

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-01	14771.74	5923.43	10929.18	213.3	1/10/02	EZ Shot	BQ	P. Harvey	S	Hopson	1:11+30E, 1:20N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	250	-55	14771.74	5923.43	10929.18	
85.00	245	-55	14726.74	5904.79	10859.55	
210.00	250	-55	14660.56	5877.38	10757.16	

Mining Claim: 12579

Drill Contractor: NDS Drilling

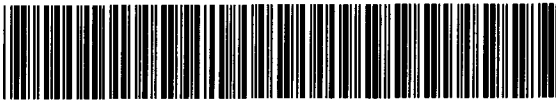
Storage Location of Core: N/A Whole Core Sampled

Signed by: Peter Harvey

Start Date	End Date
1/8/02	1/8/02

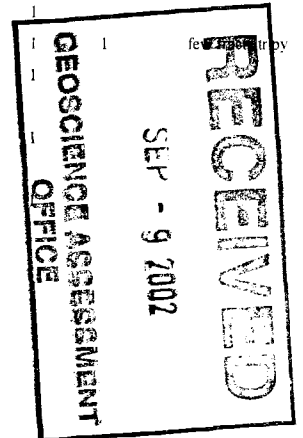
Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Fee		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	50.00	CAS			Casing in overburden, pulled and cemented	50.00	55.00	5.00	F22023	0.10				
50.00	73.00	2	95		carb altd var pill volc, few 1" white qtz veins at 50CA	55.00	60.00	5.00	F22024	0.22	1			1" qtz
73.00	150.80	10	80		Med gr magnetic diabase. fg chill margins, few blocky sections	60.00	65.00	5.00	F22025	0.21	1			1" qtz
150.80	167.00	1cb	90		mod cb alt, few talc stgrs, few qtz stgrs	65.00	70.00	5.00	F22026	0.28	1			inc 10" diab
167.00	171.00	8fp	90	30	stg altd, glassy, light brown, few fracts, tr qtz stgrs, tr py on contacts	70.00	73.00	3.00	F22027	0.03				
171.00	213.30	1cb	90		grey carb, weak fuch on margins of tr qtz stgrs, END	73.00	150.80	77.80						no samp
						150.80	155.00	4.20	F22028	0.10				
						155.00	159.00	4.00	F22029	0.55				
						159.00	164.00	5.00	F22030	0.21	1			
						164.00	167.00	3.00	F22031	0.01				
						167.00	171.00	4.00	F22032	0.08	1			
						171.00	176.00	5.00	F22033	0.01	1			
						176.00	181.00	5.00	F22034	0.01				
						181.00	186.00	5.00	F22035	0.01				
						186.00	191.00	5.00	F22036	0.01				
						191.00	196.00	5.00	F22037	0.01				
						196.00	201.00	5.00	F22038	0.03				
						201.00	206.00	5.00	F22039	0.01				
						206.00	213.30	7.30	F22040	0.02				

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-02	14797.97	5831.49	10929.81	203.4	1/9/02	EZ Shot	BQ	P Harvey	S	Hopson	L11+30E, 0+40N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	250	-45	14797.97	5831.49	10929.81	
75.00	253	-44	14747.26	5814.53	10877.24	
200.00	259	-44	14660.13	5792.81	10790.41	

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: Pete Harvey

Start Date	End Date
1/7/02	1/8/02

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
FROM	TO					FROM	TO							
0.00	53.00	CAS			Casing in overburden, pulled and cemented	102.50	105.00	2.50	F22001	0.17				
53.00	102.50	10	90		Med grained diabase, magnetic, 6" chill margin at 102.5	105.00	110.00	5.00	F22002	0.17				
102.50	126.50	1cb	85		Grey-brown carb, talc to 105,100-115 qfp?	110.00	115.00	5.00	F22003	2.08	2	1		qfp?
126.50	141.00	8fp	90		Light brown, locally fract w crossing qtz stgrs, tr diss py	115.00	120.00	5.00	F22004	0.33				
141.00	143.00	QV	90	0	0.5" qtz at OCA, diss py in wall	120.00	126.50	6.50	F22005	0.07				
143.00	203.40	1cb, fu	90		Brown-local weak fuch carb, bx text, cb stgrs. 1x0.5" flat qtz stgr at 189,END	126.50	129.00	2.50	F22006	0.22	2	1		qtz stgrs at OCA
						129.00	133.00	4.00	F22007	0.05	0	1		tr qtz stgrs
						133.00	137.00	4.00	F22008	0.21	0	1		tr qtz stgrs
						137.00	141.00	4.00	F22009	0.11	0	1		
						141.00	143.00	2.00	F22010	0.01	50	1		qtz stgr at OCA
						143.00	148.00	5.00	F22011	0.10				bn-fu cb
						148.00	153.00	5.00	F22012	0.01				bn-fu cb
						153.00	158.00	5.00	F22013	0.02				bn-fu cb
						158.00	163.00	5.00	F22014	0.01				bn-fu cb
						163.00	168.00	5.00	F22015	0.05				
						168.00	173.00	5.00	F22016	0.01				
						173.00	178.00	5.00	F22017	0.01				
						178.00	183.00	5.00	F22018	0.06				
						183.00	188.00	5.00	F22019	0.04				
						188.00	193.00	5.00	F22020	0.01				
						193.00	198.00	5.00	F22021	0.03				
						198.00	203.40	5.40	F22022	0.01				

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Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-03	14886.81	5981.63	10927.16	252.6	1/11/02	EZ Shot	BQ	P. Harvey	S	Hopson	1.12+S0E.1+20N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	250	-50	14886.81	5981.63	10927.16		1/8/02	1/9/02
75.00	246	-50	14842.14	5963.58	10869.71			
250.00	243	-52	14742.76	5916.25	10733.73			

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: Peter Harvey

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	43.00	CAS			Casing in overburden, pulled and cemented	43.00	46.00	3.00	F22041	0.01				tr cpy
43.00	66.00	lcb,tc	90		grey carb w talc umf sections	46.00	51.00	5.00	F22042	0.01				
66.00	91.00	lcb	90		prog stronger cb altd, patches fuch	51.00	56.00	5.00	F22043	0.02				
91.00	119.20	lfu	90		stg fuch to bright emerald green	56.00	61.00	5.00	F22044	0.38				
119.20	128.00	7bn	90	50	Rusty flat ? contacts, stockwork and folded grey veins w py margins, folded vein w vg at 123.9	61.00	66.00	5.00	F22045	0.02				
						66.00	71.00	5.00	F22046	0.04				
128.00	131.00	lfu	90		stg fuch	71.00	76.00	5.00	F22047	0.05				
131.00	151.00	lcb	90		stg cb altd grey carb	76.00	81.00	5.00	F22048	0.03				
151.00	252.60	ltc,cb	90		weak cb altd umf, few cb stgrs, minor flt at 160, END	81.00	86.00	5.00	F22049	0.04				
						86.00	91.00	5.00	F22050	0.04				
						91.00	96.00	5.00	F22051	0.06	1			
						96.00	101.00	5.00	F22052	0.02	2			
						101.00	106.00	5.00	F22053	0.03	1			
						106.00	111.00	5.00	F22054	0.04	1			
						111.00	116.00	5.00	F22055	0.03				
						116.00	119.20	3.20	F22056	0.05	1			
						119.20	121.50	2.30	F22057	3.60	5	3		2x1"qtz-py
						121.50	123.50	2.00	F22058	5.97	50	3		folded qv
						123.50	124.70	1.20	F22059	7.37	10	5		folded vein w v
						124.70	128.00	3.30	F22060	1.99	5	3		2x1" qtz-py
						128.00	131.00	3.00	F22061	0.04	1			glassy stg
						131.00	136.00	5.00	F22062	0.02				
						136.00	141.00	5.00	F22063	0.03				

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						141.00	146.00	5.00	F22064	0.04				
						146.00	151.00	5.00	F22065	0.04				
						151.00	156.00	5.00	F22066	0.02				

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-03	119.2	128	4.05					Main			

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
11P02-04	14912.16	5762.39	10930.53	203.4	1/11/02	EZ Shot	BQ	P. Harvey	S	Hopson	L12+00E, 0+70S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-50	14912.16	5762.39	10930.53		1/9/02	1/9/02
65.00	341	-50	14898.21	5801.77	10880.74			
200.00	343	-50	14871.40	5884.29	10777.32			

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: P. Harvey

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	38.00	CAS			Casing in overburden, cemented and pulled	38.00	41.70	3.70	F22067	0.05	1			
38.00	41.70	1fu	95		stg fuch umf	41.70	46.00	4.30	F22068	0.01	5			
41.70	54.70	8fp	90	60	glassy beige color, few qtz stgrs, sheeted veins w tr py at 51.0-54.7	46.00	50.00	4.00	F22069	0.03	5			
						50.00	54.70	4.70	F22070	0.10	10	1		
54.70	58.00	1fu	90		wedge of fuch carb	54.70	58.00	3.30	F22071	0.01				
58.00	67.00	8fp	90		as at 41.7, darker color, few mm glassy stockwork qtz stgrs, diss py, contacts 60,90CA	58.00	63.00	5.00	F22072	0.07	3	1		
						63.00	67.00	4.00	F22073	0.04	2	2		
67.00	92.30	1cb,tc	90		grey-brown carb, cb stgrs, bx text w talc sections	67.00	72.00	5.00	F22074	0.02				
92.30	105.00	8fp	95		grey matrix w 10% white mm felds phenos. silicified, tr qtz stgrs	72.00	77.00	5.00	F22075	0.01	1			
105.00	131.00	1cb	90		grey-brown carb	77.00	82.00	5.00	F22076	0.02				
131.00	142.00	8fp	95	60	as at 92.3 w patches salmon pink color, contacts par to fol in carb	82.00	87.00	5.00	F22077	0.01				
						87.00	92.30	5.30	F22078	0.01				
142.00	151.00	1cb	95		grey-brown carb	92.30	96.00	3.70	F22079	0.01	1	0		
151.00	157.80	8fp	95		grey fp as at 92.3	96.00	101.00	5.00	F22080	0.01	1	0		
157.80	199.60	2	90		chl-cb altd var pill volc, black color, talcy	101.00	105.00	4.00	F22081	0.07	1	0		
199.60	203.40	1cb,tc	90		carb umf w talc patches, END	105.00	110.00	5.00	F22082	0.02				
						110.00	115.00	5.00	F22083	0.01				
						115.00	120.00	5.00	F22084	0.01				
						120.00	126.00	6.00	F22085	0.01				
						126.00	131.00	5.00	F22086	0.01	1			
						131.00	132.40	1.40	F22087	0.01	5			0.5'qtz
						132.40	135.00	2.60	F22088	0.02	1	1		
						135.00	139.00	4.00	F22089	0.01	1	1		



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FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						139.00	142.00	3.00	F22090	0.01	1			
						142.00	147.00	5.00	F22091	0.03				
						147.00	151.00	4.00	F22092	0.01				
						151.00	154.00	3.00	F22093	0.03	1	1		
						154.00	157.80	3.80	F22094	0.01	1	1		
						157.80	163.00	5.20	F22095					



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030

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-05	14240.35	5682.09	10927.06	410.1	1/14/02	EZ Shot	BQ	P Harvey	S	Hopson	LS+50E.1+20N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-62	14240.35	5682.09	10927.06						
75.00	340	-62	14228.31	5715.18	10860.84						
400.00	341	-62	14177.38	5859.00	10573.88						

Mining Claim: 12579
 Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled
 Signed by: Peter Harvey

Start Date	End Date
1/9/02	1/10/02

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	38.50	CAS			Casing in overburden, pulled and hole cemented	38.50	42.50	4.00	F22096	0.02				
38.50	42.50	lcb	90		grey carb	42.50	48.00	5.50	F22097	0.43	1			1x0.5"sheeted ve
42.50	57.70	lfu	90		sig fuch, rusty sections common on faults at 30-50CA	48.00	53.00	5.00	F22098	0.07				
57.70	63.20	7bn	90	50	contacts irreg at 50CA in fuch, white sheeted 5 x 0.5"qtz at 50CA, clear qtz at 0CA	53.00	57.70	4.70	F22099	0.03				rusty flts
63.20	160.00	lfu	90		green carb, tr 50CA sheeted veins at 99-100,129-130, few rusty flts	57.70	63.20	5.50	F22100	0.17	5	1		
160.00	193.00	lcb	90		grey carb	63.20	66.00	2.80	F22101	0.03				
193.00	211.50	lfu	90		green carb w few rusty flts	66.00	70.00	4.00	F22102	0.03				
211.50	220.00	7bn	80	60	faulted contacts,sheeted and folded veins 1-3", vg in clear 340 vein at 212.2,5% diss py through zone	70.00	75.00	5.00	F22103	0.04				
220.00	236.00	lfu	90	60	milky white sheeted veins to 6". diss py, var ghosts	75.00	80.00	5.00	F22104	0.04				
236.00	246.00	lcb	90		grey-brown carb	80.00	85.00	5.00	F22105	0.07				
246.00	265.00	2cb,p	90		grey var pill volc	85.00	90.00	5.00	F22106	1.37				
265.00	287.00	lfu	90	60	few 1-2" sheeted qtz veins, gen perp to fol at 60CA	90.00	95.00	5.00	F22107	0.10				
287.00	336.70	lcb, fu	90	60	grey carb w sections weak fuch	95.00	99.00	4.00	F22108	0.03		0		tr py
336.70	346.20	8fp	90	60	dark grey fp w few sheeted veins w bleached margins, contacts par to fol	99.00	100.00	1.00	F22109	0.07	5			1"qtz-tm at 50C
346.20	374.40	lcb, fu	90	60	grey carb, typ bx textures	100.00	103.30	3.30	F22110	0.05		0		tr py
374.40	400.30	8fp	70	60	variable colored porp, grey/salmon, mixed w frags of carb rock, well fractured, qtz stgrs, py stgrs	103.30	106.50	3.20	F22111	0.26	2	1		qtz stgrs, py
400.30	410.10	lcb	90		grey carb, talcy, END	106.50	110.00	3.50	F22112	0.05	1			tr sheeted qtz
						110.00	115.00	5.00	F22113	0.12	1			tr sheeted qtz
						115.00	120.00	5.00	F22114	0.07				
						120.00	125.00	5.00	F22115	0.03				
						125.00	129.00	4.00	F22116	0.05	1			sheet qtz stgr
						129.00	130.00	1.00	F22117	0.17	10			qtz + qtz-tm
						130.00	135.00	5.00	F22118	0.07				

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						135.00	140.00	5.00	F22119	0.09				
						140.00	145.00	5.00	F22120	0.04				
						145.00	150.00	5.00	F22121	0.04				
						150.00	155.00	5.00	F22122	0.05	1			
						155.00	160.00	5.00	F22123	0.05				
						160.00	165.00	5.00	F22124	0.10				
						165.00	170.00	5.00	F22125	0.06				
						170.00	175.00	5.00	F22126	0.03				
						175.00	180.00	5.00	F22127	0.06				
						180.00	185.00	5.00	F22128	0.07				
						185.00	190.00	5.00	F22129	0.01				
						190.00	193.00	3.00	F22130	0.15				
						193.00	198.00	5.00	F22131	0.07	1			
						198.00	203.00	5.00	F22132	0.05	3	0		qtz flooding
						203.00	208.00	5.00	F22133	0.03	1			
						208.00	211.50	3.50	F22134	0.46	2			sheeted veins
						211.50	212.50	1.00	F22135	20.16	5	3		vg in 340 str
						212.50	216.00	3.50	F22136	34.15	30	5		f and s veins
						216.00	218.00	2.00	F22137	0.89	10	3		2x1" s veins
						218.00	220.00	2.00	F22138	23.42	10	3		FLT at 220
						220.00	223.00	3.00	F22139	0.44	5	1		2x0.5" s veins
						223.00	226.00	3.00	F22140	1.21	20	2		2x6" white s vei
						226.00	231.00	5.00	F22141	0.67	1	1		cg py
						231.00	236.00	5.00	F22142	0.05	1			
						236.00	241.00	5.00	F22143	0.01				
						241.00	246.00	5.00	F22144	0.03				
						246.00	251.00	5.00	F22145	0.02				
						251.00	256.00	5.00	F22146	0.43				
						256.00	261.00	5.00	F22147	0.16				
						261.00	265.00	4.00	F22148	0.01				
						265.00	271.00	6.00	F22149	0.01				
						271.00	276.50	5.50	F22150	0.04	3			3x0.5" s veins

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FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						276.50	282.00	5.50	F22151	0.09	2			s veins perp to f
						282.00	287.00	5.00	F22152	0.02	2			s vns perp to fo
						287.00	292.00	5.00	F22153	0.02	1			s vn perp to fol
						292.00	297.00	5.00	F22154	0.01				
						297.00	302.00	5.00	F22155	0.01				
						302.00	307.00	5.00	F22156	0.10				wk fu
						307.00	312.00	5.00	F22157	0.03	2			1x1" s vn
						312.00	317.00	5.00	F22158	0.01				
						317.00	322.00	5.00	F22159	0.03				
						322.00	327.00	5.00	F22160	0.14				
						327.00	332.00	5.00	F22161	0.01				
						332.00	336.70	4.70	F22162	0.05				
						336.70	341.20	4.50	F22163	0.15	2	0		
						341.20	346.20	5.00	F22164	0.13	5	1		qtz w bleached w
						346.20	350.00	3.80	F22165	0.03	2			1x1" qtz stgr
						350.00	355.00	5.00	F22166	0.05				
						355.00	360.00	5.00	F22167	0.01				
						360.00	365.00	5.00	F22168	0.03				
						365.00	370.00	5.00	F22169	0.01				
						370.00	374.40	4.40	F22170	0.04				
						374.40	379.00	4.60	F22171	1.92	3	1		py stgrs
						379.00	384.00	5.00	F22172	3.02	3	2		diss py.py stgr
						384.00	388.00	4.00	F22173	13.80	2	2		diss py.py stgr
						388.00	392.40	4.40	F22174	0.26	1	1		diss py
						392.40	396.20	3.80	F22175	0.17	2			FLT in carb roc
						396.20	400.30	4.10	F22176	0.28	1	2		diss py
						400.30	405.00	4.70	F22177	0.01				
						405.00	410.10	5.10	F22178	0.01				



42A10SW2029 2.24187

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040

Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-06	14240.35	5682.09	10927.06	311.7	1/15/02	EZ Shot	BQ	S. Harding	S	Hopson	L5+50E.1+20N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-87	14240.35	5682.09	10927.06		1/10/02	1/11/02
65.00	340	-87	14239.19	5685.29	10862.15			
300.00	340	-86	14234.28	5698.77	10627.60			

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *[Signature]*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	37.30	OB				0.00	37.30	37.30						OB
37.30	60.00	1fu	95	70	green,8% rusty flts,1-2% qs,tr py	37.30	40.00	2.70	F22179	2.19	3	1		
60.00	77.40	1cb,1fu	95	60	grey/green-green,12% 1fu,wk lim staining,1% qs	40.00	45.00	5.00	F22180	0.58	1	0		
77.40	80.20	1fu	90	60	green,30% lim,4% qs	45.00	50.00	5.00	F22181	0.48	0	0		
80.20	93.40	7bn,qs,Py	95	60	grey/brown,wk-mod se,rust flts at cnts,mn 1fu in lower 2',5% qs < 2" wide,5% py	50.00	55.00	5.00	F22182	4.53	7	1		qs's
93.40	116.60	1fu	95	60	green,12% rusty patches,2% qs < 2" wide	55.00	60.00	5.00	F22183	0.28	0	0		
116.60	120.00	7bn,qs,py	100	70	grey/brown,wk-mod se,7% qs/qas,5% py,loc tr cpy	60.00	65.00	5.00	F22184	0.52	1	0		
120.00	136.00	1fu	95	70	green-grey/green,mod-str fu,bx,10% rusty patches,tr-1% qs	65.00	70.00	5.00	F22185	0.01		0		
136.00	152.00	7bn,qs,Py	90	50	grey/brown,wk-mod se,10% qs < 1" wide at 5-70 deg tea,7% diss py,tr ga in 1 qs	70.00	75.00	5.00	F22186	0.03	6	0		
152.00	156.40	1fu	95	65	tr qs,mn lim,0.4' 7bn near end	75.00	78.00	3.00	F22187	0.08	1	0		
156.40	162.30	7bn,Py	90	60	grey-grey/brown,0.6' lim in middle,12% qs,5% py	78.00	80.20	2.20	F22188	0.07	4	0		
162.30	164.00	1fu	100	70	top cnt 60,lower cnt 40 deg tea	80.20	82.20	2.00	F22189	1.04	1	3		
164.00	165.10	7bn	100	70	1% qs,3% py	82.20	84.40	2.20	F22190	0.74	15	5		qs's
165.10	168.70	1fu,vg	100	65	lt green/motl in lower 3',tr lim,tr vg in tiny gy qs @ 168.4'	84.40	87.40	3.00	F22191	0.79	8	7		
168.70	177.50	7bn,vg,Py	95	50	grey-grey/brown,18% rust,rust at cnts,8% qs < 0.5" wide,8% py,tr cpy,tr vg in 3 qs throughout zone	87.40	90.40	3.00	F22192	0.28	12	3		qs's
177.50	207.00	1fu	95	70	green-grey/green,mod-str fuch,8% rusty flts in top 6',3% qs,tr py	90.40	93.40	3.00	F22193	0.96	4	3		
207.00	219.00	7bn,qs,PY	95	70	grey/brown,loc wk-mod se,12% qs < 1.5" wide,10% py,3.5" qv @ 211.2'	93.40	95.40	2.00	F22194	1.16	0	0		
219.00	234.70	1fu	95	70	mn lim,5% qs,gouge/rust at lower cnt	95.40	100.40	5.00	F22195	0.06	2	0		
						100.40	105.40	5.00	F22196	0.09	3	0		
						105.40	110.40	5.00	F22197	1.37	6	0		
						110.40	114.60	4.20	F22198	5.47	1	0		
						114.60	116.60	2.00	F22199	0.18	5	0		
						116.60	120.00	3.40	F22200	1.01	7	5		tr cpy 3

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
234.70	238.20	7bn.vg,Py	100	65	grey/tan.wk-mod se,mn lim at top.7% qs < 0.5" wide.9% py.tr vg in gy qs @ 236.2'	120.00	122.00	2.00	F22201	0.03	0	0		
238.20	244.50	1fu,7bn	90	70	lt green,10% lim,4% qs,mn gouge at lower cnt,1' 7bn w/ rust in middle	122.00	126.00	4.00	F22202	0.07	1	0		
244.50	252.00	7bn.se	90	65	grey/brown.wk-mod se,rusty in top 3',4% qs,5% py	126.00	130.00	4.00	F22203	0.08	0	0		
252.00	254.20	1fu	100	40	1% qs,top cnt 55,lower cnt 10 deg tca	130.00	134.00	4.00	F22204	0.22	2	0		
254.20	272.80	7bn,qs,Py	95	50	grey/brown.wk se,mn lim in lower half,7% qs,8% py,3" qv @ 255.9'	134.00	136.00	2.00	F22205	0.03		0		
272.80	311.70	1fu	100	65	green-grey/green at end,loc mn rust patches,2% qs up to 2" wide,loc tr cpy,EOH.	136.00	139.00	3.00	F22206	0.51	10	7		
						139.00	142.00	3.00	F22207	0.43	10	5		tr ga in qs
						142.00	144.00	2.00	F22208	5.97	13	7		qs's
						144.00	146.00	2.00	F22209	3.77	15	10		qs's
						146.00	149.00	3.00	F22210	0.67	1	8		
						149.00	152.00	3.00	F22211	6.45	12	7		
						152.00	154.00	2.00	F22212	0.15	2	0		
						154.00	156.40	2.40	F22213	0.19	1	0		0.4' 7bn
						156.40	159.30	2.90	F22214	0.13	18	4		qs's
						159.30	162.30	3.00	F22215	0.13	5	5		
						162.30	164.00	1.70	F22216	0.16		0		
						164.00	165.50	1.50	F22217	0.45	1	3		1' 7bn
						165.50	167.50	2.00	F22218	0.08	1	0		
						167.50	168.70	1.20	F22219	39.81	4	0		tr vg in qs
						168.70	170.70	2.00	F22220	3.91	4	8		vg in 2 qs's
						170.70	172.70	2.00	F22221	2.16	2	7		tr cpy
						172.70	174.70	2.00	F22222	4.63	15	8		tr vg in qs
						174.70	177.50	2.80	F22223	2.64	4	7		85% rust
						177.50	180.50	3.00	F22224	0.22	1	0		
						180.50	185.00	4.50	F22225	0.14	1	0		
						185.00	190.00	5.00	F22226	0.01	0	0		
						190.00	195.00	5.00	F22227	0.15	4	0		
						195.00	200.00	5.00	F22228	0.08	4	0		
						200.00	205.00	5.00	F22229	0.01	6	0		
						205.00	207.00	2.00	F22230	1.56	5	2		
						207.00	210.00	3.00	F22231	1.45	10	8		qs's
						210.00	213.00	3.00	F22232	6.34	20	10		3.5" qv

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						213.00	216.00	3.00	F22233	1.61	18	10		qs's
						216.00	219.00	3.00	F22234	4.66	8	7		
						219.00	221.00	2.00	F22235	0.99	5	1		
						221.00	225.00	4.00	F22236	0.69	3	0		
						225.00	228.70	3.70	F22237	1.58	10	1		qs's
						228.70	232.70	4.00	F22238	0.02	0	0		
						232.70	234.70	2.00	F22239	1.47	5	0		
						234.70	236.50	1.80	F22240	6.85	7	8		vg in qs
						236.50	238.20	1.70	F22241	1.10	7	10		
						238.20	241.50	3.30	F22242	0.51	6	1		1' 7bn
						241.50	244.50	3.00	F22243	0.03	0	0		
						244.50	248.50	4.00	F22244	0.99	3	4		70% rust
						248.50	252.00	3.50	F22245	0.30	5	6		
						252.00	254.20	2.20	F22246	0.07	1	1		
						254.20	257.20	3.00	F22247	0.91	18	8		3" qv
						257.20	260.20	3.00	F22248	0.30	8	8		
						260.20	263.20	3.00	F22249	1.10	7	8		
						263.20	266.20	3.00	F22250	0.41	7	8		20% rust
						266.20	269.80	3.60	F21001	0.69	6	7		30% rust
						269.80	272.80	3.00	F21002	1.36	5	7		
						272.80	274.80	2.00	F21003	0.46	2	0		tr cpy
						274.80	277.80	3.00	F21004	0.45	5	0		
						277.80	281.70	3.90	F21005	0.17	3	0		
						281.70	286.70	5.00	F21006	0.10	1	0		tr cpy
						286.70	291.70	5.00	F21007	0.15	2	0		
						291.70	296.70	5.00	F21008	0.16	3	0		
						296.70	301.70	5.00	F21009	0.17	3	0		2" qs
						301.70	306.70	5.00	F21010	0.19	2	0		
						306.70	311.70	5.00	F21011	0.04	2	0		EOH.



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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-07	14302.15	5536.78	10929.98	508.6	1/16/02	EZ Shot	BQ	S. Harding	S	Hopson	L5+50E.0+50S
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-60	14302.15	5536.78	10929.98		Mining Claim: 12579				
55.00	340	-60	14292.74	5562.62	10882.35		Drill Contractor: NDS Drilling				
250.00	341	-57	14258.78	5658.64	10716.14		Storage Location of Core: N/A Whole Core Sampled				
500.00	341	-56	14213.86	5789.10	10507.68		Signed by: <i>[Signature]</i>				

Start Date	End Date
1/11/02	1/14/02

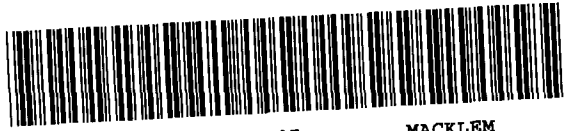
Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU/GT	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	19.00	OB				0.00	19.00	19.00						OB
19.00	55.00	2,m,ch,ca	95	70	dk green,wk perv ca,tr-1% qcs	19.00	111.00	92.00						
55.00	74.00	2,p,ch,ca	95	70	green,pil-pbx,wk perv ca,tr-1% qcs w/ ch incl	111.00	115.00	4.00	F21012	0.01	2	0		
74.00	107.80	2,m,ch,ca	100	60	green-grey/green,msv-loc mn bx,wk-mod perv ca,wk ak in lower 3',tr-1% qcs	115.00	118.00	3.00	F21013	0.01	0	0		
107.80	111.00	1cb,se	100	60	grey,wk se,tr fuch at end	118.00	120.00	2.00	F21014	0.02	2	0		
111.00	120.00	1fu	100	60	green-grey/green,mod-str fuch,tr-1% qs	120.00	122.00	2.00	F21015	5.69	22	3		tr vg in 1" qs
120.00	130.30	7bn,se,v,qs	95	70	grey/olive green,loc wk-mod se,rusty flt at lower cnt,15% qs,2% py,tr vg in 1.5" qs cutting top cnt	122.00	124.30	2.30	F21016	0.64	15	1		qs's
130.30	133.00	1fu	100	60	lt green,mod-str fuch,lim at top cnt	124.30	127.30	3.00	F21017	0.24	8	2		
133.00	151.60	1cb,ch	100	60	lt green,mod-str fuch,lim at top cnt	127.30	130.30	3.00	F21018	0.19	12	3		
151.60	165.00	2cb,m	95	65	grey/green,mod-str cb,wk ch,loc mn tc,tr fuch in top 1.5'	130.30	133.00	2.70	F21019	0.03		0		
165.00	175.00	1cb,ch	95	60	grey/green-dk green,wk ak,loc wk fuch,1.5' sil at top,tr qs	133.00	137.00	4.00	F21020	0.01	3	0		
175.00	189.20	2cb,m	100	60	grey/green,wk ch,mn lim	137.00	181.20	44.20						
189.20	191.20	2,m,Se,py	100	60	grey/green,wk-mod ak,msv-wkly bx,loc si/se,tr-1% qs	181.20	186.20	5.00	F21021	0.03	0	0		
191.20	196.30	7bn,se,v,gs	95	60	lt tan,mod se,wk ak at top,grad top cnt,0.5" qs at lower cnt,4% f-mg diss py at lower cnt	186.20	189.20	3.00	F21022	0.01	1	0		
196.30	198.50	2,m,Se	90	60	grey/olive green,wk-mod se,10% qs,6% py,loc tr cpy,tr vg in flat gy qs @ 195.2'	189.20	191.20	2.00	F21023	1.99	10	4		0.5" qs
198.50	209.00	1cb,fi	95	60	grey/olive green,wk-mod se,0.5' 1fu in top half,12% qs,3% py	191.20	193.70	2.50	F21024	0.18	12	6		tr cpy
209.00	212.60	7bn,se	100	50	grey/olive green,wk-mod se,0.5' 1fu in top half,12% qs,3% py	193.70	196.30	2.60	F21025	0.09	8	6		tr vg in qs
212.60	243.70	1cb	100	60	lt grey,mod se/bl,2% irr qs,2% py	196.30	198.50	2.20	F21026	0.57	2	1		
					grey-grey/green,loc wk-mod fuch,mn lim,tr qs	198.50	201.50	3.00	F21027	0.01		0		
					grey/olive green,wk-mod se,0.5' 1fu in top half,12% qs,3% py	201.50	206.50	5.00	F21028	0.02	0	0		
					grey,loc mn se/ch/lim,wk fuch in top 1',tr qas	206.50	209.00	2.50	F21029	0.04	1	0		
						209.00	210.30	1.30	F21030	0.01	0	1		40% 1fu

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
243.70	275.00	1fu, 1cb	100	60	green-grey/green, mod-str fuch, loc, 30% 1a w/ tr-wk	210.30	212.60	2.30	F21031	0.01	10	4		
					fuch, 15% rusty patches, rare qas/cpy	212.60	214.60	2.00	F21032	0.03		0		
275.00	339.70	1cb, sc, ch	100	60	grey/green, wk-mod ch, loc wk se, loc mn rusty patches	214.60	219.60	5.00	F21033	0.01		0		
					incl rusty flt at lower cnt	219.60	238.70	19.10						
339.70	354.30	1fu	95	60	lt green, 15% rusty patches, tr-1% qs	238.70	243.70	5.00	F21034	0.01	0	0		
354.30	362.50	7bn	100	60	grey/olive green, loc wk se, 2% qs, 1% qas, 3% py, loc tr cpy	243.70	246.70	3.00	F21035	0.03	2	0		
362.50	373.70	1fu	100	60	green-grey/green, mod-str fuch, tr lim, 2% qs	246.70	250.00	3.30	F21036	0.07		0		
373.70	374.40	QV, tm	95	40	msv wh QV, mn ak/fuch, 4% tm	250.00	255.00	5.00	F21037	0.10	1	0		
374.40	385.50	1fu	100	60	green-grey/green, 6% qs < 2" wide	255.00	260.00	5.00	F21038	0.12		0		
385.50	436.00	1cb, sc, ch	100	60	grey/green, wk se/ch, loc wk fuch, mn lim near end, tr qas/qs	260.00	265.00	5.00	F21039	0.07	0	0		
436.00	453.00	1fu	90	60	green-grey/green, mod-str fuch, grad cnts, 10% rusty	265.00	270.00	5.00	F21040	0.01	3	0		tr cpy
					patches, 3% qs	270.00	275.00	5.00	F21041	0.01		0		
453.00	472.00	1cb	90	60	grey-grey/green, loc mn fuch, 10% lim patches, tr qas	275.00	334.70	59.70				0		
472.00	478.30	2cb, m	100	60	grey/green-green, wk-mod ak, loc wk se, 2% qs, str sil/bl in	334.70	339.70	5.00	F21042	0.04		0		
					top 1.3'	339.70	344.70	5.00	F21043	0.17	1	0		
478.30	508.60	1tc, cb	95	60	dk grey, wk cb, loc wk ch, mn 1cb at top, sim flt at end, EOH.	344.70	349.30	4.60	F21044	0.23	2	0		
						349.30	352.30	3.00	F21045	0.25		0		
						352.30	354.30	2.00	F21046	0.02	4	0		
						354.30	356.80	2.50	F21047	0.18	5	3		tr cpy
						356.80	360.00	3.20	F21048	0.19	3	3		
						360.00	362.50	2.50	F21049	1.26	3	3		
						362.50	364.50	2.00	F21050	0.01		0		
						364.50	368.00	3.50	F21051	0.05	1	0		
						368.00	371.50	3.50	F21052	0.57	6	0		
						371.50	373.50	2.00	F21053	0.13	2	0		
						373.50	374.50	1.00	F21054	0.04	70	0		QV, tm
						374.50	376.50	2.00	F21055	0.01	6	0		
						376.50	381.50	5.00	F21056	0.50	8	1		qs's
						381.50	386.50	5.00	F21057	0.11	4	0		
						386.50	436.00	49.50						
						436.00	441.00	5.00	F21058	0.02	3	0		
						441.00	446.00	5.00	F21059	0.14	3	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						446.00	451.00	5.00	F21060	0.01	4	0		
						451.00	456.00	5.00	F21061	0.02	1	0		
						456.00	508.60	52.60						EOII.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-07	189.2	196.3	0.66					Main			



42A10SW2029

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Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-08	11160.21	5614.34	10927.4	380.6	1/17/02	EZ Shot	BQ	S. Harding	S	Hopson	4+50E.0+80N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-55	14160.21	5614.34	10927.40		1/15/02	1/15/02
75.00	343	-55	14146.56	5655.12	10865.96			
380.00	341	-53	14091.11	5825.55	10619.25			

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: Harding

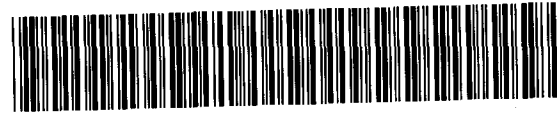
Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	45.30	OB				0.00	45.30	45.30						OB
45.30	45.80	1fu	60	50	green,40% rust	45.30	47.00	1.70	F21062	0.36	12	3		0.5' 1fu
45.80	47.00	7bn,qs,py	100	50	grey,mn rust at top,12% qs,5% py	47.00	47.90	0.90	F21063	0.01	5	0		0.5" qs
47.00	47.90	1fu,qs	100	50	green,0.5" qs/mn rust at top	47.90	50.90	3.00	F21064	1.93	6	4		
47.90	56.40	7bn	100	50	grey,loc wk se,mn rust at lower cnt,5% qs,3% py	50.90	53.40	2.50	F21065	1.75	8	5		qs's
56.40	57.20	1fu	90	50	msv,green,mn rust at top	53.40	56.40	3.00	F21066	0.41	2	0		
57.20	62.20	7bn	95	50	grey,20% wk rusty patches,2% qs,tr py	56.40	57.70	1.30	F21067	0.09	0	0		
62.20	89.60	1fu	95	50	green-lt green,motl sections w/ wk se,5% rusty patches,tr-1% qs/qas	57.70	59.70	2.00	F21068	0.16	5	1		
89.60	122.00	1cb	95	50	grey,tr fuch at margins,10% wk rusty patches	59.70	62.20	2.50	F21069	0.47	2	0		
122.00	125.20	1cb,fu	90	50	grey/green,wk fuch,70% rust incl lower cnt	62.20	64.20	2.00	F21070	0.54	1	0		
125.20	135.80	7bn	95	50	lt grey,15% rust incl cnts,3% qs,tr py	64.20	67.20	3.00	F21071	0.11	5	0		
135.80	143.20	1fu	100	50	green-grey/green,20% wk rusty patches,6% flat qs	67.20	70.20	3.00	F21072	0.27	4	0		
143.20	152.00	7bn	100	50	lt grey,mn rust in middle,3% flat qs,tr-1% py	70.20	74.60	4.40	F21073	0.17	1	0		
152.00	162.00	1fu	95	50	green,50% brown rusty patches,rust at lower cnt,1% qs	74.60	79.60	5.00	F21074	0.07		0		
162.00	169.60	7bn,qs,Py	90	50	grey,rust in top 1',15% qs <2" wide from 5-60 deg tca,8% diss py,mn gouge at lower cnt	79.60	84.60	5.00	F21075	0.09	0	0		
169.60	181.20	1fu	100	50	green,mn rusty patches,3% flat qs/qas	84.60	89.60	5.00	F21076	0.05	1	0		
181.20	181.50	QV,tm	100	45	msv wh QV,lim along cnts,tr tm,1% py in wallrock margins	89.60	94.60	5.00	F21077	0.03		0		
181.50	242.30	1fu,cb	100	50	grey/green-green,mod-str fuch w/ str fuch at margins,loc mn rusty patches,tr-1% qs/qas	94.60	99.60	5.00	F21078	0.04		0		
242.30	243.00	QV	40	50	msv wh QV,2% py along cnts	99.60	106.00	6.40	F21079	0.02	0	0		
243.00	245.40	1fu	80	50	green,motl,rust at lower cnt,0.3' 7bn near end,1" qs	106.00	112.00	6.00	F21080	0.02		0		
						112.00	117.00	5.00	F21081	0.02		0		
						117.00	122.00	5.00	F21082	0.03		0		
						122.00	125.20	3.20	F21083	0.01		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
245.40	256.20	7bn.qv.qs.Py	80	65	lt grey,20% rusty patches incl cnts.mn gouge/broken core at lower cnt.15% qv/qs < 4" wide,9% f-mg py	125.20	128.70	3.50	F21084	0.03	2	0		
256.20	277.50	1fu	100	50	green-grey/green at end,mod-str fuch,15% rusty patches,1% qs	128.70	132.30	3.60	F21085	0.08	3	0		
277.50	291.00	1cb	100	50	grey,loc mn fuch/rust	132.30	135.80	3.50	F21086	0.14	4	0		
291.00	313.00	1fu	95	50	green-grey/green,mod-str fuch,loc mn rusty patches,wk se at end,tr-1% qs	135.80	139.30	3.50	F21087	0.21	7	0		flat qs's
313.00	322.00	1cb,tc	90	50	dk grey,mod-str cb,tr fuch at top	139.30	143.20	3.90	F21088	0.58	6	0		flat qs's
322.00	323.20	2cb,m	100	50	dk green,wk-mod cb/lx	143.20	146.20	3.00	F21089	0.04	0	0		
323.20	351.00	1cb,tc	100	50	dk grey,mod cb	146.20	149.00	2.80	F21090	0.41	3	1		
351.00	369.60	1tc,cb	100	50	dk grey,wk cb,loc mn lt green talc	149.00	152.00	3.00	F21091	0.38	7	1		
369.60	376.20	8fp,cb	95	55	reddish grey/green,wk cb/hem,msv,chl incl,4% qs	152.00	155.00	3.00	F21092	0.46	2	0		
376.20	378.50	1tc,cb	100	50	as above	155.00	159.00	4.00	F21093	0.03	1	0		
378.50	380.60	8fp,cb	100	50	dk reddish/green-green.wk-mod cb,2% qcbs,E.O.H.	159.00	162.00	3.00	F21094	0.41	2	0		
						162.00	164.50	2.50	F21095	2.23	10	7		qs's
						164.50	167.00	2.50	F21096	4.18	20	8		qs's
						167.00	169.60	2.60	F21097	2.78	15	8		qs's
						169.60	171.60	2.00	F21098	1.37	4	0		flat qs
						171.60	176.60	5.00	F21099	0.23	5	0		flat qs
						176.60	181.00	4.40	F21100	0.52	1	0		
						181.00	182.00	1.00	F21101	6.76	40	3		QV,tm
						182.00	187.00	5.00	F21102	0.34	0	0		
						187.00	192.00	5.00	F21103	0.13	0	0		
						192.00	197.00	5.00	F21104	0.17	1	0		
						197.00	202.00	5.00	F21105	0.01		0		
						202.00	207.00	5.00	F21106	0.07	0	0		
						207.00	212.00	5.00	F21107	0.02	1	0		
						212.00	217.00	5.00	F21108	0.33	4	0		2" qs
						217.00	222.00	5.00	F21109	0.17		0		
						222.00	227.00	5.00	F21110	0.17	1	0		
						227.00	232.00	5.00	F21111	0.10		0		
						232.00	237.00	5.00	F21112	0.44	4	1		
						237.00	240.00	3.00	F21113	0.02	4	0		
						240.00	242.20	2.20	F21114	0.13	3	1		
						242.20	243.20	1.00	F21115	0.62	70	2		QV

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						243.20	245.40	2.20	F21116	2.47	5	1		
						245.40	247.40	2.00	F21117	9.39	20	8		3" qv.qs's
						247.40	250.80	3.40	F21118	8.30	15	10		3" qv.qs's
						250.80	254.20	3.40	F21119	2.19	8	10		qs's
						254.20	256.20	2.00	F21120	3.87	18	8		3.5" qv
						256.20	258.20	2.00	F21121	0.09	10	0		qs's
						258.20	261.20	3.00	F21122	0.01	3	0		
						261.20	265.00	3.80	F21123	0.04	1	0		
						265.00	269.00	4.00	F21124	0.12	1	0		
						269.00	274.00	5.00	F21125	0.02	2	0		
						274.00	279.00	5.00	F21126	0.05		0		
						279.00	284.00	5.00	F21127	0.05		0		
						284.00	289.00	5.00	F21128	0.01		0		
						289.00	294.00	5.00	F21129	0.01	2	0		
						294.00	299.00	5.00	F21130	0.02	2	0		
						299.00	304.00	5.00	F21131	0.07	1	0		
						304.00	309.00	5.00	F21132	0.01	3	0		
						309.00	313.00	4.00	F21133	0.23	2	0		
						313.00	318.00	5.00	F21134	0.01		0		
						318.00	366.00	48.00						
						366.00	369.60	3.60	F21135	0.01		0		
						369.60	372.90	3.30	F21136	0.01	4	0		8fp
						372.90	376.20	3.30	F21137	0.01	4	0		8fp
						376.20	378.50	2.30	F21138	0.01		0		
						378.50	380.60	2.10	F21139	0.01	2	0		8fp.FOH

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-08	245.4	256.2	5.76					Main			



42A10SW2029

2.24187

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054

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-09	14160.21	5614.34	10927.4	508.6	1/18/02	EZ Shot	BQ	S. Harding	S	Hopson	4+50E. 0+80N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	160	-85	14160.21	5614.34	10927.40						
95.00	138	-85	14163.18	5606.61	10832.76						
252.00	165	-86	14167.16	5594.98	10676.25						
508.00	169	-85	14171.60	5575.40	10421.05						

Mining Claim: 12579

Start Date	End Date
1/15/02	1/16/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Fee		WIDTH	SAMPLE #	AU/GT	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	41.60	OB				0.00	41.60	41.60						OB
41.60	50.00	1cb,tc	90	60	grey,mn rusty frags,wk tc	41.60	126.00	84.40						
50.00	61.40	1cb	95	60	grey/mn rusty frags	126.00	131.00	5.00	F21140	0.01		0		
61.40	62.50	2,m,ch	85	60	green,msv,mn rust at top cnt	131.00	136.00	5.00	F21141	0.01		0		
62.50	148.00	1cb	95	60	grey,10% wk rusty patches,rare qas	136.00	141.00	5.00	F21142	0.01		0	0	
148.00	151.70	7bn,se	80	45	grey-grey/olive green,loc wk se,rust at cnt/FZ.3% qs,1% py	141.00	146.00	5.00	F21143	0.01		0	0	
151.70	153.00	FZ	0	40	rusty,blocky core.wk gouge	148.00	150.30	2.30	F21145	0.18		7	2	
153.00	162.30	7bn	90	45	grey/loc mn se,3" 1fu frag @ 160.4,2% qs,tr-1% py,rare cpy	150.30	153.30	3.00	F21146	0.49		3	1	1.3' FZ
162.30	167.40	1cb,fu	95	70	grey/green,wk-mod fuch,mn rust,tr qas	153.30	156.30	3.00	F21147	0.08		1	1	
167.40	185.50	7bn,se	85	60	olive green/grey,loc wk-mod se,10% wk rusty patches,3% qs/qas,1-2% py	156.30	159.30	3.00	F21148	0.05		2	2	
185.50	188.80	1cb,fu	95	45	grey-grey/green,tr-wk fuch	159.30	162.30	3.00	F21149	0.01		3	0	
188.80	189.50	8fp,cb,ch	90	50	grey/green,wk-mod cb,wk ch	162.30	164.80	2.50	F21150	0.01		0	0	
189.50	198.50	1cb,fu	100	45	grey/green,wk-mod fuch,motl,tr qas	164.80	167.40	2.60	F21151	0.01			0	
198.50	225.30	7bn,se	95	50	grey-grey/olive green,loc wk-mod se,msv w/ loc bx sections,3% qs,2% py,rare cpy,tr vg in qs @ 214.5'	167.40	170.40	3.00	F21152	0.06		2	2	
225.30	227.70	1fu,se	100	45	grey-grey/olive green,loc wk-mod se,msv w/ loc bx sections,3% qs,2% py,rare cpy,tr vg in qs @ 214.5'	170.40	173.40	3.00	F21153	0.03		2	1	
227.70	242.40	7bn,se,qs	100	55	green-green/brown,loc wk-mod se,3% qs,2% py	173.40	176.40	3.00	F21154	0.02		1	1	
242.40	280.00	1cb	98	40	1fu frag @ 238.1',6% qs/qas < 1" wide,1% py	176.40	179.40	3.00	F21155	0.01		2	1	
					grey,mn grey/green at top,tr-wk fuch in top 3',wk ch,loc mn wk rusty patches.tr qas	179.40	182.40	3.00	F21156	0.01		7	1	
						182.40	185.50	3.10	F21157	0.01		4	2	
						185.50	187.50	2.00	F21158	0.01			0	
						187.50	192.50	5.00	F21159	0.01			0	0.7' 8fp

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
280.00	368.60	2,p,ch	98	65	dk green-grey/green,mn cb at top,wk perv ca,loc mn vars,tr qcs	192.50	196.50	4.00	F21160	0.01	0	0		
						196.50	198.50	2.00	F21161	0.02		0		
368.60	374.50	10	95	10	lt green-grey/green,finer grained.ep/se alt'n,5% tiny pk/wh qcbs,3% py,low angle cnts(10 deg tca)	198.50	201.50	3.00	F21162	0.17	3	3		
374.50	420.00	2,p,ch	100	65	dk green-grey/green,mn vars,wk perv ca,tr qcs	201.50	204.50	3.00	F21163	1.50	3	2		
420.00	435.00	2fu,p	100	65	grey/green,wk fuch/sc,mn vars,2% qs	204.50	207.50	3.00	F21164	0.24	4	1		
435.00	451.00	1fu	100	65	green,mafic/mn u.mafic,motl,mn pils,mn rust,2% qs	207.50	210.50	3.00	F21165	0.20	2	1		
451.00	451.50	2,qs,Vg	100	60	7 spks vg in 0.75" wh qs,diss py in wallrock	210.50	213.50	3.00	F21166	0.38	1	0		
451.50	458.30	1fu	95	65	green,mod-str fuch,1.3' rust at top,1-2% qs	213.50	215.50	2.00	F21167	1.91	5	2		vg in 1" qas
458.30	465.40	7bn,Se,qs	100	70	olive green,mod se,25% qv/qs < 0.5' wide,mn tm,3% py	215.50	218.50	3.00	F21168	1.27	4	2		
465.40	468.00	1fu	100	65	green,rust at end,tr qs,1% py	218.50	221.90	3.40	F21169	0.82	3	1		
468.00	476.00	1cb,fu	100	60	grey/green,tr-wk fuch,wk se,tr qas,0.8' 8fp? @ 472.7'	221.90	225.30	3.40	F21170	1.92	8	3		
476.00	487.00	1cb	100	60	grey-grey/green,wk se,mn lim at top	225.30	227.70	2.40	F21171	0.04	3	2		
487.00	508.60	1cb,tc	100	60	dk grey,wk tc,mn ch,EoII.	227.70	230.40	2.70	F21172	1.56	7	1		
						230.40	233.40	3.00	F21173	0.23	7	2		
						233.40	236.40	3.00	F21174	0.04	5	1		
						236.40	239.40	3.00	F21175	0.05	8	1		
						239.40	242.40	3.00	F21176	0.11	3	1		
						242.40	244.40	2.00	F21177	0.04	2	0		
						244.40	249.40	5.00	F21178	0.01		0		
						249.40	251.40	5.00	F21179	0.01	0	0		
						254.40	259.40	5.00	F21180	0.03	1	0		
						259.40	264.40	5.00	F21181	0.02		0		
						264.40	269.40	5.00	F21182	0.02		0		
						269.40	274.40	5.00	F21183	0.01		0		
						274.40	280.00	5.60	F21184	0.01	2	0		
						280.00	416.00	136.00						
						416.00	421.00	5.00	F21185	0.05	3	0		
						421.00	426.00	5.00	F21186	0.08	3	0		
						426.00	431.00	5.00	F21187	0.04	0	0		
						431.00	436.00	5.00	F21188	0.03	4	0		flat qs
						436.00	441.00	5.00	F21189	0.18	2	0		
						441.00	446.00	5.00	F21190	0.26	4	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						446.00	449.00	3.00	F21191	0.19	4	0		
						449.00	451.00	2.00	F21192	0.08	0	0		
						451.00	452.00	1.00	F21193	55.10	20	2		qs.Vg
						452.00	454.00	2.00	F21194	0.11	1	0		
						454.00	456.30	2.30	F21195	0.08		0		
						456.30	458.30	2.00	F21196	0.01	4	0		
						458.30	460.30	2.00	F21197	1.65	15	1		qs's
						460.30	463.40	3.10	F21198	0.83	18	3		qs's
						463.40	465.40	2.00	F21199	0.74	40	6		qv/qs
						465.40	467.40	2.00	F21200	0.31	1	1		
						467.40	471.40	4.00	F21201	16.82	1	0		
						471.40	476.40	5.00	F21202	0.03	0	0		0.8' 8ip
						476.40	481.40	5.00	F21203	0.10		0		
						481.40	486.40	5.00	F21204	0.04		0		
						486.40	508.60	22.20						EOH

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-09	153.3	162.3	0.05					Main			



42A10SW2029

2.24187

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056

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-10	14077.08	5561.78	10925.77	400.3	1/21/02	EZ Shot	BQ	S. Harding	S	Hopson	L3+50E,0+60N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-51	14077.08	5561.78	10925.77	
75.00	341	-52	14061.49	5605.79	10867.08	
400.00	339	-51	13992.27	5795.85	10612.74	

Mining Claim: 12579

Start Date	End Date
1/16/02	1/17/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *[Signature]*

Feet					REMARKS	Fee					% Qtz	% Py	% Aspy	Remarks	
FROM	TO	ROCK-TYPE	RQD	C.A.		FROM	TO	WIDTH	SAMPLE #	AU G/T					
0.00	46.20	OB				0.00	46.20	46.20							OB
46.20	62.70	1tc	95	60	grey-mn grey/green,tr-wk fuch in lower 2',20% wk-mod rusty patches	46.20	51.20	5.00	F21205	0.03	0	0			
62.70	69.00	7bn,se	95	40	grey/brown,loc wk se,rusty cnts,mn rust in middle,4% qs < 0.25" wide,3% py	51.20	56.20	5.00	F21206	0.04	0	0			
69.00	75.80	1fu	90	50	grey/green,mod-str fuch,30% rusty patches incl cnts,mn 7bn,1.5" qs at lower cnt	56.20	60.70	4.50	F21207	0.01	0	0			
75.80	83.60	7bn,se,qs	90	35	grey/olive green,wk se,rust at top cnt,40% predom flat qs,loc tr ga/tm in strgs,4% py	60.70	62.70	2.00	F21208	0.01	0	0			
83.60	85.00	1fu	100	50	green,tr tiny gy qs	62.70	65.70	3.00	F21209	0.31	5	2			
85.00	90.00	7bn,2,se	90	50	grey/olive green,wk se,rust at top cnt,40% predom flat qs,loc tr ga/tm in strgs,4% py	65.70	69.00	3.30	F21210	0.13	3	3			mn 7bn
90.00	101.00	2,p,Se,BI	95	50	grey/brown,mn rust,mod se/bl,2% qs,1% py	69.00	71.00	2.00	F21211	0.08	1	1			
101.00	143.70	2,p,se,ch	100	50	lt tan,mod-str se/bl,pil w/ mn pbx,mn rust,2% qs,tr py	71.00	73.80	2.80	F21212	0.01	0	0			1.5" qs
143.70	194.80	1cb	100	50	grey-gre/green,wk se,wk-mod se in top 4',wk cb in lower 10',loc wk ch,mn rust,0.4' qav w/ ch @ 103'	73.80	75.80	2.00	F21213	3.14	8	1			qs's
194.80	202.40	2cb,m	95	50	grey-gre/green,wk se,wk-mod se in top 4',wk cb in lower 10',loc wk ch,mn rust,0.4' qav w/ ch @ 103'	75.80	78.30	2.50	F21214	1.36	35	4			flat qs
202.40	205.30	1fu	100	50	grey-gre/green,wk se,wk-mod se in top 4',wk cb in lower 10',loc wk ch,mn rust,0.4' qav w/ ch @ 103'	78.30	81.10	2.80	F21215	0.68	35	5			flat qs
205.30	211.00	7bn	100	40	grey-gre/green,wk se,wk-mod se in top 4',wk cb in lower 10',loc wk ch,mn rust,0.4' qav w/ ch @ 103'	81.10	83.60	2.50	F21216	0.08	45	3			flat qs
211.00	211.20	FZ	0		grey-gre/green,wk se,wk-mod se in top 4',wk cb in lower 10',loc wk ch,mn rust,0.4' qav w/ ch @ 103'	83.60	85.00	1.40	F21217	0.08	0	0			
211.20	214.30	7bn	90	40	grey/green,wk ch,cb,tr fuch at end,mn rust	85.00	87.00	2.00	F21218	0.05	1	1			
214.30	230.00	1fu	100	50	grey/green,mod-str fuch,15% rust patches	87.00	90.00	3.00	F21219	1.97	2	2			
230.00	251.00	2cb,m,ch	100	50	lt grey-gre,mn se,40% rusty patches,rust at cnt,5% qs,tr py	90.00	93.00	3.00	F21220	0.01	2	1			
					broken core/mn gouge,rusty	93.00	97.00	4.00	F21221	0.19	2	0			
					lt grey,50% rusty,3" 1fu frag near end,5% qs,tr py	97.00	101.00	4.00	F21222	0.01	5	0			
					green,mn rusty patches,u.mafic/mafic,tr qs/qas,grad lower cnt	101.00	104.00	3.00	F21223	0.04	15	0			qav
					grey/green,wk cb/ch,loc wk se,tr fuch at grad cnts,tr qas	104.00	109.00	5.00	F21224	0.01	1	0			
						109.00	114.00	5.00	F21225	0.07	1	0			
						114.00	119.00	5.00	F21226	0.01	2	0			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
251.00	261.70	1fu.se	95	50	lt grey/green-green.mod fuch.wk se,modl.tr qs	119.00	184.80	65.80						
261.70	267.70	7bn.2,qs,py	100	50	lt grey/tan.mod-str se/bi,tr fuch,pil w/ wk vars,7% qs,5% py,loc tr cpy	184.80	189.80	5.00	F21227	0.02	1	0		
267.70	275.20	1fu	90	50	green.30% rusty patches,rust/blocky core at lower cnt,modl,6% qs w/ py at margins	189.80	194.80	5.00	F21228	0.01	1	0		
275.20	284.30	7bn.vg,qs,py	95	50	grey/brown,loc wk se,8-10% gy & wh qs < 1" wide,7% py,loc tr cpy,tr vg in 4 gy qs & 1 wh qs	194.80	199.80	5.00	F21229	0.06		0		
284.30	290.40	7bn,Se,qs,py	100	50	olive green,mod se,1' rust in middle mn rust at lower cnt,20% qs < 2" wide,6% py,loc tr cpy	199.80	203.30	3.50	F21230	0.17		0		
290.40	296.00	1fu	100	50	green-grey/green,mod-str fuch,60% rusty patches,0.5' 7bn in middle,1% qs	203.30	205.30	2.00	F21231	0.10	3	0		
296.00	318.00	1cb	100	50	grey-grey/green at top,tr fuch/wk se in top 5',tr qas	205.30	208.30	3.00	F21232	0.02	8	0		qs's
318.00	342.00	1cb,tc	100	50	dk grey,wk tc/ch	208.30	211.30	3.00	F21233	0.01	3	0		3" flt
342.00	344.60	2,ch.cb	100	50	green,wk cb	211.30	214.30	3.00	F21234	0.09	5	0		
344.60	353.50	1tc,cb	100	50	dk grey,wk-mod cb,wk ch	214.30	216.30	2.00	F21235	0.01	5	0		
353.50	356.50	2,1tc,cb	100	50	green-grey/green,wk-mod cb,1' 1tc at end	216.30	220.00	3.70	F21236	0.01	3	0		
356.50	359.40	8fp	100	60	reddish/brown/green.very hard,mod-str sil,frac.tr qcbs	220.00	225.00	5.00	F21237	0.09	2	0		
359.40	369.70	2cb,m	100	50	grey/green,wk-mod cb,1% qas	225.00	230.00	5.00	F21238	0.24	4	0		
369.70	400.30	1tc,cb	100	50	dk grey/green,wk-mod cb,wk ch,tr qas,E.O.H.	230.00	235.00	5.00	F21239	0.10	1	0		
						235.00	240.00	5.00	F21240	0.01	1	0		
						240.00	245.00	5.00	F21241	0.07	1	0		
						245.00	250.00	5.00	F21242	0.07	0	0		
						250.00	255.00	5.00	F21243	0.04		0		
						255.00	259.70	4.70	F21244	0.02	1	0		
						259.70	261.70	2.00	F21245	0.89	2	0		
						261.70	263.70	2.00	F21246	2.50	3	5		
						263.70	265.70	2.00	F21247	5.49	7	5		qs's
						265.70	267.70	2.00	F21248	1.68	12	3		qs's
						267.70	269.70	2.00	F21249	0.31	3	1		
						269.70	273.20	3.50	F21250	0.12	8	1		qs's
						273.20	275.20	2.00	F21251	0.54	3	1		
						275.20	277.20	2.00	F21252	6.98	10	8		vg in 3 qs
						277.20	279.20	2.00	F21253	3.15	4	4		
						279.20	281.20	2.00	F21254	2.13	8	8		tr vg in qs
						281.20	283.20	2.00	F21255	1.51	7	7		
						283.20	285.20	2.00	F21256	2.06	15	8		tr vg in 1" qs
						285.20	287.20	2.00	F21257	0.41	25	7		qs's

