Kinross Gold Corporation
Kirkland Lake Operation

2.17850

Surface Diamond Drill Hole Log Cover Sheet

Hole Number : KM 97-1

Location (Mining Claim Number): Teck Township HS 1166 / L-6219

Drill Hole Collar Cordinates: Section 52.96 West / 300 SRL (mine coordinates)

Collar Dip: -78°

Collar Azimuth: 353°

Core Size: BQ

Start Drilling: 02/07/1997

Complete Drilling: 10/ 07 / 97

Drill Contractor: Bradley Brothers Ltd. Timmins, Ontario.

Storage of Core: At mine

Overburden Thickness: 9.8' Casing left in hole

Total Depth: 1,640'

Completion of Log: 15 / 07 / 1997

Geologists / Authors of Log:

Douglas Cater

Alastair Still

filename\explor\971dd.wpd

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)
0.00	9.80	Lost core, casing				
9.80	111.40	GREYWACKE- fresh, massive, sandy (1-3 mm avg. diam) with local isolated pebbles (2%) to 5 cm diam, 1% f-gr jasper grains, med grey 63.70 - 63.80 3/4" qtz vn @69, bullish, no visible sulph, minor chl-crb 63.90 - 64.40 6" f-gr dyke, grey-green @47, possible chl slip/weak flt along trail ctc. 20% late qtz vn/flooding @05-15, bullish, no visible sulph	82514	63.60	64.60	1.00
		70.30 - 71.50 Series of 1/8" crb tension gashes @70 with 1" spacing, barren	82515	70.30	71.50	1.20
		71.20 - 71.30 1/2" qtz filled chl-crb slip @41, tr-1% sulph along margins, some vugs in eroded crb-rich zones 102.10 - 111.40 Gritty greywacke, becoming coarser grained downhole, pebble content incresing to near 3-5%				
111.40	151.50	CONGLOMERATE-fresh, polymictic, poorly sorted, matrix-supported rounded to sub-rounded pebbles, matrix is a sandy natured wacke, ctc is gradational. Locally greywacke lenses. 111.40 - 119.30 Gritty greywacke/cgl becoming more pebble-rich downhole, fresh, massive 135.90 - 136.00 1" qtz crb vn @38, sharp non-altered margins, no visible sulph				
151.50	169.90	GREYWACKE- fresh, massive, sandy (1-3 mm avg. diam) with local isolated pebbles (2%) to 5 cm				

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)						
		diam, 1% f-gr jasper grains, med grey. Natural graded ctc. Bedding near @50										
		167.80 - 168.60 Crumbled/ground core, no visible structure										
169.90	187.90	CONGLOMERATE- fresh, polymictic, poorly sorted, matrix-supported rounded to sub-rounded pebbles, matrix is a sandy natured wacke, ctc is natural. Bedding near @55, 30% pebbles, up to 5 cm diam										
187.90	223.00	GREYWACKE- fresh, massive, sandy (1-3 mm avg. diam) with local isolated pebbles (2-5%) to 5 cm diam, 1% f-gr jasper grains, med grey, sandy and gritty layers										
223.00	267.50	CONGLOMERATE-fresh,polymictic,poorly sorted,matrix-supported, typical fresh dk green in colour, sandy matrix.										
267.50	325.30	GREYWACKE: typical pale green coloured sandy matrix white qtz / crb filled fractures, no alt and minor pebbles and jaspers are present.	82516	270.00	271.20	1.20						
		270.60 - 270.60 1/2" white qtz / crb filled fracture @ 40	82517	301.80	302.80	1.00						
		302.50 - 302.60 1" white qtz / crb filled fracture @ 40 host greywacke is weakly bleached a pale grey colour. no sulf.	82518	320.80	321.50	0.70						
		321.10 - 321.30 2" dull white qtz / crb filled vein @ 54 bullish natured no alt or mineral.	82519	324.60	326.20	1.60	QTZ	ALT				
		324.70 - 331.50 section of very strongly altered and sericitized greywacke / conglomerate. strongly silicified throughout, numerous										

