth
400.00 F	-31° 0' 0"	327°30' "

Comments :

Water debit: Cement

Plug: Core size: B. &

Car Localisation Description érée: ВQ

Logged by : MARK MASSON

Date logged: 03/03/2004

Hole no: P-04-131



42A01NE2064 2.27607

TECK

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
0.00	18.00	CASING, pulled								
18.00	191.00	CONGLOMERATE; massive polymictic peb-cob cong. Typically framework supported, intercalated with minor, narrow wacke horizons to 2 feet wide. Very fresh, undeformed, unaltered. Minor scattered qtz/cal vns and vnlts throughout.								
		40.00 43.00 Blocky ground due to a low angle fracture/wk flt @ 5 tca with a 0.2" pk cal vn.								
191.00	395.70	TUFF; somewhat variable section of tuffs, dominated by a dk gn, fg, massive to poorly bdd silty to sandy ash with 5% red-bn aphanitic trachyte lapilli to 0.1", intercalated with narrow, heterolithic lap tuff and lesser cherty ash horizons, as described below. All lithos are stgy magnetic!								
		213.00 215.00 40% qc vng and pods in vfg sandy ash	4628	213.00	215.00	2.00	.001			
		213.30 214.60 Series of 0.1-1.0" wide, pk-wt qtz/cal/ank vns and irregular pods @ 60-80 tca. Bullish								
		215.00 216.50 wky bdd tuff	4629	215.00	216.50	1.50	.001			
		216.50 217.50 chlc mud brk	4630	216.50	217.50	1.00	.001			
	:	216.80 217.00 BREAK @ 85 tca, very stg chlc mud/clay brk with angular wlrk frags. Very dry, no vng or mnzn								
		217.50 220.00 massive tuff	4631	217.50	220.00	2.50	.001			
		249.50 250.00 lt bn, finely bdd cherty ash tuff. Well bdd @ 75 tca								
			<u></u>			<u></u>	L	 	L	

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
		286.50 310.20 TUFFACEOUS CONGLOMERATE/AGG; massive , heterolithic with well rounded to subangular spotted trachyte clasts etc. in a fg sandy ash mx.					:			
		341.70 342.00 CHERTY ash, dk purple finely bdd chty ash tuff horizon @ 75 tca								
		365.00 376.50 CHERTY TUFF; dk bn, vfg to aphanitic, very hard, glassy, cherty tuff locy with scattered rip clasts and intercalated with narrow lapilli tuff horizons to 3" wide. Good bdg @ 75 tca.								
		376.50 395.70 Mixed section of intercalated vfg silty/ fg sandy ash/lapilli tuff and minor agglomerate with spotted trachyte clasts								
		379.10 379.30 1" QC vn @ 65 tca, barren								
		390.00 392.50 intercalated silty/sandy ash and lap tuff	4632	390.00	392.50	2.50	.001			
		 392.50 393.80 6.5" QV, hungry	4633	392.50	393.80	1.30	.001			
		392.90 393.70 QTZ VN @ 60 tca; 6.5" gy-wt qv with wispy chlc/serc inclusions and minor included wlrk frags and 5% pk-bn ankerite? Wlrk adjacent to vn is not altered and the vn is umin and hungry looking								
		 393.80 395.70 massive, fresh silty ash tuff, wing	4634	393.80	395.70	1.90	.001			
395.70	400.00	SYENITE PORPHYRY; massive, red-bn, hemc with 25% plag phenos and 1% mafic xenos. Quite fresh								

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
		400.00 400.00 BOH< casing pulled								
		BND OF HOLE								
		Total number of samples : 7 Total length sampled : 12.70								
•		care stered at placesse be	ine							
•		,								
							,			
								://A		

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030

Property: PEGG

Hole no: P-04-132 Canton : TECK

Zone no:

Contractor: H&S

Lot :

Claim no: P-2762

Started: 21 /02/04 Completed: 22 /02/04

Puit # :

Level :

Rang:

Section:

Working offic

Collar coordonate

Line: OF 301000 N

Latitude: 13280.00N Longitude: 9160.00B Blevation: -9.32

Azimuth: 327°30' 0" Dip: -45° 0' 0" Depth: 400.00

Reference system

Deviation tests

Depth	Dip	Az Truth
400.00 F	-360 01 0"	327°30' "

Comments :

Water debit: Cement :

Plug: Core size:

Car Localisation Description érée:

ВQ

Logged by : MARK MASSON

Date logged: 24/02/2004

Hole no: P-04-132

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
0.00	14.00	CASING, pulled									
14.00	351.50	CONGLOMERATE; massive, fresh, polymictic peb-cob. Framework to mx supported, locy intercalated with narrow wacke horizons to 2 feet wide									
		49.00 55.00 Blocky frcd ground due to low angle frc set, no apparent structure									
		83.40 85.40 massive cong, wing	4522	83.40	85.40	2.00	.001				
		85.40 86.40 1" QTZ/Mo vn	4523	85.40	86.40	1.00	.001				
		85.85 85.95 1" OTZ/MOLY vn @ 60 tca, milk wt good looking vn with 5% MoS2 and 1% py, generally along Mo. No wlrk alth and no structure, just clean, sharp vn margins.									
		86.40 88.40 massive cong, wing	4524	86.40	88.40	2.00	.001				
		88.40 91.40 massive cong, wing	4525	88.40	91.40	3.00	.001				
		[∥] 91.40 93.40 ∥ as above	4526	91.40	93.40	2.00	.001				
		93.40 94.40 1" qtz/carb vn in serc alyd, mody shrd cong	4527	93.40	94.40	1.00	.001				
		93.60 93.70 1" OTZ/CARB vn @ 55 tca; mody stg ser/qtz/carb flt/shr with 35% buff-bn shrd/attenuated qtz/carb vng in stgy serc altd cong. Umin									
		94.40 96.40 massive cong, wing	4528	94.40	96.40	2.00	.001				
		129.00 130.00 1" annealed chlc flt bx, Tr py	4529	129.00	130.00	1.00	.001	.001	.001		

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	-			
		129.50 129.75 FAULT? 1" wide, annealed, bxd flt with blk chlc mx and frcd/bxd pk-bn porph clast @ 55 tca.								
		156.30 157.20 FAULT @ 20 tca; weak, tight, serc flt slip with a 0.2" pk-wt qtz/carb vn. Umin								
		197.00 199.00 massive cong, wing	4530	197.00	199.00	2.00	.001			
		 199.00 200.00 1.2" QC vn on annealed flt	4531	199.00	200.00	1.00	.001			
		199.15 199.30 FAULT @ 65 tca; mody stg, 0.3" wide annealed chl/carb brk with a 1.2" wide pk-wt qtz/carb vn and Tr py								
		#200.00 202.00 massive cong, wing	4532	200.00	202.00	2.00	.001			
		267.00 269.00 massive cong, wing	4533	267.00	269.00	2.00	.001			
		269.00 270.50 6" qtz/carb vn in mody shrd, serc altd cong								
		269.00 270.40 SHEAR ZONE @ 80 tca; mody stg serc altd sz with a 6" pk-wt qtz/carb vn with serc altd wlrk inclusions and Tr py	4534	269.00	270.50	1.50	.002			
		11270.50 272.50 massive cong, wing	4535	270.50	272.50	2.00	.001			
		326.00 348.00 0.1-0.3" wide pk-wt qtz/cal vn along a tight' sharp serc frc @0-10 tca								
351.50	400.00	TUFF; massive to locy poorly bedded, predominantly dk gn, vfg to fg silty to sandy ash with minor intercalated lapilli horizons. Unit cntn' 5% fg, red-bn trachyte clasts to 0.2" in a								

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
		vfg to aphanitic grdmass. Mody to stgy magnetic, very fresh, unaltered. 360.00 361.00 1.6" qc vn	4536	360.00	361.00	1.00	.001			
		360.55								
		"361.00 362.50 massive tuff	4537	361.00	362.50	1.50	.001			
		362.50 364.00 2.5" qc vn	4538	362.50	364.00	1.50	.001			
		362.60 362.85 2.5" QTZ/CARB vn @ 80 tca with chloritized wlrk frags, bounded by sharp chlc slips								
		375.00 381.00 Lapilli Tuff/Tuffaceous cong; massive, dk gn to purple/bn with mixed angular lap clasts and subrounded clasts >4" in a fg sandy ash mx. Contacts are grdl								
		400.00 400.00 BOH, casing pulled								
		BND OF HOLE								
		Total number of samples : 17 Total length sampled : 28.50								
		core stored at Macasse Mine								

M43/04

Property: PEGG

Hole no: P-04-133 Canton : TECK Lot :

Zone no:

Contractor: H&S

Started: 23/02/2004 Completed: 25/02/2004

Puit # :

Rang: Level :

Section:

Working offic

Collar coordonate

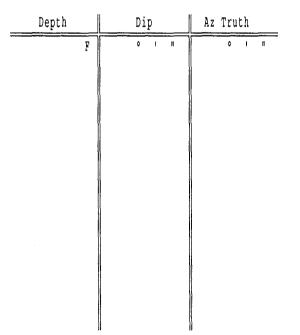
Line: \$ 28,000 Station: 0+ 12+77N

Claim no: P-2762

Latitude: Longitude: Elevation: 13340.00N 9360.00B -3.73 Azimuth: 327°30' 0" Dip: -45° 0' 0" Depth: 160.00

Reference system

Deviation tests



TECK

Comments :

Water debit: Cement

Plug: Core size: B \(\mathbb{Q}\).