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						287.20	290.10	3.20	F21258	0.31	15	5		qs's
						290.40	292.40	2.00	F21259	0.05	3	0		
						292.40	295.40	3.00	F21260	0.05	2	0		
						295.40	298.40	3.00	F21261	0.05	5	0		1.5' qs
						298.40	303.40	5.00	F21262	0.01		0		
						303.40	308.40	5.00	F21263	0.08	0	0		
						308.40	313.40	5.00	F21264	0.03	0	0		
						313.40	353.50	40.10						
						353.50	356.50	3.00	F21265	0.05		0		2.1tc
						356.50	359.40	2.90	F21266	0.01	1	0		8fp
						359.40	362.40	3.00	F21267	0.06	1	0		
						362.40	400.30	37.90						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-10	275.2	285.2	3.17					Main			



42A10SW2029

2.24187

MACKLEM

058

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-11	14105	5505	10928	420	1/23/02	EZ Shot	BQ	S. Harding	S	Hopson	3+50E:0+15S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-51	14105.00	5505.00	10928.00	
95.00	342	-51	14085.54	5561.52	10854.17	
420.00	338	-50	14014.81	5755.63	10603.40	

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Start Date	End Date
1/17/02	1/18/02

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Fee		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks	
FROM	TO					FROM	TO								
0.00	50.00	OB				0.00	50.00	50.00							OB
50.00	94.40	2,p,bx,sc,ch	90	45	grey/tan/green,wk-mod se,ch stwk,loc wk cb,loc mn rusty patches,tr qs,sm flt @ 61.5'	50.00	125.30	75.30							
94.40	128.70	2,m,ch,se	100	45	grey/green,wk-mod ch,wk se/cb,loc mn rusty patches,tr-1% qcs	125.30	130.30	5.00	F21268	0.04	1	0			
128.70	144.30	2,p,se	95	45	grey/brown/green,wk se,loc wk ch,tr qs	130.30	135.30	5.00	F21269	0.01	2	0			
144.30	160.50	2,m,Se	95	50	grey/brown,mod se,loc wk cb,mn ch fracs,tr fuch,tr-1% qs/qcs	135.30	140.30	5.00	F21270	0.08	3	0			
160.50	176.60	7bn	100	50	grey/brown,0.5' rust @ 168',rust at lower cnt,2% qs,tr-1% py,loc tr cpy,tr vg in 2 qs @ 166.3'	140.30	144.30	4.00	F21271	0.01	4	0			
176.60	188.50	1cb,fu	95	50	grey-grey/green,loc tr-wk fuch,loc rust patches,tr qs	144.30	148.30	4.00	F21272	0.01	5	0			
188.50	194.90	1fu,cb	95	50	green-grey/green,mod-str fuch,tr qs,3" 7bn frag near end	148.30	151.50	3.20	F21273	0.01	3	0			
194.90	200.90	7bn,se	100	50	grey/brown,loc wk-mod se,mn rust at lower cnt,7% qs < 1.5" wide,loc tr tm,1% py	151.50	154.50	3.00	F21274	0.04	0	0			
200.90	215.80	1cb,fu	100	50	grey-grey/green,tr-wk fuch,mod fuch at margins,loc mn rust patches,tr qas/qs,rare py/cpy	154.50	157.50	3.00	F21275	0.31	2	1		tr cpy	
215.80	224.20	7bn,se	90	50	grey/olive green,loc wk-mod se,5% qs,3" qcs at lower cnt,1% py,loc tr cpy	157.50	160.50	3.00	F21276	0.04	5	0			
224.20	238.00	1cb,fu	95	50	grey/green,tr-wk fuch,mn se,tr qs	160.50	163.50	3.00	F21277	0.45	7	1		qs's	
238.00	251.80	1cb,se	100	50	grey-grey/brown,loc wk-mod se/tr fuch,tr qs/qas	163.50	165.50	2.00	F21278	1.78	6	2		tr cpy	
251.80	264.00	1fu	100	50	green,loc mn rusty patches,rust at lower cnt,3% qs < 1" wide,tr vg in 1" qs @ 259.7'	165.50	167.50	2.00	F21279	8.56	6	3		tr vg in 2 qs	
264.00	272.60	7bn,vg,qs,py	100	50	greyrust at cnts,9% qs,8% f-mg py,tr vg in 1.5" qs 50 tca @ 267.1',tr vg in 0.5" qs 60 tca @ 270.7'	167.50	169.50	2.00	F21280	0.36	2	0		0.5' rust	
						169.50	172.00	2.50	F21281	0.70	3	0			
						172.00	174.60	2.60	F21282	1.86	7	3			
						174.60	176.60	2.00	F21283	1.02	3	1			
						176.60	178.60	2.00	F21284	0.04	0	0			
						178.60	183.60	5.00	F21285	0.02	0	0			
						183.60	188.60	5.00	F21286	0.01	0	0			
						188.60	192.90	4.30	F21287	0.03	0	0			
						192.90	194.90	2.00	F21288	0.03	0	0			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
272.60	296.60	1fu	95	50	green,mod-str fuch,loc mn rust patches.2% qs,tr vg in 1.5" qs 60 tca @ 277.4'	194.90	196.90	2.00	F21289	0.21	8	3		
						196.90	198.90	2.00	F21290	0.01	10	0		qs's
296.60	356.00	2.m.ch.se	95	50	grey/green-green,wk-mod ch,loc wk se,wk fuch at margins,tr qs	198.90	200.90	2.00	F21291	0.03	4	0		
						200.90	202.90	2.00	F21292	0.01		0		
356.00	365.00	1fu	100	50	lt green,motl,tr-1% qs	202.90	206.90	4.00	F21293	0.01	0	0		
365.00	365.70	QV	80	35	approx 0.4' msv wh QV,mn tm,mn rust/py at cnts	206.90	210.40	3.50	F21294	0.01	1	0		
365.70	370.40	1fu	95	50	green,motl in top 1.7',u.mafic in lower 3',mn rust,tr qs	210.40	213.80	3.40	F21295	0.02	0	0		
370.40	376.20	7bn,Se	100	75	olive green/grey,mod se,tr fuch in lower 1.2',8% low angle qs,4% py	213.80	215.80	2.00	F21296	0.08	2	1		tr cpy
376.20	390.40	1fu	95	60	green,loc mn rust patches,0.4' qv @ 376.7',tr cpy in qs @ 380'	215.80	218.80	3.00	F21297	0.14	7	2		
						218.80	221.80	3.00	F21298	0.24	6	4		tr cpy
390.40	393.30	8fp,2se	100	50	grey,porph/mafic?,str sil in lower 0.6',mn ch,tr py	221.80	224.20	2.40	F21299	0.38	13	3		qs's
393.30	414.30	1cb,tc	100	50	grey,wk tc/ch,mn se at top	224.20	226.20	2.00	F21300	0.01	1	0		
414.30	420.00	2cb,m	100	50	grey-grey/green,wk-mod cb,mn ch.EOH.	226.20	231.00	4.80	F21301	0.02	1	0		
						231.00	236.00	5.00	F21302	0.21	1	0		
						236.00	241.00	5.00	F21303	0.03	0	0		
						241.00	246.00	5.00	F21304	0.03	0	0		
						246.00	251.00	5.00	F21305	0.03	1	0		
						251.00	254.00	3.00	F21306	0.03	3	0		
						254.00	257.00	3.00	F21307	0.05	3	0		
						257.00	259.50	2.50	F21308	0.03	3	0		
						259.50	261.50	2.00	F21309	6.17	4	1		tr vg in 1" qs
						261.50	264.00	2.50	F21310	0.06	2	0		
						264.00	266.00	2.00	F21311	12.12	10	7		qs's
						266.00	268.00	2.00	F21312	28.80	12	8		tr vg in 1.5" qs
						268.00	270.30	2.30	F21313	27.76	8	8		qs's
						270.30	272.60	2.30	F21314	11.27	7	8		tr vg in 0.5" qs
						272.60	274.60	2.00	F21315	0.05	0	0		
						274.60	276.60	2.00	F21316	0.02	1	0		
						276.60	278.60	2.00	F21317	1.08	7	1		tr vg in 1.5" qs
						278.60	281.60	3.00	F21318	0.09	0	0		
						281.60	286.60	5.00	F21319	0.03	1	0		
						286.60	291.60	5.00	F21320	0.04	4	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
291.60	296.60					291.60	296.60	5.00	F21321	0.03	3	0		
296.60	301.60					296.60	301.60	5.00	F21322	0.01	1	0		
301.60	306.60					301.60	306.60	5.00	F21323	0.03	2	0		
306.60	311.60					306.60	311.60	5.00	F21324	0.01	5	0		3" qs
311.60	316.60					311.60	316.60	5.00	F21325	0.01		0		
316.60	321.00					316.60	321.00	4.40	F21938	0.03	2	0		
321.00	326.00					321.00	326.00	5.00	F21939	0.01	2	0		
326.00	331.00					326.00	331.00	5.00	F21940	0.01	0	0		
331.00	336.00					331.00	336.00	5.00	F21941	0.01	2	0		
336.00	341.00					336.00	341.00	5.00	F21942	0.03	0	0		
341.00	346.00					341.00	346.00	5.00	F21943	0.02		0		
346.00	351.00					346.00	351.00	5.00	F21326	0.05	2	0		
351.00	356.00					351.00	356.00	5.00	F21327	0.01	0	0		
356.00	361.00					356.00	361.00	5.00	F21328	0.01	0	0		
361.00	364.80					361.00	364.80	3.80	F21329	0.66	1	1		
364.80	366.00					364.80	366.00	1.20	F21330	2.99	50	1		QV.fm
366.00	368.40					366.00	368.40	2.40	F21331	0.65	1	0		
368.40	370.40					368.40	370.40	2.00	F21332	0.20	10	1		flat qs
370.40	373.40					370.40	373.40	3.00	F21333	0.29	8	3		qs's
373.40	376.20					373.40	376.20	2.80	F21334	0.44	8	5		qs's
376.20	378.20					376.20	378.20	2.00	F21335	0.29	25	0		0.4' qv
378.20	381.20					378.20	381.20	3.00	F21336	0.05	10	0		qs.cpy
381.20	386.20					381.20	386.20	5.00	F21337	0.04	2	0		
386.20	390.40					386.20	390.40	4.20	F21338	0.04	3	0		
390.40	393.30					390.40	393.30	2.90	F21339	0.06	2	0		
393.30	398.30					393.30	398.30	5.00	F21340	0.01		0		
398.30	420.00					398.30	420.00	21.70						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-11	259.5	272.6	14.05					Main			



42A10SW2029

2.24187

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060

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-12	14125.54	5445.67	10928.07	501	1/24/02	EZ Shot	BQ	S. Harding	S	Hopson	3+50E.0+60S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-60	14125.54	5445.67	10928.07		1/18/02	1/21/02
85.00	340	-62	14111.45	5484.39	10853.74			
290.00	343	-62	14080.92	5575.62	10672.73			
500.00	345	-63	14054.17	5668.81	10486.47			

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	51.50	OB				0.00	51.50	51.50						OB
51.50	70.00	2fc,m,ch	90	55	green-grey/green,wk-mod ch/lx,loc wk se,loc wk rust patches,tr qs	51.50	56.50	5.00	F21341	0.01	4	0		
70.00	72.30	2bl	65	55	lt tan/grey,mod se/bl,3% rust,0.4' 7bn at top,4% qs,2% py	61.50	66.50	5.00	F21343	0.03	0	0		
72.30	81.20	7bn,se	80	60	grey-grey/olive green,loc wk se,10% rust incl cnts,7% qs < 1.5" wide,2% py	66.50	70.00	3.50	F21344	0.02	3	1		
81.20	90.00	2fc,m,l,x	70	60	grey/green,mod-str lx,wk ch/se,80% rust,tr-1% qs,sm flts @ 84 & 88.2'	70.00	72.30	2.30	F21345	0.05	4	2		
90.00	103.00	7bn,2	80	60	grey/brown,7bn w/ mafic tex,loc wk se,30% rusty patches,rust at top cnt,8% qs < 2" wide,2% py	72.30	75.30	3.00	F21346	0.02	7	2		
103.00	104.00	FZ	0		blocky/broken core,mn gouge,rusty	75.30	78.20	2.90	F21347	0.08	8	2		
104.00	123.00	2bl	80	60	grey/green,msv-wkly pil,loc wk-mod se,10% rust,3% qs,3% py,loc tr cpy	78.20	81.20	3.00	F21348	0.03	7	1		
123.00	165.00	2,m,ch	90	60	dk green,msv,1% qcs/ca strgrs	81.20	83.20	2.00	F21349	0.43	2	0		
165.00	200.70	2cb,m	95	60	grey/green,vwk-wk ak,wk ch,loc mn rusty frags,1% qs/qas,sm flt @ 181.5'	83.20	88.00	4.80	F21350	1.64	1	0		
200.70	205.50	2,p,bx,se,ch	95	60	dk green,msv,1% qcs/ca strgrs	88.00	90.00	2.00	F21351	0.36	3	1		
205.50	217.50	2,p,BI	95	60	grey/green,vwk-wk ak,wk ch,loc mn rusty frags,1% qs/qas,sm flt @ 181.5'	90.00	93.00	3.00	F21352	1.11	15	2		qs's
217.50	230.50	2,p,BI,vg	95	60	grey/brown/green,loc wk-mod se,wk ch stwk,3% qs,tr py	93.00	96.00	3.00	F21353	0.07	7	2		
230.50	264.00	2,p,BI	95	50	tan,wk se,mod-str bl,pil-mn pbx,20% rusty patches,2% qs,1% py	96.00	99.00	3.00	F21354	0.44	4	3		
264.00	264.40	FZ	0	20	tan,grey,mod-str bl,wk se,10% qs < 1.5" wide,4% py,loc tr cpy,tr vg in 4 tiny gy qs at 50 deg tea	99.00	102.00	3.00	F21355	0.19	7	2		
264.40	267.50	2,p,BI	80	50	tan/grey,loc wk se,mod-str bl,loc mn rust,2% qs,1-2% py	102.00	105.00	3.00	F21356	3.45	13	3		1' FZ
					rusty flt,mn gouge	105.00	108.00	3.00	F21357	0.76	3	5		tr cpy
					as above,rusty	108.00	111.00	3.00	F21358	0.24	3	3		
						111.00	115.00	4.00	F21359	0.15	5	4		tr cpy
						115.00	119.00	4.00	F21360	0.02	1	1		
						119.00	123.00	4.00	F21361	0.01	5	1		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
267.50	270.50	7bn.se	90	50	lt olive green/grey,wk se,rusty margins,8% qs,2% py	123.00	128.00	5.00	F21362	0.01	0	0		
270.50	293.20	2.p,Bl	100	50	tan/grey-grey,mod-str bl,loc mn se/ch,loc pbx,2% qs,tr-1% py,0.7' 1fu @ 289.2',1' 1fu at lower cnt	128.00	133.00	5.00	F21363	0.02	1	0		
293.20	300.20	7bn.se	100	70	olive green/grey,loc wk-mod se,12% qs < 2" wide predom < 30 deg tca,3% py,loc tr cpy	133.00	138.00	5.00	F21364	0.01	3	0		
300.20	301.00	2.p,Bl	100	70	grey,wk se,5% qs,3% py	138.00	143.00	5.00	F21945	0.07	2	0		
301.00	302.40	1fu	100	70	mod-str fuch,2% gy qs	143.00	148.00	5.00	F21946	0.01	0	0		
302.40	306.00	7bn.se	100	70	olive green/grey,wk-mod se,7% qs,2% py,loc tr cpy/ga	148.00	153.00	5.00	F21947	0.01	0	0		
306.00	318.00	1cb,fu	95	70	grey-grey/green,tr-wk fuch,loc mn rust patches,1% qs,tm in 1" qs @ 314'	153.00	158.00	5.00	F21948	0.01	0	0		
318.00	320.30	1fu	80	70	green,mod-str fuch,70% rust,tr qs	158.00	163.00	5.00	F21949	0.01	0	0		
320.30	320.60	FZ	0		rusty flt	163.00	168.00	5.00	F21950	0.01	0	0		
320.60	326.50	1fu	90	70	green,20% rust patches,4% qs	168.00	173.00	5.00	F21951	0.01	0	0		
326.50	326.80	QV,tm	100	60	msv wh QV,10% black tm	173.00	178.00	5.00	F21952	0.01	2	0		
326.80	334.40	1fu	100	70	green,5% qs,loc tr tm	178.00	183.00	5.00	F21953	0.02	2	0		
334.40	346.00	2.p,Bl	100	70	tan/grey,mod-str bl,1' rust @ 340',6% qs,3% py,loc tr cpy/tm	183.00	187.00	4.00	F21954	0.01	0	0		
346.00	366.20	2.p,bl,se	100	70	tan/grey,wk se/bl,wk ch stvk,mn pbx,4% qs,tr-1% py,tr vfg vg in tiny qs @ 357.2 & 362.1'	187.00	191.00	4.00	F21955	0.01	0	0		
366.20	404.00	1fu,qs	95	70	lt green,mod,mn mbx,8% qs < 4" wide,1% py,loc tr cpy,tr vg in tiny qs @ 372' & flat qs @ 396.5'	191.00	196.00	5.00	F21364	0.01	2	0		
404.00	417.00	1fu,mbx	100	70	green-grey/green,mod-str fuch,loc rust patches,3% qs	196.00	201.00	5.00	F21365	0.05	3	0		
417.00	418.20	FZ,1fu	0		blocky,mn gouge,rusty	201.00	205.50	4.50	F21366	0.01	3	0		
418.20	419.20	FZ,LC			approx location of lost core	205.50	208.50	3.00	F21367	0.96	2	1		
419.20	423.00	FZ,7bn	0	70	blocky/broken core,mn gouge,rusty,8% frac qs,2% py	208.50	211.50	3.00	F21368	1.16	3	0		
423.00	440.00	1fu	90	70	green,40% rusty patches,2% qs,sm flts @ 426.5 & 437'	211.50	214.50	3.00	F21369	0.23	2	2		
440.00	455.00	1cb,se	100	70	grey/brown,wk-mod se,loc tr-wk fuch	214.50	217.50	3.00	F21370	0.03	2	1		
455.00	463.00	1fu	100	70	grey/green-green,mod-str fuch,1% qs	217.50	219.50	2.00	F21371	0.39	10	2		
463.00	468.80	1cb,se	100	70	grey/brown,wk-mod se,tr fuch,tr qs	219.50	221.50	2.00	F21372	3.35	20	4		vg in 2 qs
468.80	480.00	2,m,ch,cb	90	70	dk grey/green,wk-mod ch,wk cb,wk se in top 3',sm flt @ 475.5'	221.50	223.50	2.00	F21373	15.94	7	4		tr cpy
480.00	496.00	1cb,tc	95	70	dk grey/green,wk tc/ch,mod ch,tr qas,increasing tc downhole	223.50	225.50	2.00	F21374	7.20	10	4		vg in qs
496.00	501.00	8fp	90	60	grey/green-salmon coloured,mod fracs,tr-1% qs,EOH.	225.50	227.50	2.00	F21375	9.71	25	6		vg in qs

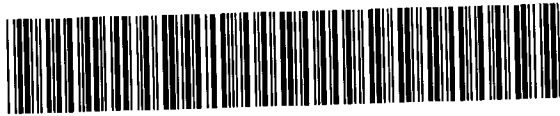
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						243.50	246.50	3.00	F21382	0.03	1	1		
						246.50	249.50	3.00	F21383	0.46	2	1		
						249.50	252.50	3.00	F21384	5.49	13	4		flat qs
						252.50	255.50	3.00	F21385	1.85	3	3		
						255.50	258.50	3.00	F21386	0.05	1	0		
						258.50	261.50	3.00	F21387	0.16	1	1		
						261.50	264.50	3.00	F21388	0.19	3	0		
						264.50	267.50	3.00	F21389	0.47	3	1		
						267.50	270.50	3.00	F21390	0.61	8	2		
						270.50	273.50	3.00	F21391	0.14	1	0		
						273.50	277.50	4.00	F21392	0.92	2	0		
						277.50	281.50	4.00	F21393	0.04	1	0		
						281.50	285.50	4.00	F21394	0.01	2	0		
						285.50	289.60	4.10	F21395	0.02	1	0		
						289.60	293.20	3.60	F21396	0.37	4	2		
						293.20	295.70	2.50	F21397	0.65	20	3		qs's
						295.70	298.50	2.80	F21398	12.59	8	3		
						298.50	301.00	2.50	F21399	0.75	10	4		0.8' mvo
						301.00	302.40	1.40	F21400	0.13	2	0		
						302.40	306.00	3.60	F21401	0.34	7	2		tr cpy/ga
						306.00	308.00	2.00	F21402	0.02		0		
						308.00	313.00	5.00	F21403	1.13	2	0		1.5" qs
						313.00	318.00	5.00	F21404	0.24	2	0		
						318.00	323.00	5.00	F21405	0.02	3	0		
						323.00	326.40	3.40	F21406	0.03	6	0		
						326.40	328.40	2.00	F21407	0.55	20	0		4" QV,tm
						328.40	332.40	4.00	F21408	0.65	6	0		
						332.40	334.40	2.00	F21409	0.03	4	0		
						334.40	336.40	2.00	F21410	0.25	7	1		
						336.40	338.40	2.00	F21411	9.60	10	5		tr cpy/tm
						338.40	340.40	2.00	F21412	7.78	6	7		
						340.40	342.40	2.00	F21413	0.18	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
342.40	346.00					342.40	346.00	3.60	F21414	0.59	3	1		
346.00	350.00					346.00	350.00	4.00	F21415	0.03	1	0		
350.00	354.00					350.00	354.00	4.00	F21416	0.01	4	0		
354.00	357.00					354.00	357.00	3.00	F21417	0.01	1	0		
357.00	359.00					357.00	359.00	2.00	F21418	0.67	7	1		tr vg in qs
359.00	361.00					359.00	361.00	2.00	F21419	0.43	7	0		
361.00	363.00					361.00	363.00	2.00	F21420	1.68	3	1		tr vg in qs
363.00	366.20					363.00	366.20	3.20	F21421	0.87	1	0		
366.20	369.20					366.20	369.20	3.00	F21422	0.14	10	0		3.5" qs
369.20	371.20					369.20	371.20	2.00	F21423	0.04	1	0		
371.20	373.20					371.20	373.20	2.00	F21424	0.84	1	0		vg in qs
373.20	375.20					373.20	375.20	2.00	F21425	0.27		0		
375.20	378.20					375.20	378.20	3.00	F21426	0.20	8	0		2.5" qs
378.20	381.20					378.20	381.20	3.00	F21427	2.95	6	1		tr cpy
381.20	384.20					381.20	384.20	3.00	F21428	1.06	6	1		tr cpy
384.20	387.20					384.20	387.20	3.00	F21429	0.38	8	2		
387.20	390.20					387.20	390.20	3.00	F21430	0.79	10	1		
390.20	393.20					390.20	393.20	3.00	F21431	1.75	13	1		
393.20	395.50					393.20	395.50	2.30	F21432	0.31	17	1		qs's
395.50	398.20					395.50	398.20	2.70	F21433	5.28	17	3		vg.flat qs
398.20	401.20					398.20	401.20	3.00	F21434	0.75	8	0		
401.20	404.20					401.20	404.20	3.00	F21435	0.05	3	0		
404.20	409.20					404.20	409.20	5.00	F21436	0.02	4	0		
409.20	414.20					409.20	414.20	5.00	F21437	0.02	2	0		
414.20	418.20					414.20	418.20	4.00	F21438	0.14	2	0		1.2' FZ
418.20	419.20					418.20	419.20	1.00						I.C.FZ
419.20	423.00					419.20	423.00	3.80	F21439	0.49	8	2		FZ
423.00	426.00					423.00	426.00	3.00	F21440	0.10	3	0		
426.00	430.00					426.00	430.00	4.00	F21441	0.02	1	0		
430.00	435.00					430.00	435.00	5.00	F21442	0.03	4	0		
435.00	440.00					435.00	440.00	5.00	F21443	0.06	0	0		
440.00	445.00					440.00	445.00	5.00	F21444	0.04		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						445.00	450.00	5.00	F21445	0.02	0	0		
						450.00	455.00	5.00	F21446	0.05		0		
						455.00	459.00	4.00	F21447	0.21	2	0		
						459.00	463.00	4.00	F21448	0.06	3	0		
						463.00	468.80	5.80	F21449	0.04	0	0		
						468.80	473.80	5.00	F21450	0.05	0	0		
						473.80	491.00	17.20						
						491.00	496.00	5.00	F21451	0.01		0		
						496.00	501.00	5.00	F21452	0.01	1	0		EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-12	249.5	255.5	3.67					Main			



42A10SW2029

2.24187

MACKLEM

062

Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-13	14090.15	5403.39	10928.83	557	1/25/02	EZ Shot	BQ	S Harding	S	Hopson	L3+00,-0+90S
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-58	14090.13	5403.39	10928.83						
13.00	337	-58	14087.61	5410.00	10917.81						
270.00	341	-59	14039.45	5535.26	10698.69						
550.00	343	-59	13994.90	5672.39	10458.68						

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Start Date	End Date
1/21/02	1/23/02

Signed by: *M. Harding*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	22.60	OB				0.00	22.60	22.60						OB
22.60	41.00	2fe,m,ch	95	30	green-grey/green,wk-mod ch,mod-str lx,tr qcs	22.60	136.70	114.10						
41.00	68.00	2fe,m,ch,se	100	30	grey/green,loc wk-mod se,wk ch,mod-str lx,msv-wkly pil,1% qs	136.70	141.70	5.00	F21453	0.06	2	0		0.4' Ft
68.00	108.70	2fe,m,ch	95	30	green,mod lx,loc mn rusty patches,1% qs/qcs,sm flt @ 82.5'	141.70	146.70	5.00	F21454	0.09	3	0		
108.70	109.20	FZ	0	40	blocky/broken core,mn gouge	146.70	149.70	3.00	F21455	0.01	2	2		
109.20	118.70	2fe,m,ch,ak	70	30	grey/green,wk-mod ch/lx,wk ak,2.3' rust at end,tr qs	149.70	152.70	3.00	F21456	0.01	6	3		
118.70	120.40	FZ	0	15	broken core/gouge,rusty	152.70	155.70	3.00	F21457	0.03	8	1		
120.40	140.00	2fe,m,ch,ak	80	50	grey/green,wk ak,wk-mod ch/lx,25% rust at top/bottom,tr qs	155.70	158.70	3.00	F21458	0.01	4	1		
140.00	140.40	FZ	0	20	blocky/mn gouge,rusty	158.70	162.70	4.00	F21459	0.02	1	0		
140.40	149.70	2fe,m,ch,se	90	50	grey/green,loc wk-mod se,mod-str lx,tr-1% qs	162.70	166.70	4.00	F21460	0.02	0	0		
149.70	162.70	2Bl	100	50	grey/brown,loc wk-str se/bl,tr fuch spks,5% qs,1% py	166.70	171.70	5.00	F21461	0.03	1	0		
162.70	187.50	2fe,ch,se,ak	95	50	grey/green,loc wk se,wk-mod ak/lx,1-2% qs,tr py	171.70	176.70	5.00	F21462	0.01	3	0		
187.50	203.50	7bn,2	95	50	grey/brown,mafic tex at top grading to msv bn ch,loc mn rust,2% qs,tr-1% py,3" qv @ 192.5'	176.70	181.70	5.00	F21463	0.03	1	0		
203.50	213.00	7bn,2,vg	95	50	grey/brown,5% qs < 1" wide,3% py,tr cpy,mn vg w/ cpy in flat qs @ 204.5',tr vg in qs 45 tca @ 210'	181.70	185.50	3.80	F21464	0.01	3	0		
213.00	229.80	7bn,2	70	50	grey/brown,mafic tex in lower 5',40% rust patches,5% qs,1-2% py	185.50	187.50	2.00	F21465	0.01	1	0		
229.80	235.00	2,p,bx,se	100	60	grey/brown,wk-mod se/bl,wk ch stwk,1% qs	187.50	191.50	4.00	F21466	0.67	3	1		
235.00	311.40	2,p,bx,ch	100	60	green-grey/green,pbx/bx,wk ch in lower 10',1% qcs	191.50	194.50	3.00	F21467	0.13	10	0		3" qv
						194.50	198.50	4.00	F21468	0.07	0	0		
						198.50	201.50	3.00	F21469	0.05	1	1		
						201.50	203.50	2.00	F21470	0.17	3	1		
						203.50	205.50	2.00	F21471	5.13	8	4		vg,cpy in qs
						205.50	207.50	2.00	F21472	1.08	3	2		tr cpy

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
311.40	320.70	2fe.m.ch.cb	100	60	green-grey/green.wk cb,wk se in lower 3',tr qs	207.50	209.50	2.00	F21473	1.85	2	2		
320.70	324.20	7bn.se	95	65	olive green/grey wk se,mn rust,8% qs/qcbs,2% py	209.50	211.50	2.00	F21474	6.04	6	4		vg in qs
324.20	336.00	2,p,bx.cb.ch	95	60	grey/green,wk cb/se/ch,pbx/pil,mn rust,tr qs w/ ch	211.50	213.50	2.00	F21475	1.19	4	4		
336.00	338.40	2,p,bx,BI	100	60	tan/grey,mod-str bl,2% qs,2% py,1" gas at lower cnt	213.50	215.50	2.00	F21476	0.40	4	0		
338.40	339.50	1fu	80	60	lt green,motl,1" qs,broken core w/ qs/mn rust at lower cnt	215.50	218.50	3.00	F21477	0.58	4	0		
339.50	350.40	7bn.qs	95	60	grey.loc wk se,5% rust,0.6' rusty 1fu @ 347',8% qs < 1.5" wide at predom 45 deg tca,3% py,loc tr ga	218.50	220.50	2.00	F21478	4.77	8	6		
						220.50	223.50	3.00	F21479	1.71	6	1		2" qs
350.40	352.20	1cb,fu	100	60	grey/green,mod-wk fuch	223.50	226.50	3.00	F21480	0.40	2	0		
352.20	393.00	1cb	100	60	grey,mn rusty patches,tr fuch at margins,tr gas	226.50	229.80	3.30	F21481	11.20	3	1		
393.00	405.40	1cb,fu	100	60	grey/green,tr-wk fuch,mn rust,tr-1% qcbs,smsv black tm in 1.5" qs @ 401.5'	229.80	234.00	4.20	F21482	0.01	1	0		
405.40	410.40	1cb	100	60	grey,tr fuch	234.00	239.00	5.00	F21483	0.01	2	0		
410.40	420.90	7bn,2.vg	100	60	grey/brown,mn se/fuch frag,12% qs,4% py,tr cpy,tr vg in qs @ 415.4',mn vg/tm in flat qs @ 418-419.5'	239.00	244.00	5.00	F21484	0.01	2	0		
						244.00	249.00	5.00	F21485	0.01	0	0		
420.90	422.80	1fu	95	60	green-grey/green,mod-str fuch,1% qs	249.00	254.00	5.00	F21532	0.01	0	0		
422.80	429.00	7bn.se.qs	100	60	olive green/grey,wk-mod se,18% qs < 1.5" wide,loc tr tm,3% py,tr vg in 0.5" qs 15 deg tca @ 425.5'	254.00	259.00	5.00	F21533	0.01	0	0		
						259.00	264.00	5.00	F21534	0.01	0	0		
429.00	439.20	1fu	100	60	green,mn rust,0.7' 7bn @ 434.4'	264.00	269.00	5.00	F21535	0.01		0		
439.20	439.60	QV,tm	80	50	3.5" msv wh QV,5% tm,rust at cnts	269.00	274.00	5.00	F21536	0.02	2	0		
439.60	445.30	1fu	90	60	green,0.4' rust at end,tr qs	274.00	279.00	5.00	F21537	0.01	1	0		
445.30	446.10	QV,tm	80	30	msv wh QV,1% tm,rust at cnts	279.00	284.00	5.00	F21538	0.01	1	0		
446.10	458.00	1fu	100	60	green-grey/green,mod-str fuch,mn rust patches,tr qs	284.00	289.00	5.00	F21539	0.03	0	0		
458.00	466.00	1cb,fu	90	60	grey/green,tr-wk fuch,mn rust	289.00	294.00	5.00	F21540	0.01		0		
466.00	480.00	1cb,se	100	60	grey/brown.wk se	294.00	299.00	5.00	F21541	0.01	0	0		
480.00	497.00	1cb,tc	100	60	dk grey,wk tc/ch	299.00	304.00	5.00	F21542	0.01	1	0		
497.00	543.60	1tc,cb,cb	100	60	dk grey/green,wk-mod cb,wk ch	304.00	308.70	4.70	F21543	0.01	1	0		
543.60	547.00	2cb,m	100	60	dk reddish/green,wk-mod cb,wk hem?	308.70	313.70	5.00	F21486	0.01	2	0		
547.00	557.00	1tc,cb	100	60	dk grey/green,wk cb/ch,EOH.	313.70	318.70	5.00	F21487	0.01		0		
						318.70	320.70	2.00	F21488	0.03	1	0		
						320.70	324.20	3.50	F21489	0.78	8	2		
						324.20	326.20	2.00	F21490	0.01	0	0		
						326.20	330.00	3.80	F21491	0.01	0	0		
						330.00	334.00	4.00	F21492	0.04	0	0		

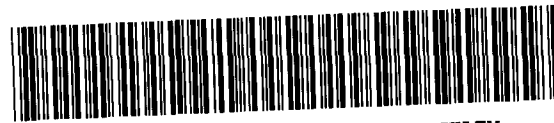
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
334.00	336.00					334.00	336.00	2.00	F21493	0.02	0	0		
336.00	338.40					336.00	338.40	2.40	F21494	0.70	7	2		
338.40	339.50					338.40	339.50	1.10	F21495	0.64	10	0		
339.50	341.50					339.50	341.50	2.00	F21496	0.09	15	3		qs's
341.50	343.50					341.50	343.50	2.00	F21497	0.49	8	3		tr ga
343.50	345.50					343.50	345.50	2.00	F21498	0.10	12	3		
345.50	348.40					345.50	348.40	2.90	F21499	0.05	5	2		0.6' 1fu
348.40	350.40					348.40	350.40	2.00	F21500	0.27	2	3		
350.40	352.40					350.40	352.40	2.00	F21501	0.05	0	0		
352.40	355.40					352.40	355.40	3.00	F21502	0.01		0		
355.40	360.40					355.40	360.40	5.00	F21503	0.01		0		
360.40	365.40					360.40	365.40	5.00	F21504	0.13		0		
365.40	385.40					365.40	385.40	20.00						
385.40	390.40					385.40	390.40	5.00	F21505	0.04		0		
390.40	395.40					390.40	395.40	5.00	F21506	0.02	0	0		
395.40	400.40					395.40	400.40	5.00	F21507	0.10	1	0		
400.40	405.40					400.40	405.40	5.00	F21508	0.25	3	0		1.5" qs.tn
405.40	408.40					405.40	408.40	3.00	F21509	0.07	0	0		
408.40	410.40					408.40	410.40	2.00	F21510	0.01	0	0		
410.40	412.50					410.40	412.50	2.10	F21511	0.02	0	1		
412.50	414.50					412.50	414.50	2.00	F21512	0.86	5	1		
414.50	416.00					414.50	416.00	1.50	F21513	4.35	8	4		vg in qs.cpy
416.00	418.00					416.00	418.00	2.00	F21514	10.97	7	5		
418.00	419.50					418.00	419.50	1.50	F21515	46.36	25	12		mn vg.flat qs
419.50	420.90					419.50	420.90	1.40	F21516	1.99	4	3		
420.90	422.80					420.90	422.80	1.90	F21517	0.54	1	0		
422.80	424.80					422.80	424.80	2.00	F21518	0.25	15	2		qs's/stwk
424.80	426.80					424.80	426.80	2.00	F21519	0.46	22	3		vg.flat qs
426.80	429.00					426.80	429.00	2.20	F21520	0.16	20	4		qs's
429.00	432.00					429.00	432.00	3.00	F21521	0.02	0	0		
432.00	435.00					432.00	435.00	3.00	F21522	0.20	2	2		0.7' 7bn
435.00	439.00					435.00	439.00	4.00	F21523	0.27	1	0		

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FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						439.00	440.00	1.00	F21524	0.08	35	0		QV.tn
						440.00	443.00	3.00	F21525	0.06	2	0		
						443.00	446.50	1.50	F21526	0.06	50	0		QV.tn
						446.50	450.50	4.00	F21527	0.17	2	0		
						450.50	455.50	5.00	F21528	0.06		0		
						455.50	460.50	5.00	F21529	0.04	0	0		
						460.50	465.50	5.00	F21530	0.03	0	0		
						465.50	470.50	5.00	F21531	0.02		0		
						470.50	557.00	86.50						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-13	269	279	0.01					Main			



42A10SW2029

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064

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-14	14181	5180	10930	705.4	1/28/02	EZ Shot	BQ	S. Harding	S	Hopson	1.3+00E, 3+30S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-50	14181.00	5180.00	10930.00	
55.00	341	-51	14169.32	5212.97	10887.56	
350.00	344	-51	14113.51	5389.97	10658.30	
700.00	344	-51	14052.80	5601.70	10386.30	

Mining Claim: 12579, 12679

Start Date	End Date
1/23/02	1/24/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

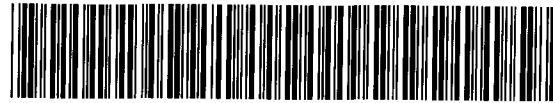
Signed by: *S. Harding*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qz	% Py	% Aspy	Remarks
0.00	13.80	OB				0.00	13.80	13.80						OB
13.80	92.00	2fe.m,cb	95	60	green-grey/green,wk-mod vfg lx,msv-wkly pil,mn vars,tr qcs	13.80	175.00	161.20						
92.00	130.00	1tc,cb,ca	100	60	dk grey/green,wk ch/ca,tr qcs	175.00	180.00	5.00	F21544	0.45	10	0		flat qcs
130.00	158.70	1tc,cb	100	60	grey/green,wk cb/ch,mn rust,tr qas	180.00	185.00	5.00	F21545	0.36	0	0		
158.70	165.00	2bl	100	50	grey/green,wk-mod cb,wk se/ch,msv/motl	185.00	190.00	5.00	F21546	0.06	0	0		
165.00	172.00	1cb,2e,se	100	50	olive green/grey,wk se/ch,mn mafic patches,tr qas	190.00	195.00	5.00	F21547	0.02	1	0		
172.00	188.00	2cb,m	95	50	grey/green,wk-mod cb/lx,loc mn rust,1" qcs w/ tr tm 10 deg tca @ 175.5'	195.00	200.00	5.00	F21548	0.03	5	0		qs's
188.00	195.00	2bl	95	50	lt grey/green,wk-mod se,loc wk fuch,mod lx,10% rust,tr-1% qs	200.00	205.00	5.00	F21549	0.48	1	0		
195.00	240.00	1cb,se,fu	95	50	lt grey/green,wk-mod se,loc wk fuch,mod lx,10% rust,tr-1% qs	205.00	209.50	4.50	F21550	0.12	2	0		
240.00	290.00	1cb	100	50	lt grey/green,wk-mod se,loc wk fuch,mod lx,10% rust,tr-1% qs	209.50	211.50	2.00	F21551	0.01	15	0		1.5" qs,tm
290.00	326.00	1cb,tc	100	50	grey/brown-grey/green,wk se,loc wk-mod fuch,loc mn rust patches,tr-1% qs,1.5" qs w/ tr tm @ 211'	211.50	216.00	4.50	F21552	0.02	1	0		
326.00	352.50	2fe,m,cb,cb	100	50	grey-mn grey/brown,wk se in top 12',loc mn rust patches,rare qs	216.00	221.00	5.00	F21553	0.01	4	0		
352.50	357.70	1fu	95	50	grey-mod cb,wk tc,mn ch,mbx	221.00	226.00	5.00	F21554	0.23	1	0		
357.70	369.20	2se,fu	90	50	grey/mod cb,wk tc,mn ch,mbx	226.00	231.00	5.00	F21555	0.04	2	0		
369.20	379.90	1cb,fb	100	50	grey/green,wk cb,loc wk-str lx,tr-1% qas,mn rust,wk-mod se in lower 1.5'	231.00	236.00	5.00	F21556	0.11				
379.90	382.50	7bn,se	100	50	lt green,mod-str fuch,0.6' rust @ 355',tr qs	236.00	241.00	5.00	F21557	0.01	0			
					lt grey/green,motl,wk se,loc wk-mod fuch,0.8' rust @ 367'	241.00	344.40	103.40						
					lt grey/green,motl,wk se,loc wk-mod fuch,0.8' rust @ 367'	344.40	349.40	5.00	F21558	0.02	0	0		
					lt grey/green,wk fuch/se,tr-1% qs,mn rust at lower cnt	349.40	352.40	3.00	F21559	0.01	0	0		
					olive green/grey,wk-mod se,mn wk rust,rust at cnts,5% qs,3% py	352.40	356.00	3.60	F21560	0.05	3	0		
						356.00	359.20	3.20	F21561	0.08	0	0		
						359.20	364.20	5.00	F21562	0.15	0			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
382.50	405.00	lcb	80	50	grey-mn grey/green,tr-wk fuch at margins.35% wk rust patches.0.5' 7bn @ 401.5'	364.20	369.20	5.00	F21563	0.07	1	0		
						369.20	375.20	4.00	F21561	0.08	3	0		
405.00	411.90	lcb,fu	90	50	grey/green,tr-mod fuch at end,10% rust,tr qs	373.20	377.60	4.40	F21565	0.10	0	0		
411.90	416.20	7bn,se,qs	95	50	olive green/grey,10% qs at 30 deg tca,loc tr tm,3% py	377.60	379.60	2.00	F21566	0.01	1	0		
416.20	422.20	l fu	95	50	lt green,mod-str fuch,motl,mn rust in centre,3% qs,broken core at lower cnt	379.60	382.50	2.90	F21567	0.41	5	3		
						382.50	384.50	2.00	F21568	0.03	0	0		
422.20	426.80	7bn,Se	90	40	olive green/grey,mod se,7% qs,2% py	384.50	389.50	5.00	F21569	0.01	0	0		
426.80	429.80	FLT,lcb,fu	60	40	grey/green,wk fuch,sm fits w/ gouge @ 426.9,428.5 & 429.8'	389.50	394.50	5.00	F21570	0.02	0	0		
429.80	443.20	lcb,fu	90	40	grey-grey/green,tr-wk fuch,1' rust @ 435'	394.50	399.50	5.00	F21571	0.01		0		
443.20	445.60	7bn,Bl	80	40	lt grey,mod bl,mn cb/se,8% qs,tr py	399.50	403.50	4.00	F21572	0.02	1	0		0.5' 7bn
445.60	447.60	7bn,Se,qs	100	50	olive green/grey,mod se,mn rust at lower cnt,20% qs,4% py,tr cpy	403.50	407.00	3.50	F21573	0.01		0		
						407.00	409.90	2.90	F21574	0.26	5	0		
447.60	450.60	l fu,7bn	85	45	green,mod-str fuch,mn rust at top,5% qs,0.4' 7bn in middle	409.90	411.90	2.00	F21575	0.13		1		
						411.90	413.90	2.00	F21576	0.72	10	2		qs's
450.60	486.00	7bn,Bl	95	50	lt grey-grey/olive green,mod bl,loc wk se,frac,8% qs,2% py,loc tr cpy/tm,tr vg in qs @ 453.6 & 468.5	413.90	416.20	2.30	F21577	0.82	12	4		qs's
						416.20	419.20	3.00	F21578	0.07	5	0		
486.00	494.00	lcb,fu	90	50	grey/green,tr-wk fuch,mn se,tr qas,tr gouge at top cnt	419.20	422.20	3.00	F21579	0.06	1	0		
494.00	494.50	8fp	80	50	grey,wk cb,mn se/ch	422.20	424.50	2.30	F21580	0.37	10	2		qs's
494.50	499.00	l fu,qs	95	50	green,mod-str fuch,loc mn se,tr vg in flat gy qs @ 495',5% tm in 1.5" wh qs 30 deg tca @ 498'	424.50	426.80	2.30	F21581	0.16	5	3		
499.00	508.00	lcb,fu	95	50	grey-grey/green,loc tr-wk fuch,mn se,tr qs	426.80	428.80	2.00	F21582	0.03	3	0		2 x flts
508.00	514.30	l fu	100	50	green,4% low angle (10-20 deg) qs < 0.5" wide	428.80	432.80	4.00	F21583	0.01	2	0		flt at top
514.30	521.40	7bn,se,qs	95	50	olive green/grey,wk-mod se,15% qs < 0.5" wide 5 & 50 deg tca,4% py,tr vg in 0.25" qs @ 514.5'	432.80	437.20	4.40	F21584	0.01		0		
						437.20	441.20	4.00	F21585	0.03		0		
521.40	523.40	l fu,cb	90	50	grey/green,wk-mod fuch,cnts at 50 deg tca,tr qs	441.20	443.20	2.00	F21586	0.04		0		
523.40	528.20	7bn,se	95	50	olive green/grey,wk se,2% qs,2% py,loc tr cpy	443.20	445.60	2.40	F21587	0.21	8	0		
528.20	556.00	lcb	100	50	grey-grey/brown,wk-mod se in lower 5',mn tc/ch	445.60	447.60	2.00	F21588	0.31	20	4		qs's
556.00	563.00	lcb,fu	90	50	grey/green,tr-mod fuch,3% qs	447.60	450.60	3.00	F21589	0.49	5	1		
563.00	565.00	2,p,Bl	100	60	tan,wk-mod bl,4% qs,1% py,tr cpy	450.60	452.60	2.00	F21590	1.13	5	1		tr cpy
565.00	576.40	2,p,ch,cb	100	60	grey/green,grad cnts,wk se at cnts,wkly pil-msv,1% qs	452.60	454.60	2.00	F21591	3.27	5	2		tr vg
576.40	579.90	2,p,Bl	100	60	tan,mod-str bl,wk cb,1% qs,1% py	454.60	456.60	2.00	F21592	0.48	15	4		qs's
579.90	588.70	l fu	95	60	lt green-green,motl/mbx,mod-str fuch,loc mn rust,2% qs	456.60	459.60	3.00	F21593	1.10	10	4		
588.70	594.80	7bn,se,qs	100	60	olive green/grey,wk-mod se,18% qs < 1" wide 5-60 deg tca,8% py,tr vg in 1" qs 5 deg tca @ 591.6'	459.60	462.60	3.00	F21594	0.38	12	3		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
594.80	601.00	l fu	90	60	green-grey/green.mod-str fuch.15% rust patches.5% low angle qs	462.60	465.60	3.00	F21595	0.42	17	1		qs's
						465.60	467.60	2.00	F21596	0.76	3	2		tr cpy
601.00	608.00	lcb,fu	80	60	grey/green,tr-wk fuch.20% rust patches	467.60	469.60	2.00	F21597	2.02	12	2		tr vg
608.00	628.00	lcb,tc	100	60	dk grey,mn ch,tr qas	469.60	471.60	2.00	F21598	1.37	12	4		
628.00	705.40	ltc,cb	100	60	dk grey-grey/green.wk cb,mn ch,EOII.	471.60	474.00	2.40	F21599	1.51	13	3		tr cpy
						474.00	477.00	3.00	F21600	0.08	2	0		
						477.00	480.00	3.00	F21601	1.17	3	0		tr cpy
						480.00	483.00	3.00	F21602	0.04	2	0		
						483.00	486.00	3.00	F21603	0.51	2	0		
						486.00	488.00	2.00	F21604	0.15	3	0		
						488.00	492.00	4.00	F21605	0.04	1	0		
						492.00	494.50	2.50	F21606	0.02	0	0		0.5' 8fp
						494.50	496.00	1.50	F21607	1.49	12	0		vg.flat qs
						496.00	499.00	3.00	F21608	0.25	12	0		1.5" qs.tn
						499.00	504.00	5.00	F21609	0.02		0		
						504.00	508.30	4.30	F21610	0.44	1	0		
						508.30	512.30	4.00	F21611	0.38	2	0		
						512.30	514.30	2.00	F21612	0.25	8	0		flat qs
						514.30	516.30	2.00	F21613	0.83	12	4		vg in qs
						516.30	518.30	2.00	F21614	0.07	3	5		
						518.30	521.40	3.10	F21615	0.16	25	4		flat qs
						521.40	523.40	2.00	F21616	0.03	0	0		
						523.40	525.80	2.40	F21617	0.17	1	3		
						525.80	528.20	2.40	F21618	0.05	4	2		tr cpy
						528.20	530.20	2.00	F21619	0.03		0		
						530.20	535.20	5.00	F21620	0.05		0		
						535.20	540.20	5.00	F21621	0.02		0		
						540.20	546.00	5.80	F21622	0.02		0		
						546.00	551.00	5.00	F21623	0.03		0		
						551.00	556.00	5.00	F21624	0.02	1	0		
						556.00	560.00	4.00	F21625	0.08	5	0		
						560.00	563.00	3.00	F21626	0.01	1	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						563.00	565.00	2.00	F21627	0.44	4	1		
						565.00	569.00	4.00	F21628	0.01	2	0		
						569.00	573.00	4.00	F21629	0.01	2	0		
						573.00	576.40	3.40	F21630	0.02	0	0		
						576.40	579.90	3.50	F21631	0.75	1	1		
						579.90	583.30	3.40	F21632	0.05	15	0		
						583.30	586.70	3.40	F21633	0.12	1	0		
						586.70	588.70	2.00	F21634	0.50	4	0		
						588.70	590.70	2.00	F21635	3.29	25	10		qs's
						590.70	592.70	2.00	F21636	7.46	18	7		tr vg.flat qs
						592.70	594.80	2.10	F21637	1.23	10	7		
						594.80	596.80	2.00	F21638	0.06	0	0		
						596.80	600.00	3.20	F21639	0.13	8	0		flat qs
						600.00	604.00	4.00	F21640	0.19	5	0		flat qs
						604.00	608.00	4.00	F21641	0.10	2	0		
						608.00	613.00	5.00	F21642	0.01		0		
						613.00	618.00	5.00	F21643	0.01		0		
						618.00	623.00	5.00	F21644	0.01		0		
						623.00	705.40	82.40						EOH.



42A10SW2029

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066

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-15	11354	5688	10930	508.6	1/29/02	EZ Shot	BQ	S. Harding	S	Hopson	L6+50E, 0+70N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-62	14354.00	5688.00	10930.00	
95.00	345	-62	14340.60	5730.50	10846.12	
250.00	345	-62	14321.77	5800.78	10709.26	
500.00	345	-62	14291.39	5914.15	10488.53	

Mining Claim: **12579**

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *[Signature]*

Start Date	End Date
1/23/02	1/28/02

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	54.50	OB				0.00	54.50	54.50						OB
54.50	72.00	1fu	100	60	green-grey/green,mod-str fuch,20% rust patches,1-2% qs,loc tr py,rare cpy	54.50	59.50	5.00	F21645	0.12	0	0		
72.00	77.00	1cb,fu	100	60	grey/green/brown,tr-wk fuch,wk se,mn rust	59.50	64.50	5.00	F21646	0.02	5	0		tr cpy
77.00	81.80	7bn	95	60	grey,loc wk se,rust at lower cnt,4% qs,4% py,loc tr ga,tr vg in tiny gy qs 50 deg tca @ 80.8'	64.50	69.50	5.00	F21647	0.02	7	0		flat qs
81.80	97.00	1fu	95	60	green,mbx,30% rust patches,mn 1cb at top,1% qs	69.50	74.50	5.00	F21648	0.01	1	0		
97.00	120.00	1fu,m	90	60	green,msv/mofl,104-108':rust,loc mn rust patches,1-2% qs,sm flt @ 114'	74.50	77.00	2.50	F21649	0.01		0		
120.00	128.00	2fu,m	100	60	green,msv/mofl,104-108':rust,loc mn rust patches,1-2% qs,sm flt @ 114'	77.00	79.40	2.40	F21650	0.11	4	3		
128.00	139.00	1fu	95	60	grey/green,mod fuch,mbx,20% rust,tr qs	79.40	81.80	2.40	F21651	0.86	4	4		tr vg/ga
139.00	139.50	7bn,bl	100	60	grey/green,mod fuch,mbx,20% rust,tr qs	81.80	83.80	2.00	F21652	0.08	1	0		
139.50	154.00	2fu,se	95	60	grey,mod-bl,rust at top cnt,grad lower cnt,5% qs,3% py,tr cpy	83.80	88.80	5.00	F21653	0.55	1	0		
154.00	166.00	2cb,m	80	60	grey,mod-bl,rust at top cnt,grad lower cnt,5% qs,3% py,tr cpy	88.80	93.80	5.00	F21654	0.10	2	0		
166.00	194.50	2Bl,fu	85	60	grey/green,tan,loc tr-mod fuch/wk-mod se/bl,12% rust patches,3% qs,tr-1% py	93.80	98.80	5.00	F21655	0.11	2	0		
194.50	202.20	7bn	85	60	grey/green,wk-mod cb,tr fuch,20% rust patches,tr qs	98.80	103.80	5.00	F21656	0.10	1	0		
202.20	203.50	1fu	70	60	grey/green,wk-mod bl,tr-wk fuch,mn se,25% rust,0.5' 7bn @ 173.6',tr vg in qs @ 183,183.6 & 187.8'	103.80	108.80	5.00	F21657	0.01	0	0		
203.50	214.10	1cb,2	95	60	grey/green,wk-mod bl,tr-wk fuch,mn se,25% rust,0.5' 7bn @ 173.6',tr vg in qs @ 183,183.6 & 187.8'	108.80	113.80	5.00	F21658	0.35	0	0		
214.10	233.20	1cb	100	60	grey,loc wk se,20% rust,rust at cnts,5% qs,4% py	113.80	118.40	4.60	F21659	0.93	12	1		qs's
233.20	279.00	2cb,p	95	60	green,mod-str fuch,35% rust	118.40	123.00	4.60	F21660	0.24	1	1		
					grey-grey/green,mn se,tr fuch at top,mn wk rust patches,tr qas	123.00	128.00	5.00	F21661	0.01	0	0		
					grey,loc wk se,20% rust,rust at cnts,5% qs,4% py	128.00	132.00	4.00	F21662	0.14	2	0		
					grey,loc wk se,20% rust,rust at cnts,5% qs,4% py	132.00	136.00	4.00	F21663	0.03	1	0		
					grey,mn rust	136.00	139.00	3.00	F21664	0.04	0	0		
					grey/green,wk cb/se/ch,loc tr fuch,wkly pil-msv,tr qs	139.00	141.00	2.00	F21665	0.34	7	2		0.5' 7bn

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
279.00	281.00	1cb	100	60	grey,mn se	141.00	145.00	4.00	F21666	0.21	1	0		
281.00	293.20	2cb,p	100	60	grey/green,wk cb/sc,tr fuch,mn rust,tr qs	145.00	148.00	3.00	F21667	1.40	2	0		
293.20	293.70	7bn, fu	100	65	grey/brown/green,wk se,tr-wk fuch,mn py	148.00	151.00	3.00	F21668	0.34	2	1		
293.70	295.00	2,1 fu	100	65	grey/green,tr-wk fuch,3" 1fu at end	151.00	154.00	3.00	F21669	1.27	4	1		
295.00	296.20	7bn, fu	100	65	grey/brown,wk se/bl,tr-wk fuch spks,mn qs,1% py	154.00	158.00	4.00	F21670	0.01	0	0		
296.20	297.00	1cb, fu	100	60	grey/green,wk-mod fuch,mn rust	158.00	162.00	4.00	F21671	0.02	0	0		
297.00	307.50	2cb,m	100	60	grey/green,wk ch/se,wk-mod cb,loc wk-mod lx,tr qs,0.5' Bl at top	162.00	166.00	4.00	F21672	0.04	1	0		
307.50	314.50	2fe,m,Bl	100	60	lt grey/brown,wk-mod bl,mn ch at top,tr-wk fuch at end,grad cnts,2% qs,1% py	166.00	169.00	3.00	F21673	0.15	2	0		
314.50	322.60	2fu	95	60	green,mod-str fuch,msv,5% rust incl lower cnt,3% qs	169.00	172.00	3.00	F21674	2.47	7	2		qs's
322.60	345.50	1fu	95	60	lt green-grey/green,mod-str fuch,12% rust,3% qs,sm flt @ 327.4 & 342.3'	172.00	175.00	3.00	F21675	1.99	15	4		0.5' 7bn
345.50	351.30	7bn,2,se	100	60	yellow/brown/grey,wk se/bl,loc grey patches,wk fuch spks,5% qs,tr-1% py	175.00	178.00	3.00	F21676	0.24	3	1		
351.30	361.00	1cb, fu	80	60	lt green-grey/green,mod-str fuch,12% rust,3% qs,sm flt @ 327.4 & 342.3'	178.00	181.00	3.00	F21677	0.34	4	2		
361.00	382.00	1cb	100	60	grey/green,wk ch/se,wk-mod cb,loc wk-mod lx,tr qs,0.5' Bl at top	181.00	183.00	2.00	F21678	0.27	2	2		
382.00	398.00	1fu	95	60	grey/green,mod-str fuch,15% rust,rust at lower cnt,2% qs	183.00	185.00	2.00	F21679	1.90	6	3		vg in 2 qs's
398.00	405.00	2fe,m,bl,cb	95	60	lt grey-grey/green,wk-mod bl,loc wk ch,wk-mod lx,mn rust,tr-1% qs	185.00	187.00	2.00	F21680	0.19	4	2		
405.00	412.00	2fe,m,ch,cb	100	60	grey-grey/brown,loc wk se,tr fuch at margins,35% rust patches	187.00	189.00	2.00	F21681	1.32	3	3		vg in qs,cpy
412.00	451.50	2,m,ch,cb	100	60	green,mod-str fuch,15% rust,rust at lower cnt,2% qs	189.00	191.00	2.00	F21682	2.67	5	1		
451.50	468.00	1tc,cb	90	60	lt grey-grey/green,wk-mod bl,loc wk ch,wk-mod lx,mn rust,tr-1% qs	191.00	194.50	3.50	F21683	0.02	2	0		
468.00	470.30	2cb,m	80	50	grey/green,wk cb,wk-mod lx,tr qs	194.50	197.00	2.50	F21684	0.93	5	3		
470.30	478.00	1tc,cb	90	50	grey/green,wk cb,wk-mod ch,msv-wkly pil,loc mn rust,tr- 1% qas	197.00	199.70	2.70	F21685	3.70	5	4		
478.00	478.50	FZ	0		grey/green,wk cb,wk-mod ch,msv-wkly pil,loc mn rust,tr- 1% qas	199.70	202.20	2.50	F21686	2.18	5	5		
478.50	508.60	1tc,cb	100	50	dk grey,wk cb,ch	202.20	204.20	2.00	F21687	2.37	2	0		
					dk grey,wk cb,ch	204.20	209.20	5.00	F21688	0.07	0	0		
					grey-grey/green,wk cb,tr qas	209.20	214.20	5.00	F21689	0.03	1	0		
					as above	214.20	219.20	5.00	F21690	0.01	0	0		
					blocky/broken core,mn gouge	219.20	224.20	5.00	F21691	0.01	0	0		
					dk grey,wk cb,mn ch,EoH.	224.20	279.00	54.80						
						279.00	284.00	5.00	F21692	0.02	0	0		
						284.00	289.00	5.00	F21693	0.01	0	0		
						289.00	293.00	4.00	F21694	0.01	0	0		
						293.00	295.00	2.00	F21695	0.01	1	0		0.5' 7bn
						295.00	297.00	2.00	F21696	0.07	1	1		1.2' 7bn

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
297.00	301.00					297.00	301.00	4.00	F21697	0.01			0	
301.00	304.50					301.00	304.50	3.50	F21698	0.02	1		0	
304.50	307.50					304.50	307.50	3.00	F21699	0.01	0		0	
307.50	311.00					307.50	311.00	3.50	F21700	0.42	2		1	
311.00	314.50					311.00	314.50	3.50	F21701	1.04	3		1	
314.50	318.50					314.50	318.50	4.00	F21702	0.03	2		0	
318.50	322.60					318.50	322.60	4.10	F21703	0.12	4		0	
322.60	327.60					322.60	327.60	5.00	F21704	0.02	4		0	
327.60	332.60					327.60	332.60	5.00	F21705	0.03	8		0	
332.60	337.50					332.60	337.50	4.90	F21706	0.03	2		0	
337.50	342.50					337.50	342.50	5.00	F21707	0.02	2		0	
342.50	345.50					342.50	345.50	3.00	F21708	0.01			0	
345.50	348.50					345.50	348.50	3.00	F21709	0.07	4		1	
348.50	351.30					348.50	351.30	2.80	F21710	0.04	6		0	
351.30	354.30					351.30	354.30	3.00	F21711	0.06	1		0	
354.30	358.00					354.30	358.00	3.70	F21712	0.06	1		0	
358.00	362.00					358.00	362.00	4.00	F21713	0.02			0	
362.00	367.00					362.00	367.00	5.00	F21714	0.02			0	
367.00	372.00					367.00	372.00	5.00	F21715	0.01			0	
372.00	377.00					372.00	377.00	5.00	F21716	0.01	1		0	
377.00	382.00					377.00	382.00	5.00	F21717	0.01	0		0	
382.00	386.00					382.00	386.00	4.00	F21718	0.01	1		0	
386.00	390.00					386.00	390.00	4.00	F21719	0.03	3		0	
390.00	394.00					390.00	394.00	4.00	F21720	0.01	2		0	
394.00	398.00					394.00	398.00	4.00	F21721	0.01	2		0	
398.00	402.00					398.00	402.00	4.00	F21722	0.03	0		0	
402.00	406.00					402.00	406.00	4.00	F21723	0.23	2		0	
406.00	411.00					406.00	411.00	5.00	F21724	0.02	0		0	
411.00	508.60					411.00	508.60	97.60						EOH.