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)					
		pebbles throughout.									
		324.80 - 325.50 strong pale white qtz vein @ 55 minor green / black chl gouge acts to bx the vein. core is strongly fractured.									
325.30	464.00	CONGLOMERATE-weakly altered and bleached polymictic,poorly sorted,matrix-supported									
		325.30 - 325.30 evidence of a chl / crb flt @ 59 small pieces of chl fault gouge are evident in the box.	82520	326.20	327.80	1.60		ALT			
		331.00 - 331.00 1" cherty dirty white qtz / crb filled fracture, bullish natured which is followed by a 1/4" chl flt seam @ 40									
		389.70 - 389.70 1/2" chl gouge coated flt @ 30	82521	406.00	407.10	1.10					
		406.50 - 406.70 2" qtz / crb stringer zone @ 59 weakly altered section of cg.									
		436.70 - 436.70 1/3" qtz / crb / chl filled frac @ 43	82522	443.40	444.50	1.10		QV			
		443.80 - 444.10 2" white qtz / crb / chl vein @ 27 weakly altered conglomerate is the host lithology.									
		462.00 - 464.00 section of weakly altered and sericitized conglomerate which has a qtz vein present at this location.	82523	462.30	464.00	1.70		QV FLT	ALT		
		463.30 - 463.60 3" qtz vein @ 35 immediately followed by									

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)
		a 1/3" chl bx flt @ 55				
464.00	496.40	GREYWACKE: pale green sandy typical fresh lithology. number of hairline crb and qtz stringers throughout.				
		488.00 - 488.00 1/4" chl / crb filled slip @ 29				
496.40	536.00	CONGLOMERATE-fresh,polymictic,poorly sorted,matrix-supported				
500.00	522.30	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported				
522.30	534.50	GREYWACKE: consists of a very fresh dk green sandy natured matrix with a few scattered variably sized pebbles.				
534.50	543.20	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported				
543.20	562.20	GREYWACKE: pale green sandy natured matrix, with minor jasper fragments.				
562.20	581.20	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported				
562.20	817.80	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported				
		585.10 - 585.10 1/3" crb / qtz / chl filled fracture @ 50				
		603.00 - 603.00 1/4" crb / chl mud gouge coated slip @ 15				
			82524	630.00	632.00	2.00
		630.80 - 631.10 2" laminated qtz / crb / chl filled fracture @ 25 looks barren, no alteration or mineralization.				
		635.20 - 635.20 1/2" chl / vuggy carb mud fault @ 22 no				

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)					
		alteration or mineralization.									
		654.50 - 654.50 1/4" white crb coated fracture @ 15									
		656.50 - 656.50 1/2" soft vuggy crb / chl tight flt seam @ 26									
		691.10 - 691.10 1/3" pink crb coated fracture @ 22									
		693.40 - 694.00 3" pink crb / chl vuggy fracture zone @ 19 appears bullish no alt or mineral.	82525	712.00	713.00	1.00					
			82526	713.00	714.00	1.00	shr/qz				
		713.10 - 714.30 7" laminated pink crb / qtz / chl filled shear @ 32 -contains both pink and white crb. -host conglomerate is weakly bleached and sericitized. A 1/3" grey qtz stringer is present at the start of the Shear Zone.	82527	714.00	715.20	1.20					
			82528	731.70	732.70	1.00	bx/shr	flt			
		732.00 - 732.30 3" crshed/bxd flt @63, altd orange-brown, 20-30% qtz frags, 1% sulph									
			82529	733.80	734.80	1.00	flt				
		734.30 - 734.70 3" chl-ser flt @66, crb-qtz filled, tr sulph, bl'd buff surrounding zone									
817.80	838.20	BIOTITE LAMP DYKE: consists of a dark green med grained K-spar matrix with numerous blue green augite phenos also contains 5% coarse black biotite flakes.									
		817.80 - 817.80 irregular but sharp natured contact with the biotite lamp dyke is @ 38									
			82530	829.00	830.00	1.00					

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)						
		829.50 - 829.70 1.5" laminated pink crb / qtz / chl band @ 46 minor shearing of the adjacent Lamp dyke. No alt or mineralization.										
838.20	882.60	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported 838.20 - 838.20 sharp natural contact is @ 8 with the adjacent conglomerate.										
882.60	900.50	BASIC SYENITE- fresh,massive,competant,dark gn-gy, homogeneous 882.60 - 882.60 sharp natural contact is @ 24										
900.50	924.90	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported 900.50 - 900.50 sharp natural trailing contact is @ 35	82531	904.00	905.00	1.00	qv					
		904.30 - 904.60 2" pale white qtz / crb / chl / epidote vein @ 19 - a str chl slip is present along the trailing margin of the vein @ 19										
924.90	943.10	BASIC SYENITE- fresh,massive,competant,dark gn-gy, homogeneous, quite a reddish brown matrix associated with this lithology. 924.90 - 924.90 leading contact with the B. Syenite is @ 24	82532	938.60	939.60	1.00	slip/f	lt				
		938.80 - 939.30 2" chl / crb / qtz / flt @ 23 no alt or mineral.										