Car Localisation Description érée: BQ

42A01NE2064 2.27607

Date logged: 24/02/2004

Hole no: P-04-133

040

Logged by : MARK MASSON

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
0.00	22.00	CASING, pulled. Hole was originally planned to go to 300 feet but was lost at 160' due to a lost bit crown, could not drill out. Hole was recollared at -50 (P-04-133A)									
22.00	158.20	CONGLOMBRATE; massive, fresh, framework to mx supported, polymictic peb-cob with a good arenaceous mx.									
		38.00 40.30 massive cong, wing	4539	38.00	40.30	2.30	.001				
		40.30 41.30 4" qc vn with massive cpy	4540	40.30	41.30	1.00	.001	.001	.001		
		40.50 41.00 OTZ/CARB vn @ 55 tca, 4" wide pk-bn-wt qtz/carb vn with a massive clot of Cpy. Vn is bounded by sharp chlc slips									
		41.30 44.00 massive cong, wing	4541	41.30	44.00	2.70	.001				
		57.30 58.30 2 qc vns weith tr py	4542	57.30	58.30	1.00	.001				
		57.60 57.90 QTZ/CARB vns @ 60 tca, 1" and a 1.5" wide qc vn with tr py									
		95.00 96.20 30% qtz/carb flooding and irregular vng with tr py	4543	95.00	96.20	1.20	.001				
		95.60 96.10 QTZ/CAL vng and pervasive flooding of mx interstitial to pebble clasts with tr diss py									
		145.20 146.20 2.5" qtz/epd vn	4544	145.20	146.20	1.00	.009	.008	.009		
		145.55 145.80 QTZ/BPD vn @ 80 tca; 2.5" wide milk-wt to translucent qv with epidote along margins and included wlrk frags. Barren, umin									

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
158.20	160.00	GREYWACKE; massive, fg dk gn, fresh arenaceous wacke		\-\-\-							
		160.00 160.00 BOH Hole was planned to go to 300 feet but was lost due to lost bit crown in hole. Hole recollared at -50				777					
		END OF HOLE									
		Total number of samples : 6 Total length sampled : 9.20									
		Care stored at Macasia Mini					i				
										!	
									1		
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M4.3/0 5

Property: PEGG

Hole no: P-04-133A Canton : TECK Lot :

Zone no:

Contractor: H&S

Rang:

Claim no: P - 2762

Started: 24/02/2004 Completed: 26/02/2004

Puit # :

Level :

Section:

Working offic

Collar coordonate

28100W Line: $\frac{\theta}{\theta}$

Latitude: 13340.00N Longitude: 9360.00E Elevation: -3.73

Azimuth: 327°30' 0" Dip: -45° 0' 0" Depth: 360.00

Reference system

Deviation tests

Depth	Dip	Az Truth			
350.00 F	-39° 0' 0"	327°30' "			

Comments :

42A01NE2064 2.27607

050

BQ

Water debit: Cement :

Core size: B lpha

Car Localisation Description érée:

Hole no: P-04-133A

Logged by : MARK MASSON

Date logged: 26/02/2004

Hole no: P-04-133A PAGE: 2

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
0.0	25.00	CASING, pulled									
25.0	152.50	CONGLOMERATE; massive, framework to mx supported, polymictic peb-cob. Very fresh, intercalated with narrow wacke horizons to 2-3 feet wide									
		37.00 40.00 massive cong, wing	4545	37.00	40.00	3.00	.001				
		40.00 41.00 2.5" qc vn									
		40.00 40.30 2.5" QTZ/CARB vn @ 65 tca, massive pk-wt bullish vn bounded by sharp clc flt slips	4546	40.00	41.00	1.00	.001				
		41.00 43.00 massive cong, wing	4547	41.00	43.00	2.00	.001				
	1	86.00 88.00 massive cong, wing	4548	86.00	88.00	2.00	.001				
		88.00 89.00 1" qc vn									
		88.00 88.10 1" QTZ/CARB vn @ 80 tca, pk-wt-bn bxd qc vn bounded by sharp chlc flt slips. Barren	4549	88.00	89.00	1.00	.001	.001	.001		
		89.00 92.00 mmassive cong, wing	4550	89.00	92.00	3.00	.001				
		92.00 95.00 as above	4551	92.00	95.00	3.00	.001				
		95.00 97.00 1" qc vn and irregular qtz/carb flooding in cong.Barren	4552	95.00	97.00	2.00	.001				
		95.70 95.90 1" OTZ/CARB vn and qtz/carb flooding with lt gn, epidote. Barren hungry									
		97.00 99.00 massive cong, wing	4553	97.00	99.00	2.00	.001				