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MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-16	14354	5688	10930	715.6	1/30/02	EZ Shot	BQ	S. Harding	S	Hopson	L6+50E.0+70N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date			
0.00	0	-90	14354.00	5688.00	10930.00		1/28/02	1/29/02			
85.00	0	-90	14354.00	5688.00	10845.00						
390.00	0	-90	14354.00	5688.00	10540.00						
700.00	0	-90	14354.00	5688.00	10230.00						

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU/G/T	% Qtz	% Py	% Asp	Remarks
0.00	55.40	OB				0.00	55.40	55.40						OB
55.40	57.60	7bn,qs,Py	70	60	grey,40% rust at margins,18% qs < 1.5" wide,8% py	55.40	57.60	2.20	F21725	3.14	18	8		qs's
57.60	59.80	7bn,1fu	50	60	brown,wk-mod rust throughout,approx 0.8' 1fu at top,blocky in lower 1'	57.60	60.20	2.60	F21726	2.06	3	3		
59.80	61.00	FZ.LC	0		0.4' broken core w/ gouge,rusty,0.8' lost core	60.20	61.00	0.80						LC.FZ
61.00	71.50	1fu	80	60	green-grey/green,mod-str fuch,wk se/bl in lower 4',rusty in top 2.7',sm flt @ 63.3',2% qs,loc tr py	61.00	64.00	3.00	F21727	1.03	8	1		
64.00	71.50					64.00	68.00	4.00	F21728	0.31	7	0		
71.50	75.70	7bn,1fu	80	60	approx 50% 7bn patches,50% 1fu w/ bl/se,10% rust,7% low angle qs,1-2% py	68.00	71.50	3.50	F21729	0.66	6	0		
71.50	75.70					71.50	75.70	4.20	F21730	0.35	8	3		50% 7bn
75.70	82.00	1fu	70	60	green-grey/green,mod-str fuch,motl,1.5" qcbs 10 deg tca from 79.2-80.7'	75.70	78.70	3.00	F21731	0.23	2	1		
78.70	82.00					78.70	82.00	3.30	F21732	0.29	25	0		flat qcbs
82.00	105.00	1cb	100	60	grey-gre/green at margins,tr fuch at margins,loc mn rust patches,mn se	82.00	85.00	3.00	F21733	0.01	1	0		
85.00	90.00					85.00	90.00	5.00	F21734	0.01	0	0		
105.00	110.70	1fu	100	60	green.str fuch,motl-mbx,tr qs,lower cnt at 80 deg tca	90.00	95.00	5.00	F21735	0.01		0		
110.70	117.60	7bn,qs,Py,vg	100	80	grey,loc mn se,mn rust at lower cnt,tr vg in 2" qs 15 deg tca @ 111.8',25% qs,8% py,loc tr tm/cpy	95.00	100.00	5.00	F21736	0.02		0		
100.00	105.00					100.00	105.00	5.00	F21737	0.02		0		
117.60	133.60	1fu	90	65	green,str fuch,loc mn rust,5% qs < 2" wide,tm in qs near top cnt,top cnt at 75 deg tca w/ mn rust	105.00	108.70	3.70	F21738	0.02	0	0		
108.70	110.70					108.70	110.70	2.00	F21739	0.05	1	0		
133.60	139.00	1cb,1fu	100	60	grey/green,wk fuch,mn rust	110.70	112.70	2.00	F21740	19.24	45	7		vg in 2" qs
112.70	114.70					112.70	114.70	2.00	F21741	2.33	10	8		qs's
139.00	172.00	1cb	95	60	grey-gre/green,loc tr-wk fuch,loc mn rust,1% qs	114.70	117.60	2.90	F21742	5.49	25	8		qs's,tm
172.00	179.80	1cb,1fu	100	60	grey/green-green,wk-mod fuch,1.5' 1fu at end,rust/mn gouge at lower cnt,2% qs,loc tr tm	117.60	119.60	2.00	F21743	1.47	7	0		qs's,tm
119.60	123.60					119.60	123.60	4.00	F21744	0.03	1	0		
179.80	192.50	7bn,Se,qs	95	50	olive green/grey,wk-mod se,cnts at 20 deg tca w/ rust,15% qs < 2" wide 30-70 deg tca,tr tm/cpy,5% py									

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
192.50	192.70	FZ	0	20	broken core/gouge.rusty	123.60	128.60	5.00	F21745	1.18	10	0		qs's
192.70	200.00	1cb,fu	95	60	grey/green,tr-wk fuch.rusty in top 2',1% qs	128.60	133.60	5.00	F21746	0.01	1	0		
200.00	222.00	1cb	100	60	grey-grey/green,loc tr-wk fuch,mn rust patches,3% qs	133.60	138.60	5.00	F21747	0.01	1	0		
222.00	231.60	1cb,fu	100	60	grey/green,tr-mod fuch,3% qs,4" qv 65 deg tca @ 229.5'	138.60	143.60	5.00	F21748	0.01	1	0		
231.60	257.00	2fu	95	60	grey/green-green,tr-mod fuch,15% rust patches,motl/msv,3% qs	143.60	148.60	5.00	F21749	0.22	1	0		
257.00	271.40	2cb,m,ch	100	60	grey/green,wk cb/ch,loc tr fuch,mn rust,1" qs at lower cnt	148.60	153.60	5.00	F21750	0.05	2	0		
271.40	275.20	8fp	100	45	porph/mafic dyke?,mod-str sil,msv-wkly frac,tr-1% qs	153.60	158.60	5.00	F21751	0.02	1	0		
275.20	287.00	2cb,m,ch	100	60	grey/green,wk cb/ch,tr qcbs	158.60	163.60	5.00	F21752	0.03	1	0		
287.00	344.30	1tc,ch,cb	95	60	dk grey/green-grey,wk ch/cb,loc mn se	163.60	168.60	5.00	F21753	0.02		0		
344.30	394.30	2,p,ch,ca	100	60	grey/green,wk-mod ch,wk perv ca,wkly pil-msv,tr qcs	168.60	173.60	5.00	F21754	0.67	2	0		
394.30	395.50	10	100	60	grey-grey/green,vfg,msv,wk-mod magnetic,1% qcs,2% py	173.60	177.80	4.20	F21755	0.10	2	0		
395.50	397.10	2,p,ch,ca	100	60	as above	177.80	179.80	2.00	F21756	0.21	3	0		
397.10	397.70	10	100	60	as above	179.80	182.80	3.00	F21757	0.32	7	5		
397.70	408.00	2,p,ch,ca	100	60	grey/green,wk perv ca,mn cb at end,grad lower cnt	182.80	184.80	2.00	F21758	0.24	25	5		qs's
408.00	421.00	2,p,ch,cb	95	60	grey/green,wk cb,wkly pil-msv	184.80	186.80	2.00	F21759	0.61	15	5		qs's
421.00	444.00	8fp	95	35	salmon pink-mn grey/green,cnts at 35 deg tca,4% qs < 1" wide some w/ ch,2% py,loc tr cpy	186.80	189.70	2.90	F21760	0.42	17	5		qs's
444.00	458.90	1cb,ch	100	60	grey/green,wk-mod ch/cb,tr qs,0.4' 8fp @ 452.5'	189.70	192.70	3.00	F21761	0.24	5	3		0.2' Flt
458.90	461.10	2,1,cb	80	60	grey/green,wk ch/cb,0.8' u.mafics at end	192.70	194.70	2.00	F21762	0.06	3	0		
461.10	473.00	8fp	95	40	salmon pink/grey/green/brown,loc wk sil/wk-mod se,3% qs,2% py	194.70	198.70	4.00	F21763	0.01	1	0		
473.00	500.00	1tc,cb,ch	100	60	dk grey/green,wk-mod ch,wk cb	198.70	203.70	5.00	F21764	0.01	1	0		
500.00	534.80	1cb,tc,ch	100	60	dk grey/green,wk-mod ch/cb,mn se in lower 15'	203.70	208.70	5.00	F21765	0.01	2	0		
534.80	540.00	2,m,ch,cb	100	50	grey/gree-green,wk cb,tr fuch,1% qs	208.70	213.70	5.00	F21766	0.01	1	0		
540.00	564.40	1cb	100	50	grey,tr fuch at end,tr qas	213.70	218.70	5.00	F21767	0.01	4	0		
564.40	567.40	2fu,m	100	50	grey/green,wk-mod fuch,grad lower cnt,tr qs	218.70	223.70	5.00	F21768	0.01	7	0		2" qs
567.40	570.00	2,m,bl,fu	90	50	grey/green/tan,wk-mod bl,tr fuch,0.8' rust at end,2% qs	223.70	228.70	5.00	F21769	0.01	2	0		
570.00	572.10	2fu	100	50	lt grey/green/brown,wk-mod fuch,loc wk bl/se,motl	228.70	231.60	2.90	F21770	0.14	13	0		4" qv
572.10	580.20	7bn,se,Si	95	50	lt tan/mn olive green,loc wk-mod se,mod sil,very hard,6% qs,2% py	231.60	236.60	5.00	F21771	0.15	4	0		
580.20	587.50	1fu	100	50	green-grey/green,mod-str fuch,mn rust,1% qs	236.60	241.60	5.00	F21772	0.27	1	0		
587.50	637.00	1cb	100	50	grey-mn grey/green,loc tr-wk fuch,tr-1% qs	241.60	246.60	5.00	F21773	0.34	2	0		
						246.60	251.60	5.00	F21774	0.17	0	0		
						251.60	256.60	5.00	F21775	0.46	6	0		
						256.60	261.60	5.00	F21776	0.14	3	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
637.00	662.00	ltc.cb,ch	100	50	dk grey/green.wk cb/ch,loc wk rust patches	261.60	266.60	5.00	F21777	0.02		0		
662.00	666.00	8fp.qs.py	100	25	dk salmon pink/grey.cnts at 25 deg tea.4% tiny qs,2% py	266.60	271.40	4.80	F21778	0.01	3	0		
666.00	694.00	ltc.cb,ch	95	50	as above.5" 8fp frag at top.691-694:35% 8fp,low angle cnts	271.40	275.20	3.80	F21779	0.02	1	0		8fp?
						275.20	280.20	5.00	F21780	0.08	0	0		
694.00	700.20	8fp.qs.py	100	20	grey-grey/salmon pink.cnts at 20 deg tea.5% qs,3% diss py	280.20	416.00	135.80						
						416.00	421.00	5.00	F21781	0.03		0		
700.20	712.00	lcb,se	90	50	grey-grey/brown,loc wk se,loc wk rust patches,tr fuch in lower 2',tr qas	421.00	425.00	4.00	F21782	0.24	5	1		8fp
712.00	715.60	lcb,fu	100	50	grey/green,tr-wk fuch,35% wk rust,1% qs,E.O.H.	425.00	430.00	5.00	F21783	0.19	4	3		8fp
						430.00	435.00	5.00	F21784	0.17	1	2		8fp
						435.00	440.00	5.00	F21785	0.07	1	2		8fp
						440.00	444.00	4.00	F21786	0.06	6	1		8fp,tr cpy
						444.00	449.00	5.00	F21787	0.12	0	0		
						449.00	453.00	4.00	F21788	0.04	4	0		0.4' 8fp
						453.00	458.00	5.00	F21789	0.07		0		
						458.00	461.10	3.10	F21790	0.07	1	0		
						461.10	465.00	3.90	F21791	0.18	6	4		8fp
						465.00	469.00	4.00	F21792	0.05	2	2		8fp
						469.00	473.00	4.00	F21793	0.05	3	1		8fp
						473.00	478.00	5.00	F21794	0.06		0		
						478.00	551.40	73.40						
						551.40	556.40	5.00	F21795	0.05	0	0		
						556.40	561.40	5.00	F21796	0.14		0		
						561.40	564.40	3.00	F21797	0.21	2	0		
						564.40	567.40	3.00	F21798	0.17	1	0		
						567.40	570.00	2.60	F21799	0.27	2	0		
						570.00	572.10	2.10	F21800	0.21	1	0		
						572.10	575.10	3.00	F21801	1.15	5	1		
						575.10	577.20	2.10	F21802	0.62	13	3		1.5" qs
						577.20	580.20	3.00	F21803	0.79	2	3		
						580.20	582.20	2.00	F21804	0.19	4	0		
						582.20	587.20	5.00	F21805	0.16	3	0		
						587.20	592.20	5.00	F21806	0.01		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						592.20	597.20	5.00	F21807	0.01	0	0		
						597.20	657.00	59.80						
						657.00	662.00	5.00	F21808	0.01		0		
						662.00	666.00	4.00	F21809	0.04	4	2		8fp
						666.00	671.00	5.00	F21810	0.01	1	0		5" 8fp frag
						671.00	686.00	15.00						
						686.00	691.00	5.00	F21811	0.01	1	0		
						691.00	694.00	3.00	F21812	0.08	1	1		35% 8fp
						694.00	697.10	3.10	F21813	0.07	4	2		8fp
						697.10	700.20	3.10	F21814	0.10	6	4		8fp
						700.20	703.20	3.00	F21815	0.01	2	0		
						703.20	708.20	5.00	F21816	0.01	1	0		
						708.20	715.60	7.40						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-16	110.7	117.6	8.56					Main			



42A10SW2029

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-17	14890	5987	10930	213.3	2/1/02	FZ Short	BQ	S. Harding	S	Hopson	L12+50E, 1+20N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS			Start Date	End Date	
0.00	62	-45	14890.00	5987.00	10930.00				1/30/02	1/30/02	
85.00	62	-45	14943.07	6015.22	10869.90						
210.00	62	-45	15021.11	6056.71	10781.51						

Mining Claim: **12579**

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *[Signature]*

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU/GT	% Qtz	% Py	% Aspy	Remarks
FROM	TO					FROM	TO							
0.00	51.30	OB				0.00	51.30	51.30						OB
51.30	86.00	1tc,cb	95	50	dk grey-grey/green,wk-mod cb,wk ch in top 10'	51.30	103.70	54.40						
86.00	111.00	1cb,tc	95	50	dk grey-grey/green,loc wk ch/se,mn rust,1' mafic dyke @ 98'	103.70	110.70	5.00	F21817	0.01	0	0		
111.00	117.70	1cb	100	50	grey-grey/green,wk se,tr fuch,mn rust,tr qs/qas	110.70	115.70	5.00	F21818	0.02		0		
117.70	129.70	7bn,se,qs	100	40	grey/green,wk-mod se,top 6' pink/grey/green.ch cnts w/ mn rust,13% qs,3% py,tr vg in 1.5" qs @ 128'	115.70	117.70	2.00	F21819	0.01	3	0		
129.70	142.40	1cb	100	50	grey-mn grey/green,mn fuch at top,wk se,mn rust	117.70	120.70	3.00	F21820	0.21	3	1		
142.40	153.40	1cb,fu	100	40	grey/green-grey,tr-wk fuch,mn rust,rust at lower cnt,tr qs	120.70	122.70	2.00	F21821	0.97	7	3		
153.40	162.70	8fp,Se	100	40	tan/yellow w/ mn grey patches,wk-mod se,loc mn se,rust at cnts,1-2% qs,1% py	122.70	124.70	2.00	F21822	2.88	18	3		qs's,tr cpy
162.70	169.40	1fu,cb	100	40	grey/green-green,wk-mod fuch,mn rust incl cnts,tr qas	124.70	127.70	3.00	F21823	0.68	2	3		
169.40	174.80	2Bl	90	40	lt brown,msv-mbx,mod bl,loc wk se,ch stwk at end,7% qs,1-2% py,loc tr cpy	127.70	129.70	2.00	F21824	5.38	25	5		tr vg in qs
174.80	175.80	1fu	60	40	grey/green,mod fuch,mn rust,2" qs @ 175.5'	129.70	131.70	2.00	F21825	0.03		0		
175.80	176.00	FZ	0		broken core/gouge	131.70	136.40	4.70	F21826	0.03	0	0		
176.00	177.10	1cb,fu,sc	60	40	grey/green,wk fuch/se,bx	136.40	141.40	5.00	F21827	0.01		0		
177.10	177.30	FZ	0	30	broken core/gouge	141.40	146.40	5.00	F21828	0.01		0		
177.30	182.00	1cb,se	90	40	olive green/grey,wk-mod se,mn rust	146.40	151.40	5.00	F21829	0.01	0	0		
182.00	183.70	FZ	0	30	85% broken core/gouge,ch,mn rust	151.40	153.40	2.00	F21830	0.17	1	0		
183.70	184.40	1cb,se,ch	90	30	grey/green,wk se/ch,wk rust	153.40	156.40	3.00	F21831	0.08	1	1		
184.40	191.50	8fp,Py	60	50	pinkish/grey,dk grey/green ch cnts,msv-bx at margins,12% rust,tr-1% qs,7% py	156.40	159.70	3.30	F21832	0.06	2	1		
						159.70	162.70	3.00	F21833	0.77	1	1		
						162.70	166.00	3.30	F21834	0.04	0	0		
						166.00	169.40	3.40	F21835	0.49		0		
						169.40	172.40	3.00	F21836	2.90	12	3		qs's,tr cpy
						172.40	174.80	2.40	F21837	0.28	1	1		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
191.50	203.00	lcb.fu.se	95	45	grey-grey/green,tr-wk fuch/ch in top 7',loc wk se,30% wk rust,rust at cnts.tr qas	174.80	177.80	3.00	F21838	0.12	5	0		2 x Flts
203.00	207.50	8fp,se	95	50	yellow/grey-grey,loc wk-mod se,rust at cnts,5% qs,tr-1% py	177.80	181.40	3.60	F21839	1.15	0	0		
207.50	213.30	lcb	95	50	grey-grey/green,tr-wk fuch w/ rust in top 1.5',tr qas,EOH.	181.40	184.40	3.00	F21840	0.24		0		1.7'Z
						184.40	188.00	3.60	F21841	0.99	2	7		
						188.00	191.50	3.50	F21842	1.37	1	7		
						191.50	194.50	3.00	F21843	0.06	1	0		
						194.50	199.50	5.00	F21844	0.01	0	0		
						199.50	203.00	3.50	F21845	0.01	1	0		
						203.00	205.00	2.00	F21846	0.43	7	2		qs's
						205.00	207.50	2.50	F21847	0.02	4	0		
						207.50	209.50	2.00	F21848	0.01	3	0		
						209.50	213.30	3.80	F21849		0	0		EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-17	117.7	129.7	1.76					Main			



42A10SW2029

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MACKLEM

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Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-20	14810	6018	10930	203.4	2/4/02	EZ Shot	BQ	S. Harding	S	Hopson	L12+00E.2+00N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	0	-90	14810.00	6018.00	10930.00	Mining Claim: <u>12579</u>					
75.00	10	-88	14810.23	6019.29	10855.02	Start Date: 1/31/02 End Date: 2/1/13					
200.00	0	-88	14810.61	6023.62	10730.10	Drill Contractor: NDS Drilling					
Storage Location of Core: N/A Whole Core Sampled											

Signed by: *S. Harding*

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
FROM	TO					FROM	TO							
0.00	34.30	OB				0.00	34.30	34.30						OB
34.30	56.00	1tc,cb	95	60	grey,mn ch,wk cb	34.30	97.20	62.90						
56.00	85.00	1cb,tc	95	60	grey,loc tr-wk ch,loc wk rust patches	97.20	102.20	5.00	F21897	0.16	0	0		
85.00	102.20	2cb,m	100	60	grey/green-grey,wk-mod cb,wk ch,tr fuch/se,loc mn rust incl cnts,tr-1% qs	102.20	105.20	3.00	F21898	0.01	3	0		
102.20	111.20	1fu	80	60	green-grey/green,wk-mod fuch,15% rust incl cnts,2% qs,0.5' 8fp @ 108.5'	105.20	108.20	3.00	F21899	0.02	2	0		
111.20	117.20	2fu	70	30	green,mod fuch,35% rust patches.tr-1% qs,1' 8fp @ 115.5' approx parallel tea	108.20	111.20	3.00	F21900	0.02	4	0		0.5' 8fp
117.20	127.40	8fp	95	60	salmon pink/brown,wkly frac,loc wk se,rust/mn gouge at top cnt,7% qs < 2" wide,tr-1% py	111.20	114.20	3.00	F21901	0.05	0	0		20% 8fp
127.40	146.00	8fp,se,bl	95	60	tan/grey,mn pink,wk-mod se/bl,msv-wk frac,6% qs,2% py,130.3-131.8: rust,tr vg/cpy in tiny qs @ 135'	114.20	117.20	3.00	F21902	0.05	4	0		
146.00	156.00	8fp	95	60	salmon pink/brown,loc wk fuch,4% qs,4% py	117.20	120.20	3.00	F21903	0.08	3	1		
156.00	170.00	1tc,cb	100	60	dk grey,tr-wk cb,mn rust/ch	120.20	123.20	3.00	F21904	0.58	12	1		qs's
170.00	203.40	1tc	95	60	dk grey,loc tr cb,EOH.	123.20	126.20	3.00	F21905	0.06	5	0		
						126.20	129.20	3.00	F21906	0.45	13	1		qs's
						129.20	132.20	3.00	F21907	0.13	3	2		
						132.20	134.20	2.00	F21908	0.52	3	3		
						134.20	136.20	2.00	F21909	0.35	2	2		tr vg in qs
						136.20	138.20	2.00	F21910	0.06	1	2		
						138.20	140.20	2.00	F21911	1.16	10	4		
						140.20	143.20	3.00	F21912	0.16	8	2		
						143.20	146.20	3.00	F21913	0.25	7	2		
						146.20	150.00	3.80	F21914	0.19	4	2		
						150.00	153.00	3.00	F21915	0.25	4	3		
						153.00	156.00	3.00	F21916	0.17	4	5		
						156.00	159.00	3.00	F21917	0.13		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						159.00	164.00	5.00	F21918	0.01			0	
						164.00	203.40	39.40						EOH.



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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-21	14760	5959	10930	203.4	2/4/02	EZ Shot	RQ	S. Harding	S	Hopson	I.11+30E.1+70N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	0	-90	14760.00	5959.00	10930.00						
75.00	0	-90	14760.00	5959.00	10855.00						
200.00	0	-90	14760.00	5959.00	10730.00						

Mining Claim: **12579**

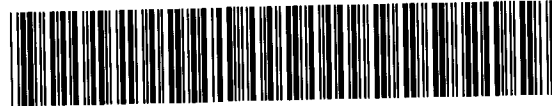
Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *[Signature]*

Start Date	End Date
2/1/02	2/1/02

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
FROM	TO					FROM	TO							
0.00	40.00	OB				0.00	40.00	40.00						OB
40.00	85.60	lcb,tc	95	70	grey,mn se,loc wk rust patches.sm flt @ 52'	40.00	80.20	40.20						
85.60	93.20	lcb	100	70	grey-grey/green,mn fuch/rust at end	80.20	85.20	5.00	F21919	0.04		0		
93.20	95.60	2fu	100	50	lt green.mod fuch,mn se,msv/motl,mn rust.1% qs	85.20	90.20	5.00	F21920	0.01		0		
95.60	107.00	1fu	100	70	green-grey/green,mod-str fuch,mn rust,mn mafics,tr-1% qs	90.20	93.20	3.00	F21921	0.01		0		
107.00	113.30	lcb,fu	95	70	grey/green,tr-wk fuch,0.4' rust at lower cnt,grad top cnt	93.20	95.60	2.40	F21922	0.10	1	0		
113.30	119.30	7bn,PY	90	50	grey,mn se,5% qs/qas,12% f-mg py,rust at top cnt,117.3-118.3: rust w/ sm flt @ 117.6'	95.60	99.60	4.00	F21923	0.21	0	0		
119.30	128.00	1fu	95	70	green,mod-str fuch,20% wk rust,tr-1% qs	99.60	104.30	4.70	F21924	0.05	4	0		
128.00	139.80	lcb	80	50	grey,wk se,tr fuch,25% wk rust	104.30	108.30	4.00	F21925	0.01		0		
139.80	141.70	2bl	100	20	mafic dyke?,lt grey,mn rust,ch ents,1" qs,tr py	108.30	111.30	3.00	F21926	0.01		0		
141.70	203.40	lcb,se	100	50	grey/brown,wk-mod se,loc tr-wk fuch,mn rust patches,tr qas,EOH.	111.30	113.30	2.00	F21927	0.04		0		
						113.30	115.30	2.00	F21928	2.32	6	10		
						115.30	117.30	2.00	F21929	2.59	5	15		
						117.30	119.30	2.00	F21930	4.95	4	10		
						119.30	121.30	2.00	F21931	0.09	3	0		
						121.30	124.30	3.00	F21932	0.06		0		
						124.30	128.00	3.70	F21933	0.02	2	0		
						128.00	133.00	5.00	F21934	0.02	0	0		
						133.00	138.00	5.00	F21935	0.01		0		
						138.00	142.00	4.00	F21936	0.04	2	0		1.9' dyke
						142.00	147.00	5.00	F21937	0.01	2	0		
						147.00	203.40	56.40						EOH.



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Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-22	14475	5526	10930	604.4	2/5/02	EZ Shot	BQ	S. Harding	S	Hopsou	L7+00E,1+25S
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-49	14475.00	5526.00	10930.00						
85.00	343	-49	14457.31	5578.87	10865.85						
330.00	339	-49	14405.01	5730.75	10680.95						
600.00	338	-49	14340.10	5895.55	10477.17						

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Start Date	End Date
2/2/02	2/5/02

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	41.50	OB				0.00	60.30	60.30						
41.50	54.00	1cb,se	95	60	lt grey/brown,wk se,loc mn rust patches,tr qas	60.30	63.30	3.00	F21956	0.23	2	0		
54.00	63.60	2cb,m	95	60	grey/green,wk ch/cb,mod-str lx,wkly pil-msv,tr qs	63.30	64.80	1.50	F21957	10.01	10	5		Bl mvo
63.60	64.50	2bl,py	40	60	lt tan,mod bl,mn rust,10% qs,7% py	64.80	67.80	3.00	F21958	0.34	2	0		
64.50	84.00	2cb,m	95	60	grey-grey/green,wk cb,loc wk ch,mod-str lx,loc mn bl patches,tr qs,82-84: rust	67.80	166.50	98.70						
84.00	85.30	FZ,LC	0		10% blocky core,rusty,90% lost core	166.50	171.50	5.00	F21959	0.02		0		
85.30	88.30	2fe,p,ch	100	60	grey/green,str lx,wk rust at top,mn cb,wk-mod ch	171.50	174.50	3.00	F21960	0.03		0		
88.30	92.00	1tc,cb,ch	100	60	grey/green,wk ch/cb,top cnt 60 deg tea	174.50	178.50	4.00	F21961	0.01	15	2		qs's
92.00	98.50	1tc	100	60	grey-mn grey/green,wkly ch in lower 1'	178.50	182.00	3.50	F21962	0.02	6	1		
98.50	99.30	7	70	60	mafic dyke,str ch cnts.bl in centre	182.00	185.00	3.00	F21963	0.01		0		
99.30	102.60	1tc,cb,ch	100	60	grey/green,wk ch/cb,tr-1% qas	185.00	193.60	8.60						
102.60	109.30	2cb,m,ch	100	60	green-grey/green,wk-mod ch,wk cb,tr qcbs	193.60	196.60	3.00	F21964	0.01		0		
109.30	129.20	1tc,se,cb	100	60	green-grey/green,wk-mod ch,wk cb,tr qcbs	196.60	200.30	3.70	F21965	0.13	8	1		8fp
129.20	165.00	2,m,ch	95	60	grey/green,motl in top 13',wk se/ch,tr qas	200.30	203.30	3.00	F21966	0.01		0		
					green-grey/green,wk ca,mn cb at top,tr qcs,4.5" mafic dyke @ 144.9'	203.30	267.40	64.10						
165.00	174.50	2,p,ch,ca	100	60	grey/green,wk-mod ch,wk ca,wkly sil at end	267.40	270.40	3.00	F21967	0.01		0		
174.50	182.00	2BL,si	100	60	lt tan/grey-mn grey/green,mod-str bl,wkly si,10% qs/qcbs,2% py,15% wk ch patches	270.40	275.00	4.60	F21968	0.09	0	0		
					grey/green,wk-mod ch,wk se	275.00	278.00	3.00	F21969	0.01		0		
182.00	196.60	1cb,ch,se	100	60	grey/green,wk-mod ch,wk se	278.00	452.00	174.00						
196.60	200.30	8fp	100	70	lt pink/brown,loc wk se,8% qcbs,1% py	452.00	457.00	5.00	F21970	0.01	1	0		
200.30	220.50	1tc,cb	100	40	dk grey-grey/green,wkly ch in top 5',wk cb,tr qas	457.00	462.00	5.00	F21971	0.01	1	0		
						462.00	464.00	2.00	F21972	0.08	40	0		0.6' QV

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
220.50	232.60	2,m,si,ch	100	70	grey/green,wk-mod sil,very hard almost cherty,wk cb/ch,cnts at 70 deg tea	464.00	468.00	4.00	F21973	0.02	0	0		
232.60	254.00	1tc,cb	100	70	dk grey,mn ch at top,mn wk rust,wk se at end	468.00	473.00	5.00	F21974	0.03	0	0		
254.00	270.40	1cb,se	100	70	grey/green,wk se,mn ch,mn wk rust,tr fuch at end,mn mafics	473.00	478.00	5.00	F21975	0.02	0	0		
270.40	271.00	1fu	100	70	grey/green,mod fuch	478.00	483.00	5.00	F21976	0.01	3	0		
271.00	275.00	2fu	100	70	lt green,mod-str fuch,mn rust	483.00	488.00	5.00	F21977	0.02	1	0		
275.00	302.00	2cb,p	100	70	lt green,mod-str fuch,mn rust	488.00	491.50	3.50	F21978	0.01	1	0		
302.00	324.00	2,p,ch	100	70	grey/green,wk cb/se,mn ch,wkly pil-msv,mn u.mafics,tr qs	491.50	493.50	2.00	F21979	0.04	1	0		
324.00	366.00	1tc,ch	95	70	grey/green,mn se,wk ca,tr qcbs	493.50	496.20	2.70	F21980	0.18	3	1		
366.00	372.00	2,p,ch	100	70	grey/green-green,wk-mod ch,mn ca,msv-mbx,mafic looking,tr qcs	496.20	498.90	2.70	F21981	0.84	6	1		
372.00	426.00	1tc,ch,ca	100	60	green,mn ca,wk vars at top,tr qcs	498.90	501.00	2.10	F21982	0.01	7	0		
426.00	445.80	2,m,ch,cb	100	50	grey/green-green,wk-mod ch,wk ca,msv-mbx,mn ca strgrs	501.00	506.00	5.00	F21983	0.01	1	0		
445.80	445.90	FZ	0	45	grey/green-green,mod ch,wk cb,loc mn rust,wk-mod si in top 2.2'	506.00	511.00	5.00	F21984	0.01	1	0		
445.90	447.70	2,m,ch,cb	85	50	gouge/broken core	511.00	516.00	5.00	F21985	0.10	0	0		
447.70	448.30	FZ,LC	0	30	grey/green,wk cb,mn rust	516.00	520.50	4.50	F21986	0.01	0	0		
448.30	457.00	2cb,m	100	50	grey/green,wk cb,mn rust	520.50	521.50	1.00	F21987	0.14	35	0		4" QV
457.00	463.20	1cb,fb	95	50	grey/green,wk cb,mn rust	521.50	525.20	3.70	F21988	0.01	4	0		
463.20	463.90	QV,ak	95	20	blocky/broken core w/ gouge,20% lost core	525.20	527.20	2.00	F21989	0.95	5	0		
463.90	479.50	1cb,fb	100	50	grey/green-grey,wk-mod cb,mn rust at top/end	527.20	529.00	1.80	F21990	1.95	8	6		
479.50	493.50	8fp,se	95	70	grey/green-green,tr-mod fuch,30% rust patches,tr qas	529.00	530.30	1.30	F21991	8.37	10	7		tr vg
493.50	498.90	1fu	95	50	msv-wkly bx wh QV,wk ak,15% rust,mn gouge at lower cnt	530.30	532.30	2.00	F21992	5.73	17	7		3" qv
498.90	506.00	1fu	95	50	grey/green,tr-wk fuch,loc wk se,15% rust patches,tr qas	532.30	535.30	3.00	F21993	0.86	4	5		
506.00	520.90	1cb,fb	100	50	green-grey/green,mod fuch,30% rust patches,1-2% qs/qas	535.30	538.30	3.00	F21994	0.42	8	8		qs's
520.90	521.20	QV,ak	100	50	olive green/grey w/ grey patches,loc wk-mod se,mn rust at lower cnt,5% qs,1% py	538.30	541.30	3.00	F21995	0.56	4	7		
521.20	527.20	1fu	100	50	green,mod-str fuch,4" rust at top,2% qs	541.30	544.30	3.00	F21996	2.61	5	7		
527.20	530.30	8fp,Py	100	45	grey/green,wk-mod fuch,mn rust,tr qs	544.30	547.30	3.00	F21997	1.51	8	8		
530.30	546.00	8fp,Se,Py	95	50	msv-wkly bx wh QV,wk ak,mn rust	547.30	550.30	3.00	F21998	2.37	3	8		
					green,mod-str fuch,15% rusut,4% qs,loc tr cpy	550.30	552.30	2.00	F21999	0.10	12	8		qs's
					pink/grey,mn se along fracs,mod se in top 0.5',8-10% gy/wh qs,6% diss py,tr vg in flat qs @ 529.5'	552.30	554.30	2.00	F22000	3.90	8	7		
					olive green,mod-str se,8% qv/qs up to 3" wide,7% py	554.30	557.30	3.00	F22501	2.47	5	7		
						557.30	560.30	3.00	F22502	3.98	4	7		
						560.30	563.90	3.60	F22503	2.02	3	7		
						563.90	565.90	2.00	F22504	0.15	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
546.00	563.90	8fp,se,Py	90	50	pink/grey/olive green,loc tr-mod se,mn rust.6% qs < 1" wide,7% py,gouge w/ rust @ 557.3'	565.90	569.50	3.60	F22505	0.03			0	
563.90	571.50	l fu	95	50	green-grey/green,mod-str fuch	569.50	571.50	2.00	F22506	0.12			0	
571.50	586.00	8fp,Bl,sl	95	35	sil mafics?,lt tan/grey,mn pink,mod bl/si,frac-almost bx.3% qs,3% py	571.50	573.50	2.00	F22507	0.19	3	3		
586.00	594.80	8fp,sl	95	30	mafic?.grey/green/pink,wk-mod si,mn ch,loc vwk cb,frac,lower cnt not sharp.2% qs,1-2% py	573.50	575.50	2.00	F22508	0.10	5	3		
594.80	596.40	2fc,m,ch,cb	100	50	green-grey/green,wk-mod lx at top,wk cb at end	575.50	577.50	2.00	F22509	0.13	1	1		
596.40	604.40	lfc,cb	100	50	dk grey,wk cb,mn ch,EOH.	577.50	580.50	3.00	F22510	0.13	4	2		
						580.50	583.50	3.00	F22511	0.31	6	3		
						583.50	586.50	3.00	F22512	0.56	6	5		
						586.50	589.50	3.00	F22513	3.08	4	3		
						589.50	592.00	2.50	F22514	0.13	1	2		
						592.00	594.80	2.80	F22515	0.09	0	1		
						594.80	596.40	1.60	F22516	0.02	0	1		
						596.40	599.40	3.00	F22517	0.01		0		
						599.40	604.40	5.00	F22518	0.01		0		EOH.



42A10SW2029

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-23	13922.1	5681.1	10902.7	508.6	2/26/02	EZ Shot	BQ	S. Harding	S	Hopson	L2+50E,2+50N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-83	13922.10	5681.10	10902.70	
55.00	156	-82	13924.80	5674.45	10848.17	
290.00	161	-82	13936.78	5644.05	10615.46	
500.00	161	-82	13946.29	5616.42	10407.50	

Mining Claim: 12579

Start Date	End Date
2/21/02	2/22/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Fee										
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks	
0.00	7.00	OB				0.00	7.00	7.00						OB	
7.00	39.00	2,p,ch	90	40	dk green-grey/green,loc wk cb/se,wkly pil/motl,loc mn rust,tr qcbs	7.00	39.00	32.00							
39.00	56.20	2,p,se	95	40	grey/green/tan,loc wk-mod se,wk ch in top 7',mn cb at end,tr fuch in lower 2',mn rust patches.tr qs	39.00	44.00	5.00	F23176	0.11	4	0			
56.20	58.70	1fu,se	100	40	grey/green,mod fuch,loc wk se,motl,tr qs	44.00	49.00	5.00	F23177	0.06	1	1			
58.70	77.00	2fu,p	95	40	lt green-yellow/green,mod fuch,wk se,wk ch in lower 4',15% rust patches,2% qs,tr-1% py,loc tr cpy	49.00	54.00	5.00	F23178	0.01		0			
77.00	98.20	2fu	95	40	lt green-yellow/green,mod fuch,wk se,wk ch in lower 4',15% rust patches,2% qs,tr-1% py,loc tr cpy	54.00	59.00	5.00	F23179	0.05	1	0			
98.20	103.50	2Bl	95	40	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	59.00	64.00	5.00	F23180	0.03	1	0			
103.50	113.20	1fu	100	40	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	64.00	68.00	4.00	F23181	2.45	5	1			
113.20	113.90	QV,cb,tm	80	50	grey/purple,mod bl,loc mn se,mn rust at top cnt,7% qs,tr py	68.00	72.00	4.00	F23182	1.35	3	1		tr cpy	
113.90	119.80	2fu	95	40	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	72.00	77.00	5.00	F23183	0.01		0			
119.80	124.70	1fu,cb	100	40	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	77.00	82.00	5.00	F23184	0.17	2	0			
124.70	142.00	2fu	100	40	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	82.00	86.00	4.00	F23185	1.02	8	1		qs's, tr cpy	
142.00	174.00	1cb, fu	95	40	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	86.00	90.00	4.00	F23186	1.38	4	1		tr cpy	
174.00	209.40	1fu	100	40	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	90.00	95.00	5.00	F23187	0.07	1	0			
209.40	216.40	7bn,se,qs,PY	100	70	green,mod-str fuch,motl,15% rust patches,4% qs,tr-1% py,loc tr cpy	95.00	98.00	3.00	F23188	0.15	6	0		2" qs	
					lt green,mod-str fuch,motl,mn rust,3% qs,tr py,4" qv @ 126.8'	98.00	101.00	3.00	F23189	0.03	4	0			
					grey/green-green,loc tr-mod fuch,10% 1fu,10% rust patches,1% qs	101.00	103.50	2.50	F23190	0.47	8	0			
					green-grey/green,mod-str fuch,mbx w/ motl patches,7% rust patches,rust at lower cnt,4% qs	103.50	105.50	2.00	F23191	0.19	6	0			
					olive green/grey,tr-wk se,rust at cnts,20% qs < 1.5" wide,13% py, tr cpy, tr vg in flat qs @ 210.6'	105.50	110.00	4.50	F23192	0.37	7	0			
						110.00	113.00	3.00	F23193	0.43	6	0			
						113.00	114.00	1.00	F23194	0.21	75	0		QV,tm	
						114.00	118.00	4.00	F23195	0.05	2	0			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
216.40	240.00	lfu,2	100	40	poss mafic,lt green,mod-str fuch,motl w/ mbx patches,mn rust at cnts,4% qs,tr-1% py,rare cpy	118.00	122.00	4.00	F23196	0.01	7	0		
240.00	271.30	7bn,se,qs,Py	95	40	olive green /grey,wk-mod se,rust at cnts,13% qs < 3" wide predom 60-80 deg tca,5% py,loc tr ga	122.00	126.00	4.00	F23197	0.01	1	0		
271.30	297.60	lfu	95	40	green,mod-str fuch,mbx/motl,10% rust patches,3% qs < 2.5" wide,tr py	126.00	128.00	2.00	F23198	0.30	30	0		4" qv
297.60	310.00	lcb,fu	95	40	grey/green,tr-wk fuch,10% rust patches,tr-1% qs	128.00	132.00	4.00	F23199	0.15	4	0		
310.00	311.70	7	100	50	grey,wk se/cb,tr qs	132.00	137.00	5.00	F23200	0.07	4	0		
311.70	321.00	lcb	100	40	grey,tr fuch,10% wk rust patches	137.00	142.00	5.00	F23201	0.01	2	0		
321.00	330.00	lcb,fu	95	40	grey/green,tr-wk fuch,35% wk rust patches,tr qs	142.00	147.00	5.00	F23202	0.06	3	0		
330.00	371.00	ltc,ch,cb	100	40	dk grey/green,wk-mod ch,tr-wk cb,mn rust patches	147.00	152.00	5.00	F23203	0.21	0	0		
371.00	458.00	ltc,ch	100	40	dk grey/green-grey,loc wk-mod ch,mn cb,loc mn rust	152.00	157.00	5.00	F23204	0.08	1	0		
458.00	458.80	FZ	0		blocky/broken core,25% gouge	157.00	162.00	5.00	F23205	0.06	4	0		2" qs
458.80	508.60	ltc	100	40	dk grey,loc wk ch/mn cb,E.OH.	162.00	167.00	5.00	F23206	0.03	0	0		
						167.00	172.00	5.00	F23207	0.06	0	0		
						172.00	177.00	5.00	F23208	0.02	0	0		
						177.00	182.00	5.00	F23209	0.13	5	0		
						182.00	187.00	5.00	F23210	0.12	5	0		
						187.00	192.00	5.00	F23211	0.01	3	0		
						192.00	197.00	5.00	F23212	0.11	0	0		
						197.00	201.00	4.00	F23213	0.17	0	0		
						201.00	204.00	3.00	F23214	0.01	1	0		
						204.00	207.00	3.00	F23215	0.26	4	1		
						207.00	209.40	2.40	F23216	0.17	13	1		
						209.40	211.40	2.00	F23217	5.64	25	10		vg in qs
						211.40	213.90	2.50	F23218	4.51	18	13		tr cpy
						213.90	216.40	2.50	F23219	13.25	18	15		tr cpy
						216.40	218.40	2.00	F23220	0.15	5	0		
						218.40	222.40	4.00	F23221	0.16	8	1		flat qs
						222.40	226.40	4.00	F23222	0.55	3	0		tr cpy
						226.40	230.40	4.00	F23223	0.90	4	1		
						230.40	234.40	4.00	F23224	0.04	2	0		
						234.40	238.00	3.60	F23225	0.15	3	0		
						238.00	240.00	2.00	F23226	0.01	3	0		
						240.00	242.00	2.00	F23227	0.41	10	5		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						242.00	245.00	3.00	F23228	0.23	8	4		tr ga
						245.00	248.00	3.00	F23229	0.77	8	4		
						248.00	251.00	3.00	F23230	0.22	20	3		qs's
						251.00	254.00	3.00	F23231	0.62	45	4		qs's, tr ga
						254.00	257.00	3.00	F23232	0.80	7	7		
						257.00	260.00	3.00	F23233	0.96	10	5		
						260.00	263.00	3.00	F23234	1.30	8	4		
						263.00	266.00	3.00	F23235	3.12	12	3		
						266.00	269.00	3.00	F23236	0.37	6	4		
						269.00	271.30	2.30	F23237	1.09	18	5		
						271.30	273.30	2.00	F23238	0.04	6	0		
						273.30	277.30	4.00	F23239	0.18	2	0		
						277.30	282.30	5.00	F23240	0.04	0	0		
						282.30	287.30	5.00	F23241	0.11	5	0		
						287.30	292.30	5.00	F23242	0.04	2	0		
						292.30	297.30	5.00	F23243	0.08	4	0		
						297.30	302.30	5.00	F23244	0.08	1	0		
						302.30	307.30	5.00	F23245	0.11	2	0		
						307.30	310.00	2.70	F23246	0.01	0	0		
						310.00	311.70	1.70	F23247	0.01	1	0		dyke
						311.70	316.70	5.00	F23248	0.01	1	0		
						316.70	321.70	5.00	F23249	0.01		0		
						321.70	326.70	5.00	F23250	0.05	2	0		
						326.70	331.70	5.00	F23251	0.03	0	0		
						331.70	508.60	176.90						EOH

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-23	209.4	216.4	7.95					Main			



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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-24	13922.1	5681.1	10902.7	548	2/28/02	EZ Shot	BQ	S. Harding	S	Hopson	L2+50E, 2+50N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	160	-69	13922.10	5681.10	10902.70						
55.00	161	-71	13928.39	5663.37	10851.02						
300.00	164	-70	13952.92	5585.39	10620.09						
500.00	166	-70	13970.62	5519.33	10432.15						

Mining Claim: **12579**

Start Date	End Date
2/25/02	2/26/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	6.70	OB				0.00	6.70	6.70						OB
6.70	15.00	1tc, ch	90	40	grey/green, wk ch, loc mn rust	6.70	43.00	36.30						
15.00	39.00	2,p, ch, cb	95	40	green-grey/green, tr-wk cb, loc mn vars/rust	43.00	48.00	5.00	F23252	0.29		0		
39.00	53.00	2,m, ch, se	100	40	grey/green, msv-wkly pil, mn rust at top, tr fuch at end, tr qs	48.00	53.00	5.00	F23253	0.36	4	0		
53.00	72.00	2fu, p	100	40	lt green, mod-str fuch, wkly pil/motl, loc mn vars/rust, 2% qs, tr-1% py, loc tr tm/cpy	53.00	58.00	5.00	F23254	0.06		0		
72.00	103.00	2,p, ch, cb	100	40	grey/green, mn se/fuch at ends, wk cb, loc mn vars, tr rust	58.00	62.00	4.00	F23255	0.02		0		
103.00	133.30	2fu, p	95	40	lt green-grey/green, mod-str fuch, motl, loc mn vars/rust, rust at lower cnt, 3% qs, tr py/cpy	62.00	66.00	4.00	F23256	2.03	12	1		qs's
133.30	139.30	1cb, fu	100	40	grey/green-tr-wk fuch, loc mn rust, 3% qs	66.00	70.00	4.00	F23257	0.46	2	0		tr cpy
139.30	149.60	1cb	95	40	grey, loc mn rust, tr fuch at margins, tr-1% qs	70.00	75.00	5.00	F23258	0.01		0		
149.60	152.40	2fu, p	100	40	grey/green, mod fuch, 15% rust at top, mn rust at cnts, 4% qs	75.00	80.00	5.00	F23259	0.02	0	0		
152.40	165.70	2Bl, p	90	40	lt grey, mod bl, wkly pil-msv, loc mn se/cb/si, 15% rust incl cnts, 1% qs, tr-1% py, loc tr cpy	80.00	85.00	5.00	F23260	0.01		0		
165.70	180.70	2fu, p	95	40	lt green-grey/green, mod-str fuch, 10% rust patches, tr-1% qs, tr vg in 0.25" qs @ 167.2'	85.00	90.00	5.00	F23261	0.03		0		
180.70	191.00	2Bl	95	30	lt grey, mod-str bl, loc wk si, 13% rust patches, 3% fuch frags, 5% qs, tr-1% py	90.00	95.00	5.00	F23262	0.02	0	0		
191.00	208.80	1fu	100	40	green, mod-str fuch, 7% rust patches, rust at lower cnt, 2% qs	95.00	100.00	5.00	F23263	0.02	0	0		
208.80	218.30	2Bl, qs	90	40	grey-tan at end, mod bl-str at end, mn fuch frags at top, mn rust incl top cnt, 6% qs, 4% py, loc tr cpy	100.00	105.00	5.00	F23264	0.39	0	0		
218.30	226.50	7bn, qs, Py, vg	95	40	olive green-grey, tr-wk se, loc mn rust, 18% qs, 8% py, tr cpy, tr vg in qs @ 218.6 & 219.1'	105.00	109.00	4.00	F23265	0.91	2	1		
						109.00	113.00	4.00	F23266	0.31	3	0		
						113.00	117.00	4.00	F23267	0.80	4	0		
						117.00	121.00	4.00	F23268	0.17	4	0		
						121.00	125.00	4.00	F23269	0.32	5	0		tr cpy
						125.00	129.00	4.00	F23270	0.74	4	0		tr cpy
						129.00	133.30	4.30	F23271	0.07	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
226.50	246.20	2Bl,p	100	40	grey-tan at top.mod bl.loc mn se/cb/tr fuch.4% qs,2% py,tr vg in tiny qs @ 226.7,239.4 & 245.2'	133.30	136.90	3.60	F23272	0.02	2	0		
						136.90	141.90	5.00	F23273	0.04	5	0		flat qs
246.20	249.70	1fu,2	100	40	green.str fuch,tr qs	141.90	146.90	5.00	F23274	0.02	0	0		
249.70	272.20	7bn.se.qs,Py	95	40	olive green/grey,wk-mod se,tr rust at end.15% qs,6% py,loc tr cpy,tr vg in qs @ 250.7,259.7 & 264.4'	146.90	149.60	2.70	F23275	0.01	1	0		
						149.60	152.40	2.80	F23276	0.19	4	0		
272.20	281.00	1cb,fu	100	40	grey/green-grey,tr-wk fuch,3% qs loc w/ tm	152.40	155.40	3.00	F23277	0.77	2	0		
281.00	313.50	1cb	100	40	grey-mn grey/green,loc tr-wk fuch,10% rust patches,3% qs	155.40	158.40	3.00	F23278	0.20	0	0		
313.50	324.50	1fu,qs	100	40	green-grey/green,wk-mod fuch,loc mn rust patches,5% qs loc w/ tm,5 spks vg in flat qs from 321-323.3	158.40	161.40	3.00	F23279	0.82	0	0		
						161.40	163.70	2.30	F23280	7.20	1	1		tr cpy
324.50	336.00	1cb,fu	95	40	grey/green,loc tr-wk fuch,15% wk rust patches,3% qs	163.70	165.70	2.00	F23281	7.30	1	1		
336.00	360.50	1fu	80	40	green,mod fuch,20% rust patches,5% qs,4" qv w/ tm @ 349.8',351.4-353.4': blocky w/ Flt @ 353'	165.70	167.70	2.00	F23282	1.46	2	2		vg in qs
						167.70	169.70	2.00	F23283	0.72	4	0		
360.50	376.00	1cb,fu	90	40	grey/green,tr-wk fuch,mn rust,1-2% qs, 2" qs w/ tm @ 370'	169.70	172.70	3.00	F23284	0.15	0	0		
						172.70	177.70	5.00	F23285	0.04		0		
376.00	393.70	1fu	90	40	green,mod-str fuch,15% rust patches,3% qs.sm flt w/ rust at lower cnt	177.70	180.70	3.00	F23286	0.14	2	0		
393.70	394.80	2fu,p	80	40	green,mod fuch,wk se,pil/phx,rust at top cnt	180.70	184.00	3.30	F23287	1.12	0	0		
394.80	409.30	2Bl,se,p	95	40	oliv green/grey,mod-str bl,wk se,mn fuch spks,pil w/ mn pbx,5% rust,rust at lower cnt,5% qs,2% py	184.00	187.00	3.00	F23288	1.37	8	2		
						187.00	189.00	2.00	F23289	0.30	3	1		
409.30	412.60	7bn	100	40	8fp?,grey,tr-wk se,rust at top cnt,7% qs,4% py	189.00	191.00	2.00	F23290	0.18	8	0		
412.60	421.60	2Bl,se,p,qs	100	40	olive green/grey/tan,mod-str bl,wk se,wk fuch spks,9% qs,1-2% py	191.00	193.00	2.00	F23291	0.05	2	0		
						193.00	197.00	4.00	F23292	0.39	5	0		
421.60	429.30	2fu,bl,m	100	40	lt green-grey/green,wk-mod fuch,loc wk bl/se,msv-wkly pil,5% qs,tr-1% py	197.00	201.80	4.80	F23293	0.20	2	0		
429.30	437.00	1cb,fu	100	40	grey/green-green,tr-wk fuch,mod-str fuch in top 2',tr rust,tr qs	201.80	205.80	4.00	F23294	0.04	1	0		
						205.80	207.80	2.00	F23295	0.16	1	0		
437.00	490.00	1cb,tc	100	40	grey,loc wk se,tr fuch at top,mn wk rust patches	207.80	210.70	2.90	F23296	0.63	1	0		
490.00	548.00	1tc,cb	100	40	grey,tr-wk cb,mn ch,loc mn rust patches,3" qcbv 20 deg tca w/ tr cpy @ 519.4',EOH.	210.70	213.70	3.00	F23297	2.98	3	1		
						213.70	215.70	2.00	F23298	6.02	7	3		
						215.70	217.70	2.00	F23299	10.61	7	8		
						217.70	219.70	2.00	F23300	37.70	35	12		2 x vg
						219.70	221.70	2.00	F23301	31.82	35	12		flat qs's
						221.70	223.70	2.00	F23302	10.99	6	6		
						223.70	225.70	2.00	F23303	0.96	7	5		