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)						
943.10	995.30	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported										
		943.10 - 943.10 contact with the Conglomerate is fresh and natural and @ 25										
		967.90 - 968.90 1" laminated pink crb / chl / qtz filled frac @ 53 weak alteration and minor sheared fabric is observed.	82533	967.90	969.90	2.00						
		969.30 - 969.30 1/2" chl flt @ 45										
		971.20 - 971.20 1/3" chl / crb bx slip @ 33										
		974.00 - 974.00 1/3" chl / crb / qtz coated slip @ 30										
			82534	978.10	978.90	0.80		crb/fr	ac			
		978.90 - 978.90 1" laminated white crb / qtz / chl filled fracture @ 59 no alteration or mineralization.										
995.30	1002.40	GREYWACKE: as above very fresh typical green sandy matrix.										
1002.40	1016.20	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported										
1016.20	1025.30	GREYWACKE: as above very fine dk green sandy natured matrix.										
1025.30	1042.90	CONGLOMERATE- fresh,polymictic,poorly sorted,matrix-supported										
1042.90	1102.20	BASIC SYENITE- fresh,massive,competant,dark gn-gy, homogeneous										
		1079.70 - 1079.80 1/8" chl/carb slip, barren, not altered, @55										

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)			
		1086.50 - 1086.60 1" pink crb vn with chl margins, euhedral calcite on vn margins in open space filling							
		1100.10 - 1101.80 1-2" chl-crb slip/weak flt @12, tr sulph	82535	1100.10	1101.80	1.70	flt		
1102.20	1103.80	CONGLOMERATE- fresh, polymictic, irregular ctcs near @16. Likely lens of cgl caught up in basic syenite							
1103.80	1110.60	BASIC SYENITE- fresh, massive, c-gr, black-brown, lead ctc @15							
		1105.00 - 1107.00 Small thin lenses of cgl caught up in basic syenite at very low angles TCA							
			82536	1109.60	1110.60	1.00	flt/br	k	
		1109.80 - 1110.40 Strongly sheared and fol'd basic syenite @53, bl'd and altd light grey-orange, strongly crbt'd, weak silf'n, tr sulph							
		1110.40 - 1110.60 2" str chl flt/brk @53, 5-10% crushed frags in flt to 2-4mm diam, no major altn downhole from flt							
1110.60	1340.50	CONGLOMERATE-fresh,polymictic,poorly sorted,matrix-supported rounded to sub-rounded pebbles, matrix is a sandy natured wacke, ctc @53							
		1148.50 - 1148.55 1/4" bl'd chl-crb-ser slip/weak flt @22, minor grey crb filling							
			82537	1168.00	1169.00	1.00			
		1168.20 - 1168.40 1" pink crb filled flt @26, chl-ser 1/8" margins, crushed cgl downhole to 1168.9' with weak to mod crbtn							

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)		
		1173.30 - 1173.50 1" crb-chl slip/vn @34						
		1217.40 - 1218.10 FELSIC SYENITE lens or just large pebble? Appears to be flt bounded on both ctcs, salmon-brown, fresh						
		1217.40 - 1217.42 1/8" chl-crb flt @ 16, minor mud along flt						
		1218.10 - 1219.50 Strongly chlt'd and fltd/sheared zone @15, light green chl slips and flts, no apparent mineralization						
		1252.90 - 1253.00 1" chl-crb flt @33, appears barren						
		1266.70 - 1266.72 1/4" narrow shaered slip @71, crb-ser rich, late crb filled, buff-green						
		1275.70 - 1275.80 1" pink crb-minor qtz vn @39 with chl slip margins						
		1280.40 - 1281.50 Crumbled core, still in cgl. Evidence of a str chl-crb flt @undetermined angle. Chl-crb frags, minor local mud	82538	1280.40	1281.50	1.10	flt/gc	
		1306.90 - 1306.92 1/4" bl'd buff chl-ser seam @49, in fresh cgl	82539	1338.30	1340.50	2.20	flt	
		1338.50 - 1339.00 Sheared and altd cgl @26, bl'd and altd light green-buff, ser-chl-epidote altn						
		1338.80 - 1339.00 1" crshd crb-minor qtz flt @26, chl-ser-epidote light green margins, no						