TO (F) FROM DESCRIPTION FROM TO (F) Length (F) Sample (F) (F) 126.10 126.20 FAULT @ 25 tca; mody stg, chlc flt bx seam, 0.3" wide with wk serc gouge. Barren, umin. 141.00 149.00 Blocky, fred ground due to low angle fre set @ 0-15 tea 148.00 150.00 4554 148.00 150.00 2.00 .001 massive conq 150.00 151.00 0.5" wide, stg chlc bx brk, umin. 150.00 150.90 BREAK @ 20 tca, stg 0.5" wide chlc bx with bxd wlrk frags and moderate chlc 4555 150.00 151.00 1.00 .001 gouge. 4556 151.00 153.00 151.00 153.00 2.00 .002 .001 .002 massive cong/wacke GREYWACKE, massive dk gy-gn fg wacke. Very fresh, undeformed unaltered 152.50 155.70 153.00 155.00 4557 153.00 155.00 2.00 .001 massive wacke, wing 155.00 156.00 3" qv, bullish 4558 155,00 156.00 1.00 .001 155.40 155.70 OV @ 80 tca 3" milk wt qv with chlc sutures and minor chld wlrk inclusions. Bullish CONGLOMERATE; massive, fresh polymictic peb-cob with minor narrow wacke horizons 155.70 337.60 156.00 158.00 4559 156.00 158.00 2.00 .001 massive cong, wing 188.00 189.00 1" annealed brk with gtz/carb vng and Tr

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	·			
		188.00 188.20 BREAK @ 40 tca; stg, annealed chl/qtz/spec/cal with Tr euhedral py	4560	188.00	189.00	1.00	.001			
		224.00 227.00 Intense chic mud XFLT								
		224.00 227.00 X-FAULT @ 0-10 tca; very stg structure. Very stg chlc mud flt and annealed flt bx with stg gouge	4561	224.00	227.00	3.00	.001			
		"227.00 230.00 wky serd, stgy frcd cong								
		227.00 244.00 Conglomerate is very blky, stgy frcd, and cntn' patchy zones of stg serc altn and 15% irregular pk-wt qtz/carb vng and flooding. Very bullish looking, associated with intense X-flts described below	4562	227.00	230.00	3.00	,001			
		230.00 233.00 as above	4563	230.00	233.00	3.00	.001			
		233.00 234.00 stgy serc altd cong with 30% irregular qtz/carb vng and flooding	4564	233.00	234.00	1.00	.001			
		234.00 237.00 wky serc altd cong with minor qtz/carb vng	4565	234.00	237.00	3,00	.001			
		237.00 239.50 wky serc altd cong	4566	237.00	239.50	2.50	.001			
		239.50 242.00 stgy serc altd cong with 30% irregular qtz/carb vng and localized flooding	4567	239.50	242.00	2.50	.001			
		242.00 244.00 very stg chlc mud X-flt	4568	242.00	244.00	2.00	.001			
		242.70 243.70 X-Fault @ 10 tca, as previous, very stg, intense, chic mud flt								

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)						
		244.00 247.00 wky to mody serc altd cong 244.00 300.00 Conglomerate is massive and very fresh, predominantly framework	4569	244.00	247.00	3.00	.001			4570	blank	.001
		supportēd 327.50 328.50 3" bullish qtz/carb vn	4571	327.50	328.50	1.00	.001	.001	.001			
		327.90 328.20 3" pk-wt qtz carb vn @ 70 tca, bullish										
337.60	338.20	SYENITE PORPHYRY; massive, red-bn fg, with 1% mafic xenos. Narrow dyke, ucon very irregular, lcon is a sharp chlc slip @ 50 tca										
338.20	354.50	CONGLOMERATE; massive, fresh polymictic peb-cob. Framework supported Loon sharp @ 70 tca										
354.50	360.00	GRBYWACKE; massive fg-mg, sandy arenaceous wacke. Very frresh										
		"360.00 360.00 EOH casing pulled										
		END OF HOLE										
		Total number of samples : 26 Total length sampled : 54.00										
		core stored at Macasa Mine										
												
				<u></u>					Lil		<u></u>	

May 3/04

060

CEGEP Rouyn-Noranda DRILLING LOG

Property: PEGG

Hole no: P-04-134 Canton : TECK

Zone no:

Contractor: H&S

Rang:

Claim no: P-2762

Started: 27/02/2004 Completed: 29/02/2004

Puit # :

Level :

Section:

Working offic

Collar coordonate

Line : Station:

+ 26+00W + 13+03N

Latitude: Longitude: Elevation:

13455.00N 9522.00E 0.71

Azimuth: 327°30' 0" Dip: -45° 0' 0" Depth: 320.00

Reference system

Deviation tests

Depth	Dip	Az Truth				
320.00 F	-45° 0' 0"	327°30' "				

42A01NE2064 2.27607

Comments :

Water debit: Cement

Plug: Core size: B.Q

Car Localisation Description érée:

BQ

Logged by : MARK MASSON

Date logged: 01/03/2004

Hole no: P-04-134

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
0.00	12.00	CASING pulled								
12.00	49.60	CONGLOMERATE; massive fresh, polymictic peb-cob cong. Minor narrow qtz/carb vns throughout. Lcon obscured due to broken core						·		
49.60	55.60	BASIC SYENITE; narrow sill of lt gy gn, fg, massive bsyn with vague augite phenos and minor felsic blebs in a vfg mottled grdmass. Unit cntn' minor narrow pk-wt gtz/carb vnlt' to 0.2" wide. Lcon is very sharp and irregular intrusive type								
55.60	132.20	CONGLOMBRATE; massive, polymictic peb-cob. Fresh framework supported Lcon mkby a sharp serc slip @ 65 tca								
		66.60 68.00 stgy frod, limonitic stained cong with a 0.5" wide qtz/chl flt	4572	66.60	68.00	1.40	.001			
		67.10 67.30 FAULT @ 20 tca, 0.5" wide, stg qtz/chl bxd fault seam with stg Iimonitic staining and moderate mud gouge. Umin, cong is frcd for 6" adjacent to flt								
		68.00 70.00 massive cong, wing	4573	68.00	70.00	2.00	.001			
		98.70 98.80 FAULT @ 55 tca, fairly wk structure, serc altd and shrd with wk serc gg and 0.1" pk carb vnlt. Umin								
		114.00 116.50 massive to very wky shrd, wky serc altd cong	4574	114.00	116.50	2.50	.001			
		116.50 117.50 1" qc vn with tr py as below	4575	116.50	117.50	1.00	.001			
		117.00 117.20 1" wide pk-wt gtz/carb vn @ 35 tca, in mody serc altd wky shrd cong adjacent to a series of sharp, serc slips. Vn cntn' wispy chlc seams and Tr py aliong hairline seam								

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)						
		117.50 120.00 massive cong, wing	4576	117.50	120.00	2.50	.015	.015	.015			
132.20	132.60	SYBNITE PORPHYRY, very narrow dyke, mg red-bn with 35% plag phenos. Appears to be a real dyke and not a clast in cong Lcon mkby a sharp serc slip @ 40 tca										
132.60	300.20	CONGLOMBRATE: massive, fresh polymictic cong										
		143.00 144.80 massive cong, wing	4577	143.00	144.80	1.80	.001					
		144.80 145.90 Irregular qtz/carb flooding with tr py										
		144.80 145.90 Otz/carb flooding, irregular gy-wt gtz/carb vng and pervasive flooding with wispy chl inclusions. Tr patchy py adj to vng	4578	144.80	145.90	1.10	.001					
		145.90 148.00 massive cong, wing	4579	145.90	148.00	2.10	.001					
		188.60 189.60 2" gc vn, tr py	4580	188.60	189.60	1.00	.001					
		189.10 189.30 QTZ/carb vn @ 55 tca,2" gy-wt qc vn with chic sutures and Tr wispy py										
300.20	303.90	GRBYWACKE; massive, fresh, fg-mg wacke with minor scattered peb clasts										
303.90	320.00	CONGLOMERATE; massive fresh, polymictic peb-cob cong										
		 320.00 320.00 EOH casing pulled										
		END OF HOLE										
		Total number of samples : 9 Total length sampled : 15.40									.	
		cone stored at Macoico Mine							157	1		

MY.3/04



Work Report Summary

Transaction No:

W0480.00672

Status: APPROVED (D)

Recording Date:

2004-MAY-04

Work Done from: 2004-FEB-15

Approval Date:

2004-AUG-02

to: 2004-MAR-03

Client(s):

400421

KIRKLAND LAKE GOLD INC.

Survey Type(s):

PDRILL

12A01NE2064 2.27607

TECK

900

W	ork Report D	<u>etails:</u>	Perform		Annlind		Assian		Reserve	
Cla	aim#	Perform	Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Approve	Due Date
G	8080048	\$26,881	\$26,881	\$0	\$0	\$26,881	26,881	\$0	\$0	
L	859695	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-NOV-07
L	983045	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2006-DEC-16
L	1045619	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-AUG-11
L	1045623	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-OCT-07
L	1049049	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-OCT-28
L	1213913	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-MAR-20
L	1213914	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2005-JUN-13
L	1214365	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-13
L	1214367	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-13
L	1214368	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-13
L	1214369	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2005-JUN-13
L	1214370	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-17
L	1214371	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2006-JUN-13
L	1214372	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2006-JUN-13
L	1214373	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2005-JUN-13
L	1214374	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2006-JUN-13
L	1217446	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-JUN-13
L	1217447	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-JUN-13
L	1217448	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2006-JUN-13
L	1217450	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2006-AUG-0
L	1217451	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2005-AUG-0
Ĺ	1217452	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-JUL-18
L	1217455	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-JUL-18
L	1217479	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2006-AUG-0
L	1217759	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2005-OCT-04
L	1219980	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-DEC-12
L	1219981	\$0	\$0	\$3,181	\$3,181	\$0	0	\$0	\$0	2006-DEC-12
L	1221710	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2005-DEC-30
L	1222104	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-MAY-0
L	1222105	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAY-0
L	3011230	\$0	\$0	\$900	\$900	\$0	0	\$0	\$0	2007-JUN-17
		\$26,881	\$26,881	\$26,881	\$26,881	\$26,881	\$26,881	\$0	\$0	=



Work Report Summary

W0480.00672 Status: APPROVED (D) **Transaction No: Recording Date:** 2004-MAY-04 Work Done from: 2004-FEB-15 Approval Date: 2004-AUG-02 to: 2004-MAR-03 **External Credits:** \$0 Reserve: Reserve of Work Report#: W0480.00672 \$0 \$0 Total Remaining

Status of claim is based on information currently on record.