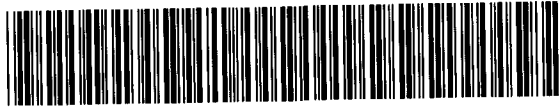
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						225.70	227.70	2.00	F23304	2.75	10	6		tr vg in qs
						227.70	229.70	2.00	F23305	1.16	3	1		
						229.70	231.70	2.00	F23306	0.57	1	0		
						231.70	234.20	2.50	F23307	0.12	0	1		
						234.20	236.20	2.00	F23308	2.19	10	2		
						236.20	238.20	2.00	F23309	0.24	1	2		
						238.20	240.20	2.00	F23310	1.53	5	1		tr vg in qs
						240.20	242.20	2.00	F23311	0.12	1	2		
						242.20	244.20	2.00	F23312	1.54	6	2		
						244.20	246.20	2.00	F23313	13.56	4	2		tr vg in qs
						246.20	249.70	3.50	F23314	0.25	1	0		
						249.70	251.70	2.00	F23315	16.91	6	7		tr vg in qs
						251.70	253.70	2.00	F23316	6.86	17	8		
						253.70	256.70	3.00	F23317	1.23	30	4		flat qs
						256.70	258.70	2.00	F23318	1.02	10	5		
						258.70	260.70	2.00	F23319	4.05	22	10		tr vg in qs
						260.70	262.70	2.00	F23320	0.49	10	6		
						262.70	264.70	2.00	F23321	0.77	8	6		tr vg in qs
						264.70	266.70	2.00	F23322	0.86	20	8		3" qs
						266.70	269.20	2.50	F23323	1.55	5	5		
						269.20	272.20	3.00	F23324	1.73	8	7		tr cpy
						272.20	274.20	2.00	F23325	0.02	4	0		
						274.20	277.20	3.00	F23326	0.01	4	0		qs,tm
						277.20	282.20	5.00	F23327	0.05	3	0		qs,tm
						282.20	287.20	5.00	F23328	0.12	0	0		
						287.20	292.20	5.00	F23329	5.49	6	0		2" qs,tm
						292.20	297.20	5.00	F23330	0.17	2	0		
						297.20	302.20	5.00	F23331	0.01	0	0		
						302.20	307.20	5.00	F23332	0.01	2	0		
						307.20	312.20	5.00	F23333	0.15	4	0		2" qs,tm
						312.20	315.20	3.00	F23334	0.06	8	0		2" qs,tm
						315.20	319.00	3.80	F23335	0.10	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						319.00	321.00	2.00	F23336	0.34	5	0		
						321.00	323.50	2.50	F23337	4.66	8	0		vg. qs
						323.50	326.00	2.50	F23338	0.03	2	0		
						326.00	331.00	5.00	F23339	0.06	3	0		
						331.00	336.00	5.00	F23340	0.01	3	0		2" qs.tn
						336.00	341.00	5.00	F23341	0.13	1	0		
						341.00	346.00	5.00	F23342	0.03	1	0		
						346.00	351.00	5.00	F23343	0.94	12	0		4" qv.tn
						351.00	356.00	5.00	F23344	0.04	8	0		
						356.00	361.00	5.00	F23345	0.28	7	0		
						361.00	366.00	5.00	F23346	0.04	1	0		
						366.00	371.00	5.00	F23347	0.01	4	0		2" qs.tn
						371.00	376.00	5.00	F23348	0.03	0	0		
						376.00	381.00	5.00	F23349	0.08	4	0		
						381.00	386.00	5.00	F23350	0.02	3	0		
						386.00	391.00	5.00	F23351	0.07	5	0		
						391.00	393.70	2.70	F23352	0.09	2	0		
						393.70	397.30	3.60	F23353	0.79	8	1		
						397.30	400.30	3.00	F23354	0.71	3	1		
						400.30	403.30	3.00	F23355	1.07	4	2		
						403.30	406.30	3.00	F23356	0.76	4	2		
						406.30	409.30	3.00	F23357	3.98	6	3		
						409.30	412.60	3.30	F23358	1.99	7	4		
						412.60	415.60	3.00	F23359	3.03	13	1		
						415.60	418.60	3.00	F23360	0.56	6	1		
						418.60	421.60	3.00	F23361	1.83	8	2		
						421.60	425.30	3.70	F23362	0.40	8	0		
						425.30	429.30	4.00	F23363	1.10	4	1		
						429.30	432.30	3.00	F23364	0.40	1	0		
						432.30	437.30	5.00	F23365	0.02	0	0		
						437.30	442.30	5.00	F23366	0.01	0	0		
						442.30	518.60	76.30						

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						518.60	520.00	1.40	F23367	0.01	50	0		qcbv.cpy
						520.00	548.00	28.00						EOH

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-24	210.7	227.7	12.39					Main			



42A10SW2029

2.24187

MACKLEM

082

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-25	13891	5633	10902	301.8	2/25/02	EZ Shot	BQ	S. Harding	S	Hopson	L2+00E,2+00N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	0	-90	13891.00	5633.00	10902.00						
85.00	40	-88	13891.95	5634.14	10817.03						
300.00	39	-88	13896.73	5639.93	10602.16						

Mining Claim: 12579

Start Date	End Date
2/20/02	2/21/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *M. Harding*

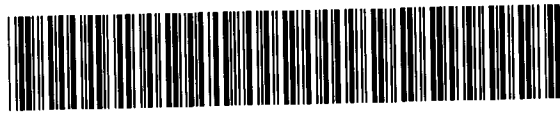
Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	3.20	OB				0.00	3.20	3.20						OB
3.20	11.70	7bn.qs,vg,Py	75	60	olive green/grey,tr-wk se,loc mn rust,10% qs < 1.5" wide,5% py,tr vg in qs's @ 5.0,5.8 & 7.7'	3.20	5.20	2.00	F23112	2.85	17	5		vg in qs
						5.20	7.20	2.00	F23113	7.58	8	5		vg in qs
11.70	16.20	1fu	90	60	green,mod-str fuch,motl,15% rust patches,rust at lower cnt,3% qs,tr-1% py	7.20	9.20	2.00	F23114	1.46	10	5		vg in qs
						9.20	11.70	2.50	F23115	0.31	5	5		
16.20	32.00	2,p,Bl	90	40	grey/tan,mod bl,mn rust patches,grad lower cnt,tr-1% qs,tr py,sm flt @ 28.6'	11.70	13.70	2.00	F23116	2.71	4	1		
						13.70	16.20	2.50	F23117	0.99	3	0		
32.00	115.00	2,p,ch	100	40	green-grey/green,mn bl at margins,mn cb.tr rust,pil-mn pbx,tr qs	16.20	19.20	3.00	F23118	4.05	1	1		
						19.20	22.20	3.00	F23119	0.15	1	0		
115.00	128.00	2,p,bl	100	40	grey/tan,wk bl,mn ch,grad cnts,2% qs	22.20	25.20	3.00	F23120	0.20	3	0		
128.00	143.00	2,p,ch,bl	100	40	grey/green,loc wk bl,wk pbx,tr-1% qs	25.20	28.20	3.00	F23121	0.06	0	0		
143.00	156.70	2,p,Bl	95	40	tan/grey,mod bl,mn ch frags/fuch frags,loc mn rust,1-2% qs	28.20	31.20	3.00	F23122	0.17	0	0		
156.70	158.20	1cb,fu	90	40	grey/green,wk fuch,mn rust,tr qs	31.20	35.20	4.00	F23123	0.02		0		
158.20	159.30	2Bl,vg,py	90	40	grey/mod bl,12% qs,5% py,tr vg in 1" qs at top cnt	35.20	40.20	5.00	F23124	1.06	1	0		
159.30	175.00	1cb,fu	90	40	grey/green,wk fuch,20% rust patches,1% qs	40.20	45.20	5.00	F23125	0.02	0	0		
175.00	195.00	1fu	95	40	green-grey/green,mod-str fuch,15% rust patches,2% qs,tm in 1.5" qs @ 187.2'	45.20	117.70	72.50						
						117.70	122.70	5.00	F23126	0.01	1	0		
195.00	210.00	1cb,fu	100	40	grey/green,loc tr-mod fuch,10% rust patches,2% qs	122.70	127.70	5.00	F23127	0.04	4	0		
210.00	230.00	1fu	95	40	green,mod-str fuch,15% rust patches,5% qs,loc tr cpy	127.70	132.70	5.00	F23128	0.01	1	0		
230.00	236.50	2fu,qs,py	100	40	green,str fuch,motl,10% rust incl lower cnt,7% qs < 1" wide,2% py	132.70	137.70	5.00	F23129	0.01	0	0		
						137.70	142.70	5.00	F23130	0.02	1	0		
236.50	244.20	7bn,qv,qs,PY	95	60	grey,loc tr-wk se,mn rust at top cnt,18% qs,12% py,loc tr cpy,0.8' qv @ 242.2',tr vg in qs @ 240.4'	142.70	145.70	3.00	F23131	0.01	2	0		
						145.70	148.70	3.00	F23132	0.01	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
244.20	265.60	2fu.qs	95	40	green.mod-str fuch.motl/wkly pil,6% qs < 2" wide.1% py.loc tr cpy	148.70	151.70	3.00	F23133	0.04	3	0		
265.60	273.60	1cb.fu	90	30	grey/green,tr-wk fuch.rust at lower cnt.2% qs	151.70	154.70	3.00	F23134	0.01	0	0		
273.60	277.80	2fu,p	90	30	grey/green.wk-mod fuch,motl/pil,loc mn rust,3% qs.tr-1% py	154.70	156.70	2.00	F23135	0.01	1	0		
277.80	282.00	2,p,Bl	100	30	tan,wk-mod bl,mn fuch spks/rust,pil w/ mn vars,tr-1% qs	156.70	158.20	1.50	F23136	0.02	2	0		
282.00	293.80	2fu,p	100	30	grey/green,loc tr-wk fuch,wk se,mn bl patches,tr qs	158.20	159.50	1.30	F23137	9.50	13	4		vg in qs
293.80	296.50	2,p,Bl	100	30	grey/tan,mod bl,wk se,mn fuch spks,3% qs,1% py	159.50	161.50	2.00	F23138	0.02	2	0		
296.50	301.80	1fr	100	30	green.str fuch,mn rust,3% qs,tr py,tr vg in qs @ 298.4',EOH.	161.50	165.00	3.50	F23139	0.01	0	0		
						165.00	170.00	5.00	F23140	0.01	2	0		
						170.00	175.00	5.00	F23141	0.01	3	0		
						175.00	180.00	5.00	F23142	0.21	1	0		
						180.00	185.00	5.00	F23143	0.10	0	0		
						185.00	190.00	5.00	F23144	0.23	4	0		
						190.00	195.00	5.00	F23145	0.82	4	0		
						195.00	200.00	5.00	F23146	0.01	1	0		
						200.00	205.00	5.00	F23147	0.03	3	0		
						205.00	210.00	5.00	F23148	0.04	2	0		
						210.00	215.00	5.00	F23149	0.21	3	0		
						215.00	220.00	5.00	F23150	0.01	4	0		
						220.00	225.00	5.00	F23151	3.24	12	0		flat qs's
						225.00	229.50	4.50	F23152	0.04	3	0		tr cpy
						229.50	232.50	3.00	F23153	0.75	5	0		
						232.50	234.50	2.00	F23154	4.84	12	4		qs's
						234.50	236.50	2.00	F23155	1.16	5	1		
						236.50	239.00	2.50	F23156	5.42	18	10		
						239.00	241.50	2.50	F23157	6.79	20	13		vg in qs
						241.50	244.20	2.70	F23158	4.94	45	10		qv,qs
						244.20	246.20	2.00	F23159	0.70	7	2		tr cpy
						246.20	248.20	2.00	F23160	0.65	10	2		
						248.20	251.20	3.00	F23161	0.30	4	1		tr cpy
						251.20	254.20	3.00	F23162	1.37	8	2		2" qs,tm
						254.20	257.60	3.40	F23163	0.16	1	0		
						257.60	261.60	4.00	F23164	0.26	5	1		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						261.60	265.60	4.00	F23165	0.58	5	0		tr cpy
						265.60	269.60	4.00	F23166	0.05	2	0		
						269.60	273.60	4.00	F23167	0.03	2	0		
						273.60	278.00	4.40	F23168	0.66	3	0		
						278.00	282.00	4.00	F23169	0.07	1	0		
						282.00	286.80	4.80	F23170	0.01	0	0		
						286.80	290.80	4.00	F23171	0.04		0		
						290.80	293.80	3.00	F23172	0.38	1	0		
						293.80	296.50	2.70	F23173	0.48	3	1		
						296.50	299.00	2.50	F23174	0.73	3	0		vg in qs
						299.00	301.80	2.80	F23175	0.10	3	0		FOH

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-25	232.5	244.2	4.77					Main			



42A10SW2029

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Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-26	13862	5579	10902	538	2/22/02	EZ Shot	BQ	S. Harding	S	Hopson	L1+50E,1+60N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-62	13862.00	5579.00	10902.00	
55.00	341	-63	13853.52	5602.94	10853.22	
290.00	346	-63	13823.25	5705.13	10643.83	
500.00	348	-62	13801.47	5799.60	10457.56	

Mining Claim: 12579

Start Date	End Date
2/19/02	2/20/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

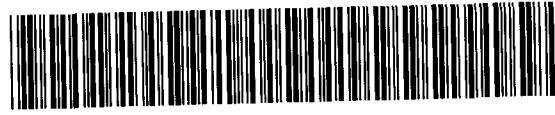
Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	9.00	OB				0.00	9.00	9.00						OB
9.00	20.50	1tc,ch	70	50	grey/green,wk-mod ch	9.00	47.30	38.30						
20.50	49.50	2fe,m,ch,cb	100	50	green-grey/green,wk cb,loc wk-mod lx,loc mn rust,tr qcbs	47.30	52.30	5.00	F23005	0.02	0	0		
49.50	64.30	2cb,m	100	50	grey/green,finer grained,msv-wkly pil,wk cb/ch,mod lx,wk bl in lower 4',tr qcbs,60.4-62.8: rust	52.30	57.30	5.00	F23006	0.02	0	0		
64.30	71.00	2,m,bl,fb	100	50	lt grey/green,loc wk-mod bl,tr-wk fuch,15% rust incl cnts,tr qs	57.30	61.30	4.00	F23007	0.24	1	1		
71.00	80.00	2cb,p	95	50	grey/green,wk cb,loc wk se/tr fuch,mn bl,mn rust,tr qs	61.30	64.30	3.00	F23008	0.03	0	2		
80.00	85.80	2fu,p	95	50	lt green,mod fuch,15% rust patches,mn rust at lower cnt,1% qs	64.30	67.30	3.00	F23009	0.29	1	0		
85.80	104.10	7bn.se,qs,Py	90	50	olive green/grey-grey,tr-wk se,25% rust patches,rust at cnts,broken core at lower cnt,8% qs,7% py	67.30	71.30	4.00	F23010	0.01	0	0		
104.10	109.80	1fu	100	50	green,mod-str fuch,10% rust,mn rust at top cnt,2% qs	71.30	75.30	4.00	F23011	0.09	1	0		
109.80	146.40	2Bl	90	50	grey-mn grey/green,mod Bl-wkly bl in middle,mn ch/cb,30% rust,1% qs,sm flts @ 131.5,140.7 & 143'	75.30	79.80	4.50	F23012	0.03		0		
146.40	181.00	1fu	100	50	green-grey/green,loc wk-str fuch,mn 2fu,7% rust patches,2% qs	79.80	83.80	4.00	F23013	0.15	3	0		
181.00	188.50	1cb,fb	100	50	grey/green,tr-wk fuch,10% rust patches,tr qs	83.80	85.80	2.00	F23014	0.14		1		
188.50	207.20	1fu	100	50	green-grey/green,mod-str fuch,8% rust,5% qs,tr-1% py,3" qs w/ tm @ 193',0.7' bl mafics @ 201.6'	85.80	87.80	2.00	F23015	0.28	12	7		
207.20	211.00	2,p,bl	100	50	tan/mn grey/green,wk-mod bl,wk ch at end,pil w/ mn vars,8% qs,loc tr tm,2% py	87.80	89.80	2.00	F23016	0.43	8	6		
211.00	249.00	2cb,p	100	50	grey/green w/ tan patches,loc wk-mod bl,wk cb/ch,tr fuch at end,tr rust,loc mn vars,tr qs	89.80	91.80	2.00	F23017	0.51	15	7		2.5" qs
						91.80	93.80	2.00	F23018	1.92	8	8		
						93.80	95.80	2.00	F23019	1.58	6	8		
						95.80	97.80	2.00	F23020	0.27	2	7		
						97.80	99.80	2.00	F23021	0.13	4	6		
						99.80	101.80	2.00	F23022	5.14	6	8		
						101.80	104.10	2.30	F23023	6.26	5	8		
						104.10	106.80	2.70	F23024	0.09	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
459.30	462.60	8fp.qs,Py	100	50	grey,13% qs < 1" wide,5% py	235.70	240.70	5.00	F23057	0.04	0	0		
462.60	468.00	1ch,ft,eh	90	40	grey/green.tr-wk fuch/ch.8% flat qs	240.70	245.70	5.00	F23058	0.02	0	0		
468.00	487.00	1tc,ch,cb	100	40	dk grey/green,wk-mod ch.tr-wk cb	245.70	249.50	3.80	F23059	0.01	2	0		
487.00	509.20	2,m,eh,he	100	50	dk grey/green w/ loc reddish tinge,tr-wk hem in lower half,mn cb,tr-1% qcbs	249.50	251.50	2.00	F23060	0.01	2	0		
509.20	538.00	1tc,ch	100	40	grey/green,wk ch,EOH.	251.50	253.50	2.00	F23061	0.85	5	10		1.1' 7bn
						253.50	256.00	2.50	F23062	0.73	3	5		
						256.00	258.20	2.20	F23063	0.03	5	3		
						258.20	260.70	2.50	F23064	0.07	13	3		tr cpy
						260.70	262.50	1.80	F23065	0.01	4	0		1.3' dyke
						262.50	267.00	4.50	F23066	0.01	2	0		
						267.00	272.00	5.00	F23067	0.01	1	0		
						272.00	277.00	5.00	F23068	0.02	2	0		
						277.00	282.00	5.00	F23069	0.07	2	0		
						282.00	287.00	5.00	F23070	0.01	0	0		
						287.00	289.00	2.00	F23071	0.06	4	0		
						289.00	291.00	2.00	F23072	3.77	7	13		
						291.00	293.00	2.00	F23073	36.27	15	12		tr vg
						293.00	295.00	2.00	F23074	3.65	12	8		vg in qs
						295.00	297.00	2.00	F23075	1.41	3	5		
						297.00	298.20	1.20	F23076	1.65	60	6		QV
						298.20	300.40	2.20	F23077	7.19	12	8		vg in qs
						300.40	302.40	2.00	F23078	1.05	3	5		
						302.40	304.60	2.20	F23079	0.29	10	0		2.5" qs
						304.60	307.60	3.00	F23080	0.08	8	0		
						307.60	311.60	4.00	F23081	0.03	3	0		
						311.60	316.60	5.00	F23082	0.38		0		1' dyke
						316.60	321.60	5.00	F23083	0.01		0		
						321.60	325.40	3.80	F23084	0.01		0		
						325.40	328.40	3.00	F23085	0.01	1	0		
						328.40	333.40	5.00	F23086	0.56	1	0		
						333.40	338.40	5.00	F23087	0.10	2	0		
						338.40	343.40	5.00	F23088	0.01	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
343.40	348.40					343.40	348.40	5.00	F23089	0.01	0	0		
						348.40	353.40	5.00	F23090	0.01	1	0		
						353.40	356.80	3.40	F23091	0.01	0	0		
						356.80	359.20	2.40	F23092	0.01		0		
						359.20	362.20	3.00	F23093	0.01	1	2		
						362.20	365.20	3.00	F23094	1.70	8	1		
						365.20	368.20	3.00	F23095	0.75	12	2		qs's
						368.20	371.20	3.00	F23096	0.01	1	0		
						371.20	374.10	2.90	F23097	0.06		0		
						374.10	377.60	3.50	F23098	0.13	1	0		
						377.60	381.10	3.50	F23099	0.08	2	0		
						381.10	386.00	4.90	F23100	0.01	1	0		
						386.00	391.00	5.00	F23101	0.03	1	0		
						391.00	396.00	5.00	F23102	0.01	0	0		
						396.00	397.50	1.50	F23103	0.46	1	2		0.8' 8fp
						397.50	400.50	3.00	F23104	0.01	10	0		
						400.50	405.50	5.00	F23105	0.01	0	0		
						405.50	410.50	5.00	F23106	0.02		0		0.5' 8fp
						410.50	451.30	40.80						
						451.30	456.30	5.00	F23107	0.02	3	0		
						456.30	459.30	3.00	F23108	0.02	3	0		
						459.30	462.60	3.30	F23109	0.19	13	5		8fp,qs's
						462.60	465.60	3.00	F23110	0.01	12	0		flat qs
						465.60	470.60	5.00	F23111	0.01	5	0		flat qs
						470.60	538.00	67.40						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-26	289	302.4	8.22					Main			



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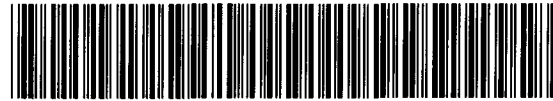
Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-27	13862	5579	10902	351	2/20/02	EZ Shot	BQ	S. Harding	S	Hopsen	L1+50E,1+60N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	0	-90	13862.00	5579.00	10902.00						
85.00	96	-88	13863.48	5578.84	10817.03						
350.00	115	-88	13872.26	5576.41	10552.19						

Mining Claim: 12579
 Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled
 Signed by: *[Signature]*

Start Date	End Date
2/18/02	2/20/02

Feet					REMARKS	Fee					% Qtz	% Py	% Aspy	Remarks	
FROM	TO	ROCK-TYPE	RQD	C.A.		FROM	TO	WIDTH	SAMPLE #	AU G/T					
0.00	13.00	OB				0.00	13.00	13.00							OB
13.00	82.50	ltc	90	45	grey-mn grey/green,loc wk ch,loc mn rust patches,str ch at lower cnt	13.00	79.50	66.50							
82.50	88.30	8fp,he	90	30	reddish/pink,mod hem,ch cnts,mn rust at cnts,mn gouge at top cnt,4% qs,tr-1% py	82.50	85.30	2.80	F22954	0.04		0			8fp
88.30	89.60	ltc,ch	0	30	blocky,dk green,str ch	85.30	88.30	3.00	F22955	0.04		6	1		8fp
89.60	90.00	FZ	0		broken core/gouge	88.30	91.30	3.00	F22956	0.01					0.4' FZ
90.00	101.00	ltc,cb	95	45	grey,wk-mod cb,wk ch at top,30% wk rust patches	91.30	168.40	77.10							
101.00	171.00	ltc	100	45	dk grey,mn pale green talc,loc mn rust,mn cb in lower 7',str ch at end	168.40	171.40	3.00	F22957	0.01					0.4' FZ
171.00	171.40	FZ	0		broken core/gouge,str ch	171.40	175.20	3.80	F22958	0.05		2	0		8fp
171.40	179.20	8fp,he	90	60	pink/red,wk-mod hem,mn ch,str ch at cnts,mn gouge at lower cnt,1% qs,tr py	175.20	179.20	4.00	F22959	0.15		1	0		8fp
179.20	210.00	ltc	100	45	grey,mn cb,mn ch at top cnt,loc mn rust patches	179.20	182.20	3.00	F22960	0.01					
210.00	228.00	lcb,tc	100	45	grey,mn tc,grad cnts,15% wk rust patches,tr qcbs	182.20	213.90	31.70	F22961	0.01					
228.00	231.70	lcb,fu	100	45	grey/green,tr-wk fuch,mn rust,tr qs	213.90	218.90	5.00	F22962	0.01		0	0		
231.70	233.90	lfu	100	45	green,mod fuch,tr qs	218.90	223.90	5.00	F22963	0.01		1	0		
233.90	240.20	7bn,PY	100	80	grey,tr-wk se in top 1.5',8% qs < 1" wide 20-60 deg tca,10% py	223.90	228.90	5.00	F22964	0.01		0	0		
240.20	248.60	lfu	95	50	green,mod-str fuch,loc mn rust,1% qs	228.90	231.90	3.00	F22965	0.02		2	0		
248.60	257.00	lcb,fu	95	50	grey/green,tr-wk fuch/se,mn rust,tr qs	231.90	233.90	2.00	F22966	0.01					
257.00	260.10	lfu	100	50	green,mod-str fuch,1% qs	233.90	236.20	2.30	F22967	20.40		12	10		
260.10	267.00	7bn,se	100	70	olive green/grey,wk-mod se,5% qs < 0.5" wide,3% py	236.20	238.20	2.00	F22968	2.06		6	13		
267.00	273.90	lcb,fu	100	50	grey/green,loc tr-mod fuch,6% qs	238.20	240.20	2.00	F22969	1.03		7	7		
						240.20	242.20	2.00	F22970	0.03		1	0		
						242.20	246.20	4.00	F22971	0.36		2	0		
						246.20	250.20	4.00	F22972	0.05		3	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
273.90	286.30	7bn,se	95	40	grey-olive green/grey.tr-wk se.0.5' 1fu @ 283.6',6% qs.2% py.loc tr cpy/ga	250.20	254.20	4.00	F22973	0.02	0	0		
						254.20	258.10	3.90	F22974	0.05	2	0		
286.30	292.50	1cb, fu	95	50	grey/green.tr-wk fuch,mn rust	258.10	260.10	2.00	F22975	0.04	3	0		
292.50	295.20	7bn,sl	100	70	grey,mn se,wkly si,2% qs.tr-1% py	260.10	262.60	2.50	F22976	0.70	3	2		
295.20	297.10	1fu	90	50	green.mod-str fuch,2% qs	262.60	264.60	2.00	F22977	0.16	10	3		
297.10	298.00	7bn,sl, fu	100	60	0.7' 7bn/8fp,wkly si,mn se	264.60	267.00	2.40	F22978	0.41	2	3		
298.00	298.80	QV	100	35	approx 0.4' msv wh QV,tr py	267.00	270.50	3.50	F22979	0.38	6	0		
298.80	351.00	1fu	95	50	green.mod-str fuch, 10% rust patches,wk bl in lower 7',4% qs.EOH.	270.50	273.90	3.40	F22980	0.15	6	0		
						273.90	275.90	2.00	F22981	1.21	2	2		
						275.90	277.90	2.00	F22982	1.09	8	1		
						277.90	279.90	2.00	F22983	0.55	8	4		
						279.90	281.90	2.00	F22984	2.23	8	2		
						281.90	284.30	2.40	F22985	0.12	10	1		0.5' 1fu
						284.30	286.30	2.00	F22986	0.36	1	2		
						286.30	289.30	3.00	F22987	0.13	0	0		
						289.30	292.50	3.20	F22988	0.03	0	0		
						292.50	295.20	2.70	F22989	0.16	2	1		
						295.20	297.10	1.90	F22990	0.11	2	0		
						297.10	298.00	0.90	F22991	0.47	0	0		
						298.00	299.00	1.00	F22992	2.29	65	0		0.4' QV
						299.00	302.00	3.00	F22993	0.94	10	0		
						302.00	307.00	5.00	F22994	0.05	1	0		
						307.00	312.00	5.00	F22995	0.20	0	0		
						312.00	316.00	4.00	F22996	0.78	12	0		
						316.00	320.00	4.00	F22997	0.23	4	0		
						320.00	325.00	5.00	F22998	0.07	1	0		
						325.00	330.00	5.00	F22999	0.10		0		
						330.00	334.00	4.00	F23000	0.09	1	0		
						334.00	338.00	4.00	F23001	0.44	8	1		
						338.00	342.00	4.00	F23002	0.34	4	0		
						342.00	346.00	4.00	F23003	0.27	5	1		
						346.00	351.00	5.00	F23004	1.31	3	0		EOH. 2



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MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-28	13836	5510	10902	557.8	2/18/02	EZ Shot	BQ	S. Harding	S	Hopson	L1+00E, 1+00N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-55	13836.00	5510.00	10902.00						
65.00	341	-55	13823.56	5545.14	10848.76						
290.00	344	-56	13785.21	5666.63	10663.33						
480.00	348	-52	13758.40	5774.90	10509.71						

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Start Date	End Date
2/15/02	2/18/02

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Fee		WIDTH	SAMPLE #	AU GT	% Qtz	% Py	% Aspy	Remarks
FROM	TO					FROM	TO							
0.00	19.40	OB				0.00	19.40	19.40						OB
19.40	71.30	1tc,cb	95	50	grey, tr-wk cb, 35% rust patches	19.40	144.00	124.60						
71.30	79.00	2cb,m	95	50	reddish grey, wk hem, mod lx, tr-wk cb, rust at cnts, tr qs	144.00	149.00	5.00	F22868	0.01		0		
79.00	105.00	1tc,cb	95	50	grey, wk cb, 40% rust patches, tr qcbs	149.00	154.00	5.00	F22869	0.03		0		
105.00	145.00	1tc	100	50	dk grey, mn cb, 20% wk rust patches	154.00	159.00	5.00	F22870	0.01		0	0	
145.00	158.00	1cb,tc	100	50	grey, 35% wk rust patches	159.00	162.00	3.00	F22871	0.01		4	0	
158.00	162.00	1cb,fu	100	50	grey-green, tr-wk fuch in lower 2.5', 2% qs	162.00	164.00	2.00	F22872	0.22		7	1	1' 7bn
162.00	163.00	7bn,se	100	60	lt olive green/grey, tr-wk se, tr qs, 3% py	164.00	166.50	2.50	F22873	1.05		18	8	qs's
163.00	164.10	1fu,qs	100	60	green, mod fuch, 15% low angle qs < 0.5" wide	166.50	169.00	2.50	F22874	1.43		15	10	qs's, cpy
164.10	171.40	7bu,se,qs,Py	100	60	grey-olive green/grey, tr-wk se, mn fuch frags, mn rust at end cnt, 17% qs 0-20 deg tca, 7% py, loc tr cpy	169.00	171.40	2.40	F22875	0.74		18	5	qs's
171.40	183.00	1cb	95	50	grey-green, green at top, wk-mod fuch at top, loc mn rust, tr qcbs	171.40	173.40	2.00	F22876	0.02			0	
183.00	186.40	1cb,fu	95	50	grey/green, tr-mod fuch, mn rust, 5% qs, loc tr tm	173.40	178.40	5.00	F22877	0.12		2	0	
186.40	187.40	7bn,se	85	60	grey, tr-wk se, mn rust at lower cnt, 5% qs, tr-1% py	178.40	183.40	5.00	F22878	0.05		2	0	
187.40	191.80	1fu	90	60	green, mod-str fuch, 15% rust patches, 3% qs, loc tr tm	183.40	186.20	2.80	F22879	0.03		6	0	
191.80	192.80	7bn	100	60	green, mod-str fuch, 15% rust patches, 3% qs, loc tr tm	186.20	187.50	1.30	F22880	0.03		3	0	1' 7bn
192.80	210.00	1fu	90	50	grey/brown, tr se/cb, tr qs, 1% py	187.50	191.50	4.00	F22881	0.95		3	0	
210.00	231.80	1cb,fu	95	50	green, mod-str fuch, mn rust patches, loc se/bl patches, 2% qs	191.50	193.00	1.50	F22882	0.35		0	1	1' 7bn
231.80	233.20	QV,tm	100	35	grey/green, tr-mod fuch, 15% wk rust patches, tr-1% qs, loc tm in qs	193.00	196.00	3.00	F22883	0.47		8	0	
233.20	250.60	1cb,fu	95	50	grey/green, tr-mod fuch, 15% wk rust patches, tr-1% qs	196.00	200.00	4.00	F22884	0.15		2	0	
						200.00	205.00	5.00	F22885	0.20		2	0	
						205.00	210.00	5.00	F22886	0.12		0	0	
						210.00	215.00	5.00	F22887	0.04		3	0	

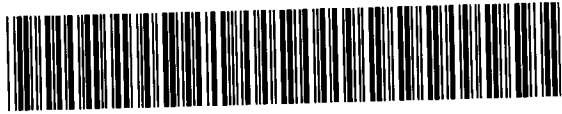
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
250.60	276.20	l fu	95	50	green,mod-str fuch,mn rust,3% qs < 1.5" wide.loc tm in qs	215.00	219.00	4.00	F22888	0.04	5	0		1.5" qs,tm
276.20	277.40	7,bl	90	55	yellow/grey/brown w/ green fuch spks,wk-mod bl/se,1% qs,3% py	219.00	223.00	4.00	F22889	0.11	0	0		
223.00	228.00					223.00	228.00	5.00	F22890	0.01		0		
277.40	284.20	7bn,se	95	60	olive green/grey,wk-mod se,6% qs,3% py	228.00	231.60	3.60	F22891	0.02	0	0		
284.20	287.40	lcb,fu	100	50	grey/green,tr-wk fuch,tr qs	231.60	233.30	1.70	F22892	0.92	75	1		QV,tm
287.40	288.00	7,se	100	70	8fp?,yellow/brown,wk-mod se,3% qs,tr py	233.30	238.30	5.00	F22893	0.20	1	0		
288.00	309.00	lcb	95	50	grey,loc wk se,25% rust patches	238.30	243.30	5.00	F22894	0.20	0	0		
309.00	319.50	lcb,fu	100	50	grey/green,tr-wk fuch	243.30	248.30	5.00	F22895	0.09	5	0		
319.50	334.20	l fu	90	40	green-grey/green,mod fuch,10% rust patches,mn rust at lower cnt,3% qs	248.30	252.30	4.00	F22896	0.11	6	0		1.5" qs,tm
252.30	256.30					252.30	256.30	4.00	F22897	0.11	2	0		
334.20	343.80	7bn,qv,qs,Py	95	35	lt grey,tr-wk se,wk rust in top 0.7',10% qs,8% py,loc tr cpy,0.8' qv @ 335.4',tr vg in qs @ 343.5'	256.30	260.30	4.00	F22898	0.63	6	0		
343.80	346.80	l fu,qs,vg	100	40	lt green,mottl,mod-str fuch,5% flat qs,1" qs at top cnt,1 flake vg in tiny qs 40 deg tea @ 344.1'	260.30	265.30	5.00	F22899	0.48	2	0		
265.30	270.20					265.30	270.20	4.90	F22900	0.24	0	0		
346.80	354.00	lcb,fu	95	40	grey/green,wk-mod fuch,mn rust,tr-1% qs	270.20	274.20	4.00	F22901	0.37	4	0		
354.00	356.80	7bn,8fp,Py	100	40	tan,mn se,6% qs,6% py	274.20	276.20	2.00	F22902	0.22	8	0		
356.80	369.70	lcb,se,fu	100	40	grey-grey/green,wk se,tr-mod fuch at margins,10% wk rust,wk rust at lower cnt	276.20	277.40	1.20	F22903	0.05	1	3		dyke?
277.40	279.70					277.40	279.70	2.30	F22904	0.06	6	2		
369.70	380.80	8fp,se,qs	90	30	olive green/grey-grey,loc tr-mod se,mn rust at cnts,top cnt 30,lower cnt 10 deg tea,10% qs,4% py	279.70	282.00	2.30	F22905	0.53	7	4		
282.00	284.20					282.00	284.20	2.20	F22906	0.27	4	3		
380.80	384.20	l fu	100	40	green,mod-str fuch,mn rust at top cnt,2% qs	284.20	286.20	2.00	F22907	0.02	0	0		
384.20	395.30	lcb,fu	95	40	grey/green,tr-wk fuch,loc wk se,15% rust patches,tr qs	286.20	291.20	5.00	F22908	0.03	0	0		0.6' dyke
395.30	401.50	l fu	90	40	green,mod-str fuch,8% 7bn? frags w/ tr-1% py,4% qs	291.20	296.20	5.00	F22909	0.04	0	0		
401.50	413.00	lcb,fu	100	40	grey/green-grey,tr-wk fuch,15% rust patches,tr qs	296.20	301.20	5.00	F22910	0.01	0	0		
413.00	422.00	l fu	95	40	green-grey/green,mod-str fuch 10% rust patches,1% qs	301.20	306.20	5.00	F22911	0.01	0	0		
422.00	429.80	lcb,fu,se	100	40	grey-grey/green,loc tr-wk fuc/wk se,mn rust,tr qs	306.20	311.20	5.00	F22912	0.03	0	0		
429.80	437.00	8fp,se	95	55	grey/brown,tr-wk se,wk cb,2% qs,1% py	311.20	316.20	5.00	F22913	0.08		0		
437.00	447.40	ltc,cb,ch	95	40	dk grey/green,wk cb,ch,mn rust	316.20	321.20	5.00	F22914	0.07	1	0		
447.40	452.70	7,ch,cb	100	40	dk grey/green,wk-mod ch,wk cb,1% qs,2% py	321.20	325.20	4.00	F22915	0.09	4	0		
452.70	504.50	ltc,ch,cb	100	40	dk grey/green,tr-wk cb,wk ch	325.20	329.20	4.00	F22916	0.03	4	0		
504.50	506.10	7,ch,cb	100	30	grey/green,wk ch/ch, ch fracs	329.20	332.20	3.00	F22917	0.02	2	0		
506.10	557.80	ltc,ch	100	40	dk grey/green-green,wk-mod ch,0.6' mafic dyke @ 534.5',FOH.	332.20	334.20	2.00	F22918	0.06	5	0		
334.20	336.20					334.20	336.20	2.00	F22919	5.59	45	8		0.8' qv

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						336.20	338.20	2.00	F22920	5.14	13	12		
						338.20	340.00	1.80	F22921	3.33	8	8		
						340.00	342.00	2.00	F22922	8.57	20	6		qs's
						342.00	343.80	1.80	F22923	1.23	8	5		vg in qs
						343.80	345.80	2.00	F22924	2.95	8	1		vg in qs
						345.80	348.80	3.00	F22925	0.05		0		
						348.80	352.00	3.20	F22926	0.03	5	0		
						352.00	354.00	2.00	F22927	0.03	1	0		
						354.00	356.80	2.80	F22928	2.00	6	6		
						356.80	358.80	2.00	F22929	0.04	1	0		
						358.80	363.80	5.00	F22930	0.02		0		
						363.80	367.70	3.90	F22931	0.01		0		
						367.70	369.70	2.00	F22932	0.01		0		
						369.70	372.70	3.00	F22933	0.14	8	3		
						372.70	375.70	3.00	F22934	1.76	10	5		
						375.70	378.70	3.00	F22935	0.82	15	5		qs's
						378.70	381.00	2.30	F22936	1.34	8	3		
						381.00	383.00	2.00	F22937	0.20	4	0		
						383.00	388.00	5.00	F22938	0.04	1	0		
						388.00	393.00	5.00	F22939	0.03	1	0		
						393.00	397.00	4.00	F22940	0.33	1	0		
						397.00	401.00	4.00	F22941	0.26	5	1		
						401.00	406.00	5.00	F22942	0.02		0		
						406.00	411.00	5.00	F22943	0.02	1	0		
						411.00	416.00	5.00	F22944	0.01	0	0		
						416.00	421.00	5.00	F22945	0.04	2	0		
						421.00	426.00	5.00	F22946	0.29	0	0		
						426.00	429.80	3.80	F22947	0.02	1	0		
						429.80	433.40	3.60	F22948	0.03	4	1		
						433.40	437.00	3.60	F22949	0.06	1	1		
						437.00	442.00	5.00	F22950	0.07	1	0		
						442.00	447.40	5.40	F22951	0.03	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						447.40	452.70	5.30	F22952	0.02	1	2		
						452.70	457.70	5.00	F22953	0.02		0		
						457.70	557.80	100.10						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-28	334.2	343.8	4.88					Main			



42A10SW2029

2.24187

MACKLEM

090

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-29	13836	5510	10902	509	2/18/02	EZ Shot	BQ	S. Harding	S	Hopson	L1+00E,1+00N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-76	13836.00	5510.00	10902.00		Mining Claim: <u>12579</u>				
55.00	341	-76	13831.56	5522.54	10848.63		Drill Contractor: NDS Drilling				
250.00	345	-77	13818.20	5566.03	10659.03		Storage Location of Core: N/A Whole Core Sampled				
500.00	347	-77	13804.60	5620.59	10415.44		Signed by: <u>M. Harding</u>				

Start Date	End Date
2/13/02	2/14/02

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	23.00	OB				0.00	23.00	23.00						OB
23.00	44.80	1tc,m	80	40	lt grey-grey/green,wk ch/ca,loc mn rust,tr qcs	23.00	96.30	73.30						
44.80	45.00	FZ	0		broken core,mn gouge	96.30	101.30	5.00	F22861	0.01		0		
45.00	101.30	1tc	95	40	grey,mbx/ps,mn pale green talc,loc mn rust,wk ch at end	101.30	106.30	5.00	F22862	0.01	3	0		
101.30	123.40	2fe,m,ch	95	40	grey/green-green,mod-str lx,tr-wk cb,mn bl at end,wk ch frags,tr-1% qcbs	106.30	111.30	5.00	F22863	0.03	2	0		
123.40	199.00	1tc	100	40	grey,mn pale green talc,tr rust,	111.30	116.30	5.00	F22864	0.01	0	0		
199.00	203.20	7	80	30	grey-grey/green,mn pink,str ch cnts,blocky core at cnts,wk se,msv,tr qs	116.30	120.40	4.10	F22865	0.01	1	0		
203.20	208.00	1cb,ch	90	30	grey-grey/green,mod-str ch at cnts,sm flt @ 207.7'	120.40	123.40	3.00	F22866	0.05	2	0		
208.00	209.40	8fp	95	30	grey-grey/green,str ch cnts	123.40	128.40	5.00	F22867	0.01			0	
209.40	227.00	1cb,tc	100	40	grey,tr-wk tc,25% wk rust patches	128.40	220.60	92.20					0	
227.00	236.00	1cb	100	40	grey-mn grey/green,mn fuch at end,30% wk rust patches,tr qas	220.60	225.60	5.00	F22812	0.03			0	
236.00	243.60	1fu	90	40	green-grey/green,wk-mod fuch,mn rust,7% qs	225.60	230.60	5.00	F22813	0.04			0	
243.60	264.20	7bn,se,qs	95	60	olive green/grey,loc wk-mod se,mn fuch frags at cnts,10% qs,4% py,tr vg in qs @ 249.4 & 250.4'	230.60	235.60	5.00	F22814	0.01	0	0		
264.20	286.00	1cb,fu	100	50	grey-grey/green,tr-mod fuch at margins,loc mn rust,tr qs	235.60	238.60	3.00	F22815	0.02	3	1		
286.00	330.50	1fu	100	50	green-grey/green,mod-str fuch,10% rust patches,mn 1cb in lower 10',1% qs,3.5" qv @ 296'	238.60	241.60	3.00	F22816	0.49	4	0		
330.50	348.00	2,p,se,ch	100	60	grey-grey/green,tr-mod fuch at margins,loc mn rust,tr qs	241.60	243.60	2.00	F22817	1.89	12	0		
348.00	372.50	2,p,ch	90	60	green-grey/green,mod-str fuch,10% rust patches,mn 1cb in lower 10',1% qs,3.5" qv @ 296'	243.60	245.60	2.00	F22818	5.69	13	4		
372.50	372.70	FZ	0		broken core,mn gouge	245.60	247.60	2.00	F22819	13.66	12	5		
					grey/green,wk ch/sc/ch,wkly pil-msv,loc mn vars,tr qcbs	247.60	249.60	2.00	F22820	2.63	8	7		vg in qs
					green-grey/green,mn cb,tr qcbs,1.6' mafic dyke @ 369'	249.60	251.60	2.00	F22821	13.39	10	8		vg in qs
						251.60	253.60	2.00	F22822	1.37	17	3		
						253.60	255.60	2.00	F22823	0.07	6	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
372.70	382.10	2,p,vr,ch	90	60	dk green,wk vars,mn cb,1.8' mafic dyke @ 273.5'	255.60	258.20	2.60	F22824	0.75	4	2		tr cpy
382.10	382.60	FZ	0		blocky/broken core,mn rust	258.20	261.20	3.00	F22825	0.01	8	3		
382.60	427.00	2,p,vr,ch	90	60	dk green-grey/green,wk-mod vars,tr-wk cb,tr qcbs	261.20	264.20	3.00	F22826	0.40	8	4		
427.00	438.00	2,p,ch,se	100	60	grey/green/brown,wk ch/se,mn cb,tr fuch,wk vars at top,tr qs	264.20	266.20	2.00	F22827	0.14	2	0		
438.00	442.40	2,p,bl	100	50	grey/brown w/ wk green fuch spks,wk-mod bl,3% qs,tr-1% py,loc tr cpy	266.20	271.20	5.00	F22828	0.28	1	0		
442.40	451.00	ifu	100	40	green-grey/green,wk-mod fuch,2% qs,3" bl mafic frag @ 443.6'	271.20	276.20	5.00	F22829	0.03				
451.00	460.90	7bn,se	100	50	green-grey/green,wk-mod fuch,2% qs,3" bl mafic frag @ 443.6'	276.20	281.20	5.00	F22830	0.04				
460.90	464.90	ifu	100	50	olive green/grey,wk-mod se,mn cb,7% qs,3% py,tr ga in qs @ 460'	281.20	286.20	5.00	F22831	0.06				
464.90	467.00	2,p,se,ch	100	50	olive green/grey,wk-mod se,mn cb,7% qs,3% py,tr ga in qs @ 460'	286.20	291.20	5.00	F22832	0.05	2	0		
467.00	470.50	1cb,fu	90	50	green,mod-str fuch,tr qs	291.20	295.20	4.00	F22833	0.18	6	0		3.5" qv
470.50	509.00	1tc,ch,cb	95	40	grey/green,wk ch/se/cb	295.20	297.20	2.00	F22834	0.67	25	0		
					grey/green,wk fuch,4" 7bn @ 468.7'	297.20	301.20	4.00	F22835	0.27	3	0		
					grey/green,wk-mod ch,tr-wk cb,mn rust at end,EOH.	301.20	305.20	4.00	F22836	0.07	3	0		
						305.20	310.20	5.00	F22837	0.06	1	0		
						310.20	315.20	5.00	F22838	0.20	0	0		
						315.20	320.20	5.00	F22839	0.30	5	0		
						320.20	325.20	5.00	F22840	0.09		0		
						325.20	330.50	5.30	F22841	0.12	0	0		
						330.50	335.50	5.00	F22842	0.03		0		
						335.50	422.40	86.90						
						422.40	427.40	5.00	F22843	0.10	0	0		
						427.40	432.40	5.00	F22844	0.05		0		
						432.40	437.40	5.00	F22845	0.05	0	0		
						437.40	440.40	3.00	F22846	0.01	2	0		
						440.40	442.40	2.00	F22847	2.33	5	2		tr cpy
						442.40	445.70	3.30	F22848	0.01	0	0		
						445.70	449.00	3.30	F22849	0.12	4	0		
						449.00	451.00	2.00	F22850	0.01	1	0		
						451.00	453.00	2.00	F22851	0.30	10	4		
						453.00	455.00	2.00	F22852	0.36	8	3		
						455.00	457.00	2.00	F22853	1.44	7	3		
						457.00	459.00	2.00	F22854	0.09	3	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						459.00	460.90	1.90	F22855	0.03	7	5		tr ga
						460.90	464.90	4.00	F22856	0.02	1	0		
						464.90	467.90	3.00	F22857	0.05	0	0		
						467.90	470.90	3.00	F22858	0.30	1	1		
						470.90	475.90	5.00	F22859	0.02	0	0		
						475.90	480.90	5.00	F22860	0.01			0	
						480.90	509.00	28.10						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-29	243.6	264.2	3.73					Main			



42A10SW2029

2.24187

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092

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-30	13799	5464	10902	508.6	2/13/02	EZ Shot	BQ	S. Harding	S	Hopson	L0+50E.0+80N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-45	13799.00	5464.00	10902.00		2/8/02	2/11/02
56.00	343	-46	13786.54	5501.21	10862.06			
320.00	346	-47	13737.95	5676.24	10670.57			

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
FROM	TO					FROM	TO							
0.00	15.50	OB				0.00	15.50	15.50						OB
15.50	36.00	1cb,tc	100	45	dk grey,mn tc,mod cb,loc mn rust patches,tr qas	15.50	39.00	23.50						
36.00	42.00	1cb	90	45	lt grey,20% rust patches,tr qas	39.00	42.00	3.00	F22624	0.01	1	0		
42.00	44.60	8fp,se	90	55	grey/green,mn pink,wk-mod se,str ch cnts,2% qas,2% py	42.00	44.60	2.60	F22625	0.08	2	2		8fp
44.60	56.00	1cb,se	90	45	grey/green,loc wk-mod se,80% wk-mod rust,1-2% qas	44.60	47.60	3.00	F22626	0.02		0		
56.00	69.00	1tc,cb	95	45	dk grey,wk cb,15% wk rust patches,grad cnts	47.60	162.30	114.70						
69.00	121.00	1cb,tc	100	45	grey-dk grey,tr-wk tc,mn 1cb,30% wk rust patches,tr qas	162.30	167.30	5.00	F22627	0.01		0		
121.00	124.70	2fe,m,ch,cb	80	45	dk green,wk-mod lx,wk cb,wk rust,0.4' 1cb @ 123.6'	167.30	172.30	5.00	F22628	0.01	1	0		
124.70	166.00	1tc,cb	95	45	grey-dk grey,tr-wk cb,mod cb at margins,10% wk rust patches,loc mn pale green talc	172.30	174.30	2.00	F22629	0.01	1	0		
166.00	174.30	1cb,fu	90	45	grey/green,tr-wk fuch,90% wk-str rust,tr-1% qas	174.30	176.30	2.00	F22630	0.03	2	0		50% 7bn
174.30	175.30	7bn	100	90	grey/brown,wk rust at top cnt,mn se,tr qs	176.30	178.80	2.50	F22631	1.88	15	10		
175.30	176.30	1fu	100	45	green,mn rust,3% tiny qs,tr-1% py	178.80	181.30	2.50	F22632	0.46	2	7		
176.30	183.80	7bn,se,Py	95	50	grey-olive green/grey,tr-wk se,wk-mod rust/mn fuch frags in lower 2.5',cnts 65 deg tca,7% qs,7% py	181.30	183.80	2.50	F22633	0.44	4	3		
183.80	187.00	1cb	95	50	grey,1.5' rust at top,mn rust at end	183.80	185.80	2.00	F22634	0.18	1	0		
187.00	187.10	FZ	0	30	rusty,broken core,mn gouge	185.80	189.60	3.80	F22635	0.01	2	0		
187.10	191.60	1cb,fr	100	50	grey-grey/green,tr fuch,wk-mod fuch at lower cnt,rust at both cnts	189.60	191.60	2.00	F22636	0.11	1	0		
191.60	193.60	7bn,Py	80	50	grey,90% wk-mod rust,8% qs,8% py	191.60	193.60	2.00	F22637	1.66	8	8		
193.60	194.20	1fu	100	50	green,mod fuch,rust at top cnt,3% qs	193.60	196.60	3.00	F22638	1.12	2	1		
194.20	205.50	7bn,2	95	50	grey/lt purple,wk cb,loc mn se,1' rust @ 198.6',3% qs,2% py,tr vg in irr qs @ 199.7'	196.60	198.60	2.00	F22639	2.06	3	2		
						198.60	200.60	2.00	F22640	1.05	6	2		tr vg in qs
						200.60	202.60	2.00	F22641	0.16	3	5		
						202.60	205.50	2.90	F22642	0.07	1	1		
						205.50	207.50	2.00	F22643	0.06	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
205.50	215.10	1fu	100	50	green.mod-str fuch,20% rust patches,3% qs,tr vg in 1.5" qs w/ tm 30 deg tca @ 211.8'	207.50	211.00	3.50	F22644	0.19	1	0		
215.10	216.10	QCBV,tm, fu	100	60	bx wh/gy QCBV,35% fuch frags,mn rust,2% tm,tr py in frags	211.00	212.50	1.50	F22645	30.05	30	1		vg in qs
216.10	234.00	1fu	100	50	green-grey/green,mod-str fuch,mn rust,grad lower cnt,tr qs/qas	212.50	215.00	2.50	F22646	0.22	2	0		
234.00	238.70	1cb, fu	95	50	grey/green-grey,tr-wk fuch,mn rust,3% qs,loc tr cpy	215.00	217.00	2.00	F22647	0.16	55	0		1' QCBV
238.70	239.00	QCBV,vg	100	50	msv-wkly bx wh QCBV,wk-mod cb,15% fuch frags,tr vg/py	217.00	222.00	5.00	F22648	0.02	0	0		
239.00	251.00	1cb	100	50	grey-grey/green,mn se,tr-wk fuch at end	222.00	227.00	5.00	F22649	0.07	0	0		
251.00	255.80	2fu,m	100	50	grey/green,tr-mod fuch,wk bl,mn cb,tr qs/py	227.00	232.00	5.00	F22650	0.14	2	0		
255.80	264.00	2,m,ch,cb	100	50	grey/green,wk-mod ch,wk cb,mn rust,grad cnts	232.00	235.20	3.20	F22651	0.07	0	0		
264.00	268.50	2,m,bl,se	100	50	olive green/grey,wk bl,wk-mod se in lower half,tr fuch,10% qs,5% py,loc tr cpy	235.20	238.20	3.00	F22652	0.02	6	0		tr cpy
268.50	277.00	2fu	100	50	lt green.mod-str fuch,motl,mn rust,4% qs,2% py,loc tr cpy	238.20	239.20	1.00	F22653	0.49	45	0		QCBV,vg
277.00	283.70	1fu	95	50	green.mod-str fuch,mbx/motl,6% qs	239.20	242.00	2.80	F22654	0.02	0	0		
283.70	290.80	7bn,se,qs	95	85	olive green/grey,wk-mod se,mn rust in centre,20% qs < 1" wide at various angles,5% py,loc tr cpy	242.00	247.00	5.00	F22655	0.01		0		
290.80	312.00	1fu	100	50	green.mod-str fuch,wk se in lower 8',mn rust patches,2% qs	247.00	251.00	4.00	F22656	0.01	0	0		
312.00	336.60	1cb	100	50	grey-grey/brown/green,loc wk se,wk-mod fuch in lower 3',mn rust,tr-1% qas/qas	251.00	256.00	5.00	F22657	0.01	0	0		
336.60	338.40	2cb	100	45	dyke?,grey/green/tan,wk-mod cb,wk ch,mod lx,mn rust at cnts,4% qas	256.00	261.00	5.00	F22658	0.02	0	0		
338.40	358.60	1cb	95	50	grey-grey/green,tr-wk fuch at margins,25% rust patches,mn rust at cnts,tr-1% qs,0.6' 7bn at end	261.00	264.00	3.00	F22659	0.25		0		
358.60	363.70	7bn,Se,qs	100	45	lt olive green/yellow/grey,wk-mod se,tr fuch spk,mn rust at top cnt,10% qs < 1" wide,2% py,loc tr ga	264.00	266.50	2.50	F22660	3.14	4	4		1.5" qs,tr cpy
363.70	380.60	1cb, fu	95	40	grey/green-grey,tr-wk fuch,mod fuch at cnts,10% wk rust patches	266.50	268.50	2.00	F22661	2.61	15	5		
380.60	385.90	1fu	95	45	green,mod fuch,20% rust patches,5% qas	268.50	271.00	2.50	F22662	1.54	8	3		tr cpy
385.90	393.60	7bn,PY	100	50	grey,wk se/mn rust at cnts,6% qs,10% py	271.00	274.00	3.00	F22663	1.51	3	2		
393.60	402.30	1fu	100	50	green.mod-str fuch,15% rust patches,mn rust at top cnt	274.00	277.00	3.00	F22664	0.47	1	1		
402.30	405.60	7bn,se,qs,PY	100	30	olive green/grey,tr-wk se,cnts at 30 deg tca,10% qs,12% py	277.00	281.70	4.70	F22665	0.62	8	0		
						281.70	283.70	2.00	F22666	0.32	3	0		
						283.70	286.00	2.30	F22667	1.03	35	5		qs's, tr cpy
						286.00	288.40	2.40	F22668	0.60	13	5		
						288.40	290.80	2.40	F22669	0.34	10	5		
						290.80	292.80	2.00	F22670	0.01	2	0		
						292.80	296.80	4.00	F22671	0.06	4	0		
						296.80	301.80	5.00	F22672	0.19	3	0		
						301.80	306.80	5.00	F22673	0.08	0	0		
						306.80	312.00	5.20	F22674	0.51	2	0		
						312.00	317.00	5.00	F22675	0.05	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
405.60	412.00	8fp,Se	100	30	olive green/grey,wk-mod se,tr fuch spks,mn rust at top,cnts at 30 deg tca,1% qs,tr py	317.00	322.00	5.00	F22676	0.03	1	0		
						322.00	327.00	5.00	F22677	0.01	1	0		
412.00	422.70	1cb,tc	100	45	dk grey-grey/green,loc tr fuch,mn rust patches,tr qas	327.00	332.00	5.00	F22678	0.01	0	0		
422.70	431.20	8fp,cb	100	60	grey/green,mn pink/grey,wk-mod cb,loc wk ch/se,3% qs,1-2% py,tr cpy in 1" qs @ 425'	332.00	336.60	4.60	F22679	0.03	2	0		
431.20	476.30	1tc,cb,ch	100	45	dk grey/green,wk cb,wk-mod ch	336.60	338.40	1.80	F22680	0.16	4	0		
476.30	493.80	2.m,ch,cb	100	45	dk green,msv,tr-wk cb,tr qas	338.40	343.40	5.00	F22681	0.12	4	0		
493.80	508.60	1tc,cb,ch	100	45	dk grey/green,wk-mod ch,tr-wk cb,E.O.H.	343.40	348.40	5.00	F22682	0.03	0	0		
						348.40	353.40	5.00	F22683	0.01	0	0		
						353.40	356.60	3.20	F22684	0.01	0	0		
						356.60	358.60	2.00	F22685	0.01	0	0		0.6' 7bn
						358.60	361.20	2.60	F22686	0.03	15	1		tr ga
						361.20	363.70	2.50	F22687	0.09	7	2		
						363.70	365.70	2.00	F22688	0.01		1		
						365.70	369.70	4.00	F22689	0.01		0		
						369.70	374.70	5.00	F22690	0.34		0		
						374.70	379.70	5.00	F22691	0.04	1	0		
						379.70	383.90	4.20	F22692	0.01	3	0		
						383.90	385.90	2.00	F22693	0.02	8	0		
						385.90	388.40	2.50	F22694	6.72	7	13		
						388.40	390.90	2.50	F22695	1.65	4	6		
						390.90	393.60	2.70	F22696	3.88	7	10		
						393.60	395.60	2.00	F22697	0.02		0		
						395.60	400.30	4.70	F22698	0.02	0	0		
						400.30	402.30	2.00	F22699	0.04	0	0		
						402.30	405.60	3.30	F22700	0.29	10	12		
						405.60	408.80	3.20	F22701	0.01	1	0		
						408.80	412.00	3.20	F22702	0.01	1	0		
						412.00	414.00	2.00	F22703	0.01	0	0		
						414.00	419.00	5.00	F22704	0.05	0	0		
						419.00	422.70	3.70	F22705	0.01	0	0		
						422.70	426.70	4.00	F22706	0.01	4	2		
						426.70	431.20	4.50	F22707	0.01	2	1		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						431.20	433.20	2.00	F22708	0.01	1	0		
						433.20	438.20	5.00	F22709	0.01	1	0		
						438.20	443.20	5.00	F22710	0.01		0		
						443.20	508.60	65.40						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-30	385.9	393.6	4.08					Main			