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)							
		visible sulph											
		1339.00 - 1340.50 C-gr sand/gritty lense, 1-4 mm diam grains, bl'd light brown-grey, minor ser-chl altn											
		1340.40 - 1340.50 1/2" str black chl annealed flt @37, minor crb frags, ser-chl margins, weak silf'n, no visible sulph											
1340.50	1583.30	SYENITE PORPHYRY-fresh, purple-brown, 3% mafic xenoliths to 1", white feldspar phenos distributed evenly throughout sharp leading ctc @37											
		1346.40 - 1346.42 1/2" qtz frag, milky white, with crb filling	82540	1347.40	1349.00	1.60		qf					
		1347.60 - 1347.62 1/8"chl-ser sharp flt/slip @20, barren											
		1347.60 - 1348.90 Weak qtz frags and str up to 5-10% qtz, no apparent altn or sulph increase											
		1348.50 - 1348.60 3/4" qtz vn @66, milky white, not altd											
		1350.90 - 1350.92 1/2" chl-crb slip/vn @44	82541	1367.80	1368.80	1.00		qf					
		1368.40 - 1368.42 2" qtz-crb frags, no apparent sulph											
		1377.00 - 1377.02 1/3" str chl-crb slip @31, no apparent altn or sulph											

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)						
		1397.70 - 1398.30 Zone of weak chl-slips @32, leads with 1" pink-crb chl slip @32, no sulph	82542	1429.90	1430.90	1.00						
		1430.10 - 1430.15 1/2" crb-chl slip/weak flt @43, vuggy calcite filled										
		1430.50 - 1430.70 Pervasive-chl-ser altn, 10-15% qtz-crb frags, tr sulph										
		1446.60 - 1446.62 1/8" chl-crb tight flt/slip @47, slickensides on flt surface	82543	1456.00	1458.30	2.30						
		1456.20 - 1456.30 1" milky white qs @78, appears barren										
		1457.50 - 1457.60 1" crushed chl pink crb flt @69, light green chl-epidote altn, in relatively fresh porphyry										
		1458.00 - 1458.05 1/2" milky white qtz str @61, no visible sulph	82544	1458.30	1459.70	1.40	qv					
		1459.40 - 1459.60 2" milky white qtz vn @71, no visible sulph or altn										
		1479.10 - 1482.90 Weakly altd chl-ser, light green shade otherwise pinky-brown porphyry, weak pervasive silf'n with isolated qtz stringers	82545	1479.10	1482.90	3.80	sil/qv					
		1479.40 - 1479.44 1/2" chl-qtz str @59, banded nature due to multiple fillings										

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)						
		1480.70 - 1480.72 1" QTZ STr @80, appears barren										
		1481.90 - 1481.92 1" milky white qtz-crb vn @69										
		1491.50 - 1491.52 1/8" chl/carb slip, barren, not altered, @36										
		1524.40 - 1524.50 1/2" chl-crb flt @31, sharp margins	82546	1558.50	1560.50	2.00						
		1558.80 - 1559.20 4" pink crb minor qtz vn @31, appears barren										
		1559.40 - 1559.50 1" pink-crb minor qtz vn @35, fresh margins										
		1560.10 - 1560.50 Weak fol @28 defined by chl-ser vns, crb-qtz flooding, tr sulph	82547	1564.30	1567.70	3.40						
		1564.50 - 1564.52 1/2" qtz-crb vn @53 with chl margins										
		1565.70 - 1567.30 1" qtz crb vn @13, pink altd margins, tr sulph										
		1567.30 - 1567.35 1/4" chl-ser str slip/flt @27, local qtz flooding adjacent to qtz crb vn										
		1575.30 - 1576.80 Silf'd and qtz flooding to 20%, light green chl-ser flooding and stockwork of microfractures	82548	1575.30	1576.80	1.50						
			82549	1583.00	1585.50	2.50		flt/alt'n				