Ministry of Northern Development and Mines Ministère du Développement du Nord et des Mines

Date: 2004-OCT-12



Ontario

GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

Tel: (888) 415-9845 Fax:(877) 670-1555

KIRKLAND LAKE GOLD INC.
MACASSA MINE, HWY #66, #3 SHAFT
KIRKLAND LAKE, ONTARIO
P2N 3J1 CANADA

Dear Sir or Madam

Submission Number: 2.27607 Transaction Number(s): W0480.00672

Subject: Deemed Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s) as per 6(7) of the Assessment Work Regulation. Only eligible assessment work is deemed approved for assessment work credit. The attached Work Report Summary indicates the results of the approval.

NOTE: The report has not been reviewed for technical deficiencies and reported expenses were not evaluated based on the Industry Standard.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

PLEASE NOTE: Work performed in and around an operational mine site, and filed for assessment work purposes, is currently being reviewed by the Lands and Exploration subcommittee of the Minister's Mining Act Advisory Committee (MMAAC). The recommendations of the Lands and Exploration subcommittee may have an impact on eligible assessment credits for future submissions of this nature.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,

Ron C Gashinski

Senior Manager, Mining Lands Section

Cc: Resident Geologist

Michael William Sutton

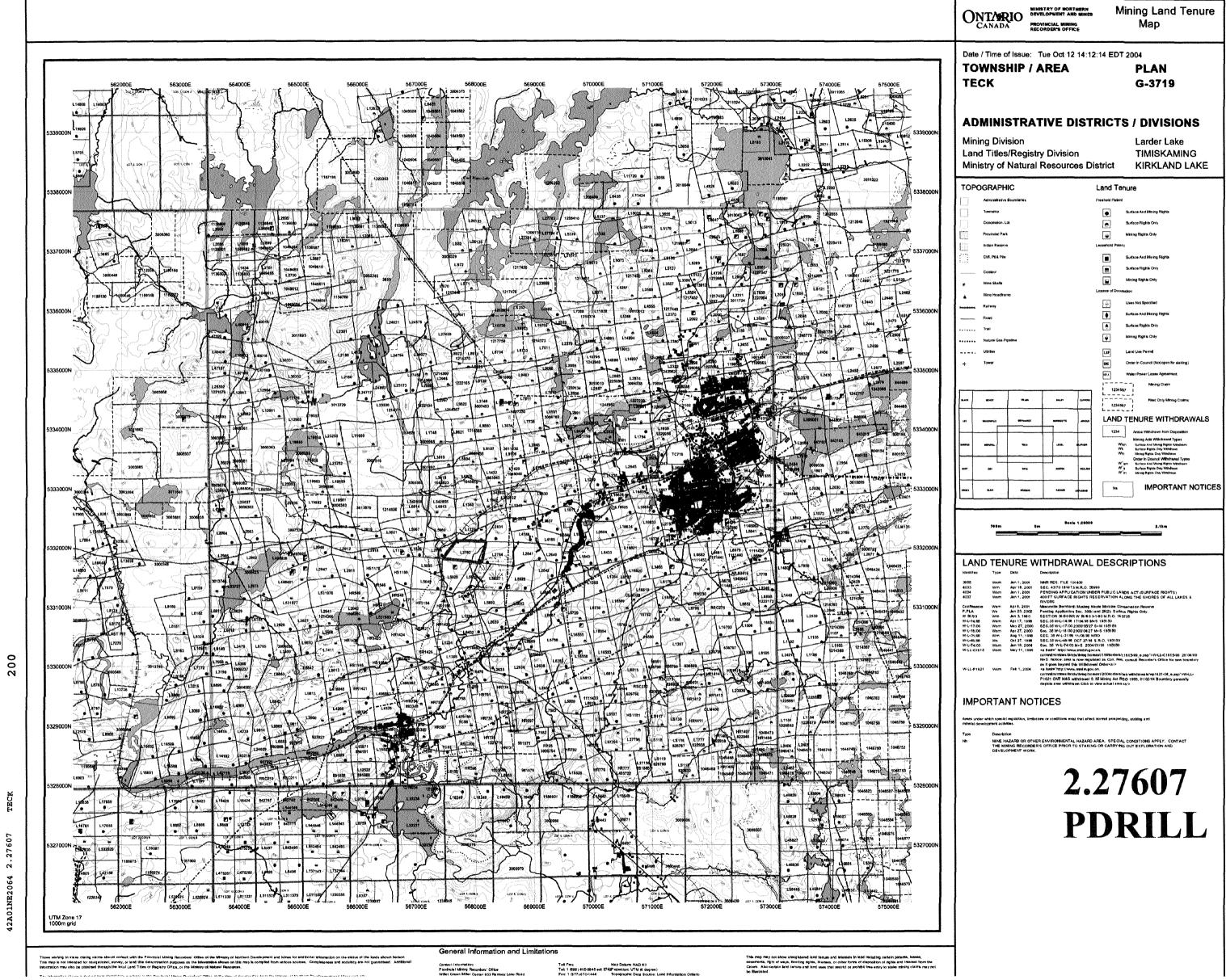
(Agent)