42A10SW2029

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MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-31	13799	5464	10902	557.8	2/14/02	EZ Shot	BQ	S. Harding	S	Hopson	I.0+50E,0+80N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-63	13799.00	5464.00	10902.00		2/12/02	2/13/02
56.00	344	-63	13791.15	5488.16	10852.10			
260.00	346	-61	13766.42	5580.66	10672.01			
430.00	349	-60	13748.34	5662.36	10524.05			
550.00	349	-62	13737.24	5719.46	10419.12			

Mining Claim: 12579

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	7.00	OB				0.00	7.00	7.00						OB
7.00	17.70	2,m,ch,cb	85	40	grey/green,mn pink/grey,wk-mod ch,wk cb,loc wk hem,mn rust patches,tr-1% qs	7.00	46.30	39.30						
17.70	49.30	1cb,tc	95	40	grey,wk-mod cb,15% rust patches,rust at lower cnt,wk ch at margins,tr qs	46.30	49.30	3.00	F22711	0.03		0		
49.30	55.00	8fp,he	95	40	pink/red,wk-mod hem,loc wk se,ch cnts,mn rust in top 1.7% qs,1% py	49.30	52.00	2.70	F22712	0.15	3	1		
55.00	73.30	1cb,tc	95	40	grey,90% tr-wk rust,broken core at lower cnt,tr gas	52.00	55.00	3.00	F22713	0.51	10	1		
73.30	75.50	8fp	40	60	grey/green/brown,wk se,wk rust,tr gas,tr-1% py	55.00	58.00	3.00	F22714	0.01		0		
75.50	79.00	FZ,LC	25		35% blocky/broken core w/ gouge at ends,0.9' core in middle,30% lost core	58.00	70.30	12.30						
79.00	129.00	1tc,cb	95	40	grey,wk cb,15% wk rust patches,sm flt @ 112.8'	70.30	73.30	3.00	F22715	0.01	0	0		
129.00	145.00	1tc	95	40	dk grey,mn wk rust	73.30	75.50	2.20	F22716	0.36	0	0		
145.00	147.90	7,ch,cb	90	60	grey/green,wk-mod ch at margins,wk cb,mn hem/rust,5% qcbs	75.50	80.00	4.50	F22717	0.05	0	0		3.5' FZ
147.90	167.00	1tc	95	40	dk grey,mn fuch/cb at top,wk cb at end,10% wk rust patches,tr qcbs	80.00	168.50	88.50						
167.00	171.50	1cb,tc	100	40	grey,50% wk rust,tr gas	168.50	171.50	3.00	F22718	0.01		0		
171.50	180.70	8fp	95	40	olive green/grey-pink/grey,loc wk-mod hem/se,ch cnts,2% qs,2% py	171.50	174.70	3.20	F22719	0.08	1	1		8fp
180.70	190.00	1cb	100	40	grey,75% wk rust patches,wk ch at cnts,tr gas	174.70	177.70	3.00	F22720	0.01	2	2		8fp
190.00	192.10	8fp	100	50	grey/green/brown,wk se,rust/ch at cnts,2% qs,1% py	177.70	180.70	3.00	F22721	0.01	2	2		8fp
						180.70	185.00	4.30	F22722	0.02		0		
						185.00	190.00	5.00	F22723	0.01	1	0		
						190.00	192.10	2.10	F22724	0.01	2	1		8fp
						192.10	196.10	4.00	F22725	0.01	2	0		
						196.10	200.30	4.20	F22726	0.01	0	0		
						200.30	204.30	4.00	F22727	0.01	0	0		

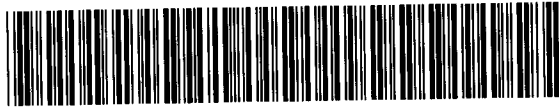
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
192.10	210.30	lcb	100	40	grey-mn grey/green.wk fuch at margins,mn tc in centre,10% wk rust patches,rust at cnts	204.30	208.30	4.00	F22728	0.02	0	0		
210.30	218.20	7bn.Py	95	60	lt grey,mn se at cnts,rust at top cnt,9% qs,6% py	208.30	210.30	2.00	F22729	0.04	1	0		
218.20	239.80	lcb	95	40	grey-grey/green at cnts,wk-mod fuch at cnts,35% wk rust patches,tr qs/qas	210.30	212.80	2.50	F22730	1.10	10	6		
239.80	242.70	lcb,flu	100	40	grey/green,wk-mod fuch,13% qs,2.5" qs w/ smsv black tm @ 240.2'	212.80	215.50	2.70	F22731	3.14	7	6		
242.70	244.70	7bn	100	80	grey,wk se at cnts,6% qs,4% py,loc tr cpy	215.50	218.20	2.70	F22732	0.81	10	7		
244.70	256.10	lfu	100	40	green-grey/green,mod-str fuch,6% qs (10-70) deg tea,loc tr tm	218.20	220.20	2.00	F22733	0.02	2	0		
256.10	259.40	8fp,bl,cb	100	50	grey,wk bl/cb,mn ch	220.20	225.20	5.00	F22734	0.01	0	0		
259.40	272.50	lcb,se,ch	100	50	grey/green,wk se/ch,loc tr fuch,mn rust patches,1-2% qs,rare cpy	225.20	230.20	5.00	F22735	0.14		0		
272.50	278.50	lfu,qs	90	50	lt green-green,str fuch,mn 7bn frags in lower 1',8% qs < 2.5" wide,1% py,tr vg in flat qs @ 277.5'	230.20	235.20	5.00	F22736	0.02		0		
278.50	284.10	7bn,qs,PY,vg	90	70	grey,tr-wk se,30% qv/qs < 0.5' wide,10% py,tr vg in 0.5' qv @ 281.5',tr vg in qs @ 278.9 & 282'	235.20	239.70	4.50	F22737	0.01	1	0		2.5" qs,tm
284.10	286.10	QV	20	30	msv-vwkly bx wh QV at cnt,10% 7bn frags,mn fuch frags,tr py in qz,3% py in frags	242.70	244.70	2.00	F22738	0.06	13	0		tr cpy
286.10	292.20	lfu	90	60	green,mod-str fuch,5% qs < 1" wide,0.6' 7bn w/ se/fuch @ 281.8',tr vg in 0.25" qs @ 283',flt? at end	244.70	246.70	2.00	F22739	0.62	6	4		
292.20	303.00	7bn,qs,PY,vg	95	60	grey,30% qs/qv < 3" wide,10% py,loc tr cpy,0.8' qv @ 300.5',tr vg in qs's @ 295,295.7 & 297.8'	246.70	251.70	5.00	F22740	0.10	4	0		
303.00	306.40	lfu,qs	85	50	green,str fuch,3.5" qs @ 304.6',2.5" qs at lower cnt	251.70	256.10	4.40	F22741	0.05	10	0		
306.40	307.50	7bn,qs,PY	100	40	grey,30% qs < 2" wide,13% py	256.10	259.40	3.30	F22742	0.51	3	0		8fp
307.50	319.00	lfu	100	45	green,str fuch,3% qs < 1.5" wide	259.40	263.90	4.50	F22743	0.01	1	0		tr cpy
319.00	328.00	lcb,flu	95	45	grey-grey/green,tr-wk fuch,30% rust patches,mn mafics,tr qs	263.90	268.90	5.00	F22744	0.02		0		
328.00	330.70	2fu	100	45	green-grey/green,mod fuch,15% rust at top	268.90	272.50	3.60	F22745	0.01	4	0		
330.70	333.00	2Bl,flu	100	45	lt grey/brown-grey/green,mod bl,loc tr-wk fuch,4% qs,tr-1% py	272.50	274.50	2.00	F22746	0.40	10	1		2.5" qs
333.00	338.00	lfu,2	100	45	green,mod-str fuch,mn fuch mafics,0.5' rust in middle,tr qs	274.50	276.50	2.00	F22747	0.31	7	0		
338.00	351.00	lcb	100	45	grey/brown-mn grey/green,tr-wk fuch in top 5',wk se,mn rust	276.50	278.50	2.00	F22748	4.63	6	3		vg in qs
						278.50	280.00	1.50	F22750	20.25	18	10		vg in qs
						280.00	282.10	2.10	F22751	29.49	65	8		vg in qv/qs
						282.10	284.10	2.00	F22752	7.34	12	15		
						284.10	286.10	2.00	F22753	1.13	90	4		QV
						286.10	288.20	2.10	F22754	0.58	8	1		0.6' 7bn
						288.20	290.20	2.00	F22755	7.67	6	0		vg in qs
						290.20	292.20	2.00	F22756	0.89	7	1		
						292.20	294.70	2.50	F22757	8.78	30	8		qs's
						294.70	296.70	2.00	F22758	18.38	30	13		2 x qs/vg
						296.70	298.70	2.00	F22759	4.66	8	10		vg in qs

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
351.00	366.50	1cb, fu	95	45	grey/green, loc tr-mod fuch, mn rust patches, tr qs, 0.3' 7bn @ 354'	298.70	301.00	2.30	F22760	3.60	45	8		0.8' qv
						301.00	303.00	2.00	F22761	8.67	20	12		tr cpy
366.50	386.50	1fu	95	45	green, str fuch, 5% rust patches, predom motl, 2% qs, tm in 1.5" qs @ 371.7'	303.00	306.40	3.40	F22762	0.96	17	0		qs's
						306.40	307.50	1.10	F22763	2.74	30	13		qs's
386.50	391.00	2fu	100	45	lt green-grey/green, wk-mod fuch, mn se at end	307.50	309.50	2.00	F22764	0.51	5	0		
391.00	407.20	2cb, ch	100	45	grey/green, tr fuch at top, wk se in top 4', wk-mod cb/ch	309.50	314.00	4.50	F22765	0.43	4	0		
407.20	412.50	1cb, tc	100	45	grey, mn ch, 15% wk rust	314.00	319.00	5.00	F22766	0.77	3	0		
412.50	417.50	8fp	100	45	pink/grey, mn ch/se, wk cb, 1% qs, tr py, top cnt 50 deg tca, lower cnt 20 deg tca	319.00	324.00	5.00	F22767	0.07	0	0		
						324.00	328.00	4.00	F22768	0.11		0		
417.50	468.40	1tc, cb, ch	100	45	dk grey/green, wk cb/ch, mn rust at top	328.00	330.70	2.70	F22769	0.24		0		
468.40	475.20	8fp, ch, cb	100	45	dk grey/green, wk ch/cb	330.70	333.00	2.30	F22770	0.62	4	1		
475.20	487.00	1cb, tc	100	45	grey, wk ch, mn rust patches	333.00	338.00	5.00	F22771	0.10	1	0		
487.00	494.20	1cb, fu	100	45	grey/green, tr-wk fuch, 20% rust patches, tr-1% qs	338.00	343.00	5.00	F22772	0.01		0		
494.20	506.00	8fp, Se	95	50	olive green, loc grey patches, wk-mod se, mn rust, 5% qs, tr-1% py	343.00	348.00	5.00	F22773	0.01		0		
						348.00	352.00	4.00	F22774	0.02	1	0		
506.00	507.80	1fu	100	45	green, mod fuch, mn wk rust patches, tr qs	352.00	355.00	3.00	F22775	0.12	3	1		0.3' 7bn
507.80	557.80	8fp, Se, Py	95	50	olive green-olive green/grey, wk-mod se w/ mn tr-wk se, 6% qs, 5% py, rare tm/ga, shear zone @ 538', EOH.	355.00	360.00	5.00	F22776	0.06	0	0		
						360.00	365.00	5.00	F22777	0.94		0		
						365.00	370.00	5.00	F22778	0.03		0		
						370.00	375.00	5.00	F22779	0.82	4	0		
						375.00	380.00	5.00	F22780	0.05	3	0		
						380.00	385.00	5.00	F22781	0.16	2	0		
						385.00	390.00	5.00	F22782	0.17	3	0		
						390.00	395.00	5.00	F22783	0.03	0	0		
						395.00	407.20	12.20						
						407.20	412.50	5.30	F22784	0.07		0		
						412.50	417.50	5.00	F22785	0.01	1	0		8fp
						417.50	422.50	5.00	F22786	0.01		0		
						422.50	482.20	59.70						
						482.20	487.20	5.00	F22787	0.01		0		
						487.20	492.20	5.00	F22788	0.01		0		
						492.20	494.20	2.00	F22789	0.01	5	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						494.20	497.20	3.00	F22790	0.04	1	0		
						497.20	500.20	3.00	F22791	0.10	0	0		
						500.20	503.20	3.00	F22792	0.07	4	0		
						503.20	506.00	2.80	F22793	0.65	15	1		qs's
						506.00	507.80	1.80	F22794	0.01	0	0		
						507.80	510.80	3.00	F22795	0.03	3	0		
						510.80	513.80	3.00	F22796	0.93	8	1		
						513.80	516.80	3.00	F22797	1.85	10	4		tr ga/tm
						516.80	519.80	3.00	F22798	1.51	5	4		tr tm
						519.80	522.80	3.00	F22799	8.23	8	6		
						522.80	525.80	3.00	F22800	5.18	10	7		
						525.80	528.80	3.00	F22801	0.79	2	4		
						528.80	531.80	3.00	F22802	1.78	6	3		
						531.80	534.80	3.00	F22803	3.94	13	5		
						534.80	537.80	3.00	F22804	4.53	10	4		
						537.80	540.80	3.00	F22805	2.19	3	3		
						540.80	543.80	3.00	F22806	1.85	3	4		
						543.80	546.80	3.00	F22807	2.13	6	5		
						546.80	549.80	3.00	F22808	0.70	6	5		
						549.80	552.80	3.00	F22809	3.50	7	6		
						552.80	555.30	2.50	F22810	4.39	15	8		
						555.30	557.80	2.50	F22811	5.14	7	7		FOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-31	276.5	303	8.70					Main			



42A10SW2029

2.24187

MACKLEM

096

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-32	13725	5380	19902	548	2/8/02	EZ Shot	BQ	S. Harding	S	Hopson	L0+50W,0+30N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-47	13725.00	5380.00	10902.00						
36.00	342	-47	13717.01	5403.21	10875.67						
200.00	347	-18	13687.38	5509.86	10754.76						
540.00	348	-50	13639.08	5727.58	10498.20						

Mining Claim: **P546620, 12579**

Start Date	End Date
2/5/02	2/8/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	5.70	OB				0.00	5.70	5.70						OB
5.70	47.40	2,m,ch,cb	95	50	grey/green-green,wk-mod ch,wk cb,tr fuch in lower 10',loc mn wk rust,tr qs	5.70	125.00	119.30						
47.40	98.00	1tc,cb	100	50	dk grey,wk cb,ak pblasts,10% wk rust patches,mn ch at margins	130.00	132.00	2.00	F22520	0.01	0	0		
98.00	117.60	2fe,m,ch	90	40	green-grey/green,mod-str lx,loc wk cb,tr qcbs	132.00	134.80	2.80	F22521	0.01	4	0		
117.60	132.00	1tc,cb	100	50	grey-dk grey,wk-mod cb,loc wk rust patches,tr qas	134.80	137.80	3.00	F22522	1.04	3	2		
132.00	137.80	8fp	95	50	top half grey/green,wk-mod ch,wkly sil,lower half pink/red,broken core at lower cnt,3% qs,1% py	137.80	139.80	2.00	F22523	0.01		0		
137.80	151.00	1cb,tc	100	50	grey,mn tc,15% wk rust patches	139.80	144.80	5.00	F22524	0.02		0		
151.00	157.70	1cb	100	50	grey-mn grey/green,mn fuch at end,tr-1% qas	144.80	150.70	5.90						
157.70	176.50	8fp,py	80	50	pink/red/grey,olive green/grey w/ wk-mod se in top 4',loc mn rust,8-10% qs,4% py,blocky at lower cnt	150.70	155.70	5.00	F22525	0.02	2	0		
176.50	184.30	1cb,tc,ch	80	50	pink/red/grey,olive green/grey w/ wk-mod se in top 4',loc mn rust,8-10% qs,4% py,blocky at lower cnt	155.70	157.70	2.00	F22526	0.01	3	0		
184.30	188.80	2fe,m,ch,cb	80	50	brown-grey/green,wk-str rust throughout unit,tr-1% qas	157.70	159.70	2.00	F22527	0.34	10	3		qs's
188.80	189.70	FZ	0	30	blocky/broken core,mn gouge/rust	159.70	161.70	2.00	F22528	1.50	20	5		3" qs
189.70	213.00	1tc,cb	95	50	grey-grey/green,wk-mod cb,40% wk rust patches,sm flt at 192.7'	161.70	164.70	3.00	F22529	0.73	3	3		
213.00	215.50	1cb,tc	100	50	grey-grey/green,wk-mod cb,40% wk rust patches,sm flt at 192.7'	164.70	167.70	3.00	F22530	0.13	1	0		
215.50	224.00	2cb,m	100	50	grey-grey/green,wk-mod cb,40% wk rust patches,sm flt at 192.7'	167.70	170.50	2.80	F22531	0.34	3	3		
224.00	241.00	1cb,tc	100	50	grey-grey/green,mn tc,wk ch	170.50	172.50	2.00	F22532	3.77	5	5		
241.00	262.00	1cb	90	50	grey/green w/ reddish tinge,mod cb,loc wk-mod lx,tr qcbs	172.50	174.50	2.00	F22533	1.09	10	8		
					grey-grey/green,wk ch in top half,40% wk rust patches,loc tr fuch,tr qas	174.50	176.50	2.00	F22534	9.34	6	8		
					grey-grey/green,wk ch in top half,40% wk rust patches,loc tr fuch,tr qas	176.50	178.50	2.00	F22535	0.10	5	0		
					grey-grey/green,loc tr-wk fuch,20% rust patches,grad cnts,3% qas	178.50	183.50	5.00	F22536	0.08	1	0		
						183.50	245.10	61.60						

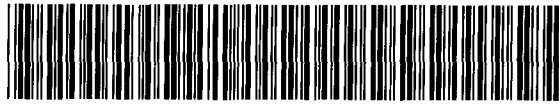
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
262.00	268.10	1fu	85	50	green.mod-str fuch.1' rust @ 265.5',lower cnt 70 deg tca,15% qs/qas < 2" wide	245.10	250.10	5.00	F22537	0.01	6	0		
						250.10	255.10	5.00	F22538	0.02	3	0		flat qas
268.10	277.80	7bn.se.qs.Py	95	60	olive green/grey-grey.loc wk-mod se,end cnt 60 tca w/ rust,13% qs,8% py.tr vg in qs @ 269 & 277.4'	255.10	259.10	4.00	F22539	0.04	1	0		
						259.10	263.10	4.00	F22540	0.06	3	0		
277.80	293.00	1fu	95	50	green-grey/green.mod-str fuch,35% rust patches incl cnts,2% qs,40% msv tm in 1.5" qs @ 281.2'	263.10	266.10	3.00	F22541	0.07	18	0		qs's
						266.10	268.10	2.00	F22542	0.05	15	0		qs's
293.00	295.50	7bn.py	90	60	grey,5" rust at both cnts,5% qs,4% py	268.10	269.80	1.70	F22543	2.25	15	8		vg in qs
295.50	301.50	1cb, fu	90	50	grey/green-grey,tr-wk fuch,25% rust incl top cnt,tr qas	269.80	271.80	2.00	F22544	9.81	7	8		
301.50	311.00	1fu,cb	95	50	grey/green,wk-mod fuch,motl,mn rust,4% qs,loc tr cpy	271.80	273.80	2.00	F22545	3.77	12	8		
311.00	329.50	1fu,qs,py	95	50	lt green,predom motl,15% qv/qs < 4" wide 0-40 deg tca,loc tm,2% py w/ qs,tr vg in flat qs @ 314'	273.80	275.80	2.00	F22546	0.65	13	6		
						275.80	277.80	2.00	F22547	2.78	17	7		vg in qs
329.50	345.00	1cb,se	95	50	grey/brown-mn grey/green,tr-wk fuch at margins,wk se,mn rust,tr-1% qas	277.80	279.80	2.00	F22548	0.10	0	0		
345.00	354.80	1fu	100	50	green-grey/green.mod-str fuch,10% rust patches,mn rust at lower cnt,7% qs,2" qas w/ smv tm @ 350.3'	279.80	283.00	3.20	F22549	0.02	7	0		qs,tm
						283.00	287.00	4.00	F22550	0.23	2	0		
354.80	358.80	7bn.Se,qs	100	60	olive green/brown,mod se,mn rust at top cnt,18% qs < 1" wide,3% py	287.00	291.00	4.00	F22551	0.56	0	0		
358.80	383.20	1fu,cb	95	40	grey/green,wk-mod fuch,20% rust patches incl lower cnt,2% qs/qas	291.00	293.00	2.00	F22552	0.02	2	0		
						293.00	295.50	2.50	F22553	0.12	5	4		
383.20	391.20	7bn,qs,PY	85	45	grey,15% rust,rust/blocky core in top 1',18% qs < 2.5" wide 20-60 tca,10% py,sm rusty flt @ 385.4'	295.50	299.00	3.50	F22554	0.03	0	0		
						299.00	304.00	5.00	F22555	0.01	3	0		
391.20	398.20	1fu	95	40	green.mod-str fuch,loc mn se,15% rust patches,4% qs,loc tm	304.00	308.00	4.00	F22556	0.19	8	0		tr cpy
						308.00	311.00	3.00	F22557	0.14	1	0		
398.20	416.40	1cb, fu	95	45	grey/green,tr-wk fuch,mn rust,tr qas	311.00	313.50	2.50	F22558	1.10	30	2		flat qs
416.40	425.00	2fu,m	80	60	grey/green,wk fuch/si,mn 1fu,3% qs,tr py,loc tr cpy	313.50	315.50	2.00	F22559	7.73	18	3		vg in qs
425.00	432.00	2,m,bl,cb	100	60	grey-mn grey/green,wk ch,mn ch in lower 1',mn fu/si at top,1% qs	315.50	317.50	2.00	F22560	1.71	20	3		2" qs,tm
432.00	442.50	2,m,ch,cb	95	60	grey/green,wk-mod ch/cb,mn ch frags,grad cnts,tr-1% qs	317.50	320.50	3.00	F22561	1.37	8	3		
442.50	446.80	2,m,bl,cb	100	60	grey/tan,wk cb,wk-mod bl,tr fuch,mn rust,2% qs	320.50	323.50	3.00	F22562	0.59	22	2		4" qs
446.80	449.50	1fu	100	40	green,mod fuch,30% rust incl lower cnt	323.50	326.50	3.00	F22563	0.51	5	1		
449.50	455.30	7bn,sl,se,Py	100	40	grey-olive green/grey.loc wk-mod se,wkly si,2" fuch frag @ 453.7',8% qs,8% py,tr vg in qs @ 452.2'	326.50	330.50	4.00	F22564	0.58	3	0		
						330.50	335.50	5.00	F22565	0.05	1	0		
455.30	464.20	1fu	95	40	green-grey/green.mod-str fuch,1.3' rust @ 460',6% qs	335.50	340.80	5.30	F22566	0.01	0	0		
464.20	471.90	7bn,1fu,se,si,qs	100	40	olive green/grey,wk-mod se,wkly si,10% fuch frags in top 4',18% qs,4% py,loc tr tm	340.80	345.80	5.00	F22567	0.07	1	0		
						345.80	349.80	4.00	F22568	0.01	1	0		
471.90	475.40	1fu	80	40	green-grey/green.mod fuch,mn rust,7% qs									

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
475.40	479.00	7bn,8fp,Se	95	50	olive green/grey.mod se.tr fuch,3% qs,tr py	349.80	352.80	3.00	F22569	0.56	17	0		2" qs tm
479.00	484.40	1fu	100	50	green-grey/green.mod-str fuch,5% qs	352.80	354.80	2.00	F22570	0.02	1	0		
484.40	486.00	8fp,Se	100	40	lt olive green/grey.mod se,2" carb frag at top,5% qs,tr py	354.80	356.80	2.00	F22571	0.32	20	3		qs's
486.00	498.70	1cb,fu	100	40	grey-grey/green,loc tr-wk fuch,15% wk rust patches	356.80	358.80	2.00	F22572	0.19	17	4		qs's
498.70	504.00	8fp,7bn,sc	100	50	grey-grey/olive green,loc wk-mod se,mn fuch/ch,4% qs,2% py	358.80	360.80	2.00	F22573	0.07	10	0		qs's
504.00	511.00	2se,cb	95	50	grey/green,wk se/fuch/ch/cb,broken core at top cnt	360.80	364.80	4.00	F22574	0.02	0	0		
511.00	548.00	1tc,ch,cb	100	50	dk grey/green,wk-mod ch,wk cb.EOII.	364.80	369.80	5.00	F22575	0.19	6	0		
						374.80	378.80	4.00	F22577	0.04	0	0		
						378.80	381.20	2.40	F22578	0.05		0		
						381.20	383.20	2.00	F22579	0.49	2	0		
						383.20	385.20	2.00	F22580	4.32	10	13		
						385.20	387.20	2.00	F22581	7.89	13	7		
						387.20	389.20	2.00	F22582	8.85	25	10		qs's
						389.20	391.20	2.00	F22583	6.79	25	13		qs's
						391.20	393.20	2.00	F22584	1.51	2	0		
						393.20	398.20	5.00	F22585	0.10	5	0		
						398.20	403.20	5.00	F22586	0.02	2	0		
						403.20	408.20	5.00	F22587	0.12		0		
						408.20	413.20	5.00	F22588	0.01	1	0		
						413.20	416.40	3.20	F22589	0.01	0	0		
						416.40	419.40	3.00	F22590	0.15	5	0		tr cpy
						419.40	423.00	3.60	F22591	0.13	3	0		
						423.00	426.00	3.00	F22592	0.02	0	0		
						426.00	429.00	3.00	F22593	0.01	1	0		
						429.00	432.00	3.00	F22594	0.52	2	0		
						432.00	436.00	4.00	F22595	0.01		0		
						436.00	440.00	4.00	F22596	0.35	1	0		
						440.00	444.00	4.00	F22597	0.04	2	0		
						444.00	446.80	2.80	F22598	0.56	2	0		
						446.80	449.50	2.70	F22599	0.24	0	0		
						449.50	451.50	2.00	F22600	1.46	7	6		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						451.50	453.30	1.80	F22601	1.51	7	12		vg in qs
						453.30	455.30	2.00	F22602	0.31	10	6		
						455.30	457.30	2.00	F22603	0.32	7	0		
						457.30	462.20	4.90	F22604	0.19	2	0		
						462.20	464.20	2.00	F22605	0.13	12	0		
						464.20	466.70	2.50	F22606	0.16	18	1		qs's
						466.70	469.40	2.70	F22607	0.20	20	3		qs's
						469.40	471.90	2.50	F22608	0.91	17	8		qs's
						471.90	475.40	3.50	F22609	0.23	7	0		
						475.40	479.00	3.60	F22610	0.02	3	0		
						479.00	481.70	2.70	F22611	0.05	3	0		
						481.70	484.40	2.70	F22612	0.05	6	0		
						484.40	486.00	1.60	F22613	0.05	5	0		
						486.00	488.00	2.00	F22614	0.13	0	0		
						488.00	492.00	4.00	F22615	0.01	1	0		
						492.00	496.70	4.70	F22616	0.01		0		
						496.70	498.70	2.00	F22617	0.13	3	0		
						498.70	501.30	2.60	F22618	0.03	6	1		
						501.30	504.00	2.70	F22619	0.05	3	3		
						504.00	506.00	2.00	F22620	0.02	1	0		
						506.00	511.00	5.00	F22621	0.05	0	0		
						511.00	516.00	5.00	F22622	0.02		0		
						516.00	521.00	5.00	F22623	0.03		0		
						521.00	548.00	27.00						EOH

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-32	383.2	391.2	6.96					Main			



42A10SW2029

2.24187

MACKLEM

098

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-33	13764	5417	10902	606.2	3/5/02	EZ Shot	BQ	S. Harding	S	Hopson	L0+00.0+50N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-54	13764.00	5417.00	10902.00						
65.00	348	-55	13753.59	5453.18	10849.08						
230.00	350	-56	13735.74	5544.90	10713.11						
600.00	355	-58	13709.23	5744.44	10402.85						

Start Date	End Date
2/28/02	3/1/02

Mining Claim: 12579
 Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Fee		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks	
FROM	TO					FROM	TO								
0.00	12.40	OB				0.00	12.40	12.40							OB
12.40	16.50	2.p,bl	80	40	grey,wk-mod bl,mn ch frags/sel,rusty in top 0.5'.wk-mod si in lower 0.5',tr qs/py	12.40	16.50	4.10	F23701	0.01	0	0			
16.50	40.60	1cb,ch	95	40	grey/green,wk-mod ch,loc mn rust	16.50	20.60	4.10	F23702	0.01		0			
40.60	45.90	1fu,qs	100	40	green-grey/green,wk-mod fuch,mn rust,15% qs < 1.5" wide	20.60	25.60	5.00	F23703	0.01		0			
45.90	47.60	7bn,se,qs.Py	100	70	lt tan/grey,tr-wk se,mn rust,40% flat qs,7% py	25.60	30.60	5.00	F23704	0.01		0			
47.60	64.20	1cb	100	40	grey-grey/green,wk-mod fuch in top 1.2',mn ch,loc mn rust,msv,tr qcbs	30.60	35.60	5.00	F23705	0.01		0			
64.20	69.30	2bl	90	50	grey/green/tan,wk cb/bl,loc wk-mod lx,30% rust patches,tr qs	35.60	40.60	5.00	F23706	0.01	0	0			
69.30	80.00	1cb	100	40	grey,15% wk rust patches,tr qs	40.60	43.90	3.30	F23707	0.06	3	0			qs's
80.00	115.10	1tc,cb	100	40	grey,tr-wk cb at margins,20% wk rust patches.rust at lower cnt	43.90	45.90	2.00	F23708	8.37	25	0			flat qs's
115.10	152.00	7bn,8fp,se.Py	95	40	grey,pink at margins,lt olive green/grey,loc tr-wk se,mn hem at margins,ch cnts,8% qs,5% py	45.90	47.60	1.70	F23709	1.10	40	7			
152.00	159.50	1cb,tc	90	40	grey,40% wk rust,tr-1% qcbs	47.60	49.60	2.00	F23710	0.31	2	0			
159.50	183.30	1tc	95	40	dk grey,mn cb at margins,15% wk rust patches	49.60	54.20	4.60	F23711	0.01	0	0			
183.30	184.90	1cb,ch	100	40	grey/green,wk ch,mn fuch at lower cnt,70% rust	54.20	59.20	5.00	F23712	0.01		0			
184.90	186.90	8fp,se	100	50	olive green/grey,wk-mod se,mn hem/cb,7% qs,tr py	59.20	64.20	5.00	F23713	0.01		0			
186.90	188.90	2bl,cb	95	40	tan/grey/green,wk bl/cb,mn ch,mod-str lx,85% rusty,15% flat qs,4% py	64.20	69.30	5.10	F23714	0.01	0	0			
188.90	196.00	1cb	100	40	grey-grey/green,mn ch at top,25% wk rust patches,1% qs	69.30	74.30	5.00	F23715	0.01	1	0			
196.00	214.00	1tc,cb	100	40	dk grey,tr-wk cb,20% wk rust patches	74.30	108.10	33.80	F23716						
						108.10	113.10	5.00	F23717	0.01	0	0			
						113.10	115.10	2.00	F23718	0.02	0	0			
						115.10	118.00	2.90	F23719	0.13	8	4			
						118.00	121.00	3.00	F23720	0.01	1	5			
						121.00	124.00	3.00	F23720	0.18	6	5			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
214.00	218.70	lcb	100	40	grey-mn grey/green.mod fuch at lower cnt.mn rust.tr qs	124.00	127.00	3.00	F23721	0.42	10	4		
218.70	221.50	7bn.se	100	70	olive green/grey.tr-wk se.mn rust at lower cnt.7% qs.tr-1% py	127.00	130.00	3.00	F23722	0.69	10	5		
						130.00	133.00	3.00	F23723	0.23	8	4		
221.50	233.00	lcb	100	40	grey-mn grey/green.loc tr fuch,wk fuch at cnts.20% wk rust patches incl top cnt,1" qs w/ tm @ 225.3	133.00	136.00	3.00	F23724	0.03	5	5		
						136.00	139.00	3.00	F23725	0.15	12	4		
233.00	240.20	7bn.se,Py	95	80	olive green/grey.tr-wk se.tr rust,4% qs.6% py	139.00	142.00	3.00	F23726	0.07	10	5		
240.20	244.00	lcb	100	40	grey.tr-wk fuch at top cnt.mn rust.tr qs	142.00	145.00	3.00	F23727	0.30	7	5		
244.00	260.00	lcb.tc	100	40	dk grey.grad cnts,25% wk rust patches	145.00	148.00	3.00	F23728	2.39	6	3		
260.00	268.30	lcb	100	40	grey,mn ch.25% wk rust,rust at lower cnt,1% qs	148.00	152.00	4.00	F23729	0.54	6	5		
268.30	279.20	7bn,Py	100	60	lt grey.tr se.mn fuch/rust in top 0.3",2" fuch frag @ 277.3',6% qs.5% py.tr cpy,tr vg in qs @ 273.8'	152.00	154.00	2.00	F23730	0.05	3	0		
						154.00	158.00	4.00	F23731	0.01	0	0		
279.20	280.50	lfu	100	60	mafic?,lt green.mod-str fuch,motl	158.00	163.00	5.00	F23732	0.01				
280.50	282.80	7bn.qs,Py	100	60	grey.tr se,13% qs,7% py	163.00	176.90	13.90						
282.80	292.00	lfu	95	45	green.mod-str fuch,mn rust.6% qs	176.90	181.90	5.00	F23733	0.01				
292.00	293.10	7bn	100	60	grey,30% fuch frags,5% qs.1% py	181.90	184.90	3.00	F23734	0.01	0	0		
293.10	301.50	lcb,flu	95	45	grey/green-grey.tr-wk fuch.30% rust patches,tr qs	184.90	186.90	2.00	F23735	0.05	7	0		
301.50	303.50	lfu	100	45	green.mod fuch,1% qs	186.90	188.90	2.00	F23736	0.91	15	4		
303.50	310.80	7bn,qv,PY,vg	90	60	grey.loc tr se,22% qv/qs,10% py,vg in 4" qv @ 304.3'.vg in flat qs from 305.6-306.7',0.6' qv @ 308.7	188.90	192.00	3.10	F23737	0.01				
						192.00	197.00	5.00	F23738	0.01	2	0		
310.80	312.50	lfu,qs,py	90	60	green.mod-str fuch,30% wk rust,8% qs,1% py,tr cpy	197.00	202.00	5.00	F23739	0.05				
312.50	313.00	FZ,QV	0	40	0.5' msv wh QV,3" gouge/7bn w/ py in middle	202.00	207.00	5.00	F23740	0.01	0	0		
313.00	316.10	lfu,qs,vg	95	40	lt green,str fuch,8% qs,1-2% py,tr vg in 2" qs @ 313.7'	207.00	212.00	5.00	F23741	0.01	0	0		
316.10	318.50	7bn,qs,PY,vg	100	50	grey.15% qs < 1" wide,10% py,tr vg in qs @ 317.8'	212.00	216.70	4.70	F23742	0.01	0	0		
318.50	320.20	QV	50	25	msv wh QV at 25 deg tea,mn rust at cnts,rare py	216.70	218.70	2.00	F23743	0.01	2	0		
320.20	323.00	7bn,qs,PY,vg	100	60	grey.loc tr-wk se.20% low angle qs,15% py,tr vg in flat qs @ 321.4'	218.70	221.50	2.80	F23744	0.25	7	1		
						221.50	223.50	2.00	F23745	0.04	0	0		
323.00	324.20	lfu,qv,qs	100	70	green.mod-str fuch,3" qv at top.15% qs,1% py	223.50	227.00	3.50	F23746	0.02	3	0		qs,tm
324.20	326.90	7bn,qs,PY,vg	100	50	grey.tr-wk se.35% qv/qs,10% py,3" qv @ 325.2',tr vg in qs's @ 325.8 & 326.1'	227.00	231.00	4.00	F23747	0.17	2	0		
						231.00	233.00	2.00	F23748	0.09	0	0		
326.90	354.20	lfu	100	50	green,str fuch,loc mn rust patches,4% qs	233.00	235.20	2.20	F23749	0.56	3	4		
354.20	354.80	7bn,PY	100	60	grey,wk se/mn qs at cnts,10% vfg diss py	235.20	237.70	2.50	F23750	0.32	3	6		
354.80	364.00	lfu	100	50	green-grey/green,loc tr-str fuch,tr rust	237.70	240.20	2.50	F23751	0.17	4	6		
364.00	368.40	2bl	100	30	grey/brown,wk-mod bl,loc wk ch/tr fuch.pil/mn vars,mn rust,2% qs									

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
368.40	418.00	lcb.se.fu	100	50	grey/green.wk se.loc tr fuch.mn rust patches.tr qs	240.20	242.20	2.00	F23752	0.04		0		
418.00	431.20	2cb.p	100	50	grey/green.wk ch/cb.mn pils	242.20	247.20	5.00	F23753	0.01	1	0		
431.20	485.00	ltc.cb	95	50	dk grey.wk cb,mn ch.10% wk rust patches	247.20	252.20	5.00	F23754	0.01		0		
485.00	495.60	lcb,tc.ch	100	50	grey/green.mn tc.wk ch,tr fuch at end.loc mn rust	252.20	257.20	5.00	F23755	0.01		0		
495.60	503.70	8fp,Se	100	45	lt olive green/grey.wk-mod se.wk fuch spks.8% qs.tr-1% py	257.20	262.20	5.00	F23756	0.01		0		
503.70	506.40	l fu	100	30	green.mod fuch,mn rust,1% qs	262.20	266.30	4.10	F23757	0.03	2	0		
506.40	508.00	2bl	100	20	grey/green.wk se/fuch,wk-mod lx,tr qs	266.30	268.30	2.00	F23758	0.07		0		
508.00	512.30	l fu	100	30	green,mod fuch,mn rust	268.30	270.80	2.50	F23759	1.44	6	3		
512.30	541.30	8fp,se,qs,Py	100	40	grey-olive green.loc tr-mod se,loc wk si.tr fuch frags,7% qs,5% py,loc tr cpy/un	270.80	272.80	2.00	F23760	19.89	4	4		
541.30	546.40	lcb,fu	100	50	grey/green.wk fuch.1% qs	272.80	274.80	2.00	F23761	9.36	7	8		vg in qs
546.40	553.00	8fp,se,sl	90	45	grey-pink/grey.top half wk se/cb/50% rust,lower half wk si,tr qs/py	274.80	276.80	2.00	F23762	6.65	4	4		tr cpy
553.00	604.50	ltc.cb,cb	95	45	grey-pink/grey.top half wk se/cb/50% rust,lower half wk si,tr qs/py	276.80	279.20	2.40	F23763	4.29	8	3		2" qs
604.50	606.20	8fp	90	50	grey/green.wk cb,loc wk ch,mn fuch/se near end,loc mn rust	279.20	280.50	1.30	F23764	0.06		0		
					grey/green.wk cb,loc wk ch,mn fuch/se near end,loc mn rust	280.50	282.80	2.30	F23765	6.24	13	7		
					grey,mn cb.35% wk rust,1% qs,tr py.EOH.	282.80	284.80	2.00	F23766	0.69	8	0		
						284.80	289.80	5.00	F23767	0.16	7	0		
						289.80	293.50	3.70	F23768	0.17	5	0		
						293.50	298.50	5.00	F23769	0.06		0		
						298.50	301.50	3.00	F23770	0.06	2	0		
						301.50	303.50	2.00	F23771	0.03	2	0		
						303.50	305.00	1.50	F23772	11.18	30	12		qv.vg
						305.00	307.00	2.00	F23773	8.88	17	10		3 x vg in qs
						307.00	308.50	1.50	F23774	5.62	10	10		
						308.50	310.80	2.30	F23775	5.49	35	7		0.6' qv
						310.80	312.30	1.50	F23776	1.99	8	1		
						312.30	313.30	1.00	F23777	5.35	60	8		QV,FZ
						313.30	314.30	1.00	F23778	19.61	20	3		qs.vg
						314.30	316.10	1.80	F23779	0.62	2	1		
						316.10	318.50	2.40	F23780	6.19	15	10		qs.vg
						318.50	320.20	1.70	F23781	1.34	95	1		QV
						320.20	323.00	2.80	F23782	8.06	20	15		vg,flat qs's
						323.00	324.20	1.20	F23783	1.92	30	1		qs's

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
324.20	326.90					324.20	326.90	2.70	F23784	5.70	35	10		2 x 1 g/qs
326.90	328.90					326.90	328.90	2.00	F23785	4.25	15	0		qs's
328.90	331.90					328.90	331.90	3.00	F23786	0.20	5	0		
331.90	335.00					331.90	335.00	3.10	F23787	0.16	8	0		
335.00	338.00					335.00	338.00	3.00	F23788	0.01		0		
338.00	342.00					338.00	342.00	4.00	F23789	0.96	1	0		
342.00	346.00					342.00	346.00	4.00	F23790	0.33	5	0		2.5" qs,tm
346.00	350.00					346.00	350.00	4.00	F23791	0.32	0	0		
350.00	354.00					350.00	354.00	4.00	F23792	0.18	4	0		
354.00	355.00					354.00	355.00	1.00	F23793	0.94	1	12		7bn
355.00	359.00					355.00	359.00	4.00	F23794	0.06	0	0		
359.00	364.00					359.00	364.00	5.00	F23795	0.03	1	0		
364.00	368.40					364.00	368.40	4.40	F23796	0.01	2	0		
368.40	373.00					368.40	373.00	4.60	F23797	0.06		0		
373.00	378.00					373.00	378.00	5.00	F23798	0.07	0	0		
378.00	383.00					378.00	383.00	5.00	F23799	0.11		0		
383.00	388.00					383.00	388.00	5.00	F23800	0.05	2	0		
388.00	393.00					388.00	393.00	5.00	F23801	0.02		0		
393.00	482.60					393.00	482.60	89.60						
482.60	487.60					482.60	487.60	5.00	F23802	0.03		0		
487.60	492.60					487.60	492.60	5.00	F23803	0.03		0		
492.60	495.60					492.60	495.60	3.00	F23804	0.01	0	0		
495.60	498.10					495.60	498.10	2.50	F23805	0.08	8	0		
498.10	501.20					498.10	501.20	3.10	F23806	0.05	8	0		
501.20	503.70					501.20	503.70	2.50	F23807	0.35	10	0		
503.70	508.30					503.70	508.30	4.60	F23808	0.01	1	0		
508.30	512.30					508.30	512.30	4.00	F23809	0.22	0	0		
512.30	515.30					512.30	515.30	3.00	F23810	0.04	8	1		
515.30	518.30					515.30	518.30	3.00	F23811	0.20	8	3		
518.30	521.30					518.30	521.30	3.00	F23812	2.64	8	6		
521.30	524.30					521.30	524.30	3.00	F23813	2.78	6	7		
524.30	527.30					524.30	527.30	3.00	F23814	8.64	3	7		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						527.30	530.30	3.00	F23815	6.38	5	7		
						530.30	533.30	3.00	F23816	1.02	4	6		
						533.30	536.30	3.00	F23817	1.34	7	5		
						536.30	539.30	3.00	F23818	2.40	10	5		
						539.30	541.30	2.00	F23819	0.76	5	5		
						541.30	543.40	2.10	F23820	0.03	5	0		
						543.40	546.40	3.00	F23821	0.01		0		
						546.40	549.80	3.40	F23822	0.12	3	0		
						549.80	553.00	3.20	F23823	0.01	1	0		
						553.00	556.00	3.00	F23824	0.02		0		
						556.00	561.00	5.00	F23825	0.01		0		
						561.00	566.00	5.00	F23826	0.01		0		
						566.00	604.50	38.50						
						604.50	606.20	1.70	F23827	0.15	2	0		EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-33	303.5	328.9	5.93					Main			



42A10SW2029

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-34	13764	5417	10902	784.2	3/1/02	EZ Shot	BQ	S. Harding	S	Hopson	L0+00.0+50N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-70	13764.00	5417.00	10902.00						
55.00	349	-71	13759.07	5434.63	10850.16						
220.00	352	-71	13750.21	5487.59	10694.15						
460.00	359	-72	13744.13	5563.36	10466.56						
720.00	4	-73	13746.08	5641.44	10218.60						

Mining Claim: 12579

Start Date
2/26/02End Date
2/28/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet				Fee											
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks	
0.00	4.00	OB				0.00	4.00	4.00						OB	
4.00	12.50	2,p,bl,ch	90	40	grey/green/tan,loc wk-mod bl,tr-wk ch,rust at top and lower cnt,2% qs,1% py,loc tr cpy	4.00	8.50	4.50	F23368	0.03	0	1			
12.50	20.20	2,p,bl,si	95	40	lt grey-grey,wk-mod si,wk bl,loc mn ch,wk cb,mn wk rust,4% qs,tr py	8.50	12.50	4.00	F23369	0.01	4	1		tr cpy	
20.20	25.30	2,p,bl,ch	100	40	grey-grey/green,wk bl/cb,loc wk ch/si,tr qs,tr py	12.50	16.20	3.70	F23370	0.01	7	0			
25.30	28.30	2,m,ch,fu	100	40	grey/green,wk-mod ch,tr-wk fuch,motl/msv	16.20	20.20	4.00	F23371	0.01	1	0			
28.30	30.30	2,p,Bl	100	40	lt grey/tan,wk-mod bl,mn cb,2% qs	20.20	24.30	4.10	F23372	0.01	1	0			
30.30	33.20	2fu	85	40	green,mod-str fuch,motl,15% rust in middle	24.30	28.30	4.00	F23373	0.01		0			
33.20	39.00	2,p,Bl	90	40	lt tan,mod bl,loc wk si,2% qs,1% py	28.30	30.30	2.00	F23374	0.01	2	0			
39.00	40.70	2fu	100	40	green,motl/msv,tr qs	30.30	33.20	2.90	F23375	0.05		0			
40.70	45.20	7bn,Py	100	45	grey/brown,mn se,6% qs,5% py	33.20	36.00	2.80	F23376	2.50	3	2			
45.20	47.20	2fu	100	45	lt green,mod-str fuch,7% flat qs	36.00	39.00	3.00	F23377	0.11	1	0			
47.20	60.50	2,p,Bl	95	45	lt grey/brown,mod bl,wkly pil,10% rust patches incl lower cnt,loc mn ch/cb/fuch spks,tr qs,tr py	39.00	40.70	1.70	F23378	0.09	0	0			
60.50	87.80	2,p,Bl,si	95	40	tan/mn grey,mod-str bl,wk-mod si,loc Bl/no si,mn rust at top cnt,3% qs,tr-1% py,3" fuch frag @ 81.6'	40.70	43.20	2.50	F23379	0.15	5	4			
87.80	89.30	2fu	90	40	green,mod fuch,motl,20% rust incl lower cnt,2% tiny qs	43.20	45.20	2.00	F23380	0.18	6	6			
89.30	90.70	2,p,Bl,si	100	40	lt tan,mod bl,wk-mod si,mn rust at top cnt,3" flat qv at top,tr py	45.20	47.20	2.00	F23381	0.12	7	0		flat qs	
90.70	95.00	2fu	90	40	green-grey/green,mod fuch,grad lower cnt,mn rust,2% flat qs,1% py	47.20	50.20	3.00	F23382	0.13	1	0			
95.00	141.30	2fu,p	100	40	grey/green,wk se,loc tr-wk fuch,mn cb,tr rust,tr qs	50.20	53.20	3.00	F23383	0.12	0	0			
						53.20	56.20	3.00	F23384	3.79	0	0			
						56.20	58.20	2.00	F23385	0.05	0	0			
						58.20	60.50	2.30	F23386	0.31	0	1			
						60.50	63.50	3.00	F23387	0.58	0	5			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
141.30	143.30	2fu	100	40	lt green,mod fuch,motl.rust at lower cnt,grad top cnt	63.50	66.50	3.00	F23388	8.13	3	6		
143.30	147.00	7bn,Se,qs	95	55	olive green,mod se,mn rust at cnts,15% qs < 1.5" wide,3% py	66.50	69.80	3.30	F23389	0.02	1	0		
147.00	165.70	2fu,p	95	40	green-grey/green,mod-str fuch,tr-wk fuch in lower 2.5',20% rust patches,1-2% qs,tr py	69.80	72.80	3.00	F23390	0.32	6	0		
165.70	172.20	7bn,se	95	50	olive green/grey,wk-mod se,rust in lower 0.5',7% qs,3% py,loc tr cpy/ga	72.80	75.80	3.00	F23391	0.08	3	0		
172.20	172.70	FZ	0	25	blocky/broken core,mn gouge,rusty	75.80	78.80	3.00	F23392	0.07	3	0		
172.70	199.50	7bn,se,Py	95	50	olive green/grey,tr-wk se,7% rust incl cnts,lower cnt 15 deg tca,8% qs,5% py,vg in qs @ 193 & 199'	78.80	81.80	3.00	F23393	0.10	2	0		
199.50	209.60	1fu	95	40	lt green-green,mod-str fuch,30% rust patches incl top cnt,2% qs	81.80	84.80	3.00	F23394	0.01	3	0		
209.60	210.10	QV,tm	100	50	msv wh QV,5% tm,mn cb,wk rust in wallrock	84.80	87.80	3.00	F23395	0.01	3	0		
210.10	218.30	1fu	95	40	grey/green,mod fuch,75% rust patches,1-2% qs	87.80	89.30	1.50	F23396	0.02	2	0		
218.30	247.30	2fu,p	100	40	grey/green/brown,tr-wk fuch,wk se,8% rust patches,1% qs	89.30	90.70	1.40	F23397	0.04	30	0		flat qv
247.30	261.20	1fu	95	40	green-grey/green,wk-mod fuch,rusty in lower 6',5% qs	90.70	93.70	3.00	F23398	0.25	3	3		flat qs
261.20	264.40	FZ	0	20	blocky,mn gouge,rusty	93.70	97.70	4.00	F23399	0.03	0	0		
264.40	269.60	1cb,fu	95	40	grey/green,tr-mod fuch,rusty in top 0.6',tr-1% qs	97.70	102.70	5.00	F23400	0.01		0		
269.60	274.80	7bn,se	90	45	olive green/grey,tr-wk se,7% qs,3% py	102.70	107.70	5.00	F23401	0.01	0	0		
274.80	285.70	1cb,fu	100	40	grey-grey/green,tr-mod fuch at margins,7% rust patches,1% qs	107.70	112.70	5.00	F23402	0.08	2	0		
285.70	286.50	7bn,se,qs	100	55	olive green/grey,wk se,25% flat qs,4% py	112.70	117.70	5.00	F23403	0.04	1	0		
286.50	297.60	1cb,fu	100	40	grey/green-grey,loc tr-mod fuch,mn wk rust patches,tr qs	117.70	122.70	5.00	F23404	0.02	0	0		
297.60	300.60	7bn,qs,Py	90	45	grey,tr-wk se,mod frac/mbx,20% qs/fracs,5% py	122.70	127.70	5.00	F23405	0.01		0		
300.60	325.00	1fu,cb	95	40	green-grey/green,mod-str fuch,loc tr-wk fuch patches,1-2% qs	127.70	132.70	5.00	F23406	0.04	0	0		
325.00	335.00	2fu,p	95	45	lt green,str fuch,wkly pil/motl,mn rust,7% qs,1% py,tr cpy	132.70	137.70	5.00	F23407	0.10	0	0		
335.00	366.00	2,p,se,ch,cb	100	45	grey/green,wk-mod ch,wk se/cb,loc wk bl/si patches,tr fuch at margins,tr qs	137.70	141.30	3.60	F23408	0.13	0	0		
366.00	380.00	2fu,p	90	45	grey/green-green,wk-mod fuch,15% rust patches,4% qs,tr vg in qs @ 373'	141.30	143.30	2.00	F23409	0.01	0	0		
380.00	383.80	2,p,bl	100	45	grey-grey/green,wk bl,tr-wk fuch,tr qs	143.30	147.00	3.70	F23410	0.21	15	3		
383.80	395.80	1fu	95	45	lt green,mod-str fuch,mn rust,3% qs	147.00	149.00	2.00	F23411	0.13	2	0		
395.80	415.00	1cb	100	45	grey-grey/brown,wk se in top 6',tr fuch at top,tr rust	149.00	152.00	3.00	F23412	0.12	4	0		
						152.00	155.70	3.70	F23413	1.73	4	0		
						155.70	159.70	4.00	F23414	0.08	0	0		
						159.70	163.70	4.00	F23415	0.06	1	0		
						163.70	165.70	2.00	F23416	0.03	0	0		
						165.70	168.50	2.80	F23417	0.03	7	1		
						168.50	171.50	3.00	F23418	0.01	6	1		tr ga
						171.50	174.50	3.00	F23419	0.02	4	3		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
415.00	444.50	1cb.se.fu	95	45	grey/brown/green,loc wk-mod se/fuch.25% wk rust patches,1% qs loc w/ tm	174.50	177.50	3.00	F23420	0.02	7	2		tr cpy
444.50	465.50	1fu	100	45	green-grey/green,mod-str fuch,loc tr-wk fuch patches,5% qs < 2.5" wide loc w/ tm,4" qv w/ tm @ 461.5	177.50	180.50	3.00	F23421	0.12	7	4		
465.50	472.10	2BL.fu	100	45	grey/tan/green,mod bl,tr-wk fuch spks,loc wk si,6% qs,1% py,loc tr cpy	180.50	183.50	3.00	F23422	0.33	8	4		
472.10	489.70	1cb.fu	100	45	grey-grey/green,loc tr-wk fuch,tr rust along fracs,1% qs	183.50	186.50	3.00	F23423	0.13	4	3		
489.70	494.20	1fu	100	45	green,str fuch,2% qs	186.50	189.50	3.00	F23424	0.04	3	3		
494.20	494.90	7bn.Se	100	55	olive green,mod se,2% qs,5% py	189.50	191.50	2.00	F23425	0.16	4	3		
494.90	496.00	1fu.py	100	55	green,mn se,tr qs,3% py	191.50	193.50	2.00	F23426	0.60	8	5		tr cpy
496.00	526.00	7bn.Se,qs	95	55	olive green-mn grey,mod se,mn fuch frags at end,10% qs,4% py,loc tr cpy,tr vg in qs @ 518.5'	193.50	195.50	2.00	F23427	1.03	12	5		vg in qs
526.00	526.90	1fu,qs,vg	95	55	green,mod fuch,40% rust,4% qs,tr vg in tiny qs at top cnt	195.50	197.50	2.00	F23428	0.71	17	6		
526.90	531.00	7bn.fu,se	100	55	grey/green,wk se,tr-wk fuch spks,mn rust at top cnt,4% qs,3% py	197.50	199.50	2.00	F23429	1.71	13	7		vg in qs
531.00	537.50	1fu	100	45	green-grey/green,mod fuch,mn se,tr qs	199.50	201.50	2.00	F23430	0.19	10	0		qs's
537.50	547.40	1cb,fu	95	45	grey/green,tr-wk fuch,10% rust patches,tr qs	201.50	205.50	4.00	F23431	0.06	0	0		
547.40	550.40	1fu,qs	95	45	green,str fuch,mn rust,10% qs	205.50	209.30	3.80	F23432	0.04	1	0		
550.40	551.40	7bn,qs,PY	100	50	tan,10% fuch/se frags,mn wk rust,20% qs,10% py	209.30	210.30	1.00	F23433	0.02	55	0		QV,tm
551.40	552.60	1fu,qs,vg	100	50	green,str fuch,12% qs,tr py/cpy,tr vg in tiny qs	210.30	214.30	4.00	F23434	0.07	2	0		
552.60	553.50	7bn,Se,qs,PY	100	50	olive green-grey,tr-wk se,10% qs,17% py,tr cpy	214.30	218.30	4.00	F23435	0.04	1	0		
553.50	585.60	1fu	95	45	green-mn grey/green,mod-str fuch,mn tr-wk fuch patches,loc mn rust,4% qs loc w/ tm	218.30	223.30	5.00	F23436	0.16	1	0		
585.60	594.80	7bn.sl,se,qs	100	40	lt tan/grey,loc wk-mod si,wk se,wk-mod frac in places,7% qs < 1.5" wide,6% py,4.5" qv @ 490.7'	223.30	228.30	5.00	F23437	0.03	2	0		
594.80	608.00	1fu,cb	100	45	green-grey/green,mod-str fuch w/ loc tr-wk fuch patches,mn rust,1% qs,4" qv w/ tm @ 601.7'	228.30	233.30	5.00	F23438	0.05	1	0		
608.00	617.70	1cb.fu	100	45	grey-grey/green,tr-wk fuch,1.5" 1fu at end,loc mn rust,2% qs in 1fu	233.30	238.30	5.00	F23439	0.01	0	0		
617.70	619.80	2Bl,qv	100	40	lt tan,mod bl,wk si,mn se at margins,tr qs/py,5" qv in middle	238.30	243.30	5.00	F23440	0.03	0	0		
619.80	635.50	1cb.fu	95	45	grey/green-green,loc tr-mod fuch,mn rust,tr-1% qs	243.30	247.30	4.00	F23441	1.47	3	0		
635.50	651.30	2bl,cb	95	50	grey-mn grey/green,wk bl/cb/lx,tr-wk fuch spks,mn 1cb frags,mn rust,wk-mod se in end 2',3% qs,3% py	247.30	252.30	5.00	F23442	0.07	2	0		
651.30	663.30	1cb,fu	95	45	grey/green,tr-mod fuch at margins,mn rust,2% qs	252.30	257.30	5.00	F23443	0.16	5	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
663.30	665.30	8fp,Se	100	25	yellow green.mod-str se.tr fuch frags	281.80	285.50	3.70	F23452	0.07	2	0		
665.30	683.30	1cb, fu	95	45	grey/green-grey, loc tr-wk fuch, mn rust, tr-1% qs	285.50	286.50	1.00	F23453	0.72	25	4		qs's
683.30	687.80	1fu	100	45	green-grey/green, wk-mod fuch, mn rust, 1% qs, 2% py, 3" 7bn @ 686.5'	286.50	290.00	3.50	F23454	0.04	1	0		
						290.00	295.00	5.00	F23455	0.09	0	0		
687.80	694.80	7bn, se	100	40	lt olive green/grey, loc wk-mod se, mn fuch spks, 5% qs, 4% py	295.00	297.60	2.60	F23456	0.19	1	0		
694.80	700.50	1fu	100	45	green, mod-str fuch, 5% qs	297.60	300.60	3.00	F23457	1.58	20	5		qs's/fracs
700.50	726.00	1cb, fu	100	45	grey/green-mn green, tr-wk fuch, loc mod fuch patches, tr rust, 1% qs	300.60	302.60	2.00	F23458	0.15	2	0		
						302.60	307.60	5.00	F23459	0.96	5	0		
726.00	736.20	1fu	100	45	green, str fuch, motl, 5% qs, loc tr cpy	307.60	312.60	5.00	F23460	0.05		0		
736.20	751.50	8fp, Se, qs, Py	100	30	grey-olive green/grey, tr-mod se, 25% qs/qv, 5% py, loc tr cpy/ga, 0.5' qv @ 738.8'	312.60	317.60	5.00	F23461	0.38		0		
						317.60	322.60	5.00	F23462	0.04	2	0		
751.50	760.00	1fu	100	45	green, mod-str fuch, 1% qs	322.60	325.00	2.40	F23463	0.07	3	0		
760.00	771.50	1cb, se, fu	100	45	grey/green/brown, loc tr-wk fuch, wk se, tr qs	325.00	329.00	4.00	F23464	0.09	4	0		
771.50	784.20	1cb, tc	100	45	grey/green, wk se/cb, mn ch, EOH.	329.00	332.00	3.00	F23465	0.45	12	1		tr cpy
						332.00	335.00	3.00	F23466	4.17	5	2		tr cpy
						335.00	339.00	4.00	F23467	0.01	0	0		
						339.00	343.00	4.00	F23468	0.04	0	0		
						343.00	346.00	3.00	F23469	0.01	2	0		0.7' si
						346.00	351.00	5.00	F23470	0.01		0		
						351.00	356.00	5.00	F23471	0.01	0	0		
						356.00	361.00	5.00	F23472	0.01	0	0		
						361.00	366.00	5.00	F23473	0.02	1	0		
						366.00	370.00	4.00	F23474	0.10	6	0		
						370.00	372.00	2.00	F23475	0.06	7	0		
						372.00	374.00	2.00	F23476	0.60	8	0		vg in qs
						374.00	376.00	2.00	F23477	0.03	0	0		
						376.00	380.00	4.00	F23478	0.30	0	0		
						380.00	383.80	3.80	F23479	0.02	1	0		
						383.80	385.80	2.00	F23480	0.11	3	0		
						385.80	390.80	5.00	F23481	0.07	2	0		
						390.80	395.80	5.00	F23482	0.08	3	0		
						395.80	400.80	5.00	F23483	0.02	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
400.80	405.80					400.80	405.80	5.00	F23484	0.03		0		
405.80	410.80					405.80	410.80	5.00	F23485	0.01	1	0		
410.80	415.80					410.80	415.80	5.00	F23486	0.01	0	0		
415.80	420.80					415.80	420.80	5.00	F23487	0.05		0		
420.80	425.80					420.80	425.80	5.00	F23488	0.06	3	0		2.5" qs,tm
425.80	430.80					425.80	430.80	5.00	F23489	0.01		0		
430.80	435.80					430.80	435.80	5.00	F23490	0.14	0	0		
435.80	441.50					435.80	441.50	5.70	F23491	0.11	2	0		
441.50	446.50					441.50	446.50	5.00	F23492	0.13	2	0		
446.50	450.50					446.50	450.50	4.00	F23493	0.10	5	0		2.5" qs
450.50	454.50					450.50	454.50	4.00	F23494	1.23	3	0		
454.50	458.50					454.50	458.50	4.00	F23495	0.03	3	0		
458.50	462.50					458.50	462.50	4.00	F23496	0.11	10	0		4" qv,tm
462.50	465.50					462.50	465.50	3.00	F23497	0.15	2	0		
465.50	467.50					465.50	467.50	2.00	F23498	9.12	4	2		
467.50	469.80					467.50	469.80	2.30	F23499	1.10	3	2		
469.80	472.10					469.80	472.10	2.30	F23500	3.33	10	0		tr cpy
472.10	475.10					472.10	475.10	3.00	F23501	0.05	1	0		
475.10	480.10					475.10	480.10	5.00	F23502	0.05	0	0		
480.10	484.10					480.10	484.10	4.00	F23503	0.13	3	0		
484.10	488.10					484.10	488.10	4.00	F23504	0.03	2	0		
488.10	492.00					488.10	492.00	3.90	F23505	0.39	5	0		
492.00	494.00					492.00	494.00	2.00	F23506	0.07	3	0		
494.00	496.00					494.00	496.00	2.00	F23507	0.11	2	6		0.9' 7bn
496.00	499.00					496.00	499.00	3.00	F23508	0.17	7	3		
499.00	502.00					499.00	502.00	3.00	F23509	1.00	35	3		qs's
502.00	505.00					502.00	505.00	3.00	F23510	0.47	12	4		tr cpy
505.00	508.00					505.00	508.00	3.00	F23511	0.24	8	3		
508.00	511.00					508.00	511.00	3.00	F23512	0.65	8	5		
511.00	514.00					511.00	514.00	3.00	F23513	0.59	6	5		
514.00	516.00					514.00	516.00	2.00	F23514	0.07	6	3		
516.00	518.00					516.00	518.00	2.00	F23515	0.16	6	4		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
						518.00	520.00	2.00	F23516	4.43	7	6		vg in qs
						520.00	522.00	2.00	F23517	5.90	5	3		
						522.00	524.00	2.00	F23518	0.18	3	3		
						524.00	526.00	2.00	F23519	1.60	6	5		vg in qs
						526.00	528.00	2.00	F23520	1.92	5	3		lfu/7bn
						528.00	531.00	3.00	F23521	2.33	5	2		
						531.00	534.00	3.00	F23522	0.01	0	0		
						534.00	539.00	5.00	F23523	0.05	0	0		
						539.00	544.00	5.00	F23524	0.01	1	0		
						544.00	547.40	3.40	F23525	0.01	0	0		
						547.40	550.40	3.00	F23526	2.28	10	0		
						550.40	551.40	1.00	F23527	2.06	20	10		
						551.40	552.60	1.20	F23528	0.46	12	0		vg in qs
						552.60	553.50	0.90	F23529	1.60	10	17		
						553.50	555.50	2.00	F23530	0.03	4	0		
						555.50	559.50	4.00	F23531	0.17	6	0		
						559.50	563.50	4.00	F23532	0.30	8	0		
						563.50	567.50	4.00	F23533	0.15	4	0		
						567.50	571.50	4.00	F23534	0.03	0	0		
						571.50	575.50	4.00	F23535	0.16	10	0		2.5" qs,tm
						575.50	579.50	4.00	F23536	0.01	2	0		
						579.50	583.60	4.10	F23537	0.01	0	0		
						583.60	585.60	2.00	F23538	0.31	3	0		
						585.60	588.60	3.00	F23539	0.85	3	2		
						588.60	591.80	3.20	F23540	2.78	20	8		4.5" qv
						591.80	594.80	3.00	F23541	1.54	13	6		
						594.80	596.80	2.00	F23542	0.80	10	0		qs,tm
						596.80	600.80	4.00	F23543	0.07		0		
						600.80	602.80	2.00	F23544	0.31	20	0		4" qv,tm
						602.80	606.80	4.00	F23545	0.07		0		
						606.80	611.80	5.00	F23546	0.27	1	0		
						611.80	615.70	3.90	F23547	0.06	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						615.70	617.70	2.00	F23548	0.97	6	0		
						617.70	619.80	2.10	F23549	0.73	22	1		5" qv
						619.80	621.80	2.00	F23550	0.05		0		
						621.80	625.80	4.00	F23551	0.10	0	0		
						625.80	629.80	4.00	F23552	0.22	0	0		
						629.80	633.50	3.70	F23553	0.04	3	0		
						633.50	635.50	2.00	F23554	0.05	1	0		
						635.50	638.50	3.00	F23555	2.85	0	1		
						638.50	641.00	2.50	F23556	0.33	1	0		
						641.00	643.00	2.00	F23557	1.37	4	3		
						643.00	645.00	2.00	F23558	4.36	6	3		
						645.00	647.30	2.30	F23559	0.33	1	1		
						647.30	649.30	2.00	F23560	4.94	4	5		
						649.30	651.30	2.00	F23561	2.92	5	7		
						651.30	653.30	2.00	F23562	0.49	15	0		
						653.30	658.00	4.70	F23563	0.01	3	0		
						658.00	663.00	5.00	F23564	0.26	1	0		
						663.00	665.50	2.50	F23565	0.03	1	0		
						665.50	669.00	3.50	F23566	0.10	1	0		
						669.00	675.00	6.00	F23567	0.03	0	0		
						675.00	680.00	5.00	F23568	0.05	0	0		
						680.00	685.00	5.00	F23569	0.01	2	1		
						685.00	687.80	2.80	F23570	0.01	0	2		
						687.80	689.80	2.00	F23571	0.06	7	5		
						689.80	692.80	3.00	F23572	0.06	7	4		
						692.80	694.80	2.00	F23573	0.43	2	3		
						694.80	696.80	2.00	F23574	0.24	3	0		
						696.80	699.80	3.00	F23575	0.04	8	0		2.5" qs
						699.80	704.80	5.00	F23576	0.10	1	0		
						704.80	709.80	5.00	F23577	0.05	1	0		
						709.80	714.80	5.00	F23578	0.10	0	0		
						714.80	719.80	5.00	F23579	0.04	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						719.80	724.80	5.00	F23580	0.02	1	0		
						724.80	727.20	2.40	F23581	0.02	2	0		
						727.20	731.20	4.00	F23582	0.03	5	0		
						731.20	734.20	3.00	F23583	0.31	6	0		tr cpy
						734.20	736.20	2.00	F23584	0.65	2	0		
						736.20	738.20	2.00	F23585	1.04	30	4		qs's
						738.20	740.20	2.00	F23586	1.03	45	4		0.5' qv
						740.20	742.20	2.00	F23587	1.20	13	5		
						742.20	745.20	3.00	F23588	1.73	35	5		tr ga
						745.20	747.50	2.30	F23589	1.63	8	7		
						747.50	749.50	2.00	F23590	0.82	15	7		
						749.50	751.50	2.00	F23591	0.73	30	6		
						751.50	753.50	2.00	F23592	0.15	5	0		
						753.50	757.50	4.00	F23593	0.04	1	0		
						757.50	761.50	4.00	F23594	0.03	2	0		
						761.50	766.50	5.00	F23595	0.03	0	0		
						766.50	771.50	5.00	F23596	0.02	0	0		
						771.50	784.20	12.70						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-34	267.6	274.8	1.89					Main			