From (P)	To (P)	DESCRIPTION	Sample	From (P)	To (P)	Long (P)						
1583.30	1640.00	CONGLOMERATE-fresh,polymictic,poorly sorted,matrix-supported rounded to sub-rounded pebbles, matrix is a sandy natured wacke, ctc @31										
		1583.30 - 1583.50 2" pink crb -chl minor epidote flt @31, leads strongly altd zone of gritty greywacke at contact between porphyry										
		1583.50 - 1585.50 Gritty greywacke/cgl, str chl-ser-epi altn, fabric @31, no apparent sulph increase										
		1585.40 - 1585.50 1/2" pink crb chl flt @20, trailing ctc with fresh cgl										
			82550	1620.80	1621.80	1.00		flt				
		1621.40 - 1621.45 1/3" chl-crb flt @23, 1" bl'd buff weakly silf'd margins, tr py										
1640.00	1640.00	End hole in fresh cgl										
		END OF HOLE										
		Total samples : 37 Total footage sampling : 53.70 P										

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
LARDER LAKE 10926
Assessment Files Research Imaging
MINING DIVISION

Personal informal
Mining Act, the in
Questions about
933 Ramsey Lak

42A01NE0315 2.17850 TECK

900

and 66(3) of the Mining Act. Under section 8 of the
ınt work and correspond with the mining land holder.
of Northern Development and Mines, 6th Floor,

97 SEP 11 10 0 00

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Instructions: - For work performed on Crown Lands before **recording** a claim, use form 0240.
- Please type or print in ink.

2.17850

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
Kinross Gold Corporation	130666
Address	**Telephone Number**
40 King St. West, 56th Floor	416-365-5123
Toronto, ON M5H 3Y2	**Fax Number**
Name	**Client Number**
CONTACT PERSON Alastair Still	
Address	**Telephone Number**
Kinross Gold Corp — Macassa Mine	705-567-5208
Box 550 Kirkland Lake, ON P2N3J7	**Fax Number** 705-568-3136

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
☑ Physical: drilling, stripping, trenching and associated assays
☐ Rehabilitation

Work Type	Office Use
Contract Diamond Drilling	Commodity
	Total $ Value of Work Claimed
Dates Work Performed From 02 (Day) 07 (Month) 97 (Year) To 15 (Day) 07 (Month) 97 (Year)	NTS Reference
Global Positioning System Data (if available) / Township/Area: TECK	Mining Division
M or G-Plan Number	Resident Geologist District

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
Alastair Still - Macassa Mine	705-567-5208
Address	**Fax Number**
Box 550 Kirkland Lake, ON P2N3J7	705-568-3136
Name	**Telephone Number**
Address	**Fax Number**
Name	**Telephone Number**
Address	**Fax Number**

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SEP 15 1997
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, Alastair C Still (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	Date
	Sept 11/97
Agent's Address	**Telephone Number** / **Fax Number**
AS ABOVE - Kirkland Lake	567-5208 / 568-3136

41 (02/96)

Deemed Dec 10/97

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	**Number of Claim Units.** For other mining land, list hectares.	**Value of work performed** on this claim or other mining land.	**Value of work applied** to this claim.	**Value of work assigned** to other mining claims.	**Bank.** Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	L6219 ✓	12.4ha	$30,630.93	—	$18,600	$12,030.93
2	565538	1	—	$800 ✓	—	—
3	565539	1	—	$800 ✓	—	—
4	599063	1	—	$800 ✓	—	—
5	599064	1	—	$800 ✓	—	—
6	599065	1	—	$800 ✓	—	—
7	640922	1	—	$800 ✓	—	—
8	640923	1	—	$800 ✓	—	—
9	640924	1	—	$800 ✓	—	—
10	640925	1	—	$800 ✓	—	—
11	642642	1	—	$400 ✓	—	—
12	668355	1	—	$400 ✓	—	—
13	735599	1	—	$400 ✓	—	—
14	735600	1	—	$400 ✓	—	—
15	735601	1	—	$400 ✓	—	—
	✓ CONTINUED	**Column Totals**	CONTINUED			$12,030.93

I, Alastair C Still (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing | Date Sept 11/97

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☑ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☑ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

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SEP 15 1997
RECORDING OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
97 SEP 11 PM 3 04	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form. → CONTINUED ← W 9780.00956

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
					97 SEP 11	PM 3 06
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	842772	1	—	$800	—	—
2	842773	1	—	$800	—	—
3	842774	1	—	$800	—	—
4	842775	1	—	$800	—	—
5	842777	1	—	$800	—	—
6	842778	1	—	$800	2.1785	
7	858027	1	—	$800	—	—
8	858028	1	—	$800	—	—
9	858029	1	—	$800	—	—
10	859695	1	—	$400	—	—
11	983045	1	—	$400	—	—
12	616278	1	—	$400	—	—
13	636806	1	—	$400	—	—
14	1213913	1	—	$400	—	—
15	1205574	1	—	$200	—	—
		Column Totals	$30,630.93	$18,600	$18,600	$12,030.93