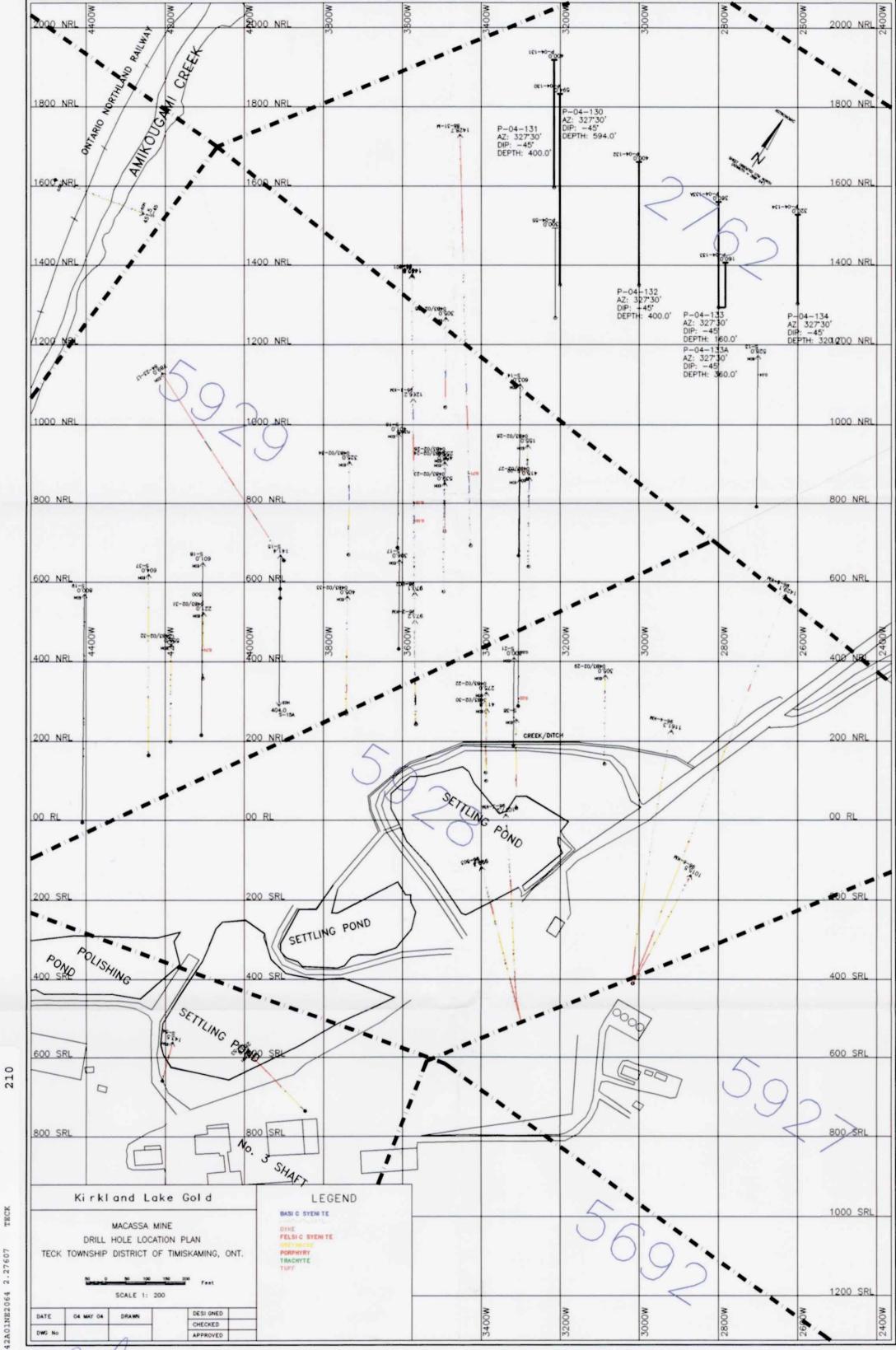
Assessment File Library

Kirkland Lake Gold Inc.