42A10SW2029

2.24187

MACKLEM

102

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-35	13565	5461	10895	961	3/6/02	EZ Shot	BQ	S. Harding	S	Hopson	L2+00W.1+60N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	0	-90	13565.00	5461.00	10895.00						
83.00	305	-88	13563.79	5461.85	10810.03						
260.00	290	-89	13559.85	5464.12	10635.09						
450.00	256	-89	13556.68	5464.29	10445.12						
700.00	275	-89	13552.39	5463.95	10195.16						
960.00	239	-89	13548.19	5462.98	9935.20						

Mining Claim: P546620

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Start Date	End Date
3/2/02	3/5/02

Signed by: 

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	42.80	OB				0.00	42.80	42.80						OB
42.80	46.40	7bn,Py	80	70	grey,30% rust patches,5% qs,5% py,tr cpy	42.80	44.80	2.00	F23828	4.06	5	4		
46.40	47.70	QV	0	65	blocky,msv wh QV,7% rusty frags,rare py	44.80	46.40	1.60	F23829	4.46	5	6		tr cpy
47.70	50.50	7bn,qs,Py,vg	85	70	grey,10% rust,mn fuch frags at end,12% qs < 0.5" wide,5% py,tr cpy,tr vg in tiny qs @ 50.2'	46.40	47.70	1.30	F23830	1.99	100	0		QV
50.50	52.00	1fu	90	70	green,mod-str fuch,30% rust,tr-1% qs	47.70	50.50	2.80	F23831	10.06	8	8		vg in qs
52.00	66.00	7bn,Py	95	70	grey,loc tr-wk se,10% rust patches,rusty seam at lower cnt,8% qs,5% py	50.50	52.00	1.50	F23832	0.14	1	0		
66.00	72.50	1cb,fu	90	70	grey/green,tr-wk fuch,40% rust patches incl 1.5' at top,tr qs	52.00	54.00	2.00	F23833	1.85	7	4		
72.50	101.00	1fu	95	70	green-grey/green,mod-str fuch,25% rust patches,4% qs loc w/ tm	54.00	56.00	2.00	F23834	3.02	20	6		qs's
101.00	154.30	2fu,p	90	70	green-grey/green,mod-str fuch,motl/wkly pil,loc mn rust patches,3% qs,loc tr-1% py	56.00	58.00	2.00	F23835	0.13	7	4		
154.30	201.00	2cb,p	95	60	grey/green,wk-mod ch,wk cb,mn fuch at margins,loc mn rust,motl/wkly pil-msv	58.00	60.00	2.00	F23836	2.37	10	6		
201.00	287.50	2fu,p	100	60	green-grey/green,mod fuch,loc wk fuch/mn ch,loc mn rust,motl/wkly pil,4% qv/qs < 3.5" wide,tr-1% py	60.00	62.00	2.00	F23837	1.13	2	5		
287.50	300.90	7bn,qs	95	50	grey,loc tr se,rusty seam at top cnt,mn rust at end cnt,8% qs,4% py,tr vg in qs's @ 290.2 & 290.9'	62.00	64.00	2.00	F23838	6.64	7	7		
300.90	320.00	1fu	100	50	grey/green-green,mod fuch,loc mn rust,5% qs	64.00	66.00	2.00	F23839	0.54	7	4		
320.00	345.60	1cb,fu	95	50	grey/green,tr-wk fuch,10% wk rust patches,3% qs < 2.5" wide loc w/ tm	66.00	68.00	2.00	F23840	0.02	1	1		
						68.00	72.00	4.00	F23841	0.03	0	0		
						72.00	77.00	5.00	F23842	0.06	6	0		
						77.00	82.00	5.00	F23843	0.05	6	0		3" qs
						82.00	87.00	5.00	F23844	0.01	6	0		
						87.00	92.00	5.00	F23845	0.04	0	0		
						92.00	97.00	5.00	F23846	0.01	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
345.60	352.60	2,p,bl	95	30	grey/tan,wk bl,mn se/fuch spks,mn rust,3% qs,2% py,loc tr cpy,3" qv @ 346.1'	97.00	101.00	4.00	F23847	0.04	5	0		
						101.00	105.00	4.00	F23848	0.78	2	0		
352.60	366.00	1cb,fu	100	50	grey-grey/green,loc tr-wk fuch,15% wk rust patches,tr qs	105.00	109.00	4.00	F23849	0.09	3	0		
366.00	386.50	1fu	95	50	green-grey/green,mod-str fuch,mn rust patches,2% qs	109.00	113.00	4.00	F23850	0.58	4	0		
386.50	388.80	7bn,qs,Py	95	30	grey,rusty cnts,broken core at lower cnt,15% qs < 1" wide,6% py	113.00	117.00	4.00	F23851	0.29	1	0		
						117.00	120.00	3.00	F23852	1.63	5	0		
388.80	399.00	1fu	95	40	grey/green,wk-mod fuch,10% rust,rust at both cnts,3% qs	120.00	123.00	3.00	F23853	0.15	1	0		
399.00	402.80	2,p,Bl,qs,vg	100	50	grey,wk-mod bl,wk se/mn fuch in top 1',rust at top cnt,6% py,tr vg in qs's @ 400.7,401.8 & 402.1'	123.00	126.00	3.00	F23854	0.05				
						126.00	129.00	3.00	F23855	4.18	13	1		3" qs
402.80	415.50	2,p,Bl,sc	95	50	lt tan,mod bl,wk se/fuch spks,15% rust patches,7% qs/qv < 3" wide,4% py	129.00	132.00	3.00	F23856	1.75	8	1		
						132.00	135.00	3.00	F23857	0.27	1	0		
415.50	432.30	2,p,bl	80	50	grey-mn tan,wk bl w/ loc mod bl,10% wk rust patches,1% qs/1% py in mod bl patches	135.00	139.00	4.00	F23858	0.09	1	0		
432.30	436.00	2fu,p	100	50	green-grey/green,wk-mod fuch,motl/wkly pil	139.00	144.00	5.00	F23859	0.70	2	0		
436.00	463.30	2cb,p	100	50	grey/green,wk cb/ch,tr-wk fuch at cnts,wkly pil,mn vars	144.00	149.00	5.00	F23860	0.02	0	0		
463.30	490.00	1fu	95	50	green-grey/green,mod-str fuch,1-2% qs	149.00	154.00	5.00	F23861	0.09	0	0		
490.00	571.00	1cb,fu	100	50	grey/green-grey,loc tr-wk fuch,mn se,loc mn rust patches,1% qs	154.00	159.00	5.00	F23862	0.09	0	0		
						159.00	163.00	4.00	F23997	0.03	0	0		
571.00	600.00	1cb	100	50	grey,loc tr fuch/mn se	163.00	168.00	5.00	F23998	0.01	0	0		
600.00	630.00	1cb,tc	100	50	grey,loc mn se,tr qs	168.00	173.00	5.00	F23999	0.01	0	0		
630.00	660.00	1cb,se	90	50	grey/brown,tr-wk se,tr fuch at end,2-3% flat qs	173.00	178.00	5.00	F24000	0.01	0	0		
660.00	666.40	1fu	100	50	green,str fuch,3% qs	178.00	183.00	5.00	F20701	0.01	0	0		
666.40	671.50	7bn,se,qs	100	40	grey/brown,tr-wk se,15% qs,3% py	183.00	188.00	5.00	F20702	0.01	0	0		
671.50	673.00	1fu	100	50	green,mod-str fuch,3% qs	188.00	193.00	5.00	F20703	0.04	0	0		
673.00	687.00	1cb,fu	100	50	grey-grey/green,loc tr-wk fuch,2% qs,3" qs w/ tm @ 682'	193.00	198.00	5.00	F20704	0.03	0	0		
687.00	707.70	1cb,se	95	50	grey-grey/brown,wk se,loc tr fuch,tr qs,0.4' 8fp @ 706.5'	198.00	201.00	3.00	F20705	0.02	0	0		
707.70	709.70	8fp,se	100	35	tan/grey,wk-mod se,mn fuch spks,wk cb,tr qs	201.00	206.00	5.00	F23863	0.19	2	0		
709.70	732.00	1cb	90	40	grey-mn grey/brown,loc tr-wk se/fuch,tr qs	206.00	211.00	5.00	F23864	0.04	0	0		
732.00	744.60	1cb,fu	100	40	grey/green,tr-mod fuch,mn se at top,6% qs,0.5' 8fp @ 742.7'	211.00	216.00	5.00	F23865	0.04	0	0		
						216.00	221.00	5.00	F23866	0.16	1	0		
744.60	770.00	8fp,Py	100	50	grey/pink,tr se,loc mn ch,tr-wk ch frags,ch lower cnt,3% qs,7% py	221.00	226.00	5.00	F23867	0.57	2	0		
770.00	778.00	1tc,cb	90	50	grey,wk cb in top half,tr qs	226.00	230.00	4.00	F23868	0.71	2	0		
778.00	788.50	1tc,7	90	50	grey,3 x 0.8' dk green,str ch dykes	230.00	233.50	3.50	F23869	0.02	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
788.50	802.00	ltc	95	50	grey,talc rich.loc mn ch	233.50	236.50	3.00	F23870	1.11	5	1		
802.00	819.20	ltc.ch	100	50	dk grey/green,wk-mod ch	236.50	239.50	3.00	F23871	1.59	7	0		2" qs
819.20	822.80	7.ch	100	30	lamprophyre,biotite/ch rich,wk ca	239.50	243.00	3.50	F23872	0.15		0		
822.80	831.80	ltc.ch	100	50	dk grey/green,wk-mod ch,wk ca	243.00	246.00	3.00	F23873	1.26	8	2		2" qs
831.80	849.00	ltc	95	50	grey,mn ch at end	246.00	250.00	4.00	F23874	0.66	4	0		
849.00	854.00	8fp,ch	90	50	grey/green,mn pink/grey,loc tr-mod ch,mn qcs,mn gouge at lower cnt	250.00	253.00	3.00	F23875	2.53	12	2		3.5" qv,tm
854.00	961.00	ltc.sr	90	50	dk grey-grey/green,harder,loc mn sr,tr qcs,sm flts @ 866.6,872.3 & 892.4',F.OH.	253.00	257.00	4.00	F23876	0.07	1	0		
						257.00	261.00	4.00	F23877	0.58	12	1		3.5" qv,tm
						261.00	265.00	4.00	F23878	0.14	0	0		
						265.00	268.00	3.00	F23879	0.76	10	1		2.5" qs
						268.00	271.00	3.00	F23880	2.27	6	1		
						271.00	275.00	4.00	F23881	0.34	4	0		
						275.00	278.50	3.50	F23882	0.66	10	1		
						278.50	282.50	4.00	F23883	0.14	2	0		
						282.50	285.50	3.00	F23884	0.01	0	0		
						285.50	287.50	2.00	F23885	0.06	2	0		
						287.50	289.50	2.00	F23886	0.82	4	2		
						289.50	291.50	2.00	F23887	0.66	10	3		2 x vg/qs
						291.50	293.50	2.00	F23888	0.52	8	3		
						293.50	295.50	2.00	F23889	3.74	10	4		
						295.50	297.90	2.40	F23890	1.02	7	5		
						297.90	300.90	3.00	F23891	4.46	12	8		
300.90	303.00	2.10	F23892	0.47	15	0								
303.00	307.00	4.00	F23893	0.19	5	0								
307.00	312.00	5.00	F23894	0.58	3	0								
312.00	317.00	5.00	F23895	0.08	1	0								
317.00	322.00	5.00	F23896	0.12	0	0								
322.00	327.00	5.00	F23897	0.03		0								
327.00	332.00	5.00	F23898	0.11	10	0		qs's,tm						
332.00	337.00	5.00	F23899	0.18	0	0								
337.00	342.00	5.00	F23900	0.05	5	0								
342.00	345.60	3.60	F23901	0.07	3	0								

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						345.60	349.10	3.50	F23902	3.45	10	2		3" qv
						349.10	352.60	3.50	F23903	2.40	4	2		tr cpy
						352.60	356.00	3.40	F23904	0.43	1	0		
						356.00	361.00	5.00	F23905	0.04		0		
						361.00	366.00	5.00	F23906	0.01		0		
						366.00	371.00	5.00	F23907	0.18	4	0		
						371.00	376.00	5.00	F23908	0.41	1	0		
						376.00	381.00	5.00	F23909	0.08		0		
						381.00	384.50	3.50	F23910	0.49	4	0		
						384.50	386.50	2.00	F23911	0.38	0	0		
						386.50	388.80	2.30	F23912	2.33	15	6		qs's
						388.80	390.80	2.00	F23913	0.15		0		
						390.80	393.80	3.00	F23914	0.27	0	0		
						393.80	397.00	3.20	F23915	0.65	10	0		
						397.00	399.00	2.00	F23916	0.34	3	0		
						399.00	401.50	2.50	F23917	3.28	10	5		vg, flat qs
						401.50	403.00	1.50	F23918	13.27	12	8		2 x vg, qs
						403.00	405.00	2.00	F23919	3.15	3	6		
						405.00	407.00	2.00	F23920	6.82	3	5		
						407.00	409.00	2.00	F23921	2.88	25	6		2 x qv
						409.00	411.00	2.00	F23922	1.51	7	3		
						411.00	415.50	4.50	F23923	3.05	1	0		
						415.50	419.00	3.50	F23924	0.12	1	0		
						419.00	422.00	3.00	F23925	0.30	1	0		
						422.00	425.00	3.00	F23926	1.03	3	1		
						425.00	428.00	3.00	F23927	0.43	2	1		
						428.00	432.30	4.30	F23928	0.07	2	0		
						432.30	436.00	3.70	F23929	0.40		0		
						436.00	441.00	5.00	F23930	0.14		0		
						441.00	446.00	5.00	F23931	0.02	0	0		
						446.00	451.00	5.00	F23932	0.03	0	0		
						451.00	456.00	5.00	F23933	0.03		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
456.00	461.00					456.00	461.00	5.00	F23934	0.01	0	0		
461.00	466.00					461.00	466.00	5.00	F23935	0.10	0	0		
466.00	471.00					466.00	471.00	5.00	F23936	0.35	0	0		
471.00	476.00					471.00	476.00	5.00	F23937	0.23	4	0		
476.00	481.00					476.00	481.00	5.00	F23938	0.16	2	0		
481.00	486.00					481.00	486.00	5.00	F23939	0.05	2	0		
486.00	491.00					486.00	491.00	5.00	F23940	0.01	0	0		
491.00	496.00					491.00	496.00	5.00	F23941	0.01	2	0		
496.00	501.00					496.00	501.00	5.00	F23942	0.14	3	0		
501.00	506.00					501.00	506.00	5.00	F23943	0.01		0		
506.00	511.00					506.00	511.00	5.00	F23944	0.06	2	0		
511.00	516.00					511.00	516.00	5.00	F23945	0.01	1	0		
516.00	521.00					516.00	521.00	5.00	F23946	0.03	0	0		
521.00	526.00					521.00	526.00	5.00	F23947	0.04		0		
526.00	531.00					526.00	531.00	5.00	F23948	0.01	1	0		
531.00	536.00					531.00	536.00	5.00	F23949	0.01	0	0		
536.00	541.00					536.00	541.00	5.00	F23950	0.03		0		
541.00	546.00					541.00	546.00	5.00	F23951	0.01	1	0		
546.00	551.00					546.00	551.00	5.00	F23952	0.01	0	0		
551.00	556.00					551.00	556.00	5.00	F23953	0.01	1	0		
556.00	561.00					556.00	561.00	5.00	F23954	0.01	0	0		
561.00	566.00					561.00	566.00	5.00	F23955	0.01	3	0		
566.00	571.00					566.00	571.00	5.00	F23956	0.03	0	0		
571.00	576.00					571.00	576.00	5.00	F23957	0.01		0		
576.00	630.00					576.00	630.00	54.00						
630.00	635.00					630.00	635.00	5.00	F23958	0.01	6	0		flat qs
635.00	640.00					635.00	640.00	5.00	F23959	0.01	8	0		flat qs
640.00	645.00					640.00	645.00	5.00	F23960	0.02	2	0		
645.00	650.00					645.00	650.00	5.00	F23961	0.01	5	0		
650.00	655.00					650.00	655.00	5.00	F23962	0.01	0	0		
655.00	660.00					655.00	660.00	5.00	F23963	0.01	1	0		
660.00	664.40					660.00	664.40	4.40	F23964	0.04	3	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						664.40	666.40	2.00	F23965	0.39	6	0		
						666.40	669.00	2.60	F23966	2.78	7	3		
						669.00	671.50	2.50	F23967	1.17	25	2		
						671.50	674.00	2.50	F23968	0.14	3	0		
						674.00	679.00	5.00	F23969	0.05	0	0		
						679.00	684.00	5.00	F23970	0.09	7	0		3" qs tm
						684.00	689.00	5.00	F23971	0.01	0	0		
						689.00	694.00	5.00	F23972	0.18	0	0		
						694.00	699.00	5.00	F23973	0.16	1	0		
						699.00	704.00	5.00	F23974	0.01		0		
						704.00	707.70	3.70	F23975	0.76	1	0		0.4' 8fp
						707.70	709.70	2.00	F23976	0.01	0	0		8fp
						709.70	714.00	4.30	F23977	0.01		0		
						714.00	719.00	5.00	F23978	0.02	0	0		
						719.00	724.00	5.00	F23979	0.01		0		
						724.00	729.00	5.00	F23980	0.01		0		
						729.00	734.00	5.00	F23981	0.01	1	0		
						734.00	738.00	4.00	F23982	0.01		0		
						738.00	742.00	4.00	F23983	0.04	7	0		
						742.00	744.60	2.60	F23984	0.07	17	0		0.5' 8fp
						744.60	747.00	2.40	F23985	0.65	8	6		
						747.00	750.00	3.00	F23986	1.11	3	5		
						750.00	753.00	3.00	F23987	1.20	2	6		
						753.00	756.00	3.00	F23988	2.16	2	7		
						756.00	759.00	3.00	F23989	1.61	2	8		
						759.00	762.00	3.00	F23990	2.33	1	8		
						762.00	765.00	3.00	F23991	1.95	2	8		
						765.00	768.00	3.00	F23992	2.26	1	8		
						768.00	770.00	2.00	F23993	0.37	8	8		
						770.00	773.00	3.00	F23994	0.84	3	0		
						773.00	778.00	5.00	F23995	0.15	0	0		
						778.00	783.00	5.00	F23996	0.09		0		2 x dyke

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						783.00	961.00	178.00						EOL



42A10SW2029

2.24187

MACKLEM

104

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location Comments:
HP02-36	13565	5461	10895	1178	3/8/02	EZ Shot	BQ	S Harding	S	Hopson	L2+00W:1+60N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Mining Claim: P546620, 12679		Start Date: 3/6/02		End Date: 3/9/02
0.00	160	-74	13565.00	5461.00	10895.00		Drill Contractor: NDS Drilling		Storage Location of Core: N/A Whole Core Sampled		
95.00	159	-74	13574.17	5436.47	10803.68						
260.00	161	-74	13589.72	5393.74	10645.07						
450.00	165	-74	13605.03	5343.69	10462.43						
620.00	164	-74	13617.55	5298.54	10299.02						
840.00	170	-74	13631.17	5239.53	10087.54						

Signed by: *Standing*

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	44.00	OB				0.00	44.00	44.00						OB
44.00	48.00	1cb,fu	80	40	rusty,wk fuch,tr qs	44.00	48.00	4.00	F25040	0.14	0	0		
48.00	49.00	FZ,LC	0		15% blocky core,mn gouge,85% lost core	48.00	49.00	1.00						FZ,LC
49.00	60.20	1cb,fu	95	40	grey-grey/green,loc tr-wk fuch,40% rusty patches,tr qs	49.00	54.00	5.00	F25041	0.02		0		
60.20	62.40	7bn,Se	100	40	olive green,mod se,rusty cnts,8% qs,1% py	54.00	58.00	4.00	F25042	0.03	0	0		
62.40	75.40	1cb	95	40	grey-grey/greenat top,wk-mod fuch in top 2',60% rust patches,tr qs	58.00	60.20	2.20	F25043	0.03	3	0		
75.40	96.00	1cb,tc	95	40	grey,tr-wk tc,25% wk rust patches,sm flt @ 83.3'	60.20	62.40	2.20	F25044	0.22	8	1		
96.00	103.50	1cb	90	40	grey,40% rust patches,tr qs	62.40	65.40	3.00	F25045	0.01	3	0		
103.50	113.20	1cb,fu	95	40	grey-grey/green,loc tr-wk fuch,20% rust patches,mn rust at lower cnt,wk bl in end 0.5',tr qs	65.40	70.40	5.00	F25046	0.11		0		
113.20	132.20	7bn,Py	95	50	grey,loc tr-wk se,mn rust incl top cnt,sm flt/fuch at end,7% qs,8% py,tr vg in tiny qs @ 119.8'	70.40	75.40	5.00	F25047	0.38		0		
132.20	165.80	7bn,se,Py	95	50	olive green/grey,wk se,loc mn rust,rust at end cnt,8% qs,7% py,tr vg in qs's @ 144.8,151,157 & 162.6	75.40	96.20	20.80						
165.80	189.00	1fu	95	40	green-grey/green,mbx/ps,mod-str fuch,40% rust patches,3% qs	96.20	101.20	5.00	F25048	0.13	0	0		
189.00	208.80	1fu,2	95	40	lt green,motl,mn ps,str fuch,10% rust patches,2% qs,tr vg in qz frac @ 193.3'	101.20	106.20	5.00	F25049	0.04	2	0		
208.80	211.00	2bl,se	100	40	olive green/grey,wk-mod bl,wk se,mn fuch spks,4% qs,3% py	106.20	111.20	5.00	F25050	0.16	1	0		
211.00	212.50	1fu,2	100	40	green,str fuch,40% rust patches incl lower cnt	111.20	113.20	2.00	F25051	0.11	2	0		
						113.20	116.20	3.00	F25052	0.42	8	4		
						116.20	118.20	2.00	F25053	3.43	10	8		
						118.20	120.20	2.00	F25054	5.73	10	7		vg in qs
						120.20	122.20	2.00	F25055	0.73	10	6		
						122.20	125.20	3.00	F25056	0.76	12	8		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU GT	% Qtz	% Py	% Aspy	Remarks
212.50	214.50	2Bl,se	100	40	tan grey, wk-mod se, rust at cnts, mn fuch, spks, 2% qs, 3% py	125.20	128.20	3.00	F25057	1.26	6	8		
214.50	243.00	1fu	100	40	green-grey/green, mod fuch, mn motl patches at top, loc mn rust patches, 4% qs < 2" wide	128.20	131.20	3.00	F25058	0.58	6	8		
243.00	253.00	1cb, fu	95	40	grey/green, tr-wk fuch, mn rust, tr qs, 4.5" qv @ 245'	131.20	134.20	3.00	F25059	0.97	3	3		
253.00	276.00	1cb	95	40	grey, loc tr fuch, 25% rust patches, tr qs	134.20	137.20	3.00	F25060	1.08	5	5		
276.00	293.50	1cb, fu, se	100	40	grey/green, loc tr-mod fuch, tr-wk se, mn rust, 1% qs	137.20	140.20	3.00	F25061	2.64	4	8		
293.50	296.30	7bn, Py	100	30	grey, tr se, mn fuch frags at top, 3% qs, 8% py	140.20	143.20	3.00	F25062	0.39	10	8		
296.30	299.40	1fu, qs	100	30	green, mod fuch, 10% qs	143.20	145.20	2.00	F25063	0.82	15	10		vg in qs
299.40	314.80	2Bl, si	100	30	grey-tan, wk-mod bl/si, loc non si, mn fuch frags in middle, 6% qs, 2% py, tr vg in tiny qs @ 301.3'	145.20	147.80	2.60	F25064	1.31	6	7		
314.80	319.70	2Bl, Py	100	35	grey, wk-mod bl, tr se, mn fuch spks, 1% qs, 5% py	147.80	150.80	3.00	F25065	1.04	5	7		
319.70	324.00	2fu, m	100	35	green, mod fuch, motl/msv	150.80	152.80	2.00	F25066	0.93	7	8		vg in qs
324.00	332.60	2Bl, qs, Py	95	40	grey/tan, mod bl, loc tr-wk se, mn rust, blocky core at end, 10% qs, 8% py	152.80	155.80	3.00	F25067	1.61	13	8		
332.60	349.00	2bl, fu	100	40	grey/green, tr-wk bl, wk fuch, 4% qs	155.80	157.80	2.00	F25068	0.37	22	7		vg in qs
349.00	351.10	2Bl	100	40	grey/tan, wk-mod bl, 3% qs, 1% py	157.80	159.80	2.00	F25069	1.89	10	8		
351.10	355.00	2bl, fu	100	40	grey/green, wk bl, tr-wk fuch, 3% qs	159.80	161.80	2.00	F25070	0.69	10	6		
355.00	361.10	2fu	100	40	grey/green, wk-mod fuch, motl, 3% qobs, 0.4' bl frag at end	161.80	163.80	2.00	F25071	0.62	10	8		vg in qs
361.10	368.00	2Bl	90	40	grey, wk-mod bl, 3% qs, 2% py, loc tr cpy, tr vg in tiny qs @ 366.2'	163.80	165.80	2.00	F25072	0.09	7	7		
368.00	373.00	2fu	95	40	green, mod-str fuch, 2 x 0.5' bl frags, 2% qs, tr py, loc tr cpy, tr vg in qs in fuch @ 370.6'	165.80	168.80	3.00	F25073	0.01	2	4		
373.00	380.60	2Bl	100	40	grey/brown, mod bl, loc tr se, mn fuch frags in middle, 5% qs, 1% py, loc tr cpy'	168.80	171.80	3.00	F25074	0.09	4	3		
380.60	459.00	1fu	100	40	green, mod-str fuch, mn 2fu at top, 2% qv/qs < 4" wide	171.80	176.80	5.00	F25075	0.02	6	0		
459.00	462.30	2Bl	100	45	grey, mn se, 6% qs, 4% py, loc tr cpy	176.80	181.80	5.00	F25076	0.32	3	0		
462.30	470.90	1cb, fu	100	40	grey-grey/green, loc tr-mod fuch, mn bl mafic patches, 2% qs	181.80	185.80	4.00	F25077	0.01	3	0		
470.90	473.70	2bl, fu	100	50	grey-grey/green, loc tr-wk fuch, mn se, loc wk-mod lx, 3% qs, 1% py	185.80	189.80	4.00	F25078	0.09	2	0		
473.70	497.60	1cb, fu	100	40	grey-grey/green, loc tr-mod fuch, mn rust patches, 1-2% qs	189.80	192.80	3.00	F25079	0.20	3	0		
497.60	502.00	7bn, se, Py	100	70	olive green/brown, wk-mod se, 4% flat qs, 8% py	192.80	194.80	2.00	F25080	0.06	4	0		vg in frac
502.00	532.00	1cb, fu	95	40	grey-grey/green, loc tr-mod fuch, mn rust patches, tr-1% qs	194.80	197.80	3.00	F25081	0.12	3	0		
532.00	540.80	1cb, se	100	40	grey/brown, wk se, tr fuch at top, mn ch at end	197.80	201.80	4.00	F25082	0.12	2	0		
						201.80	205.80	4.00	F25083	0.41	0	0		
						205.80	208.80	3.00	F25084	0.23	0	0		
						208.80	211.00	2.20	F25085	1.44	4	3		
						211.00	212.50	1.50	F25086	2.95		0		
						212.50	214.50	2.00	F25087	2.95	2	3		
						214.50	217.50	3.00	F25088	0.75	10	2		

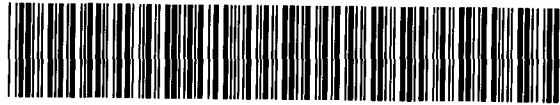
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
540.80	546.00	2,p,cb,cb	90	40	grey/green,wk cb,wk-mod ch,mn bl,tr qs	217.50	221.50	4.00	F25089	0.46	6	0		
546.00	564.50	1cb,tc	100	40	grey-grey/green,mn ch,wk se	221.50	226.50	5.00	F25090	0.02	2	0		
564.50	569.70	2,p,cb,cb	100	65	grey/green,wk cb,loc wk bl,tr qs	226.50	231.50	5.00	F25091	0.59	7	0		
569.70	733.20	1,cb,ca	100	40	grey/green-green,wk-mod ch,tr-wk ca,mn cb at margins,motl/msv,tr qcs	231.50	236.50	5.00	F25092	0.06	1	0		
733.20	753.00	2,p,cb,cb	100	45	grey/green,wk cb,wk-mod ch,loc mn bl,wkly pil-msv,mn vars,tr-1% qs	236.50	241.50	5.00	F25093	0.22	1	0		
753.00	761.00	2bl,se	100	45	grey/green,wk-mod bl/se,mn fuch spks,tr ch,3% qs,2% py,loc tr cpy	241.50	246.50	5.00	F25094	0.34	13	0		4.5" qv
761.00	775.00	2Bl,Py	100	45	grey/mod bl,tr-wk se,6% qs,5% py,loc tr cpy,tr vg in qs's @ 769.8 & 774'	246.50	251.50	5.00	F25095	0.08		0		
775.00	784.50	2bl,se	95	45	grey/mod bl,tr-wk se,6% qs,5% py,loc tr cpy,tr vg in qs's @ 769.8 & 774'	251.50	256.50	5.00	F25096	0.02		0		
784.50	793.20	2fu,bl	100	45	grey/mod bl,tr-wk se,6% qs,5% py,loc tr cpy,tr vg in qs's @ 769.8 & 774'	256.50	261.50	5.00	F25097	0.26	2	0		
793.20	798.00	1cb	100	40	grey/green-olive green/grey,loc wk se,mn ch/fuch,1% qs,tr-1% py	261.50	266.50	5.00	F25098	0.01	1	0		
798.00	822.20	1cb,tc	100	40	grey/green-olive green/grey,loc wk se,mn ch/fuch,1% qs,tr-1% py	266.50	271.50	5.00	F25099	0.03		0		
822.20	834.50	1fu,qs	100	40	grey/green,tr-mod fuch,loc wk bl,mn ch,wk rust at lower cnt,5% qs	271.50	276.50	5.00	F25100	0.02	1	0		
834.50	841.10	7bn,2,qs,py	100	60	grey/green,tr-mod fuch,loc wk bl,mn ch,wk rust at lower cnt,5% qs	276.50	281.50	5.00	F25101	0.10	1	0		
841.10	869.80	1fu,qs	100	45	grey-grey/green,tr-wk fuch in top 1'	281.50	286.50	5.00	F25102	0.02	1	0		
869.80	872.00	8fp,se,sl,qs	100	50	grey,3' 1cb w/ tr fuch at end	286.50	291.50	5.00	F25103	0.02	1	0		
872.00	907.00	1fu	100	45	green,mod-str fuch,10% qs < 1.5" wide at 0 & 35 deg tea	291.50	293.50	2.00	F25104	0.01	0	0		
907.00	920.20	1cb,fb	100	45	lt grey,poss Bl mafics,tr se,30% predom flat qs,8% py,loc tr cpy	293.50	296.30	2.80	F25105	1.71	3	8		
920.20	924.50	2,m,bl,cb	100	50	lt grey,poss Bl mafics,tr se,30% predom flat qs,8% py,loc tr cpy	296.30	299.40	3.10	F25106	0.47	10	0		
924.50	925.70	1cb,tc	90	50	green,mod-str fuch,8-10% qs	299.40	301.40	2.00	F25107	0.87	15	4		vg in qs
925.70	940.80	2,m,cb,cb	100	40	olive green/brown,wk se/si,15% qs,3% py	301.40	303.40	2.00	F25108	0.37	3	1		
940.80	971.20	1tc,cb,cb	100	35	green-grey/green,mod-str fuch,mn wk fuch patches,4% qs	303.40	306.40	3.00	F25109	1.30	12	1		
971.20	1018.70	2,m,cb,ca	100	45	grey-grey/green,loc tr-wk fuch,wk ch/mn tc at end	306.40	309.40	3.00	F25110	16.90	4	7		
1018.70	1023.80	1tc	80	45	grey,wk bl/cb,mn ch at end,tr qs	309.40	312.40	3.00	F25111	0.44	2	0		
1023.80	1029.50	FZ	0		dk grey,mn ch,tr qs	312.40	314.80	2.40	F25112	3.29	2	2		
1029.50	1039.10	1tc	95	45	dk grey/green,wk cb,tr-1% qs	314.80	317.30	2.50	F25113	1.47	0	3		
1039.10	1039.70	FZ	0	75	dk grey/green,tr-wk cb,wk ch,tr qs	317.30	319.70	2.40	F25114	4.53	2	7		
1039.70	1178.00	1tc	95	50	dk green-grey/green,wk-mod perv ca,3% qcs	319.70	324.00	4.30	F25115	0.18	0	0		
					grey,mn ch at top	324.00	326.30	2.30	F25116	4.73	10	7		
					blocky,25% gouge	326.30	328.30	2.00	F25117	3.60	17	12		
					grey,talc-rich	328.30	330.30	2.00	F25118	8.61	8	10		
					blocky,15% gouge	330.30	332.60	2.30	F25119	5.06	5	5		
					grey,loc tr ch,tr qs,sm flts @ 1091.3 & 1098.7',EOH.	332.60	335.60	3.00	F25120	2.57	12	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
335.60	339.60					335.60	339.60	4.00	F25121	0.23	3	0		
339.60	343.60					339.60	343.60	4.00	F25122	0.13	3	0		
343.60	347.00					343.60	347.00	3.40	F25123	0.20	3	0		
347.00	349.00					347.00	349.00	2.00	F25124	0.04	2	0		
349.00	351.10					349.00	351.10	2.10	F25125	0.21	3	1		
351.10	355.00					351.10	355.00	3.90	F25126	0.07	3	0		
355.00	359.10					355.00	359.10	4.10	F25127	0.10	0	0		
359.10	361.10					359.10	361.10	2.00	F25128	0.26	7	1		
361.10	364.00					361.10	364.00	2.90	F25129	0.26	5	1		
364.00	366.00					364.00	366.00	2.00	F25130	0.10	0	1		
366.00	368.00					366.00	368.00	2.00	F25131	5.21	4	1		vg in qs
368.00	370.00					368.00	370.00	2.00	F25132	1.18	3	1		
370.00	373.00					370.00	373.00	3.00	F25133	0.56	6	0		vg, flat qs
373.00	375.50					373.00	375.50	2.50	F25134	0.27	4	1		
375.50	378.00					375.50	378.00	2.50	F25135	2.51	8	3		
378.00	380.60					378.00	380.60	2.60	F25136	0.16	3	0		
380.60	383.60					380.60	383.60	3.00	F25137	0.20	3	0		
383.60	388.60					383.60	388.60	5.00	F25138	0.13	1	0		
388.60	393.60					388.60	393.60	5.00	F25139	0.10	6	0		
393.60	398.60					393.60	398.60	5.00	F25140	0.03		0		
398.60	403.60					398.60	403.60	5.00	F25141	0.26	0	0		
403.60	408.60					403.60	408.60	5.00	F25142	0.02		0		
408.60	413.60					408.60	413.60	5.00	F25143	0.27	1	0		
413.60	418.60					413.60	418.60	5.00	F25144	0.01		0		
418.60	423.60					418.60	423.60	5.00	F25145	0.68	7	0		4" qv
423.60	428.60					423.60	428.60	5.00	F25146	0.22	7	0		
428.60	433.60					428.60	433.60	5.00	F25147	0.06	4	0		
433.60	438.60					433.60	438.60	5.00	F25148	0.05	4	0		
438.60	443.60					438.60	443.60	5.00	F25149	0.05	0	0		
443.60	448.60					443.60	448.60	5.00	F25150	0.12		0		
448.60	453.60					448.60	453.60	5.00	F25151	0.01	0	0		
453.60	457.00					453.60	457.00	3.40	F25152	0.03	3	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						457.00	459.00	2.00	F25153	0.03	0	0		
						459.00	462.30	3.30	F25154	3.72	6	4		
						462.30	464.30	2.00	F25155	0.06	0	0		
						464.30	468.90	4.60	F25156	0.07	1	0		
						468.90	470.90	2.00	F25157	0.66	6	0		
						470.90	473.70	2.80	F25158	0.11	3	1		
						473.70	475.70	2.00	F25159	0.02	2	0		
						475.70	480.70	5.00	F25160	0.01	1	0		
						480.70	485.70	5.00	F25161	0.11	2	0		
						485.70	490.70	5.00	F25162	0.04	2	0		
						490.70	495.60	4.90	F25163	0.09	1	0		
						495.60	497.60	2.00	F25164	0.01		0		
						497.60	499.80	2.20	F25165	0.50	3	8		
						499.80	502.00	2.20	F25166	1.47	5	8		
						502.00	504.00	2.00	F25167	0.09	2	0		
						504.00	509.00	5.00	F25168	0.02	1	0		
						509.00	514.00	5.00	F25169	0.01	0	0		
						514.00	519.00	5.00	F25170	0.01	0	0		
						519.00	524.00	5.00	F25171	0.16	1	0		
						524.00	529.00	5.00	F25172	0.03	0	0		
						529.00	534.00	5.00	F25173	0.05	1	0		
						534.00	539.00	5.00	F25174	0.01		0		
						539.00	723.20	184.20						
						723.20	728.20	5.00	F25175	0.01	1	0		
						728.20	733.20	5.00	F25176	0.02	0	0		
						733.20	738.20	5.00	F25177	0.02		0		
						738.20	743.20	5.00	F25178	0.01	1	0		
						743.20	747.00	3.80	F25179	0.01	2	0		
						747.00	750.00	3.00	F25180	0.01	2	0		
						750.00	753.00	3.00	F25181	0.02		0		
						753.00	756.00	3.00	F25182	0.01	1	0		
						756.00	759.00	3.00	F25183	0.82	3	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Clz	% Py	% Aspy	Remarks
759.00	761.00					759.00	761.00	2.00	F25184	0.62	5	4		
761.00	763.00					761.00	763.00	2.00	F25185	2.40	5	5		
763.00	765.00					763.00	765.00	2.00	F25186	0.45		1		
765.00	767.00					765.00	767.00	2.00	F25187	1.03	3	3		
767.00	769.00					767.00	769.00	2.00	F25188	18.62	15	13		
769.00	771.00					769.00	771.00	2.00	F25189	7.68	6	5		vg in qs
771.00	773.00					771.00	773.00	2.00	F25190	0.24	3	0		
773.00	775.00					773.00	775.00	2.00	F25191	6.45	6	5		vg in qs
775.00	777.00					775.00	777.00	2.00	F25192	0.02	2	0		
777.00	780.00					777.00	780.00	3.00	F25193	0.37	0	1		
780.00	782.80					780.00	782.80	2.80	F25194	0.24		0		
782.80	785.80					782.80	785.80	3.00	F25195	0.41	2	2		
785.80	789.80					785.80	789.80	4.00	F25196	0.25	4	0		
789.80	793.20					789.80	793.20	3.40	F25197	0.07	6	0		
793.20	798.20					793.20	798.20	5.00	F25198	0.01	0	0		
798.20	803.20					798.20	803.20	5.00	F25199	0.01		0		
803.20	808.20					803.20	808.20	5.00	F25200	0.02		0		
808.20	813.20					808.20	813.20	5.00	F25201	0.01		0		
813.20	818.20					813.20	818.20	5.00	F25202	0.01	0	0		
818.20	822.20					818.20	822.20	4.00	F25203	0.01	4	0		
822.20	826.20					822.20	826.20	4.00	F25204	0.21	6	0		
826.20	830.00					826.20	830.00	3.80	F25205	0.11	17	0		
830.00	832.50					830.00	832.50	2.50	F25206	0.24	12	0		
832.50	834.50					832.50	834.50	2.00	F25207	0.03	6	0		
834.50	836.50					834.50	836.50	2.00	F25208	2.85	10	12		
836.50	838.50					836.50	838.50	2.00	F25209	1.30	18	8		
838.50	841.10					838.50	841.10	2.60	F25210	1.44	50	4		flat qs's
841.10	843.10					841.10	843.10	2.00	F25211	0.02	8	0		
843.10	847.80					843.10	847.80	4.70	F25212	0.01	5	0		
847.80	852.80					847.80	852.80	5.00	F25213	0.23	10	0		
852.80	857.80					852.80	857.80	5.00	F25214	0.03	5	0		
857.80	862.80					857.80	862.80	5.00	F25215	0.01	1	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						862.80	866.80	4.00	F25216	0.04	3	0		
						866.80	869.80	3.00	F25217	0.35	25	0		
						869.80	872.00	2.20	F25218	0.41	15	3		
						872.00	875.00	3.00	F25219	0.15	4	0		
						875.00	880.00	5.00	F25220	0.03	1	0		
						880.00	885.00	5.00	F25221	0.37	6	1		
						885.00	890.00	5.00	F25222	0.06	2	0		
						890.00	895.00	5.00	F25223	0.02	1	0		
						895.00	900.00	5.00	F25224	0.04	7	0		
						900.00	905.00	5.00	F25225	0.01	7	0		
						905.00	910.00	5.00	F25226	0.03	7	0		
						910.00	915.00	5.00	F25227	0.01		0		
						915.00	920.20	5.20	F25228	0.01	0	0		
						920.20	924.50	4.30	F25229	0.98	1	0		
						924.50	1178.00	253.50						EOH.