I, Kristi C Still (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [signature] Date: Sept 11 / 97

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☑ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☑ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

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GEOSCIENCE ASSESSMENT OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

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Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (02/96)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9780.00926

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.17351

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Contract Diamond Drilling (Bradley Bros. Ltd)	1640'		$27,630.93
Geology - Layout/Prep	5 days	$250/day	$1,250
Core Logging	5 days	$250/day	$1,250
Site Inspections	2 days	$250/day	$500
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
		Total Value of Assessment Work	$30,630.93

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

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SEP 15 1997
GEOSCIENCE ASSESSMENT OFFICE

Certification verifying costs:

I, Alastair C Skill (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Kinross Gold Corporation (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature: [signature] Date: Sept 11/97

Ontario

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

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5863

December 4, 1997

KINROSS GOLD CORPORATION
40 KING STREET WEST
56TH FLOOR
TORONTO, Ontario
M5H-3Y2

Dear Sir or Madam:

Submission Number: 2.17850

Subject: Transaction Number(s):		**Status**
	W9780.00926	Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 11626

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.17850

Date Correspondence Sent: December 04, 1997 **Assessor:** Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00926	8000693	TECK	Approval	December 03, 1997

Section:
16 Drilling PDRILL

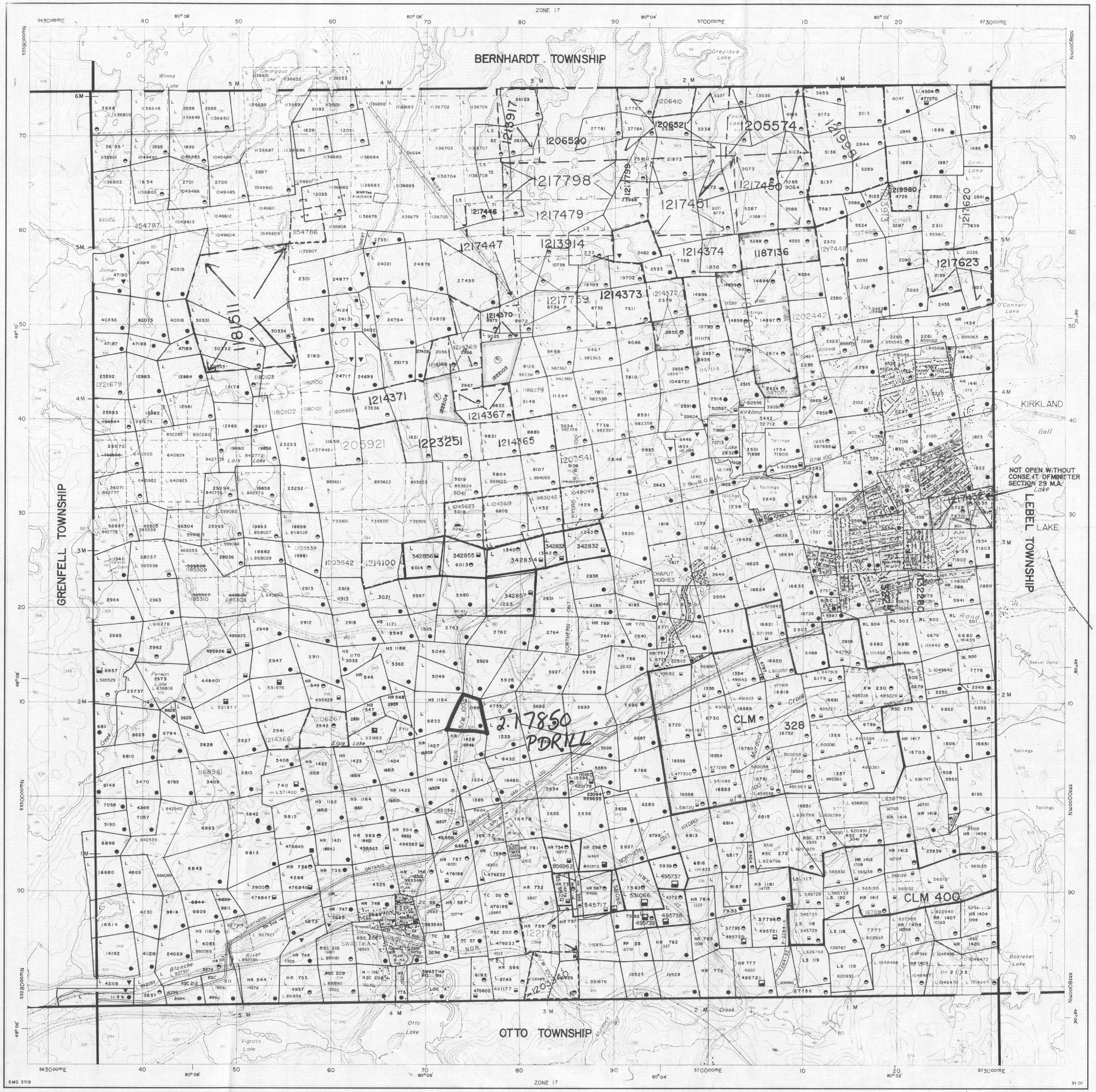
Correspondence to:
Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
Alastair C. Still
KIRKLAND LAKE, ON, CANADA