(Claim Holder)

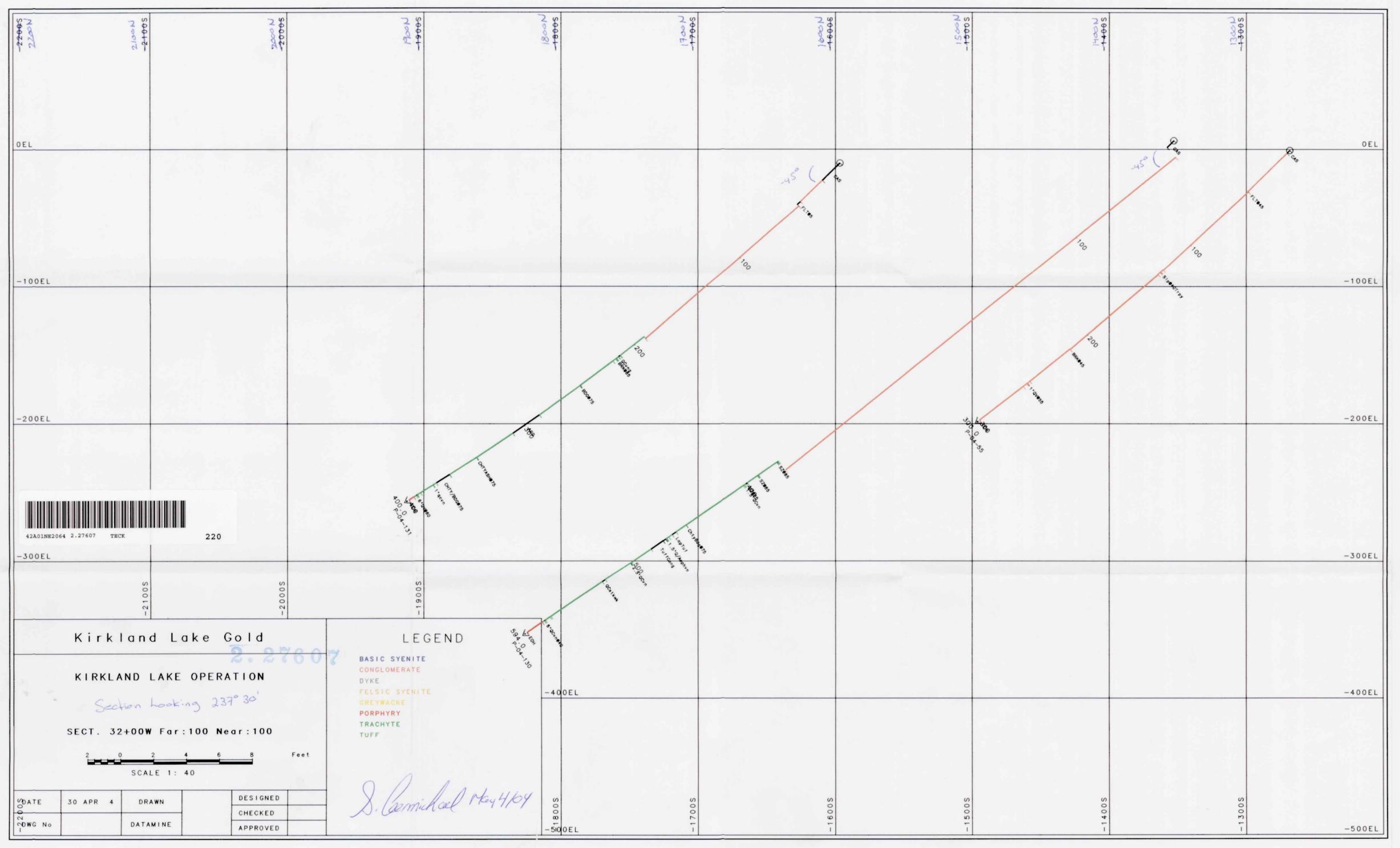
Kirkland Lake Gold Inc. (Assessment Office)





& Cornichal May 4/04

2.27607



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					T. T. Baro	
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Kirkland Lake Gold	2760 BASIC SYENITE CONGLOMERATE DYKE	-400EL				-400EL
SECT. 30+00W Far:100 Near:100 2	TRACHYTE TUFF Feet	-210 OET	- 1 6 0 0 S	-1500S	-1400S	-500EL

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42A01NE2064 2.27607 TECK -300EL	240								-300EL
KIRKLAND L	AKE OPERATION	LEGEND BASIC SYENITE CONGLOMERATE DYKE FELSIC SYENITE	-400FI						-400FI
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ODATE 30 APR 4 DRA	CHECKED	S. Cormichael May 4/04	-5100EL	-17008	- 1600S	-15008	- 1400S	-13008	-500EL

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Ki	irkland Lake G	sold o	LEGEND							
кі	RKLAND LAKE OPERA	TION	CONGLOMERATE DYKE							
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SEC	T. 26+00 W Far:100 Ne	ar:100	TUFF							
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