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MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
11P02-37	13486	5458	10895	784.2	3/12/02	FZ Shot	BQ	S. Harding	S	Hopson	L2+50W, 1485N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-90	13486.00	5458.00	10895.00						
260.00	122	-89	13487.92	5456.80	10635.02						
400.00	132	-89	13489.87	5455.33	10495.04						
580.00	128	-89	13492.27	5453.31	10315.07						
780.00	128	-88	13496.40	5450.09	10115.14						

Mining Claim: P546620

Start Date	End Date
3/9/02	3/11/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: S. Harding

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	43.30	OB				0.00	43.30	43.30						OB
43.30	58.40	1fu	95	40	grey/green-green,mod fuch,15% rust patches,rust/broken core at lower cnt,4% qs	43.30	48.30	5.00	F25319	0.01	0	0		
58.40	63.20	7bn,qv,Py	80	60	grey,40% rust at margins,boken core at top cnt,4% qs,8% py,0.4' qv @ 62.5'	48.30	53.30	5.00	F25320	0.04	6	0		
63.20	65.50	FZ,LC	0		blocky,mn gouge,rusty,approx 75% lost core	53.30	56.40	3.10	F25321	0.01	3	0		
65.50	134.70	1fu	95	40	green-grey/green,mod-str fuch,10% 1cb,fu,10% rust patches,mod in lower 2',2% qs < 2" wide	56.40	58.40	2.00	F25322	0.37	8	0		
134.70	137.20	7bn,si,qv	90	45	grey,mn se,20% wk rust,10% qs,1% py,tr cpy,4.5" qv @ 136.1',tr vg in 1" qs @ 136.5'	58.40	61.00	2.60	F25323	14.54	7	10		qv,FZ
137.20	138.30	1fu	100	60	green,mod-str fuch,rust at lower cnt,3% qs,1% py	61.00	63.70	2.70	F25324	7.13	17	5		LC,FZ
138.30	152.30	7bn,si,qs	95	45	lt grey,wk si,wk rust at top cnt,15% qs/qv,3% py,loc tr cpy,1 flake vg in 0.5" qs @ 145'	63.70	65.50	1.80	F25325	0.30	12	1		flat qs
152.30	180.30	1fu,qs,py	90	40	green-grey/green,mod-str fuch,mn bl frags,25% rust patches,7% qs,1% py/tr cpy,tr vg in qs @ 174.5	65.50	67.50	2.00	F25326	0.10	8	0		
180.30	198.80	7bn,qs,Py,vg	95	50	olive green/grey,loc tr-wk se/si,rust/gouge @ top cnt,15% qs,6% py,tr cpy,tr vg in 8 qs's thru unit	67.50	70.50	3.00	F25327	0.14	2	0		
198.80	295.00	1fu,qs	95	35	green,str fuch,10% rust patches,6% qv/qs up to 5" wide	70.50	75.50	5.00	F25328	0.06	3	0		
295.00	396.00	1cb,fu	100	30	grey/green-grey,loc tr-mod fuch,mn se in lower 30',mn rust patches,tr-1% qs	75.50	80.50	5.00	F25329	1.94	0	0		
396.00	426.00	1fu,se	95	30	grey/green,wk-mod fuch,loc tr-wk se,15% rust patches,2% qs	80.50	85.50	5.00	F25330	0.10	0	0		
426.00	430.00	FZ	30		rusty,blocky,15% broken core/gouge	85.50	90.50	5.00	F25331	0.28	0	0		
						90.50	95.50	5.00	F25332	4.11	4	0		
						95.50	100.50	5.00	F25333	0.26	3	0		
						100.50	105.50	5.00	F25334	0.04	0	0		
						105.50	110.50	5.00	F25335	0.10	0	0		
						110.50	115.50	5.00	F25336	0.03	2	0		
						115.50	120.50	5.00	F25337	0.43	0	0		
						120.50	125.50	5.00	F25337	0.43	0	0		

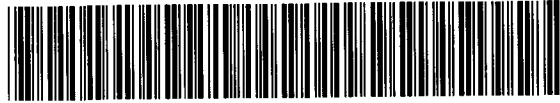
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
430.00	476.00	l fu	100	30	green-grey/green,mod-str fuch,loc wk fuch patches.2-3% qs < 3" wide loc w/ tm	125.50	130.50	5.00	F25338	0.18		0		
						130.50	132.70	2.20	F25339	0.01	0	0		
476.00	542.00	lcb,l fu	95	30	grey/green-green,tr-wk fuch w/ 30% mod fuch patches,loc wk se,mn rust 3% qv/qs < 5" wide loc w/ tm	132.70	134.70	2.00	F25340	0.07		0		
542.00	565.50	lcb,fu	100	30	grey-gre/green,loc tr-wk fuch/se,tr qs,0.5' 8fp @ 562'	134.70	137.20	2.50	F25341	3.69	25	1		vg in qs
565.50	584.70	lcb,tc	100	35	grey,mn ch,loc tr-wk tc	137.20	138.30	1.10	F25342	0.35	3	1		
584.70	596.80	2,m,cb,ch	100	50	grey/green,wk ch/cb,mn hem in top 4',tr qs	138.30	140.30	2.00	F25343	0.79	5	0		
596.80	622.60	lcb	100	35	grey,mn tc at top,loc tr-wk se,tr qs	140.30	142.30	2.00	F25344	0.23	40	4		qs's
622.60	630.00	2,bl,cb	100	60	grey-gre/green,wk bl,tr-wk ch,wk cb,mn ch fracs.2% qs	142.30	144.30	2.00	F25345	1.61	15	4		qv/qs
630.00	637.00	l fu	100	45	grey-green-green,mod fuch,mn se,tr qs	144.30	146.30	2.00	F25346	4.09	20	7		vg in qs
637.00	646.40	8fp,si,qs,Py	100	40	grey/brown,wk si,mod bl,loc tr-wk se,mn ch fracs,15% qs/qv,5% py,4.5" qv @ 639.6'	146.30	148.30	2.00	F25347	0.62	12	3		
						148.30	150.30	2.00	F25348	0.30	4	4		
646.40	649.00	l fu	100	40	green,mod-str fuch,1% qs	150.30	152.30	2.00	F25349	1.42	6	0		
649.00	669.70	lcb,fu	100	40	grey-gre/green,loc tr-mod fuch,mn se,3% qs	152.30	154.30	2.00	F25350	4.90	20	3		qs's
669.70	670.70	8fp,se	100	40	grey/brown,wk-mod se,wk cb,1% qs,2% py,tr cpy	154.30	156.30	2.00	F25351	0.48	6	0		
670.70	678.80	lcb,fu	90	40	grey/green,tr-wk fuch,tr qs,2.5" 8fp frag @ 675.2'	156.30	160.30	4.00	F25352	0.82	6	1		
678.80	680.30	8fp	100	25	grey,wk cb	160.30	164.30	4.00	F25353	1.24	6	0		
680.30	704.00	lcb,fu	95	40	grey-gre/green,loc tr-mod fuch,4% qs,0.7' mafic dyke @ 682.2'	164.30	168.30	4.00	F25354	0.35	3	1		
						168.30	171.30	3.00	F25355	2.54	3	1		
704.00	717.20	l fu,qs	100	45	green,mod-str fuch,6% qs,0.5' & 0.8' mafic dykes w/ se from 710.5-713'	171.30	173.30	2.00	F25356	6.79	10	1		
						173.30	175.30	2.00	F25357	9.06	6	1		vg in qs
717.20	722.20	7,Se,fu,qs	100	30	8fp?,green/tan,wk-mod se,wk fuch spks,17% qs,tr py	175.30	178.30	3.00	F25358	0.25	0	0		
722.20	762.60	8fp,se,Py	100	70	lt pink/grey-olive green at margins,mod-str se at margins,tr-wk se in rest,wk-mod fracs,5% qs,6% py	178.30	180.30	2.00	F25359	1.17	4	3		
						180.30	182.30	2.00	F25360	3.19	13	4		vg in qs
762.60	767.00	FZ,ltc	25	60	1.4' blocky core w/ gouge at top,0.7' blocky core w/ gouge at end	182.30	184.30	2.00	F25361	1.79	33	6		2 x vg/qs
						184.30	186.60	2.30	F25362	6.82	30	8		vg in qs
767.00	784.20	ltc	100	70	grey,mn ch at top,talc rich,E:OH.	186.60	188.60	2.00	F25363	8.44	12	10		2 x vg/qs
						188.60	190.60	2.00	F25364	6.65	15	8		
						190.60	192.60	2.00	F25365	0.55	7	4		
						192.60	194.60	2.00	F25366	3.19	7	4		vg in qs
						194.60	196.80	2.20	F25367	0.75	12	4		
						196.80	198.80	2.00	F25368	7.99	25	5		vg in qs
						198.80	200.80	2.00	F25369	0.21		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
						200.80	203.80	3.00	F25370	0.08	2	0		
						203.80	208.80	5.00	F25371	0.04	6	0		
						208.80	213.80	5.00	F25372	0.38	5	0		
						213.80	218.80	5.00	F25373	0.17	4	0		
						218.80	223.80	5.00	F25374	0.25	4	0		
						223.80	228.80	5.00	F25375	0.16	7	0		
						228.80	233.80	5.00	F25376	0.07	2	0		
						233.80	237.80	4.00	F25377	0.46	20	0		5" qv
						237.80	241.80	4.00	F25378	0.28	13	0		
						241.80	245.80	4.00	F25379	0.04	6	0		
						245.80	249.80	4.00	F25380	0.06	0	0		
						249.80	253.80	4.00	F25381	0.46	13	0		5" qv
						253.80	258.80	5.00	F25382	0.25	1	0		
						258.80	263.80	5.00	F25383	0.31	0	0		
						263.80	268.80	5.00	F25384	0.17	6	0		
						268.80	273.80	5.00	F25385	0.13	1	0		
						273.80	278.80	5.00	F25386	0.09	3	0		
						278.80	283.80	5.00	F25387	0.76	4	0		
						283.80	288.80	5.00	F25388	0.07	2	0		
						288.80	293.80	5.00	F25389	2.18	6	1		
						293.80	298.80	5.00	F25390	0.01	7	0		
						298.80	303.80	5.00	F25391	0.05	1	0		
						303.80	308.80	5.00	F25392	0.27	0	0		
						308.80	313.80	5.00	F25393	0.01	0	0		
						313.80	318.80	5.00	F25394	0.03	1	0		
						318.80	323.80	5.00	F25395	0.27	2	0		
						323.80	328.80	5.00	F25396	0.03		0		
						328.80	333.80	5.00	F25397	0.06	1	0		
						333.80	338.80	5.00	F25398	0.07	5	0		
						338.80	343.80	5.00	F25399	0.01	1	0		
						343.80	348.80	5.00	F25400	0.08	0	0		
						348.80	353.80	5.00	F25401	0.06		0		

FROM	TO	ROCK TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
353.80	358.80					353.80	358.80	5.00	F25402	0.01	2	0		
358.80	363.80					358.80	363.80	5.00	F25403	0.10	1	0		
363.80	368.80					363.80	368.80	5.00	F25404	0.08		0		
368.80	373.80					368.80	373.80	5.00	F25405	0.05	1	0		
373.80	378.80					373.80	378.80	5.00	F25406	0.03		0		
378.80	383.80					378.80	383.80	5.00	F25407	0.07	0	0		
383.80	388.80					383.80	388.80	5.00	F25408	0.03	1	0		
388.80	393.80					388.80	393.80	5.00	F25409	0.02	1	0		
393.80	398.80					393.80	398.80	5.00	F25410	0.06	1	0		
398.80	403.80					398.80	403.80	5.00	F25411	0.01	0	0		
403.80	408.80					403.80	408.80	5.00	F25412	0.02	2	0		
408.80	413.80					408.80	413.80	5.00	F25413	0.01	0	0		
413.80	418.80					413.80	418.80	5.00	F25414	0.63	7	0		
418.80	423.80					418.80	423.80	5.00	F25415	0.01	5	0		
423.80	428.80					423.80	428.80	5.00	F25416	0.91	1	0		FZ
428.80	433.80					428.80	433.80	5.00	F25417	0.04	0	0		
433.80	438.80					433.80	438.80	5.00	F25418	0.06	5	0		3" qs,tm
438.80	443.80					438.80	443.80	5.00	F25419	0.06	4	0		
443.80	448.80					443.80	448.80	5.00	F25420	0.08	4	0		
448.80	453.80					448.80	453.80	5.00	F25421	0.11	2	0		
453.80	458.80					453.80	458.80	5.00	F25422	0.29		0		
458.80	463.80					458.80	463.80	5.00	F25423	0.07	2	0		
463.80	468.80					463.80	468.80	5.00	F25424	0.12	0	0		
468.80	473.80					468.80	473.80	5.00	F25425	0.03	1	0		
473.80	478.80					473.80	478.80	5.00	F25426	0.09	6	0		3" qs,tm
478.80	483.80					478.80	483.80	5.00	F25427	0.05	3	0		
483.80	488.80					483.80	488.80	5.00	F25428	0.04	5	0		3" qs
488.80	493.80					488.80	493.80	5.00	F25429	0.03	2	0		
493.80	498.80					493.80	498.80	5.00	F25430	0.02	0	0		
498.80	503.80					498.80	503.80	5.00	F25431	0.01	10	0		5" qv,tm
503.80	508.80					503.80	508.80	5.00	F25432	0.06	8	0		5" qv,tm
508.80	513.80					508.80	513.80	5.00	F25433	0.02		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
513.80	518.80					513.80	518.80	5.00	F25434	0.03	1	0		
518.80	523.80					518.80	523.80	5.00	F25435	0.01		0		
523.80	528.80					523.80	528.80	5.00	F25436	0.19	5	0		
528.80	533.80					528.80	533.80	5.00	F25437	0.01	1	0		
533.80	538.80					533.80	538.80	5.00	F25438	0.01	1	0		
538.80	543.80					538.80	543.80	5.00	F25439	0.01	0	0		
543.80	548.80					543.80	548.80	5.00	F25440	0.01		0		
548.80	553.80					548.80	553.80	5.00	F25441	0.01	2	0		
553.80	558.80					553.80	558.80	5.00	F25442	0.04	0	0		
558.80	563.80					558.80	563.80	5.00	F25443	0.01		0		0.5' 8fp
563.80	568.80					563.80	568.80	5.00	F25444	0.20		0		
568.80	612.60					568.80	612.60	43.80						
612.60	617.60					612.60	617.60	5.00	F25445	0.08		0		
617.60	622.60					617.60	622.60	5.00	F25446	0.01	0	0		
622.60	626.00					622.60	626.00	3.40	F25447	0.29	2	0		
626.00	630.00					626.00	630.00	4.00	F25448	0.01	2	0		
630.00	634.00					630.00	634.00	4.00	F25449	0.37	0	0		
634.00	637.00					634.00	637.00	3.00	F25450	0.14	0	0		
637.00	640.00					637.00	640.00	3.00	F25451	0.47	25	4		4.5" qv
640.00	643.20					640.00	643.20	3.20	F25452	0.68	7	5		
643.20	646.40					643.20	646.40	3.20	F25453	0.37	12	5		
646.40	649.40					646.40	649.40	3.00	F25454	0.09	2	0		
649.40	654.40					649.40	654.40	5.00	F25455	0.01	5	0		
654.40	659.40					654.40	659.40	5.00	F25456	0.01		0		
659.40	664.40					659.40	664.40	5.00	F25457	0.01	6	0		
664.40	669.40					664.40	669.40	5.00	F25458	0.01		0		
669.40	671.40					669.40	671.40	2.00	F25459	0.75	1	1		1' 8fp
671.40	676.40					671.40	676.40	5.00	F25460	0.05	0	0		
676.40	680.40					676.40	680.40	4.00	F25461	0.01	0	0		1.5' 8fp
680.40	684.40					680.40	684.40	4.00	F25462	0.08	8	0		0.7' dyke
684.40	689.40					684.40	689.40	5.00	F25463	0.01	3	0		
689.40	694.40					689.40	694.40	5.00	F25464	0.01		0		

FROM	TO	ROCK TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
694.40	699.40					694.40	699.40	5.00	F25465	0.02		0		
699.40	704.40					699.40	704.40	5.00	F25466	0.01	8	0		
704.40	708.20					704.40	708.20	3.80	F25467	0.01	5	0		
708.20	711.20					708.20	711.20	3.00	F25468	0.13	5	0		0.5' dyke
711.20	714.20					711.20	714.20	3.00	F25469	0.14	6	0		0.8' dyke
714.20	717.20					714.20	717.20	3.00	F25470	0.42	8	0		
717.20	719.70					717.20	719.70	2.50	F25471	0.01	13	0		
719.70	722.20					719.70	722.20	2.50	F25472	0.01	20	0		
722.20	725.20					722.20	725.20	3.00	F25473	0.02	3	1		
725.20	728.20					725.20	728.20	3.00	F25474	0.53	4	4		
728.20	731.20					728.20	731.20	3.00	F25475	0.30	8	6		
731.20	734.20					731.20	734.20	3.00	F25476	0.79	18	5		
734.20	737.20					734.20	737.20	3.00	F25477	1.16	3	7		
737.20	740.20					737.20	740.20	3.00	F25478	1.11	3	6		
740.20	743.20					740.20	743.20	3.00	F25479	2.34	4	7		
743.20	746.20					743.20	746.20	3.00	F25480	0.69	3	5		
746.20	749.20					746.20	749.20	3.00	F25481	0.21	8	7		
749.20	752.20					749.20	752.20	3.00	F25482	0.16	3	8		
752.20	755.20					752.20	755.20	3.00	F25483	0.11	7	7		
755.20	758.70					755.20	758.70	3.50	F25484	0.12	4	8		
758.70	762.60					758.70	762.60	3.90	F25485	0.24	3	3		
762.60	765.60					762.60	765.60	3.00	F25486	0.01		0		
765.60	770.60					765.60	770.60	5.00	F25487	0.26		0		
770.60	784.20					770.60	784.20	13.60						EOH



42A10SW2029

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MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-38	13486	5458	10895	469	3/13/02	EZ Shot	BQ	S. Harding	S	Topsen	L2+50W.1+85N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-68	13486.00	5458.00	10895.00		3/11/02	3/13/02
95.00	343	-68	13474.71	5491.74	10806.92			
270.00	348	-68	13458.31	5555.14	10644.66			

Mining Claim: P546620

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *M. Harding*

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	47.70	OB				0.00	47.70	47.70						OB
47.70	55.00	1cb, fu	95	60	grey-grey/green, loc tr-wk fuch, 15% rust patches, ps in top 2'. motl in rest	47.70	52.70	5.00	F25569	0.01	0	0		
55.00	69.00	1fu	90	60	green-grey/green, mod-str fuch, 15% rust patches, motl/ps, 2% qs, mn rust/qcbs at lower cnt, sm flt @ 55.7	52.70	57.70	5.00	F25570	0.35	0	0		
69.00	76.00	7bn, qs, PY, vg	80	70	grey, loc tr-wk se, rust at cnts, 4" qv at top cnt, 15% qs, 10% py, loc tr cpy, tr vg in 5 qs's thru zone	57.70	62.70	5.00	F25571	0.28	0	0		
76.00	81.70	2, Bl, sc, Py	85	65	yellow/grey, wk-mod se/bl, tr-wk fuch spks, 20% rust patches incl top cnt, 7% qs, 6% py	62.70	67.00	4.30	F25572	0.07	3	0		
81.70	87.20	1fu	100	60	green, mod-str fuch, 10% rust incl lower cnt, tr qs	67.00	69.00	2.00	F25573	0.81	7	0		
87.20	98.20	8fp, se	95	40	olive green/grey, mn pink/grey, wk-mod se, 10% rust incl cnts, 6% qs, 4% py	69.00	71.50	2.50	F25574	6.17	17	8		vg in qs
98.20	121.00	1fu	95	60	green, str fuch, mod-wk fuch in lower 1.5', 25% rust patches, 1% qs	71.50	73.50	2.00	F25575	8.54	18	10		3 x vg/qs
121.00	126.50	1cb, fu	100	60	grey/green, tr-wk fuch, 15% rust patches, 2.5" qs @ 126.1'	73.50	76.00	2.50	F25576	4.94	12	10		vg in qs
126.50	142.30	1cb, se	95	60	grey/brown, wk se, 25% rust patches incl 2' rust at lower cnt, 1% qs	76.00	78.00	2.00	F25577	8.16	10	8		
142.30	160.40	7bn, rbl	40	70	60% blocky core, 75% rust, grey, frac/mbx in top 10', wk se at cnts, 4% qs, 3% py	78.00	81.70	3.70	F25578	1.56	5	5		
160.40	163.40	1fu	70	60	35% blocky, 65% rust, mod-str fuch, 2% qs	81.70	84.20	2.50	F25579	0.05		0		
163.40	165.00	7bn, Py	80	60	grey, se at cnts, 15% rust, 8% qs, 8% py	84.20	87.20	3.00	F25580	0.12	2	0		
165.00	174.00	1fu	90	45	grey/green, mod fuch, 80% rust, 7% qs	87.20	90.20	3.00	F25581	0.50	5	4		
174.00	195.00	1cb, fu	75	45	grey/green, tr-wk fuch, 40% rust patches, 4% qs, 0.6' 7bn @ 188.8'	90.20	93.20	3.00	F25582	0.24	6	3		
						93.20	96.20	3.00	F25583	0.44	6	4		
						96.20	98.20	2.00	F25584	1.30	7	4		
						98.20	101.20	3.00	F25585	0.26	1	0		
						101.20	106.20	5.00	F25586	0.02	2	0		
						106.20	111.20	5.00	F25587	0.10	0	0		
						111.20	116.20	5.00	F25588	0.13	1	0		
						116.20	121.20	5.00	F25589	0.07	3	0		
						121.20	126.20	5.00	F25590	0.02	5	0		2.5" qs

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
195.00	202.50	7bn.se.qs	90	60	olive green/grey,wk-mod se,mn rust,tr fuch frags at top,10% qs,4% py,loc tr cpy	126.20	131.20	5.00	F25591	0.04	0	0		
						131.20	136.20	5.00	F25592	0.02	0	0		
202.50	213.00	1cb, fu	85	45	grey-grey/green,tr-wk fuch,60% rust patches,4% qs	136.20	140.30	4.10	F25593	0.02	0	0		
213.00	243.00	1cb	95	45	grey,mn fuch,15% rust patches,3% qs loc w/ tm	140.30	142.30	2.00	F25594	0.06	7	0		
243.00	259.50	1cb, fu	100	45	grey/green,tr-wk fuch,loc mn rust patches,1% qs	142.30	145.30	3.00	F25595	0.74	3	2		
259.50	286.70	1fu	90	45	green-grey/green,mod-str fuch,10% wk rust patches,mn 7bn frags at end,3% qs	145.30	148.30	3.00	F25596	2.53	3	2		
						148.30	151.30	3.00	F25597	6.48	6	4		
286.70	293.50	7bn	95	60	grey-olive green/grey,mn se,5% qs,4% py,tr vg in qs @ 287.4'	151.30	154.30	3.00	F25598	0.38	5	4		
						154.30	157.30	3.00	F25599	0.19	7	4		
293.50	331.00	1fu	95	45	green-grey/green,mod-str fuch,mn wk fuch patches,12% rust patches,3% qs	157.30	160.40	3.10	F25600	0.27	3	3		
331.00	358.00	1cb, fu	100	35	grey/green,loc tr-mod fuch,20% rust patches,1-2% qs	160.40	163.40	3.00	F25601	0.28	2	0		
358.00	364.00	1fu	90	40	grey/green-green,mod fuch,15% rust patches,2% qs	163.40	165.00	1.60	F25602	1.01	8	8		
364.00	372.80	8fp,se	100	50	olive green/grey,wk se,8% qs,3% py	165.00	167.00	2.00	F25603	1.12	15	0		
372.80	378.80	1fu,qs	95	50	green,str fuch,mn rust,12% qs	167.00	172.00	5.00	F25604	0.21	7	0		
378.80	391.00	8fp,Sc,qs	100	50	olive green-olive green/grey,wk-mod se,12% qs,3% py	172.00	177.00	5.00	F25605	0.04	3	0		
391.00	407.50	1fu	100	50	green,str fuch,motl-mn ps,mn rust,4% qs	177.00	182.00	5.00	F25606	0.17	4	0		
407.50	423.00	1cb, ch	100	50	grey/green,wk ch,tr fuch,motl	182.00	187.00	5.00	F25607	0.21	4	1		
423.00	440.00	1cb,tc	100	50	grey-grey/green,tr-wk ch	187.00	190.00	3.00	F25608	0.03	3	1		0.6' 7bn
440.00	469.00	1tc, ch	100	50	dk grey/green,wk-mod ch,mn cb at top.EOH.	190.00	193.00	3.00	F25609	0.01	0	0		
						193.00	195.00	2.00	F25610	0.04	8	0		
						195.00	197.50	2.50	F25611	0.23	15	3		
						197.50	200.00	2.50	F25612	3.81	7	6		
						200.00	202.50	2.50	F25613	0.23	10	3		
						202.50	204.50	2.00	F25614	0.25	7	0		
						204.50	209.50	5.00	F25615	0.04	5	0		
						209.50	214.50	5.00	F25616	0.12	3	0		
						214.50	219.50	5.00	F25617	0.01	3	0		
						219.50	224.50	5.00	F25618	0.02	0	0		
						224.50	229.50	5.00	F25619	0.06	0	0		
						229.50	234.50	5.00	F25620	0.31	10	0		qs's,tmn
						234.50	239.50	5.00	F25621	0.02	0	0		
						239.50	244.50	5.00	F25622	0.03	5	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						244.50	249.50	5.00	F25623	0.01	1	0		
						249.50	254.50	5.00	F25624	0.03	1	0		
						254.50	259.50	5.00	F25625	0.10	1	0		
						259.50	264.50	5.00	F25626	0.52	2	0		
						264.50	269.50	5.00	F25627	0.04	6	0		
						269.50	274.50	5.00	F25628	0.01	1	0		
						274.50	279.50	5.00	F25629	0.09	6	0		
						279.50	284.50	5.00	F25630	0.01	1	0		
						284.50	286.70	2.20	F25631	0.17	1	0		
						286.70	288.70	2.00	F25632	1.60	7	4		vg in qs
						288.70	291.00	2.30	F25633	0.04	1	1		
						291.00	293.50	2.50	F25634	1.87	7	5		
						293.50	296.00	2.50	F25635	0.25	6	0		
						296.00	301.00	5.00	F25636	0.05	3	0		
						301.00	306.00	5.00	F25637	0.01	1	0		
						306.00	311.00	5.00	F25638	0.02	1	0		
						311.00	316.00	5.00	F25639	0.24	3	0		
						316.00	321.00	5.00	F25640	1.21	5	0		
						321.00	326.00	5.00	F25641	0.85	1	0		
						326.00	331.00	5.00	F25642	0.17	4	0		
						331.00	336.00	5.00	F25643	0.07	0	0		
						336.00	341.00	5.00	F25644	0.04	2	0		
						341.00	346.00	5.00	F25645	0.07	1	0		
						346.00	351.00	5.00	F25646	0.14	3	0		
						351.00	356.00	5.00	F25647	0.06	1	0		
						356.00	361.00	5.00	F25648	0.07	0	0		
						361.00	364.00	3.00	F25649	0.07	6	0		
						364.00	367.00	3.00	F25650	0.63	10	3		
						367.00	370.00	3.00	F25651	0.66	8	3		
						370.00	372.80	2.80	F25652	0.82	8	4		
						372.80	375.80	3.00	F25653	0.15	13	0		
						375.80	378.80	3.00	F25654	0.14	10	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						378.80	381.80	3.00	F25655	0.28	18	4		
						381.80	384.80	3.00	F25656	0.54	12	2		
						384.80	387.80	3.00	F25657	0.80	8	4		
						387.80	391.00	3.20	F25658	0.75	12	3		
						391.00	394.00	3.00	F25659	0.34	12	0		
						394.00	397.50	3.50	F25660	0.03	5	0		
						397.50	402.50	5.00	F25661	0.05		0		
						402.50	407.50	5.00	F25662	0.02	0	0		
						407.50	412.50	5.00	F25663	0.27		0		
						412.50	417.50	5.00	F25664	0.02		0		
						417.50	469.00	51.50						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-38	286.7	293.5	1.17					Main			



42A10SW2029

2.24187

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-39	13486	5458	10895	381	3/15/02	FZ Shot	BQ	S. Harding	S	Hopson	L2+S0W, 1+85N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-19	13486.00	5458.00	10895.00						
130.00	343	-49	13458.95	5538.85	10796.89						
380.00	347	-51	13417.27	5693.93	10605.41						

Mining Claim: P546620

Start Date	End Date
3/13/02	3/14/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

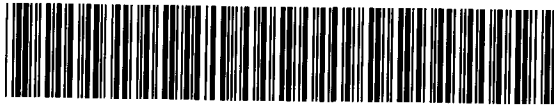
Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Fee		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks	
FROM	TO					FROM	TO								
0.00	66.70	OB				0.00	66.70	66.70							OB
66.70	67.70	1fu	100	60	green,mod-str fuch,rust at top and lower cnt	66.70	67.70	1.00	F25665	0.18	2	0			
67.70	73.20	7bn,se,Py	90	60	olive green/grey,tr-wk se,20% wk rust patches,mn rust at top cnt,2% qs,5% py,tr vg in qs 2 @ 69.4'	67.70	70.20	2.50	F25666	2.01	3	5			vg in qs
73.20	79.60	1fu	80	60	mn green at top,rest brown/rusty,1% qs	73.20	75.20	2.00	F25668	0.13	0	0			
79.60	80.50	FZ	0		blocky,mn gouge,rusty	75.20	79.20	4.00	F25669	0.28	1	0			
80.50	85.30	1fu	70	60	mn grey/green at end,rest brown/rusty,2% qs	79.20	83.30	4.10	F25670	0.19	0	0			
85.30	90.60	7bn,se,qs	80	60	olive green/grey,tr-wk se,1.5' wk rust at top,mn rust at lower cnt,8% qs,4% py	83.30	85.30	2.00	F25671	0.04	5	0			
90.60	93.30	1fu,qv,Py	100	60	lt green,mod fuch,2% qs,7% py,3" qv w/ tm @ 93'	85.30	88.00	2.70	F25672	0.04	8	4			
93.30	94.60	2,Bl,Py	100	60	tan/grey,mod bl,tr-wk se,mn fuch spks,8% qs,8% py,tr cpy	88.00	90.60	2.60	F25673	0.03	8	4			
94.60	97.70	1fu	95	60	grey/green,mod fuch,25% rust,mn rust at lower cnt,0.5' Bl mafics @ 95.7,3% qs,1% py	90.60	93.30	2.70	F25674	3.33	25	7			qv,tm
97.70	100.80	7bn,Py	50	60	50% blocky,grey,mn se,35% wk rust incl cnts,2% qs,7% py	93.30	94.60	1.30	F25675	5.49	8	8			
100.80	139.50	1fu	90	60	green-grey/green,mod-str fuch,20% rust patches,3% qs loc w/ tm,sm flt @ 108',1' Bl mafics @ 129'	94.60	97.70	3.10	F25676	0.86	5	3			
139.50	148.00	2,bl,qs	100	60	grey-mn tan,wk bl-mod bl at end,mn se,mn rust in middle,13% flat qs,3% py,loc tr cpy	97.70	100.80	3.10	F25677	3.19	2	7			
148.00	149.30	1fu	100	60	green,str fuch,5% qs	100.80	103.80	3.00	F25678	0.04	3	0			
149.30	155.70	7bn,se,Py	95	60	olive green/grey,wk-mod se,mn rust at lower cnt,10% qs,7% py,loc tr cpy	103.80	107.50	3.70	F25679	0.58	4	0			
155.70	170.00	1fu	95	60	green-grey/green,mod-str fuch,20% rust patches,mn bl patches,8% qs	107.50	112.50	5.00	F25680	0.03	8	0			qs's,tm
170.00	171.20	7bn,qs,Py	100	60	grey,mn se,rust at lower cnt,10% qs,8% py	112.50	117.50	5.00	F25681	0.01	1	0			
						117.50	122.50	5.00	F25682	0.66	0	1			
						122.50	127.50	5.00	F25683	0.22	3	0			
						127.50	132.50	5.00	F25684	0.13	5	0			
						132.50	137.50	5.00	F25685	0.17	3	0			
						137.50	139.50	2.00	F25686	0.15	0	0			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
171.20	172.60	1fu	100	60	green.mod fuch,45% rust,5% qs	139.50	142.50	3.00	F25687	0.65	3	1		
172.60	178.20	7bn.se.Py	100	60	olive green/grey,wk se.8% qs,6% py.loc tr cpy	142.50	145.00	2.50	F25688	2.61	3	2		
178.20	184.00	1cb,fu	90	60	grey/green-grey,loc tr-mod fuch,35% rust patches,1% qs	145.00	148.00	3.00	F25689	29.90	35	7		flat qs's
184.00	208.00	1cb	80	60	grey.tr fuch,25% rust patches	148.00	149.30	1.30	F25690	0.20	5	0		
208.00	227.70	1fu	95	60	green,str fuch,wk-mod fuch in top 2',loc mn rust,1-2% qs,3" 7bn frag @ 211.3'	149.30	151.30	2.00	F25691	0.32	3	6		
227.70	233.50	7bn.se.Py	100	60	grey/olive green,tr-wk se,mn rust at cnts,7% qs,6% py,tr vg in tiny qs @ 231'	151.30	153.70	2.40	F25692	0.69	25	6		
233.50	257.00	2,bl.se	100	60	olive green-mn grey/green,wk-mod se/bl,tr-wk ch in lower 5',mn fuch spks,7% fuch frags,3% qs,1% py	153.70	155.70	2.00	F25693	1.44	2	8		
257.00	262.70	1cb,tc	90	60	grey,mn tc,25% wk rust incl top cnt	155.70	157.70	2.00	F25694	0.51	5	0		
262.70	273.30	2,cb,cb	100	60	dk grey/green,wk-mod ch,wk cb,mn hem?,msv w/ wk ch frags,tr qcbs	157.70	160.70	3.00	F25695	0.25	4	0		
273.30	283.00	1tc,7	100	60	dk grey/green,tr-wk cb,mn ch,30% mafic dykes from 3"-1.2' wide	160.70	164.70	4.00	F25696	0.15	7	0		
283.00	296.30	2,cb,cb	95	60	dk grey/green,w/ reddish tint,mn hem?,tr-wk cb,pil?,sm flt @ 289'	164.70	168.00	3.30	F25697	0.36	0	0		
296.30	301.00	1tc,cb	100	60	dk grey/green,wk ch,mn cb	168.00	170.00	2.00	F25698	2.28	35	0		
301.00	304.50	2,cb,cb	100	60	dk grey/green,wk ch/cb	170.00	172.60	2.60	F25699	1.61	7	5		1.2' 7bn
304.50	326.00	1tc	100	60	grey,mn cb at margins,tr rust	172.60	175.20	2.60	F25700	1.37	6	8		
326.00	354.40	1cb	90	60	grey,loc mn tc,mn fuch at end,10% rust patches,3% qcbs	175.20	178.20	3.00	F25701	0.55	10	5		
354.40	361.10	8fp,sc	90	65	olive green/brown,wk-mod se,60% rust,1% qs	178.20	180.20	2.00	F25702	0.44	5	0		
361.10	381.00	1tc,cb	90	60	dk grey/green,tr-wk ch,mn cb at top,loc mn rust patches,sm flt @ 368',F.O.H.	180.20	184.20	4.00	F25703	0.01	0	0		
						184.20	189.20	5.00	F25704	0.01	0	0		
						189.20	194.20	5.00	F25705	0.01	1	0		
						194.20	199.20	5.00	F25706	0.02	0	0		
						199.20	204.20	5.00	F25707	0.04	0	0		
						204.20	209.20	5.00	F25708	0.01	0	0		
						209.20	212.00	2.80	F25709	0.03	1	0		3" 7bn
						212.00	217.00	5.00	F25710	0.01	0	0		
						217.00	222.00	5.00	F25711	0.14	1	0		
						222.00	225.70	3.70	F25712	0.01	2	0		
						225.70	227.70	2.00	F25713	0.02	7	0		
						227.70	229.70	2.00	F25714	1.68	8	6		
						229.70	231.50	1.80	F25715	3.23	12	5		vg in qs
						231.50	233.50	2.00	F25716	0.28	3	6		
						233.50	235.50	2.00	F25717	0.17	7	1		
						235.50	238.50	3.00	F25718	1.17	8	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
						238.50	241.50	3.00	F25719	0.16	2	1		
						241.50	244.50	3.00	F25720	0.11	2	0		
						244.50	247.50	3.00	F25721	0.05	3	0		
						247.50	250.50	3.00	F25722	0.11	1	1		
						250.50	253.50	3.00	F25723	0.01	1	0		
						253.50	257.00	3.50	F25724	0.01	0	0		
						257.00	259.00	2.00	F25725	0.01		0		
						259.00	262.70	3.70	F25726	0.01		0		
						262.70	267.70	5.00	F25727	0.01	2	0		
						267.70	273.30	5.60	F25728	0.01	0	0		
						273.30	351.40	78.10						
						351.40	354.40	3.00	F25729	0.02	2	0		
						354.40	358.40	4.00	F25730	0.01	1	0		
						358.40	361.10	2.70	F25731	0.01	2	0		
						361.10	364.10	3.00	F25732	0.01		0		
						364.10	381.00	16.90						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-39	354.4	361.1	0.01					Main			



42A10SW2029

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
11P02-40	13550	5544	10895	302	3/18/02	EZ Shot	BQ	S. Harding	S	Hopson	1.1+50W.2+50N

Mining Claim: **P546620**
 Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled
 Signed by: *S. Harding*

Start Date	End Date
3/15/02	3/15/02

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU/GT	% Qtz	% Py	% Aspy	Remarks
0.00	50.30	OB				0.00	50.30	50.30						OB
50.30	52.90	7bn,PY	100	60	grey,mn se,7% qs,10% py	50.30	52.90	2.60	F25860	3.39	7	10		
52.90	75.50	1fu,m	90	60	lt green,motl/msv,mod-str fuch,10% rust patches,1-2% qs	52.90	54.90	2.00	F25861	0.44	1	0		
75.50	91.80	1fu	90	60	green,ps/mn motl sections,8% rust patches,10% 7bn dykes,3% qs	54.90	58.90	4.00	F25862	0.06	3	0		
91.80	99.80	7bn,qs	90	60	grey,mn se,5" fuch frag @ 94'.13% qs < 2" wide,4% py	58.90	62.90	4.00	F25863	0.14	1	0		
99.80	108.00	1fu,qs	100	60	green,mod-str fuch,8% qs,tr-1% py,tr vg in 1" qs 10 deg tca @ 107.2'	62.90	67.90	5.00	F25864	0.11	0	0		
108.00	112.00	7bn,se,qs,Py	95	60	olive green/grey,tr-wk se,tr rust at top cnt,15% qs,7% py	67.90	72.90	5.00	F25865	0.63	3	0		
112.00	120.00	1fu	100	60	green-grey/green,mod-str fuch,12% rust	72.90	77.90	5.00	F25866	0.17	3	0		
120.00	176.00	1cb,fu	95	60	grey-grey/green.loc tr-mod fuch,50% rust patches,2% qs,0.8' 7bn @ 159'	77.90	79.90	2.00	F25867	0.12	3	0		40% 7bn
176.00	180.00	1fu	100	60	green,mod fuch,50% rust,2" qs at lower cnt	79.90	84.90	5.00	F25868	0.12	2	0		
180.00	186.70	8fp,se	95	70	olive green/grey,wk-mod se,mn rust,6% qs,3% py	84.90	88.90	4.00	F25869	0.41	4	0		
186.70	194.20	1fu	95	60	green-grey/green,mod-str fuch,25% rust patches,3% qs	88.90	91.80	2.90	F25870	0.21	5	1		30% 7bn
194.20	198.00	7,bl,ch	80	60	tan-grey/green,wk-mod bl/mn fuch spks in top 1',wk ch/cb in rest,7% qs,tr-1% py,sm flt at lower cnt	91.80	94.80	3.00	F25871	2.93	7	3		
198.00	200.50	1cb,fu	90	60	grey/green,tr-wk cb,rust at top cnt	94.80	97.30	2.50	F25872	0.57	22	3		qs's
200.50	221.00	1tc,ch	100	60	dk grey/green,wk ch,mn cb at top	97.30	99.80	2.50	F25873	2.57	12	7		
221.00	222.50	7,ch	100	60	dk grey/green,wk-mod ch,mn cb,2% mg py	99.80	102.80	3.00	F25874	0.07	8	0		
222.50	258.80	1tc,ch	100	60	dk grey/green,wk ch,0.8' mafic dyke @ 232.3'	102.80	106.00	3.20	F25875	0.04	4	0		
258.80	267.00	7,ch,cb	90	60	dk grey/green w/ reddish tint,wk ch/cb,mn qz/cb frags,tr-1% py,1.5' u.mafics in middle	106.00	108.00	2.00	F25876	3.70	15	2		vg in qs
267.00	278.50	1tc,ch	100	60	dk grey/green,wk ch	108.00	110.00	2.00	F25877	0.24	12	7		
						110.00	112.00	2.00	F25878	0.72	17	7		
						112.00	114.00	2.00	F25879	0.27		0		
						114.00	119.00	5.00	F25880	0.10	1	0		
						119.00	124.00	5.00	F25881	0.04	1	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
278.50	290.60	7.ch.cb	95	60	dk grey/green w/reddish tint.wk ch/cb.tr qcbs.1% py.mu	124.00	129.00	5.00	F25882	0.68	2	0		
					rust in middle.sm flt at lower cnt	129.00	134.00	5.00	F25883	0.12	3	0		
290.60	302.00	1tc.ch	95	60	dk grey/green.wk-mod ch.EOH.	134.00	139.00	5.00	F25884	0.34	1	0		
						139.00	144.00	5.00	F25885	0.12		0		
						144.00	149.00	5.00	F25886	0.03		0		
						149.00	154.00	5.00	F25887	0.21	1	0		
						154.00	158.00	4.00	F25888	0.03	2	0		
						158.00	160.00	2.00	F25889	0.03	5	1		0.8' 7bn
						160.00	163.00	3.00	F25890	0.05		0		
						163.00	168.00	5.00	F25891	0.10	4	0		qs,tm
						168.00	173.00	5.00	F25892	0.09	5	0		
						173.00	177.00	4.00	F25893	0.44	8	0		
						177.00	180.00	3.00	F25894	0.07	4	0		
						180.00	183.00	3.00	F25895	0.51	10	3		flat qs
						183.00	186.70	3.70	F25896	0.38	3	3		
						186.70	188.70	2.00	F25897	0.13	5	0		
						188.70	192.20	3.50	F25898	0.08	2	0		
						192.20	194.20	2.00	F25899	0.17	2	0		
						194.20	198.00	3.80	F25900	0.99	7	1		
						198.00	201.00	3.00	F25901	0.10	3	0		
						201.00	206.00	5.00	F25902	0.03		0		
						206.00	302.00	96.00						EOH.



42A10SW2029

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-41	13550	5544	10895	400	3/19/02	FZ Shot	BQ	S. Harding	S	Hopson	L1+50W,2+50N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-60	13550.00	5544.00	10895.00		3/16/02	3/17/02
85.00	347	-61	13538.10	5584.04	10821.02			
400.00	350	-62	13508.08	5731.26	10544.21			

Mining Claim: PS46620

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *[Signature]*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	37.00	OB				0.00	37.00	37.00						OB
37.00	38.00	7bn	80	65	Bl mafic?,lt grey,tr se/fuch spks,8% qs,tr py/cpy	37.00	38.00	1.00	F25906	0.26	8	0		
38.00	43.40	1fu,bl	90	65	mafic?,grey/green,wk-mod fuch,wk bl,mn rust	38.00	41.00	3.00	F25907	0.04	0	0		
43.40	48.40	7bn,se,Py	95	65	olive green/grey,tr-wk se,mn rust,2% qs,8% vf-fg diss py	41.00	43.40	2.40	F25908	0.05		0		
48.40	58.80	1fu,qv	90	65	lt green-grey/green,loc wk bl,wk-mod fuch,10% rust patches,7% qs,1% py,0.4' qv 20 deg tca @ 50.3'	43.40	45.90	2.50	F25909	0.16	4	7		
						45.90	48.40	2.50	F25910	0.24	1	8		
58.80	62.80	7bn,qs,PY,vg	85	65	olive green/grey,tr-wk se,25% wk rust,mn rust at lower cnt,13% qs,10% py,tr vg in qs @ 61.3 & 62.2'	48.40	51.00	2.60	F25911	3.84	30	3		0.4' qv
						51.00	54.00	3.00	F25912	1.71	2	1		
62.80	70.00	1fu	95	65	lt green,motl,mod-str fuch,mn rust at top,3% qs,tr-1% py	54.00	56.80	2.80	F25913	0.69	20	0		
70.00	71.20	QV,tm	100	15	approx 0.4' msv wh QV 15 deg tca,5% tm,mn rust at cnts	56.80	58.80	2.00	F25914	0.37	7	0		
71.20	96.70	1fu	95	65	green-grey/green,mod-str fuch,predom motl w/ mn ps,10% rust patches,3% qs,loc tr py/cpy	58.80	60.80	2.00	F25915	1.30	12	8		
96.70	98.20	7bn,qs	80	65	grey,mn se,50% rust patches incl top cnt,13% qs,4% py	60.80	62.80	2.00	F25916	9.86	15	12		2 x vg/qs
98.20	105.00	1fu,qs	95	65	grey/green-green,mod fuch,15% rust,15% qs loc w/ smsv tm	62.80	64.80	2.00	F25917	0.09	1	0		
						64.80	67.80	3.00	F25918	0.10	2	0		
105.00	106.40	QV	90	40	wkly bx-msv wh QV,20% rusty carb frags	67.80	69.80	2.00	F25919	3.15	5	2		
106.40	118.60	7bn,se,Py	90	65	olive green/grey,tr-wk se,mn rust patches,7% qs,5% py,loc tr cpy	69.80	71.80	2.00	F25920	20.13	50	3		0.4' QV,tm
						71.80	74.80	3.00	F25921	3.91	3	1		
118.60	192.60	1cb,fu	95	60	grey/green-green,loc tr-mod fuch,25% rust patches,1-2% qs	74.80	77.80	3.00	F25922	0.19	2	0		
						77.80	81.80	4.00	F25923	0.43	5	0		
192.60	199.50	7bn,Si,Py	100	60	lt grey/tan,wk-mod si,loc mn se,8% qs,6% py	81.80	85.80	4.00	F25924	0.45	4	0		
199.50	204.70	1fu	95	60	grey/green,mod fuch,40% rust patches incl lower cnt,tr-1% qs	85.80	89.80	4.00	F25925	2.13	4	1		
204.70	213.00	8fp,se	95	60	olive green/grey,wk-mod se,mn fuch spks,mn rust,8% qs,4% py	89.80	94.70	4.90	F25926	0.08	2	0		
						94.70	96.70	2.00	F25927	0.12	1	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G.T	% Qz	% Py	% Aspy	Remarks
213.00	222.50	1fu.qs	95	60	green.mod-str fuch.mn rust.10% qs	96.70	98.20	1.50	F25928	0.36	13	4		
222.50	230.10	1cb.fu	100	60	grey-grey/green.tr-wk fuch.35% rust patches	98.20	102.00	3.80	F25929	0.40	8	0		qs's,tm
230.10	231.30	7.se	100	65	grey/tan,wk-mod se.mn fuch spks,wk rust at cnts	102.00	105.00	3.00	F25930	0.51	22	0		qs's,tm
231.30	275.20	1tc.cb,ch	100	60	dk grey/green.tr-wk ch.wk ch,mn rust at top	105.00	106.40	1.40	F25931	0.85	100			QV
275.20	276.30	8fp	100	50	grey/mn pink,wk ch/cb,tr py	106.40	109.40	3.00	F25932	0.26	8	3		
276.30	332.00	1tc.cb,ch	100	60	dk grey/green.tr-wk ch,wk ch	109.40	112.40	3.00	F25933	0.14	8	5		
332.00	339.00	1cb.fu,ch	85	45	grey/green,wk-mod ch in top 3.5',tr-wk fuch in lower 3.5'.15% rust.0.4' wkly si dyke @ 336.4'	112.40	115.40	3.00	F25934	0.23	5	5		
339.00	349.40	7.bl.qs	90	40	lt grey,wk-mod bl,loc tr-wk se,mn ch,mn rust,10% qs,4% py,tr cpy	115.40	118.60	3.20	F25935	0.55	10	6		
349.40	356.00	1cb.se,fu	100	40	grey/green,wk fuch/se,mn ch	118.60	120.60	2.00	F25936	0.07	2	0		
356.00	367.10	7.ch,cb	100	40	grey/green,wk-mod ch,mn wk bl at top,tr-wk cb.3% qs.3% py	120.60	125.60	5.00	F25937	0.08	1	0		
367.10	400.00	1tc.cb,ch	100	40	dk grey/green,wk-mod ch,tr-wk ch,EOH.	125.60	130.60	5.00	F25938	0.09	0	0		
						130.60	135.60	5.00	F25939	0.02	1	0		
						135.60	140.60	5.00	F25940	0.21	6	0		2" qs
						140.60	145.60	5.00	F25941	0.01		0		
						145.60	150.60	5.00	F25942	0.06	0	0		
						150.60	155.60	5.00	F25943	1.73	1	0		
						155.60	160.60	5.00	F25944	0.34	4	0		
						160.60	165.60	5.00	F25945	0.16	6	0		
						165.60	170.60	5.00	F25946	0.11	1	0		
						170.60	175.60	5.00	F25947	0.01	3	0		
						175.60	180.60	5.00	F25948	0.04		0		
						180.60	185.60	5.00	F25949	0.10	0	0		
						185.60	190.60	5.00	F25950	0.02	0	0		
						190.60	192.60	2.00	F25951	0.58	8	0		
						192.60	194.90	2.30	F25952	3.47	13	7		
						194.90	197.20	2.30	F25953	3.05	2	5		
						197.20	199.50	2.30	F25954	2.26	8	6		
						199.50	201.70	2.20	F25955	0.59	0	0		
						201.70	204.70	3.00	F25956	0.14	1	0		
						204.70	207.00	2.30	F25957	0.34	12	5		
						207.00	210.00	3.00	F25958	0.04	5	3		
						210.00	213.00	3.00	F25959	0.14	8	4		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qz	% Py	% Aspy	Remarks
						213.00	216.00	3.00	F25960	0.25	12	0		
						216.00	221.00	5.00	F25961	0.14	10	0		
						221.00	226.00	5.00	F25962	0.03	0	0		
						226.00	230.10	4.10	F25963	0.53	1	0		
						230.10	231.30	1.20	F25964	0.02	2	0		
						231.30	236.30	5.00	F25965	0.01		0		
						236.30	331.00	94.70						
						331.00	336.00	5.00	F25966	0.07		0		
						336.00	339.00	3.00	F25967	0.01		0		0.4' dyke
						339.00	342.50	3.50	F25968	1.23	4	4		
						342.50	346.00	3.50	F25969	3.36	17	5		
						346.00	349.40	3.40	F25970	5.73	10	4		
						349.40	352.40	3.00	F25971	0.53	0	0		
						352.40	356.00	3.60	F25972	0.04	2	0		
						356.00	359.00	3.00	F25973	0.22	3	2		
						359.00	363.00	4.00	F25974	0.08	3	4		
						363.00	367.10	4.10	F25975	0.23	3	3		
						367.10	370.10	3.00	F25976	0.01		0		
						370.10	375.10	5.00	F25977	0.01		0		
						375.10	400.00	24.90						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-41	315	325	0.01					Main			



42A10SW2029

2.24187

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-42	13607	5539	10895	429.8	3/24/02	EZ Shot	BQ	S. Harding	S	Hopson	L1+00W.2+25N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-47	13607.00	5539.00	10895.00						
50.00	341	-17	13595.62	5571.14	10858.13						
250.00	345	-48	13556.10	5700.26	10710.98						
420.00	345	-49	13526.94	5809.06	10583.66						

Mining Claim: **P546620**

Start Date	End Date
3/19/02	3/20/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
FROM	TO					FROM	TO							
0.00	11.00	OB				0.00	11.00	11.00						OB
11.00	41.00	1cb,ch	90	40	grey/green,wk-mod ch,mn rust along fracs,msv/motl,tr-1% qs	11.00	25.80	14.80						
41.00	50.80	1cb,se,fu	100	40	grey/green,wk se,tr-wk fuch in lower 2.5',mn rust at lower cnt,2% qs	30.80	35.80	5.00	F26199	0.01	0	0		
50.80	62.30	7bn,se,Py	95	70	olive green/grey,tr-wk se,10% rust patches incl both cnts,6% qs,5% py,loc tr cpy	35.80	40.80	5.00	F26200	0.01	0	0		
62.30	73.60	1fu,se	95	40	grey/green,wk-mod fuch,mn se,motl,30% rust patches incl both cnts,1% qs,sm flt @ 70.3'	40.80	45.80	5.00	F26201	0.05	0	0		
73.60	75.50	7bn,se,PY	95	60	grey-olive green/grey,tr-wk se,rust at top cnt,8% qs,15% py	45.80	48.80	3.00	F26202	0.01	5	0		
75.50	119.70	1fu,qs	95	45	lt green,motl,mod-str fuch,20% rust patches,6% qs,loc tr-1% py,0.6' qv @ 84',0.4' qv w/ tm @ 110.5'	48.80	50.80	2.00	F26203	0.02	7	0		
119.70	131.70	2,bl,cb	100	50	grey/green/brown,tr-wk ch/wk cb in top 9',wk bl,wk-mod bl in lower 3',mn rust,tr qs	50.80	52.80	2.00	F26204	0.06	3	0		
131.70	144.40	2,bl,qs,Py	100	50	tan/grey,mod bl,10% qs,7% py,loc tr cpy,tr vg in qs's @ 132.7 & 135.3'	52.80	54.80	2.00	F26205	0.08	10	4		
144.40	150.40	1fu,qs	80	50	lt green,mod-str fuch,35% rust patches,rust at lower cnt,22% predom flat qs	54.80	57.30	2.50	F26206	0.17	6	4		
150.40	154.70	7bn,Se,qs,Py	90	50	dk olive green/grey,wk-mod se,mn rust incl both cnts,13% qs,8% py	57.30	59.80	2.50	F26207	0.07	8	7		
154.70	164.70	1fu	95	60	green-grey/green,mod-str fuch,30% rust patches,1% qs	59.80	62.30	2.50	F26208	0.03	5	6		
164.70	170.00	1cb,fu	100	60	grey/green-grey,tr-wk fuch,mn rust,0.6' dyke @ 168.2'	62.30	65.30	3.00	F26209	0.56	4	4		
170.00	202.00	1cb,tc	100	60	grey,tr-wk tc,12% wk rust patches,tr qs	65.30	70.30	5.00	F26210	0.02		0		
						70.30	73.60	3.30	F26211	1.23	1	0		
						73.60	75.50	1.90	F26212	2.15	8	15		
						75.50	77.50	2.00	F26213	1.44	10	4		
						77.50	80.50	3.00	F26214	0.89	8	1		
						80.50	83.50	3.00	F26215	2.13	6	3		
						83.50	85.50	2.00	F26216	1.37	55	1		0.6' qv
						85.50	88.50	3.00	F26217	0.64	6	0		
									F26218					

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
202.00	209.70	1cb	100	60	grey.tr fuch at end.40% rust patches	88.50	92.50	4.00	F26219	1.75	12	2		
209.70	216.70	1fu.cb	100	60	grey-green-green.loc wk-str fuch.10% wk rust.1% qs	92.50	96.50	1.00	F26220	0.39	6	0		
216.70	224.00	8fp.sc	95	65	olive green/grey-grey.tr-wk sc.loc mod se.3% qs.1% py	96.50	100.50	4.00	F26221	0.44	1	0		
224.00	229.20	1fu	90	60	green.mod-str fuch.35% wk rust.rust/blocky core at lower ent.3% qs	100.50	104.50	4.00	F26222	0.13	1	0		
229.20	235.00	8fp.se.cb	100	65	olive green/grey.tr-wk se.wk cb/mn ch at end.5% qs.1% py	104.50	108.50	4.00	F26223	0.16	4	0		
						108.50	111.50	3.00	F26224	1.72	25	0		qv.1m
						111.50	114.70	3.20	F26225	0.89	4	0		
235.00	275.40	1tc.cb	100	60	dk grey-grey/green.wk ch.tr-wk cb,mn rust at top	114.70	117.70	3.00	F26226	0.07	5	0		
275.40	276.60	8fp.ch.cb	100	50	dk grey/green-grey.wk ch/cb.25% wk rust.5% qs.tr py	117.70	119.70	2.00	F26227	0.22	2	0		
276.60	311.60	1tc.ch	100	60	grey/green.loc wk-mod ch,mn cb at top,mn dykes < 4" wide	119.70	123.70	4.00	F26228	0.02	0	1		
311.60	345.00	2.ch.cb	100	60	dk grey/green.wk cb.wk-mod ch,msv.tr-1% qcs,tr py.325.3-327.5: 1tc.ch	123.70	126.70	3.00	F26229	0.02	0	0		
						126.70	129.70	3.00	F26230	0.22	1	0		
345.00	365.00	1tc.ch	100	60	dk grey/green.wk ch,mn cb	129.70	131.70	2.00	F26231	0.07	0	0		
365.00	368.70	8fp	90	40	8fp/mafic?.grey/brown.wk cb,mn rust.1% qs	131.70	133.70	2.00	F26232	33.09	3	8		vg in qs
368.70	381.00	1.ch.cb	90	50	grey/green.wk-mod ch.wk cb.1% qs	133.70	135.70	2.00	F26233	31.20	25	12		vg in qs
381.00	394.50	2.m.ch.cb	95	60	grey/green-green.tr-wk cb.1% qs.tr-1% py	135.70	138.00	2.30	F26234	6.17	12	6		
394.50	429.80	1tc.ch	100	60	grey/green.wk ch.FOH.	138.00	140.40	2.40	F26235	0.93	3	3		
						140.40	142.40	2.00	F26236	2.13	10	4		
						142.40	144.40	2.00	F26237	6.31	8	8		
						144.40	147.40	3.00	F26238	0.66	30	0		flat qs's
						147.40	150.40	3.00	F26239	0.33	13	0		
						150.40	152.40	2.00	F26240	2.91	12	8		
						152.40	154.70	2.30	F26241	1.03	13	8		
						154.70	156.70	2.00	F26242	0.79	2	0		
						156.70	160.70	4.00	F26243	0.82	1	0		
						160.70	164.70	4.00	F26244	0.17	3	0		
						164.70	169.70	5.00	F26245	0.01	0	0		0.6' dyke
						169.70	174.70	5.00	F26246	0.01	0	0		
						174.70	199.70	25.00						
						199.70	204.70	5.00	F26247	0.01	0	0		
						204.70	209.70	5.00	F26248	0.01	0	0		
						209.70	214.70	5.00	F26249	0.01	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						214.70	216.70	2.00	F26750	0.03	3	0		
						216.70	219.20	2.50	F26751	0.06	3	1		
						219.20	221.70	2.50	F26752	0.03	4	0		
						221.70	224.00	2.30	F26753	0.20	3	2		
						224.00	226.60	2.60	F26754	0.01	6	0		
						226.60	229.20	2.60	F26755	0.29	1	0		
						229.20	232.00	2.80	F26756	0.77	8	1		
						232.00	235.00	3.00	F26757	0.15	3	1		
						235.00	237.00	2.00	F26758	0.01		0		
						237.00	242.00	5.00	F26759	0.01		0		
						242.00	247.00	5.00	F26760	0.01		0		
						247.00	429.80	182.80						EOH.