KINROSS GOLD CORPORATION
TORONTO, Ontario

Correspondence ID: 11626



Ministry of Natural Resources
Ministry of Northern Development and Mines
Ontario

42A01NE0315 2.17850 TECK

200

INDEX TO LAND DISPOSITION

PLAN
G-3719

TOWNSHIP
TECK

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE

MINING DIVISION
LARDER LAKE

LAND TITLES/REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000

Contour Interval 10 Metres

AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
SEC 35 WITHDRAWAL	W-L-9/97 NER	APRIL 22/97	SRO	

SYMBOLS

Boundary
Township, Meridian, Baseline
Road allowance; surveyed
shoreline
Lot/Concession; surveyed
unsurveyed
Parcel; surveyed
unsurveyed
Right-of-way; road
railway
utility
Reservation
Cliff, Pit, Pile
Contour
Interpolated
Approximate
Depression
Control point (horizontal)
Flooded land
Mine head frame
Pipeline (above ground)
Railway; single track
double track
abandoned
Road; highway, county, township
access
trail, bush
Shoreline (original)
Transmission line
Wooded area

DISPOSITION OF CROWN LANDS

Patent
Surface & Mining Rights
Surface Rights Only
Mining Rights Only
Lease
Surface & Mining Rights
Surface Rights Only
Mining Rights Only
Licence of Occupation
Order-in-Council
Cancelled
Reservation
Sand & Gravel

DATE OF ISSUE
SEP 12 1997
PROVINCIAL RECORDING OFFICE - SUDBURY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

ARCHIVED APR. 2?/96
CIRCULATED SEPT 23/93

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

2000 N RL

Declination 12°W

L5929

L5928

0 N RL

DDH 88

KM 96-1
AZ. 329d53'
DIP -50d40'

KM 96-3
AZ. 331d29'45"
DIP -17d26'

12000 N

24" dia Culvert

4 24" dia Culverts

WATER LEVEL 1054.61'

CREEK/DITCH

SETTLING POND
C3
WATER LEVEL 1032.25'

24" dia Culvert

'A' DAM

WATER LEVEL 1023.55'

SETTLING POND
C2

3 000 40 W SECT

4 12" DIA Culverts

WATER LEVEL 1021.60'

WATER LEVEL 1014.64'

SETTLING POND
C1

POLISHING POND

11000 N

L5692

No. 3 SHAFT

24" CULVERT

24" CULVERT
CREEK

Septic System

5 WEST

"C" DAM

L4755
Ramp Access

COLLAR 97-1
DIP -78
AZIMUTH 353
LENGTH 1,640'
BQ CORE

AMIKOUGAMI CREEK

L6219

MINE ACCESS ROAD

"D" DAM

2000 S RL

10000 N

8000 E

9000 E

10000 E

60 W SECT

40 W SECT

42A01NE0315 2.17850 TECK

210

SCALE
0 100 200 300
FEET

KINROSS
Gold Corporation
Kirkland Lake Operation
Macassa Mine

TITLE: SURFACE PLAN
KM-97-1

TECK TWP

DRAWN BY: A. STILL	SCALE: 1"=200'
APPROVE:	NUMBER:
DATE: 08/18/97	FILE:

500N 400N | 300N | 200N | 100N | 0N | 100N | 200N | 300N | 400N | 500N

-100EL

-200EL

-300EL

-400EL

-500EL

-600EL

-700EL

-800EL

-900EL

-1000EL

-1100EL

-1200EL

-1300EL

-1400EL

-1500EL

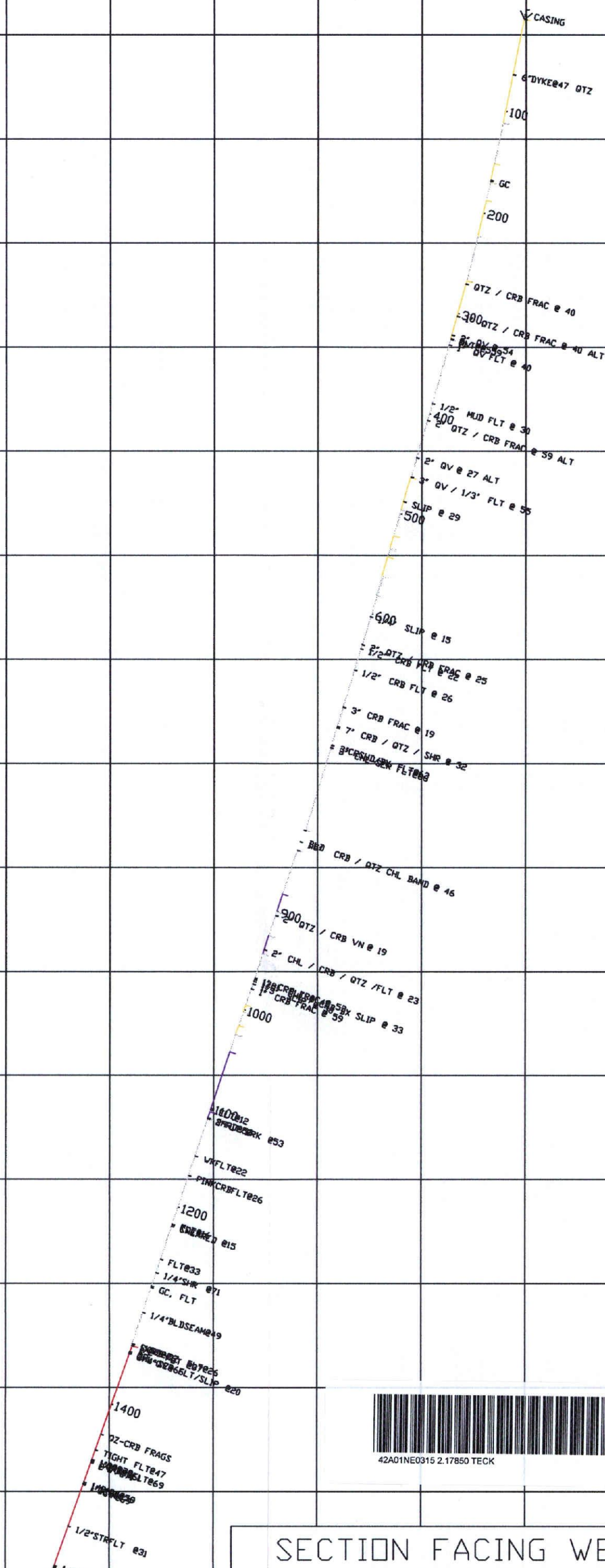
-1600EL

-1700EL

-1800EL

-1900EL

-2000EL



220

GEOLOGY LEGEND

- BASIC SYENITE
- CONGLOMERATE
- DYKE
- FELSIC SYENITE
- GREYWACKE
- PORPHYRY
- TRACHYTE
- TUFF

SECTION FACING WEST
DDH 97-1
DIP: -78 AZIMUTH: 346.5
LENGTH: 1640'
DRILLED ON CLAIM 6219

SYMBOLS

QTZ	QUARTZ
CRB	CARBONATE
CHL	CHLORITE
@40	ANGLE TO CORE AXIS
FLT	FAULT
BRK	BREAK
VN	VEIN
EOH	END OF HOLE
FRAC	FRACTURE

SCALE
100 FEET

KINROSS GOLD CORP.

KIRKLAND LAKE OPERATION

04ZONE

SECTION 53+00

SCALE	DRAWN	DATE	CHECKED
1:100	DATAMINE	12 AUG 97	