42A10SW2029

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Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-43	13607	5539	10895	487	3/26/02	EZ Shot	BQ	S. Harding	S	Hopson	L1+00W.2+25N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date			
0.00	340	-67	13607.00	5539.00	10895.00		3/20/02	3/23/02			
55.00	340	-68	13599.80	5558.78	10844.19						
220.00	343	-68	13580.20	5617.37	10691.20						
480.00	344	-69	13553.12	5708.73	10449.50						

Mining Claim: P546620

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *M. Harding*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	10.80	OB				0.00	10.80	10.80						OB
10.80	51.00	1cb,ch	95	50	dk grey/green,wk-mod ch,mn fuch at end,loc mn rust,tr-1% qs	10.80	41.00	30.20						
51.00	70.20	1fu	95	50	lt green,str fuch,motl,30% rust patches,rust at lower cnt,2% qs,loc tr py/cpy	41.00	46.00	5.00	F26861	0.01	2	0		
70.20	90.30	7bn,qs,Py	85	40	grey,loc mn se,25% rust patches incl both cnts,10% qs,5% py,loc tr cpy,tr vg in qs @ 84.6'	46.00	51.00	5.00	F26862	0.01	0	0		
90.30	166.50	1fu	95	50	lt green-grey/green,mod-str fuch,motl,mn ps,10% rust patches,mn rust at top cnt,3-4% qs loc w/ tm	51.00	56.00	5.00	F26863	0.82	2	0		
166.50	189.30	1cb,ch	95	40	grey/green,wk ch,mn se,10% rust patches,tr qs	56.00	61.00	5.00	F26864	0.27	2	0		
189.30	197.60	1fu	100	40	lt green-grey/green,wk-mod fuch,motl in lower half,15% rust incl lower cnt,tr qs	61.00	65.20	4.20	F26865	0.04	2	0		
197.60	205.40	7bn,si,qs,Py	100	45	grey-mn olive green/grey,wk si,tr-mod se patches in top 2',mn rust at top cnt,8% qs,8% py	65.20	68.20	3.00	F26866	0.28	3	0		
205.40	223.50	1fu	100	45	green,mod-str fuch,mn rust patches,3% qs	68.20	70.20	2.00	F26867	0.52	3	1		
223.50	251.50	1cb	100	45	grey,mn ch,tr fuch in top 4',10% wk rust patches,tr qs	70.20	72.20	2.00	F26868	0.22	15	6		
251.50	266.80	2,si	100	50	grey,tan,mod-str si,mn cb,wk frags,5% qs,4% py,loc tr cpy	72.20	74.20	2.00	F26869	0.08	6	5		
266.80	269.20	2,bl	100	50	grey,wk bl,mn se,3.5" 1fu at top,2% qs,2% py,tr cpy	74.20	76.20	2.00	F26870	0.07	6	4		
269.20	271.90	1fu	100	45	grey/green,wk-mod fuch,35% wk rust	76.20	78.20	2.00	F26871	0.14	3	4		
271.90	272.20	2,si	100	35	lt grey,wk-mod si,rust at cnts,2% qs,tr py	78.20	80.20	2.00	F26872	1.04	7	7		
272.20	280.10	1fu	100	40	green-grey/green,mod fuch,10% rust patches	80.20	82.20	2.00	F26873	0.23	8	3		
280.10	287.60	2,si,se,Py	100	50	grey-mn olive green/grey,wk si,loc tr-wk se,7% qs,7% py,loc tr cpy	82.20	84.20	2.00	F26874	0.91	15	8		
						84.20	86.20	2.00	F26875	0.41	12	7		vg in qs
						86.20	88.20	2.00	F26876	0.18	12	4		
						88.20	90.30	2.10	F26877	0.18	4	5		
						90.30	92.30	2.00	F26878	0.02	7	0		
						92.30	95.30	3.00	F26879	0.19	4	0		
						95.30	100.30	5.00	F26880	0.20	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
287.60	291.50	2.Se,qs	100	50	lt olive green,mod-str se,mn fuch spks.2" fuch frag at top.10% qs,3% py	100.30	105.30	5.00	F26881	0.01	0	0		
291.50	299.90	7bn.se,Py	100	50	olive green/grey,tr-wk se.7% qs.6% py	105.30	110.30	5.00	F26882	0.02	0	0		
299.90	306.80	2.7.Se	100	50	lt olive green,mn grey,loc wk-str se.wk fuch spks.6% qs,1-2% py	110.30	115.30	5.00	F26883	0.05		0		
306.80	314.00	1 fu	95	50	lt green,mod-str fuch,35% rust patches,3% qs	115.30	120.30	5.00	F26884	0.10	0	0		
314.00	322.60	7,Se	95	40	lt green,mod-str fuch,35% rust patches,3% qs	120.30	125.30	5.00	F26885	0.11	3	0		
322.60	349.70	1cb	100	40	olive green/grey,wk-mod se,wk fuch spks,0.7' wk rust in middle,2% qs,tr-1% py,0.6' u.mafic @ 321.2'	125.30	130.30	5.00	F26886	0.09	1	0		
349.70	364.00	2,si	100	40	grey-grey/green,loc tr-wk fuch,15% wk rust patches	130.30	135.30	5.00	F26887	0.07	4	0		
364.00	388.00	1cb,fu	95	40	grey,wk-mod si,tr-wk cb,mn rust,2% qs,tr py	135.30	140.30	5.00	F26888	0.20	3	0		
388.00	399.60	1cb,tc.ch	100	40	grey/green,loc tr-wk fuch,15% wk rust patches	140.30	145.30	5.00	F26889	0.10	3	0		
399.60	401.60	8fp	25	40	grey/green,loc tr-wk fuch,15% wk rust patches	145.30	150.30	5.00	F26890	0.44	2	0		
401.60	464.60	1tc.ch	100	40	grey/green,loc tr-wk fuch,15% wk rust patches	150.30	155.30	5.00	F26891	0.15	10	0		
464.60	466.40	7.ch,si	100	30	grey/green,loc tr-wk fuch,15% wk rust patches	155.30	160.30	5.00	F26892	1.29	7	0		qs/tm
466.40	487.00	1tc.ch	100	40	grey/green,loc tr-wk fuch,15% wk rust patches	160.30	165.30	5.00	F26893	3.84	8	1		
					grey/green,loc tr-wk fuch,15% wk rust patches	165.30	170.30	5.00	F26894	0.05		0		
					grey/green,loc tr-wk fuch,15% wk rust patches	170.30	175.30	5.00	F26895	0.15	0	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	175.30	180.30	5.00	F26896	0.06	1	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	180.30	185.30	5.00	F26897	0.01	0	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	185.30	190.30	5.00	F26898	0.01	1	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	190.30	195.30	5.00	F26899	0.62	2	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	195.30	197.60	2.30	F26900	0.03	2	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	197.60	199.60	2.00	F26901	1.18	12	7		
					grey/green,loc tr-wk fuch,15% wk rust patches	199.60	201.60	2.00	F26902	0.72	7	10		
					grey/green,loc tr-wk fuch,15% wk rust patches	201.60	203.60	2.00	F26903	4.84	7	8		
					grey/green,loc tr-wk fuch,15% wk rust patches	203.60	205.40	1.80	F26904	0.55	5	8		
					grey/green,loc tr-wk fuch,15% wk rust patches	205.40	207.40	2.00	F26905	0.08		0		
					grey/green,loc tr-wk fuch,15% wk rust patches	207.40	212.40	5.00	F26906	0.59	2	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	212.40	217.40	5.00	F26907	0.03	1	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	217.40	222.40	5.00	F26908	0.34	5	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	222.40	227.40	5.00	F26909	0.01	1	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	227.40	232.40	5.00	F26910	0.01		0		
					grey/green,loc tr-wk fuch,15% wk rust patches	232.40	237.40	5.00	F26911	0.01	1	0		
					grey/green,loc tr-wk fuch,15% wk rust patches	237.40	242.40	5.00	F26912	0.01	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						242.40	246.40	4.00	F26913	0.01	0	0		
						246.40	249.50	3.10	F26914	0.03	0	0		
						249.50	251.50	2.00	F26915	0.01	2	0		
						251.50	253.50	2.00	F26916	1.07	6	5		
						253.50	255.50	2.00	F26917	0.90	5	6		
						255.50	257.50	2.00	F26918	0.32	3	5		
						257.50	259.50	2.00	F26919	0.41	4	4		
						259.50	261.50	2.00	F26920	1.40	3	5		
						261.50	264.00	2.50	F26921	1.07	5	5		
						264.00	266.80	2.80	F26922	0.81	5	2		
						266.80	269.20	2.40	F26923	0.22	2	2		
						269.20	271.90	2.70	F26924	0.01		0		
						271.90	273.20	1.30	F26925	0.16	2	0		
						273.20	275.20	2.00	F26926	0.01	0	0		
						275.20	278.10	2.90	F26927	0.01	0	0		
						278.10	280.10	2.00	F26928	0.01	2	0		
						280.10	282.10	2.00	F26929	0.17	1	6		
						282.10	284.10	2.00	F26930	0.19	3	6		
						284.10	286.10	2.00	F26931	2.84	8	8		
						286.10	288.10	2.00	F26932	0.57	18	7		
						288.10	291.50	3.40	F26933	0.06	13	3		
						291.50	293.50	2.00	F26934	0.55	5	4		
						293.50	295.50	2.00	F26935	0.41	4	3		
						295.50	297.50	2.00	F26936	2.04	8	8		
						297.50	299.90	2.40	F26937	0.72	10	7		
						299.90	301.90	2.00	F26938	0.13	4	1		
						301.90	304.30	2.40	F26939	2.70	5	1		
						304.30	306.80	2.50	F26940	0.04	7	2		
						306.80	310.00	3.20	F26941	0.07	5	0		
						310.00	314.00	4.00	F26942	0.07	2	0		
						314.00	318.30	4.30	F26943	0.01	1	0		
						318.30	322.60	4.30	F26944	0.01	3	1		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						322.60	325.60	3.00	F26945	0.01	0	0		
						325.60	330.60	5.00	F26946	0.01		0		
						330.60	335.60	5.00	F26947	0.01		0		
						335.60	340.60	5.00	F26948	0.10	1	0		
						340.60	345.60	5.00	F26949	0.01	0	0		
						345.60	349.70	4.10	F26950	0.01	1	0		
						349.70	352.70	3.00	F26951	0.01	0	0		
						352.70	355.70	3.00	F26952	0.06	3	0		
						355.70	358.70	3.00	F26953	0.08	1	0		
						358.70	361.20	2.50	F26954	0.12	6	0		
						361.20	364.00	2.80	F26955	0.06	1	1		
						364.00	367.00	3.00	F26956	0.05	2	0		
						367.00	372.00	5.00	F26957	0.01	0	0		
						372.00	377.00	5.00	F26958	0.03	1	0		
						377.00	382.00	5.00	F26959	0.08	0	0		
						382.00	387.00	5.00	F26960	0.04	1	0		
						387.00	392.00	5.00	F26961	0.11	1	0		
						392.00	487.00	95.00						FOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-43	291.5	299.9	0.92					Main			



42A10SW2029

2.24187

MACKLEM

120

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-11	13504	5527	10895	754.6	3/22/02	EZ Shot	BQ	S. Harding	S	Hopson	L2+00W, 2+50N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	0	-90	13504.00	5527.00	10895.00		3/17/02	3/19/02
75.00	246	-89	13503.40	5526.73	10820.01			
260.00	300	-89	13500.53	5526.88	10635.03			
460.00	274	-89	13497.28	5527.88	10435.06			
620.00	263	-89	13494.30	5527.81	10275.09			
750.00	317	-89	13492.60	5528.50	10145.11			

Mining Claim: **P546620**
 Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	42.30	OB				0.00	42.30	42.30						OB
42.30	70.00	1cb,1fu	95	50	60% 1cb w/ loc tr-wk fuch,40% 1fu w/ mod-str fuch,20% rust patches,3-4% qs loc w/ tm	42.30	46.30	4.00	F26031	0.08	2	0		
70.00	119.00	1fu	95	50	green-grey/green.mod-str fuch,predom motl.15% rust patches,6% qs.loc tr py/cpy,4" 7bn @ 75.5'	46.30	51.30	5.00	F26032	0.10	8	0		2.5" qs,tm
119.00	138.20	7bn,se,qs,Py	95	45	olive green/grey,tr-wk se,10% qs < 1" wide,6% py,loc tr cpy,tr vg in qs @ 121.7',3" qv @ 135.2'	51.30	56.30	5.00	F26033	0.03	4	0		
138.20	141.10	1fu	95	45	lt green,motl,tr rust at cnts,3% qs	56.30	61.30	5.00	F26034	0.01	2	0		
141.10	154.90	7bn,se,qs,Py	100	45	olive green/grey,tr-wk se,12% qs,8% py,3" fuch frag @ 144',vg in qs @ 143.7',tr vg in 4" qv @ 152.8'	61.30	66.30	5.00	F26035	0.01	4	0		
154.90	159.00	1fu,qs	95	45	green,mod fuch,30% rust patches at end,17% qs,tr-1% py,tr cpy,2" 7bn frag @ 155.6'	66.30	71.30	5.00	F26036	0.09	4	0		1" qs,tm
159.00	160.80	7bn,Se,qs	60	55	olive green/grey,mod-str se.75% wk rust incl cnts,22% qs,3% py,gouge @ 160.4'	71.30	74.30	3.00	F26037	0.06	5	0		
160.80	162.00	FZ,LC	0		35% rusty broken core/gouge,65% lost core	74.30	76.30	2.00	F26038	0.77	20	3		4" 7bn
162.00	163.90	1fu	50	55	95% rust,15% 7bn frags,5% qs,1% py	76.30	79.30	3.00	F26039	0.07	0	0		
163.90	183.70	7bn,se,qs	100	55	olive green/grey,tr-wk se,8% qs < 2" wide,4% py,tr vg in qs @ 169.2'	79.30	84.00	4.70	F26040	0.29	7	0		
183.70	222.00	1fu	100	50	green-grey/green,mod-str fuch,mn rust patches,mn wkly bl patches,2% qs	84.00	89.00	5.00	F26041	0.05	0	0		
222.00	252.00	1fu,qv	95	40	green,mod-str fuch,20% rust patches,10% qv's up to 0.7' wide,sm flt @ 231'	89.00	94.00	5.00	F26042	0.10	3	0		
252.00	265.00	1cb,fu	95	40	grey/green,tr-wk fuch,15% rust patches,1% qs	94.00	99.00	5.00	F26043	0.50	10	0		
						99.00	104.00	5.00	F26044	0.29	2	0		
						104.00	109.00	5.00	F26045	0.28	2	0		
						109.00	114.00	5.00	F26046	0.11	1	0		
						114.00	117.00	3.00	F26047	9.26	4	0		
						117.00	119.00	2.00	F26048	2.13	7	1		
						119.00	121.00	2.00	F26049	2.47	5	6		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
265.00	271.80	lfu	95	40	lt green,motl.mod-str fuch.rust at lower cnt.5% qs.2% py	121.00	123.00	2.00	F26050	4.74	10	8		vg in qs
271.80	278.00	7bn.qs,PY	90	50	grey.wk se at cnts.rusty/broken core at both cnts.15% qs,10% py.tr vg in 1" qs @ 277'	123.00	125.00	2.00	F26051	0.47	6	5		
278.00	305.30	lfu	85	40	green-grey/green.motl.wk-str fuch,10% rust patches.1% qs.tr vg in qs @ 282.8',sm flt @ 299.7'	125.00	127.00	2.00	F26052	3.98	10	6		
305.30	308.00	lfu,7bn	80	40	35% 7bn/bl mafic sections in mod-str fuch,2% qs,tr-1% py	127.00	129.00	2.00	F26053	0.19	5	4		
308.00	322.30	lfu	85	40	green.mod-str fuch,mn rust patches,tr qs	129.00	131.00	2.00	F26054	0.65	10	4		
322.30	329.80	lfu,2,bl	95	40	mn bl mafics?,grey/green.wk-mod fuch,loc wk bl,mn rust,2% qs,tr-1% py,blocky core at lower cnt	131.00	134.00	3.00	F26055	0.79	3	5		
329.80	352.40	7bn,se,qs,Py	90	35	grey-olive green/grey,tr-wk se,loc wk si,rust at lower cnt,10% qs,6% py,tr vg in qs @ 331.2 & 339'	134.00	136.20	2.20	F26056	18.38	25	7		qv/qs
352.40	380.00	lfu	100	35	green.mod-str fuch,loc mn rust,rust at top cnt,1-2% qs,0.6' qv @ 370.8'	136.20	138.20	2.00	F26057	0.58	8	4		
380.00	395.00	lcb,flu	100	40	grey/green,tr-wk fuch,20% rust patches.2% qs	138.20	141.10	2.90	F26058	0.34	3	0		
395.00	419.50	lcb	100	40	grey.loc tr fuch,tr-wk fuch in lower 4',30% rust patches,tr qs	141.10	143.10	2.00	F26059	0.49	10	6		
419.50	480.00	lfu	95	45	green-grey/green.mod-str fuch,8% rust patches,3% qs,0.5' dyke @ 425',0.8' qv @ 424',0.7' qv @ 442.5'	143.10	145.10	2.00	F26060	4.38	8	7		vg in qs
480.00	520.00	lfu,cb	90	45	grey/green,wk-mod fuch,10% rust patches.1-2% qs,sm flt @ 511.2'	145.10	147.10	2.00	F26061	3.50	13	10		
520.00	542.00	lcb,se,ch	100	40	grey-grey/green.wk se/ch,1% qs at top	147.10	149.10	2.00	F26062	0.91	15	8		
542.00	545.00	7bn	100	35	8fp?,grey/tan,mn ch at cnts.4% qs.1% py	149.10	151.20	2.10	F26063	0.54	13	7		
545.00	607.00	lcb,flu	95	30	grey/green-grey,loc tr-mod fuch,wk se,1-2% qs	151.20	153.20	2.00	F26064	2.47	28	8		vg in qv
607.00	629.00	lfu,cb	100	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	153.20	154.90	1.70	F26065	1.44	12	8		
629.00	656.30	lcb,tc,ch	95	30	grey/green,tr-wk tc,wk ch	154.90	159.00	4.10	F26066	0.46	17	0		
656.30	660.00	8fp,ch	100	25	dk grey/green,wk ch,6% qs.tr py	159.00	160.80	1.80	F26067	2.13	22	3		qs's
660.00	677.50	lcb,flu	95	45	grey-grey/green,loc wk-mod ch/cb,tr-wk se,tr fuch/mod se at end,8% qs,0.4' 8fp @ 674.7'	160.80	163.90	3.10	F26068	1.82	5	1		30% LC
677.50	689.30	8fp,si,se	95	40	grey/green-grey,loc wk-mod si,tr-wk se,4% qs,tr-1% py,1.3' lcb in middle,ch/blocky core at lower cnt	163.90	165.90	2.00	F26069	1.58	8	5		
689.30	754.60	lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	165.90	167.90	2.00	F26070	1.51	8	8		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	167.90	169.90	2.00	F26071	0.69	13	5		vg in qs
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	169.90	171.90	2.00	F26072	0.03	10	3		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	171.90	174.70	2.80	F26073	1.15	15	4		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	174.70	177.70	3.00	F26074	0.19	8	3		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	177.70	180.70	3.00	F26075	0.14	8	4		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	180.70	183.70	3.00	F26076	0.34	4	3		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	183.70	186.70	3.00	F26077	0.07	0	0		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	186.70	191.70	5.00	F26078	0.03	0	0		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	191.70	196.70	5.00	F26079	0.04	0	0		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	196.70	201.70	5.00	F26080	0.08	1	0		
		lcb,flu	95	30	green-grey/green,wk-mod fuch,2% qs,approx 0.5' flat dyke @ 615.5'	201.70	206.70	5.00	F26081	0.04	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
206.70	211.70					206.70	211.70	5.00	F26082	0.02	0	0		
211.70	216.70					211.70	216.70	5.00	F26083	0.19	8	0		
216.70	221.70					216.70	221.70	5.00	F26084	0.10	0	0		
221.70	225.00					221.70	225.00	3.30	F26085	0.37	10	1		bl
225.00	229.00					225.00	229.00	4.00	F26086	0.12	20	0		0.7' qv
229.00	234.00					229.00	234.00	5.00	F26087	0.09	10	0		3" qv
234.00	238.00					234.00	238.00	4.00	F26088	0.36	2	0		
238.00	241.80					238.00	241.80	3.80	F26089	0.39	15	0		0.5' qv
241.80	246.80					241.80	246.80	5.00	F26090	1.16	4	0		2" qs
246.80	251.80					246.80	251.80	5.00	F26091	0.67	10	0		
251.80	256.80					251.80	256.80	5.00	F26092	0.16	0	0		
256.80	261.80					256.80	261.80	5.00	F26093	0.03	2	0		
261.80	266.80					261.80	266.80	5.00	F26094	0.01	1	0		
266.80	269.80					266.80	269.80	3.00	F26095	0.41	7	3		
269.80	271.80					269.80	271.80	2.00	F26096	0.82	1	2		
271.80	274.00					271.80	274.00	2.20	F26097	7.75	30	12		qs's
274.00	276.00					274.00	276.00	2.00	F26098	4.43	5	8		
276.00	278.00					276.00	278.00	2.00	F26099	8.34	8	8		vg in qs
278.00	280.00					278.00	280.00	2.00	F26100	0.33	0	0		
280.00	283.00					280.00	283.00	2.00	F26101	0.21	1	1		
282.00	284.00					282.00	284.00	2.00	F26102	2.92	8	3		vg in qs
284.00	287.00					284.00	287.00	3.00	F26103	0.16	0	0		
287.00	292.00					287.00	292.00	5.00	F26104	0.17	0	0		
292.00	297.00					292.00	297.00	5.00	F26105	0.05	0	0		
297.00	302.00					297.00	302.00	5.00	F26106	0.10	0	0		
302.00	305.00					302.00	305.00	3.00	F26107	0.28	2	0		
305.00	308.00					305.00	308.00	3.00	F26108	1.03	4	2		30% 7bn
308.00	311.00					308.00	311.00	3.00	F26109	0.69		0		
311.00	314.00					311.00	314.00	3.00	F26110	4.94	1	1		
314.00	319.00					314.00	319.00	5.00	F26111	0.21	0	0		
319.00	322.30					319.00	322.30	3.30	F26112	0.05		0		
322.30	325.30					322.30	325.30	3.00	F26113	0.58	4	2		

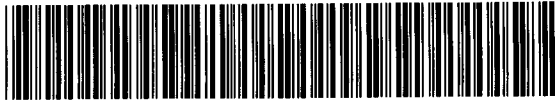
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						325.30	327.80	2.50	F26111	0.09	2	0		
						327.80	329.80	2.00	F26115	0.10	2	0		
						329.80	331.80	2.00	F26116	0.52	7	4		vg in qs
						331.80	333.80	2.00	F26117	0.64	7	3		
						333.80	335.80	2.00	F26118	1.54	17	7		
						335.80	337.80	2.00	F26119	0.93	15	7		
						337.80	339.80	2.00	F26120	31.27	15	8		vg in qs
						339.80	341.80	2.00	F26121	4.25	12	7		
						341.80	343.80	2.00	F26122	3.91	13	6		
						343.80	345.80	2.00	F26123	2.61	12	8		
						345.80	349.10	3.30	F26124	1.23	4	3		
						349.10	352.40	3.30	F26125	4.66	7	5		
						352.40	354.40	2.00	F26126	0.16	2	0		
						354.40	359.40	5.00	F26127	0.10	2	0		
						359.40	364.40	5.00	F26128	0.71	3	0		
						364.40	369.40	5.00	F26129	0.20	0	0		
						369.40	371.40	2.00	F26130	1.44	45	0		0.6' qv
						371.40	376.40	5.00	F26131	0.20		0		
						376.40	381.40	5.00	F26132	0.08	0	0		
						381.40	386.40	5.00	F26133	0.07	5	0		
						386.40	391.40	5.00	F26134	0.13	2	0		
						391.40	396.40	5.00	F26135	0.07	1	0		
						396.40	401.40	5.00	F26136	0.01		0		
						401.40	406.40	5.00	F26137	0.12	2	0		
						406.40	411.40	5.00	F26138	0.01		0		
						411.40	416.40	5.00	F26139	0.02	0	0		
						416.40	421.40	5.00	F26140	0.15	4	0		
						421.40	426.40	5.00	F26141	0.16	18	0		0.8' qv
						426.40	431.40	5.00	F26142	0.05	1	0		
						431.40	436.40	5.00	F26143	0.10	1	0		
						436.40	441.40	5.00	F26144	0.10	0	0		
						441.40	443.40	2.00	F26145	0.33	35	0		0.7' qv

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU GIT	% Qtz	% Py	% Aspy	Remarks
443.40	448.40					443.40	448.40	5.00	F26146	0.22	2	0		
448.40	453.40					448.40	453.40	5.00	F26147	0.08	1	0		
453.40	457.40					453.40	457.40	4.00	F26148	0.26	1	0		
457.40	461.40					457.40	461.40	4.00	F26149	0.86	12	0		qs's, tm
461.40	466.40					461.40	466.40	5.00	F26150	0.21	0	0		
466.40	471.40					466.40	471.40	5.00	F26151	0.15	3	0		
471.40	476.40					471.40	476.40	5.00	F26152	0.05	7	0		
476.40	481.40					476.40	481.40	5.00	F26153	0.40	0	0		
481.40	486.40					481.40	486.40	5.00	F26154	0.18	0	0		
486.40	491.40					486.40	491.40	5.00	F26155	0.09	1	0		
491.40	496.40					491.40	496.40	5.00	F26156	0.28	1	0		
496.40	501.40					496.40	501.40	5.00	F26157	0.24	1	0		
501.40	506.40					501.40	506.40	5.00	F26158	0.05	2	0		
506.40	511.40					506.40	511.40	5.00	F26159	0.10	0	0		
511.40	516.40					511.40	516.40	5.00	F26160	0.08	2	0		
516.40	520.00					516.40	520.00	3.60	F26161	0.06	6	0		
520.00	525.00					520.00	525.00	5.00	F26162	0.06	6	0		
525.00	530.00					525.00	530.00	5.00	F26163	0.01		0		
530.00	535.00					530.00	535.00	5.00	F26164	0.04	0	0		
535.00	540.00					535.00	540.00	5.00	F26165	0.03		0		
540.00	542.00					540.00	542.00	2.00	F26166	0.01		0		
542.00	545.00					542.00	545.00	3.00	F26167	0.29	4	1		
545.00	547.00					545.00	547.00	2.00	F26168	0.04	2	0		
547.00	552.00					547.00	552.00	5.00	F26169	0.01		0		
552.00	557.00					552.00	557.00	5.00	F26170	0.01	2	0		
557.00	562.00					557.00	562.00	5.00	F26171	0.01		0		
562.00	567.00					562.00	567.00	5.00	F26172	1.04	1	0		
567.00	572.00					567.00	572.00	5.00	F26173	0.39	1	0		
572.00	577.00					572.00	577.00	5.00	F26174	0.05	12	0		
577.00	582.00					577.00	582.00	5.00	F26175	0.01	1	0		
582.00	587.00					582.00	587.00	5.00	F26176	0.05	2	0		
587.00	592.00					587.00	592.00	5.00	F26177	0.02		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
592.00	597.00					592.00	597.00	5.00	F26178	0.05	2	0		
597.00	602.00					597.00	602.00	5.00	F26179	0.01	1	0		
602.00	607.00					602.00	607.00	5.00	F26180	0.01		0		
607.00	611.00					607.00	611.00	4.00	F26181	0.02	4	0		
611.00	616.00					611.00	616.00	5.00	F26182	0.19		0		
616.00	620.00					616.00	620.00	4.00	F26183	0.02	2	0		
620.00	624.00					620.00	624.00	4.00	F26184	0.01		0		
624.00	629.00					624.00	629.00	5.00	F26185	0.08	4	0		
629.00	634.00					629.00	634.00	5.00	F26186	0.01		0		
634.00	639.00					634.00	639.00	5.00	F26187	0.01		0		
639.00	656.30					639.00	656.30	17.30						
656.30	660.00					656.30	660.00	3.70	F26188	0.08	6	0		
660.00	663.00					660.00	663.00	3.00	F26189	0.08	12	0		
663.00	666.00					663.00	666.00	3.00	F26190	0.38	8	0		
666.00	671.00					666.00	671.00	5.00	F26191	0.67	2	0		
671.00	674.00					671.00	674.00	3.00	F26192	0.04	15	0		
674.00	677.50					674.00	677.50	3.50	F26193	0.14	7	0		
677.50	680.50					677.50	680.50	3.00	F26194	0.01	5	0		
680.50	683.50					680.50	683.50	2.80	F26195	0.07	6	1		
683.50	686.50					683.50	686.50	3.00	F26196	1.31	3	2		
686.50	689.50					686.50	689.50	3.00	F26197	0.07	1	0		
689.50	692.50					689.50	692.50	3.00	F26198	0.03		0		
692.50	754.60					692.50	754.60	62.30						EOH.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-44	271.8	278	6.87					Main			



42A10SW2029

2.24187

MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-15	13384	5423	10895	380.6	3/26/02	EZ Shot	BQ	S. Harding	S	Hopson	L3+50W.2+00N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-48	13384.00	5423.00	10895.00	
140.00	348	-47	13358.05	5513.71	10791.79	
370.00	348	-47	13325.44	5667.14	10623.57	

Mining Claim: P546620
 Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled
 Signed by: S. Harding

Start Date	End Date
3/23/02	3/24/02

Feet					Feet									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	99.20	OB				0.00	99.20	99.20						OB
99.20	105.10	1fu	95	60	green,str fuch,mn rust at lower cnt,2% qs	99.20	103.10	3.90	F26962	0.08	3	0		
105.10	111.00	7bn,se,Py	100	60	grey/olive green,tr-wk se,mn wk rust patches,7% qs,8% py,loc tr cpy	103.10	105.10	2.00	F26963	0.84	0	0		
111.00	140.70	1fu	95	60	green-mn grey/green,mod-str fuch,10% rust patches,5% predom flat qs	105.10	107.00	1.90	F26964	1.08	8	7		
140.70	143.20	8fp,se,PY	100	70	grey/olive green,tr-wk se,5% qs,10% py,tr cpy	107.00	109.00	2.00	F26965	0.75	6	8		
143.20	151.20	7bn,se,Py	100	75	finer grained,olive green/grey,wk se,3% qs,6% py	109.00	111.00	2.00	F26966	0.93	8	8		
151.20	159.80	8fp,Se,Py	100	70	olive green,wk-mod se,rust at lower cnt,4% qs,7% py	111.00	113.00	2.00	F26967	0.16	1	0		
159.80	171.50	1fu	90	60	grey/green-green,loc wk-str fuch,25% rust patches,1-2% qs	113.00	118.00	5.00	F26968	0.03	6	0		flat qs
171.50	175.20	7,Se	95	70	lt olive green,mod se,tr-wk fuch spks,mn rust incl lower cnt,6% qs,tr py	118.00	123.00	5.00	F26969	0.06	8	0		flat qs
175.20	178.70	1fu	80	70	green,mod-str fuch,mn rust,2% qs	123.00	128.00	5.00	F26970	0.07	0	0		
178.70	186.20	8fp,se,Py	100	50	pink-olive green/grey,loc tr-wk se,mod se at cnts,3% qs,5% py	128.00	133.00	5.00	F26971	0.05	2	0		
186.20	216.50	7,Se	95	60	lt olive green/tan,mod se,wk fuch spks,loc mn 1fu frags,20% rust patches,5% qs,tr py	133.00	138.00	5.00	F26972	0.50	8	0		flat qs's
216.50	222.10	1fu	100	30	grey/green-green,mod fuch,15% rust patches,4% qs	138.00	140.70	2.70	F26973	0.02	4	0		
222.10	224.10	7,Se	90	50	olive green,mod-str se,wk rust at cnts,5% qs,tr py	140.70	143.20	2.50	F26974	3.52	5	10		
224.10	239.70	1cb,fu	100	40	grey/green-grey,loc tr-mod fuch,mn rust patches,3% qs,0,8' dyke @ 238.7'	143.20	145.20	2.00	F26975	1.36	5	8		
239.70	241.80	7,se	80	50	grey/green,wk se,90% rust,6% qcbs,tr py	145.20	147.20	2.00	F26976	0.75	4	8		
241.80	247.50	1cb,fu	80	50	grey/green,tr-wk fuch,30% rust patches,tr qs	147.20	149.20	2.00	F26977	0.28	3	5		
						149.20	151.20	2.00	F26978	0.36	1	4		
						151.20	153.20	2.00	F26979	1.27	4	8		
						153.20	155.20	2.00	F26980	3.70	2	7		
						155.20	157.20	2.00	F26981	1.41	8	8		
						157.20	159.80	2.60	F26982	3.47	3	7		
						159.80	161.80	2.00	F26983	0.17	1	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
247.50	252.50	2.p.bl	100	60	tan.wk-mod bl.mn ch at end.mn cb.rust at top ent.2% qs.tr py	161.80	166.00	4.20	F26984	0.74	4	0		
252.50	267.00	2.p.ch.cb	95	60	grey/green,mn tan.loc wk bl.wk-mod ch,wk cb.wk rust in lower 2'.tr qs	166.00	169.50	3.50	F26985	0.01	2	0		
267.00	270.60	1cb.tc	40	40	gre-grey/green.blocky.mn rust.wk cb,mn ch,sm flt @ 269'	169.50	171.50	2.00	F26986	0.16	0	0		
270.60	272.00	FZ.LC	0		90% lost core.10% gouge/broken core	171.50	175.20	3.70	F26987	0.12	6	0		
272.00	380.60	1tc	100	40	grey.mn cb/rust at top,1' & 2' mafic dykes from 295- 300'.EOH.	175.20	178.70	3.50	F26988	0.06	2	0		
						178.70	181.20	2.50	F26989	0.69	3	7		
						181.20	183.70	2.50	F26990	0.42	4	4		
						183.70	186.20	2.50	F26991	0.19	1	3		
						186.20	189.20	3.00	F26992	0.09	0	0		
						189.20	192.20	3.00	F26993	0.09	1	0		
						192.20	195.20	3.00	F26994	0.11	4	0		
						195.20	198.20	3.00	F26995	0.06	0	0		
						198.20	201.20	3.00	F26996	0.05	1	1		
						201.20	204.20	3.00	F26997	0.14	6	1		
						204.20	207.20	3.00	F26998	0.22	7	1		
						207.20	210.20	3.00	F26999	0.01	18	0		
						210.20	213.20	3.00	F27000	0.02	5	0		
						213.20	216.50	3.30	F27001	0.03	10	0		
						216.50	219.50	3.00	F27002	0.09	4	0		
						219.50	222.10	2.60	F27003	0.37	4	0		
						222.10	224.10	2.00	F27004	0.01	5	0		
						224.10	227.10	3.00	F27005	0.01	7	0		
						227.10	232.10	5.00	F27006	0.01	0	0		
						232.10	237.10	5.00	F27007	0.06	0	0		
						237.10	239.70	2.60	F27008	0.02	2	0		0.8' dyke
						239.70	241.80	2.10	F27009	0.01	5	0		
						241.80	244.50	2.70	F27010	0.01	0	0		
						244.50	247.50	3.00	F27011	0.04	0	0		
						247.50	250.50	3.00	F27012	0.07	3	1		
						250.50	253.50	3.00	F27013	0.03	0	0		
						253.50	257.50	4.00	F27014	0.09	2	0		
						257.50	262.50	5.00	F27015	0.01	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						262.50	267.00	4.50	F27016	0.01		0		
						267.00	270.80	3.80	F27017	0.01		0		
						270.80	272.00	1.20						LC.FZ
						272.00	277.00	5.00	F27018	0.07	1	0		
						277.00	380.60	103.60						EOIL



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2.24187

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-46	13339	5403	10895	321.5	4/1/02	EZ Shot	BQ	S.Wilson	S	Hopson	14+00W 2+00N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-45	13339.00	5403.00	10895.00	
140.00	348	-15	13311.78	5497.93	10796.01	
320.00	346	-45	13283.15	5621.93	10668.73	

Mining Claim: P546620

Start Date	End Date
3/24/02	3/25/02

Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled
 Signed by: Stan Wilson

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	97.00	OB				0.00	97.00	97.00						ob
97.00	120.60	1fu	90	75	green, str fuch, 20% rusty patches, 10% irreg qs from 115'	97.00	100.90	3.90	F27246	0.03		1		
120.60	124.70	7bn,se,Py	60	75	gray to buff bn, 15% qs, 8% py, mn rusty patches	100.90	105.00	4.10	F27247	0.01		1		
124.70	130.70	1fu	30	40	lt olive green, mn fu, 75% rusty from 126', 5% qs, 3% py	105.00	109.00	4.00	F27248	0.01		1		
130.70	133.80	FZ	0	55	rusty gravel sized rbl, loc go, 2@ qtz	109.00	112.50	3.50	F27249	0.01	2	1		
133.80	149.80	7bn,se,Py	80	65	buff bn, wk se, low angle qs, 8% py	112.50	115.10	2.60	F27250	0.01	2	1		
149.80	164.00	1fu	50	50	green, str fuch, 60% rusty, mn qs	115.10	118.50	3.40	F27251	0.10	3	1		
164.00	164.60	fz	0	20	flat flt, 50% qtz.	118.50	120.60	2.10	F27252	0.04	8	1		
164.60	173.90	1fu	30	80	green, str fuch, 75% rusty, mn qs, low angle sh	120.60	122.60	2.00	F27253	0.38	15	8		qstrs
173.90	183.10	7bn,se,py	50	68	buff bn, mn qs, 30% rusty, 3" 1fu @ downhole end	122.60	124.70	2.10	F27254	0.16	10	10		qstrs
183.10	186.60	8fp,se,Py	70	45	pink, 10% Py in seams/dissemin, wk se	124.70	128.00	3.30	F27255	0.20	8	1		
186.60	195.70	7bn,Se	60	64	lt olive green/buff, mod se, loc sin fu'c frags/streaks, 30% rusty, mn qs, m py	128.00	131.00	3.00	F27256	0.84	3	1		
195.70	195.80	fz	80	55	bx'd, qc crack seal, 1/2" qtz, rusty	131.00	133.10	2.10	F27257	1.22	2	1		flt rhl
195.80	202.00	7bn,se	50	50	lt olive green to tan, m py, tr qc	133.10	136.70	3.60	F27258	3.28	10	8		flat qtrs
202.00	216.60	2,p,cb,cb	60	60	loc bl to dk green-gray, mod-wk chl, 10% flat qcstrs, loc rusty, vr'c	136.70	139.40	2.70	F27259	0.93	5	8		
216.60	220.40	1cb,tc	80	80	gray-green, blocky, mn rust	139.40	142.50	3.10	F27260	0.19	3	5		
220.40	245.60	1tc,cb	50	70	dk olive green-gray: 221.1 shp flt@40d	142.50	144.50	2.00	F27261	2.64	2	8		
245.60	246.80	QCV		40	13" qtz-calc, chl'c, wkly bx'd	144.50	147.00	2.50	F27262	0.76	2	8		
246.80	288.80	1tc,cb	90	65	dk gray-green, wk cb, 3" qcb@248.6'	147.00	149.80	2.80	F27263	3.19	2	10		
288.80	290.20	qcz	50	50	carb-qtz interflow, lam, bx'd	149.80	152.80	3.00	F27264	0.07	1			
290.20	321.50	1cb,tc	90	85	steel gray, wispy ca vnlt 3%; EOH.	152.80	155.80	3.00	F27265	1.23	1			
						155.80	159.00	3.20	F27266	0.04				
						159.00	163.00	4.00	F27267	0.22	10	1		flat qs

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						163.00	166.30	3.30	F27268	0.47	20	0		qstrs
						166.30	170.30	4.00	F27269	0.05	1	1		
						170.30	173.40	3.10	F27270	0.18	1			
						173.40	175.40	2.00	F27271	1.56	10	3		flat q's
						175.40	178.10	2.70	F27272	0.77	1	3		
						178.10	180.60	2.50	F27273	0.23		2		
						180.60	182.90	2.30	F27274	0.43		2		
						182.90	183.80	0.90	F27275	1.13	10	5		qs
						183.80	186.60	2.80	F27276	0.83		10		
						186.60	188.80	2.20	F27277	0.32		2		
						188.80	190.80	2.00	F27278	0.04		2		
						190.80	192.80	2.00	F27279	0.17		2		
						192.80	195.20	2.40	F27280	0.01		1		
						195.20	195.80	0.60	F27281	0.04	15	2		qstrs
						195.80	198.00	2.20	F27282	0.01		0		
						198.00	202.00	4.00	F27283	0.02				
						202.00	207.00	5.00	F27284	0.03				
						207.00	211.00	4.00	F27285	0.02	5			
						211.00	215.00	4.00	F27286	0.01	10			flat qs
						215.00	219.00	4.00	F27287	0.06	5			flat qs
						219.00	223.00	4.00	F27288	0.02	2			
						223.00	228.00	5.00	F27289	0.03	2			
						228.00	233.00	5.00	F27290	0.01	2			
						233.00	238.00	5.00	F27291	0.01				
						238.00	243.00	5.00	F27292	0.01				
						243.00	245.60	2.60	F27293	0.01				
						245.60	246.80	1.20	F27294	0.03	90			QCV
						246.80	248.80	2.00	F27295	0.01				
						248.80	249.80	1.00	F27296	0.02	25			3" qcv
						249.80	251.30	1.50	F27297	0.01				
						251.30	256.30	5.00	F27298	0.03				
						256.30	288.80	32.50						

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						288.80	290.20	1.10	F27299	0.02				qtz-ch
						290.20	321.50	31.30						Eoh



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Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-17	13339	5403	10895	705.4	3/28/02	FZ Shot	BQ	S. Harding	S	Hopson	L4+00W.2+00N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	0	-90	13339.00	5403.00	10895.00	
100.00	60	-89	13339.76	5403.44	10795.01	
280.00	69	-88	13344.05	5405.35	10615.08	
450.00	69	-88	13349.59	5407.47	10445.18	
620.00	60	-88	13354.93	5410.02	10275.28	

Mining Claim: **P546620**

Start Date	End Date
3/25/02	3/27/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	48.20	OB				0.00	48.20	48.20						OB
48.20	58.80	1fu	90	30	grey/green-green, wk-mod fuch, 25% rust patches, 5% qs, tr-1% py	48.20	58.80	10.60						Load test
58.80	70.10	7bn, qs, Py	90	65	grey-mn olivc green/grey, loc tr-wk se, loc mn rust incl cnts, 10% qs, 5% py, loc tr cpy	58.80	60.80	2.00	F27099	0.36	5	5		
70.10	74.40	1fu	95	30	green, mod-str fuch, 25% rust patches, 4% qs, 1% py, 4" 7bn @ 71.2'	60.80	62.80	2.00	F27100	0.22	15	4		
74.40	76.70	7bn, si	100	50	lt grey/tan, wk si, mn se, mn rust in middle, 8% qs, 2% py	62.80	64.80	2.00	F27101	0.77	8	6		
76.70	77.50	1fu	100	35	green, str fuch, 8% qs	64.80	67.30	2.50	F27102	1.20	8	5		
77.50	78.40	7bn, Py	95	65	grey, rust at lower cnt, 2% qs, 8% py	67.30	70.10	2.80	F27103	0.04	12	5		
78.40	83.70	1fu	100	30	lt green, mod-str fuch, 40% rust patches, 3% qs	70.10	72.10	2.00	F27104	6.81	5	3		4" 7bn
83.70	84.80	7	100	30	grey, tr fuch/se, 1.5" qs, tr py	72.10	74.40	2.30	F27105	2.50	4	0		
84.80	111.00	1fu	95	30	green, mod-str fuch, 10% rust patches, motl/ps, 2% qs	74.40	76.70	2.30	F27106	5.35	8	2		
111.00	118.20	1cb, fu	80	30	grey/green, tr-wk fuch, wk ch, 60% rust	76.70	78.70	2.00	F27107	1.68	5	6		0.9' 7bn
118.20	133.40	2, bl, cb, ch	95	40	mafic?, grey-grey/green, wk bl, loc wk ch, wk cb, mn rust, tr-1% qcbs	78.70	80.70	2.00	F27108	1.51	4	0		
133.40	136.00	1cb, fu	100	40	grey/green, tr-wk fuch, 15% rust patches	80.70	83.70	3.00	F27109	0.19	3	0		
136.00	139.00	2, bl, cb	90	30	tan/grey, wk-mod bl, wk cb, mn se/fuch spks, 15% rust, 7% qs, 3% py	83.70	85.20	1.50	F27110	0.39	10	0		1.1' dyke
139.00	166.00	1cb, fu	95	30	grey-grey/green, loc tr-mod fuch, 35% rust patches, tr-1% qs, 5" qv @ 158'	85.20	88.20	3.00	F27111	0.11	6	0		
166.00	168.30	1fu	80	30	lt green, str fuch, 80% rust	88.20	93.20	5.00	F27112	0.02	0	0		
						93.20	98.20	5.00	F27113	0.17	5	0		2.5" qs
						98.20	103.20	5.00	F27114	0.28		0		
						103.20	108.20	5.00	F27115	0.22	2	0		
						108.20	113.20	5.00	F27116	0.07	2	0		
						113.20	118.20	5.00	F27117	0.02		0		

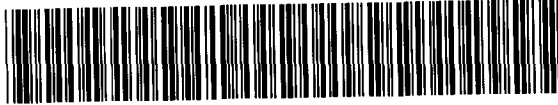
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
168.30	173.90	7bn.qs.Py.vg	100	60	grey, 20% qs 8% py, tr cpy, 0.5' qv at end, tr vg in qs @ 170.9, 172.6 & 172.8'	118.20	121.10	3.20	F27118	0.01		0		
173.90	269.00	1fu	100	40	green-mn grey/green, mod-str fuch, loc mn tr-wk fuch, 10% rust patches, 4% qs/qv < 5" wide loc w/ tm	121.40	125.40	1.00	F27119	0.01	1	0		
269.00	323.50	1cb, fu	100	35	grey-grey/green, loc tr-mod fuch, 20% rust patches, 2-3% qs < 2" wide	125.10	129.40	4.00	F27120	0.01	1	0		
323.50	330.50	1fu, bl	95	35	grey/green, mod fuch loc bl patches w/ wk fuch, 5% qs, tr-1% py, loc tr cpy, 4.5" qv @ 324.4'	129.40	133.40	4.00	F27121	0.14	0	0		
330.50	351.00	1fu, cb	100	30	grey/green, wk-mod fuch, mn bl patches, 20% rust patches, 6% qs/qv < 4" wide	133.40	136.00	2.60	F27122	0.02	1	0		
351.00	370.00	1cb, fu	100	30	grey-grey/green, loc tr-wk fuch, 10% rust patches, tr-1% qs	136.00	139.00	3.00	F27123	0.36	7	3		
370.00	448.00	1fu	100	30	green-mn grey/green, mod-str fuch w/ mn wk fuch patches, 10% rust patches, 4% qv/qs < 5" wide	139.00	142.00	3.00	F27124	0.01	0	0		
448.00	484.00	1cb, fu	95	30	grey/green-grey, loc tr-wk fuch, 18% rust patches, 1% qs	142.00	147.00	5.00	F27125	0.01	0	0		
484.00	508.50	1fu	95	30	green-grey/green, mod-str fuch w/ mn wk fuch patches, 5% rust patches, 3-4% qs/qv	147.00	152.00	5.00	F27126	0.03		0		
508.50	510.50	7bn.qs.Py.vg	100	60	grey, tr se, 8% tiny qs, 8% py, tr vg in qs @ 508.6 & 509.4', 0.5" qs at lower cut	152.00	157.00	5.00	F27127	0.01	1	0		
510.50	523.00	1cb, fu	95	30	grey/green, tr-mod fuch, 1-2% qs, 520.4-522.8' rust w/ 0.4' blocky core in middle	157.00	162.00	5.00	F27128	0.09	12	0		5" qv
523.00	525.30	7bn.se, 1fu	100	50	olive green/grey, tr-wk se, 25% fuch frags at end, 8% qs, tr py	162.00	166.30	4.30	F27129	0.01		0		
525.30	541.40	1cb, fu	100	30	grey-grey/green, tr-wk fuch, 2% qs	166.30	168.30	2.00	F27130	0.34		0		
541.40	560.00	8fp.se, qs, Py	100	40	olive green/grey, tr-wk se, 10% qs < 1" wide, 6% py	168.30	170.30	2.00	F27131	14.85	8	8		
560.00	575.00	1fu	100	30	grey/green-green, wk-mod fuch, 1-2% qs	170.30	171.90	1.60	F27132	48.52	15	10		vg in qs
575.00	582.50	1cb, fu	100	30	grey/green, tr-wk fuch, 0.3' & 0.5' bl dykes	171.90	173.90	2.00	F27133	40.12	60	8		2 x vg/qs
582.50	598.60	1fu	100	30	grey/green-green, mod-str fuch, 3% qs	173.90	176.00	2.10	F27134	0.79	20	0		flat qs
598.60	615.00	8fp, Se, qs	100	60	olive green-olive green/grey, wk-mod se, 15% fuch patches/frags, 10% qs < 3" wide, 3% py	176.00	179.00	3.00	F27135	0.13	0	0		
615.00	635.60	8fp, qs, Py	95	60	75% lt pink/grey w/ loc tr-wk se, 25% olive green/grey w/ mod se, mn ch at end, 15% qs, 8% py	179.00	184.00	5.00	F27136	0.05		0		
635.60	644.00	1tc, cb, ch	95	30	grey-grey/green, wk-mod ch at top, tr-wk cb, 5% qs	184.00	189.00	5.00	F27137	0.50	1	0		
644.00	705.40	1tc	100	30	grey, mn cb at top, EOH.	189.00	194.00	5.00	F27138	0.04	1	0		
						194.00	199.00	5.00	F27139	0.17	3	0		
						199.00	204.00	5.00	F27140	0.13	1	0		
						204.00	209.00	5.00	F27141	0.28	5	0		
						209.00	214.00	5.00	F27142	0.34	1	0		
						214.00	219.00	5.00	F27143	0.11	10			3" qs, tm
						219.00	224.00	5.00	F27144	0.08	7	0		2" qs, tm
						224.00	229.00	5.00	F27145	0.06	8			4" qs, tm
						229.00	234.00	5.00	F27146	0.11	1	0		
						234.00	239.00	5.00	F27147	0.42	2	0		
						239.00	244.00	5.00	F27148	0.07		0		
						244.00	249.00	5.00	F27149	0.07	7	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						249.00	254.00	5.00	F27150	0.17	12	0		5" qv
						254.00	259.00	5.00	F27151	0.26	1	0		
						259.00	264.00	5.00	F27152	0.14	6	0		
						264.00	269.00	5.00	F27153	0.01	6	0		
						269.00	274.00	5.00	F27154	0.04		0		
						274.00	279.00	5.00	F27155	0.54	7	0		
						279.00	284.00	5.00	F27156	0.20	5	0		
						284.00	289.00	5.00	F27157	0.08	8	0		
						289.00	294.00	5.00	F27158	0.25	0	0		
						294.00	299.00	5.00	F27159	0.01	1	0		
						299.00	304.00	5.00	F27160	0.07		0		
						304.00	309.00	5.00	F27161	0.03	2	0		
						309.00	314.00	5.00	F27162	0.09	1	0		
						314.00	319.00	5.00	F27163	0.05	3	0		
						319.00	323.50	4.50	F27164	0.01	1	0		
						323.50	327.00	3.50	F27165	1.44	13	1		4.5" qv
						327.00	330.50	3.50	F27166	1.19	7	0		
						330.50	334.00	3.50	F27167	0.14	7	0		
						334.00	339.00	5.00	F27168	0.01	0	0		
						339.00	344.00	5.00	F27169	0.16	5	0		
						344.00	349.00	5.00	F27170	1.44	13	0		4" qv
						349.00	354.00	5.00	F27171	0.07		0		
						354.00	359.00	5.00	F27172	0.03		0		
						359.00	364.00	5.00	F27173	0.04	2	0		
						364.00	369.00	5.00	F27174	0.01	1	0		
						369.00	374.00	5.00	F27175	0.04	2	0		
						374.00	379.00	5.00	F27176	0.14	6	0		
						379.00	384.00	5.00	F27177	0.24	3	0		
						384.00	389.00	5.00	F27178	0.06	2	0		
						389.00	394.00	5.00	F27179	0.23	3	0		
						394.00	399.00	5.00	F27180	0.09	4	0		
						399.00	404.00	5.00	F27181	0.14		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
101.00	409.00					101.00	409.00	5.00	F27182	0.07	4	0		
409.00	414.00					409.00	414.00	5.00	F27183	0.06	1	0		
414.00	419.00					414.00	419.00	5.00	F27184	0.08	12	0		4.5" qv
419.00	424.00					419.00	424.00	5.00	F27185	0.05	0	0		
424.00	429.00					424.00	429.00	5.00	F27186	0.07	5	0		
429.00	434.00					429.00	434.00	5.00	F27187	0.03	7	0		
434.00	439.00					434.00	439.00	5.00	F27188	0.15	7	0		
439.00	444.00					439.00	444.00	5.00	F27189	0.33	3	0		
444.00	449.00					444.00	449.00	5.00	F27190	0.67	2	0		
449.00	454.00					449.00	454.00	5.00	F27191	0.03	3	0		
454.00	459.00					454.00	459.00	5.00	F27192	0.01		0		
459.00	464.00					459.00	464.00	5.00	F27193	0.01	0	0		
464.00	469.00					464.00	469.00	5.00	F27194	0.17	2	0		
469.00	474.00					469.00	474.00	5.00	F27195	0.01	1	0		
474.00	479.00					474.00	479.00	5.00	F27196	0.01	2	0		
479.00	484.00					479.00	484.00	5.00	F27197	0.01	0	0		
484.00	489.00					484.00	489.00	5.00	F27198	0.02	1	0		
489.00	494.00					489.00	494.00	5.00	F27199	0.10	5	0		2.5" qs
491.00	499.00					491.00	499.00	5.00	F27200	0.03	0	0		
499.00	504.00					499.00	504.00	5.00	F27201	0.05	3	0		2" qs
504.00	506.50					504.00	506.50	2.50	F27202	0.08	15	0		4" qv
506.50	508.50					506.50	508.50	2.00	F27203	0.19	2	0		
508.50	510.50					508.50	510.50	2.00	F27204	5.73	8	8		2 x vg/qs
510.50	512.50					510.50	512.50	2.00	F27205	1.95	2	0		
512.50	516.50					512.50	516.50	4.00	F27206	0.03		0		
516.50	520.00					516.50	520.00	3.50	F27207	0.01	3	0		
520.00	523.00					520.00	523.00	3.00	F27208	0.01	1	0		
523.00	525.50					523.00	525.50	2.50	F27209	0.03	8	0		
525.50	528.40					525.50	528.40	2.90	F27210	0.01	7	0		
528.40	533.40					528.40	533.40	5.00	F27211	0.15	0	0		
533.40	538.40					533.40	538.40	5.00	F27212	0.08	1	0		
538.40	541.40					538.40	541.40	3.00	F27213	0.43	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						511.40	514.40	3.00	F27214	0.99	7	5		
						544.40	547.40	3.00	F27215	0.62	7	6		
						547.40	550.40	3.00	F27216	1.27	10	6		
						550.40	553.40	3.00	F27217	1.16	5	6		
						553.40	556.40	3.00	F27218	1.19	18	7		
						556.40	560.00	3.60	F27219	0.76	7	6		
						560.00	562.00	2.00	F27220	0.07	6	0		
						562.00	567.00	5.00	F27221	0.02		0		
						567.00	572.00	5.00	F27222	0.01	1	0		
						572.00	577.00	5.00	F27223	0.35	2	0		
						577.00	582.00	5.00	F27224	0.01		0		
						582.00	587.00	5.00	F27225	0.39	4	0		
						587.00	592.00	5.00	F27226	0.01	0	0		
						592.00	596.60	4.60	F27227	0.03	1	0		
						596.60	598.60	2.00	F27228	0.02	5	0		
						598.60	601.60	3.00	F27229	0.97	12	5		
						601.60	604.60	3.00	F27230	1.09	18	3		
						604.60	607.60	3.00	F27231	0.94	8	1		
						607.60	610.60	3.00	F27232	0.18	13	1		
						610.60	613.60	3.00	F27233	1.23	10	3		
						613.60	616.60	3.00	F27234	1.06	6	5		
						616.60	619.60	3.00	F27235	0.33	13	6		
						619.60	622.60	3.00	F27236	0.42	22	8		
						622.60	625.60	3.00	F27237	1.09	13	8		
						625.60	628.60	3.00	F27238	0.71	8	8		
						628.60	631.60	3.00	F27239	0.21	20	8		
						631.60	633.60	2.00	F27240	0.88	7	8		
						633.60	635.60	2.00	F27241	0.01	25	7		
						635.60	637.60	2.00	F27242	0.23	8	1		
						637.60	642.60	5.00	F27243	0.09	4	0		
						642.60	647.60	5.00	F27244	0.13	5	0		
						647.60	652.60	5.00	F27245	0.03		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
						652.60	705.40	52.80						EOL



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MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-48	13725	5380	10902	597	Apr 3 02	FZ Shot	BQ	S. Wilson	S	Hopson	L0+50W,0+30N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Mining Claim: P546620, 12579		Start Date	End Date	
0.00	340	-55	13725.00	5380.00	10902.00			3/28/02	3/29/02		
50.00	342	-55	13715.66	5407.11	10861.04		Drill Contractor: NDS Drilling				
220.00	345	-55	13687.98	5500.57	10721.79		Storage Location of Core: N/A Whole Core Sampled				
430.00	345	-56	13657.20	5615.46	10548.73						
590.00	346	-56	13634.80	5702.08	10416.08						

Signed by:

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	6.00	OB				0.00	6.00	6.00						OB
6.00	57.40	2,m.cb	80	50	med gray,mg to 36' then gray-green, loc wk ch, wk cb, tr qs	6.00	149.50	143.50						ns
57.40	99.40	1tc.cb	95	85	dk gray,mod cb,ak pblasts,mn rust,becomes wk cb at 94'	149.50	154.50	5.00	F27451	0.03	2			
99.40	118.10	2fe,m,ch	90	45	dk green, mod lx, 1" diabase along core axis,from 114'	154.50	156.50	2.00	F27452	0.16	5			
118.10	156.50	1cb,tc	90	67	dk gray, mn tc.loc hi cb, an pblasts, mn rust, 1fu from 155.2	156.50	158.50	2.00	F27453	3.05	5	3		qs
156.50	170.30	7bn,se,Py	60	65	buff bn, mn rusty patches, 1% qs, mod to fair se. 5% py, rbl on down-hole cnt.	158.50	160.50	2.00	F27454	1.74	5			
170.30	178.90	1fu.cb	20	15	90%rusty w/ flat slips along core, olive green	160.50	162.50	2.00	F27455	0.47	1	2		qstr
178.90	180.30	QV	50	40	wh qtz 90%, mn tmk, tr fu, ch on cnts	162.50	164.50	2.00	F27456	0.04	1	2		qstr
180.30	199.20	1fu.cb	80	42	olive green. 40% rusty, mod-str fuch, 1.1' w qtz-bx.ch @182.7,55d	164.50	166.50	2.00	F27457	0.01	1	3		qstr
199.20	207.00	7bn,se,Py	80	75	lt buff bn.loc crse eu py, mn qs, wk se	166.50	170.30	1.80	F27459	1.06	5			
207.00	216.40	7bn,se,py	60	40	dk grey-bn,2% py, mn qs, becoming wkly bx'd w/rbl on lower cnt,flt @40d	170.30	172.30	2.00	F27460	0.05	1			
216.40	218.10	1cb,fz	0	30	rusty, flt at lower cnt@30d	172.30	176.80	4.50	F27461	0.01	2			
218.10	221.80	7bn,se,py,bx	0	15	dk gry-bn, heavily frac'd, 3% py, 3% qs,flt'd lower cnt @15d TCA	176.80	178.70	1.90	F27462	0.01	3			
221.80	224.30	FZ,1cb	0	15	intermixed flt bx/rusty 1cb, mult sh faces from 10-60d TCA	178.70	180.30	1.60	F27463	0.01	80			qv
224.30	260.50	1cb	80	70	dk gray, wk patchy rust thru, wk ch to 237, an pblasts, wk fu from 259	180.30	182.80	2.50	F27464	0.35	2			
						182.80	184.30	1.50	F27465	0.10	90			qv
						184.30	187.80	3.50	F27466	0.07	5	1		qstr
						187.80	192.80	5.00	F27467	0.11				
						192.80	197.40	4.60	F27468	0.18	1			
						197.40	199.20	1.80	F27469	0.62	1			10% 7bn

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
260.50	265.10	7bn,se,py	60	58	buff bn,wk loc rust. <1% qs, mn py	199.20	201.00	1.80	F27470	24.36	12	10		qs
265.10	289.00	1cb,tc,ch	80	56	dk blue-gray, 5% irreg cb str, loc ch, mn rust	201.00	203.40	2.40	F27471	13.37	5	8		qs
289.00	310.30	1cb,fu	80	85	med gray w/wkly fu'c zones, wkly cb, 3% qs, loc mod bl/3% py, mod fu at lower ct	203.40	205.20	1.80	F27472	0.69	1	1		
						205.20	207.00	1.80	F27473	0.03	1	2		
310.30	312.70	7bn,se,py	80	85	buff bn, mon se, 10% qs, 2% cg py	207.00	209.00	2.00	F27474	0.06	2	3		
312.70	316.70	1fu,cb	90	80	olive green,mod rusty thru, heavy rust at cnts, mn qs	209.00	211.00	2.00	F27475	0.41	1	5		
316.70	329.10	7bn,se,Py	60	75	lt buff bn on margins to med gray in middle, to 15% py loc, 10% qs, wkly sh'd @ 15-30d. 320.8-flt@25	211.00	213.30	2.30	F27476	0.18	1	3		
						213.30	216.40	3.10	F27477	0.02		1		
329.10	370.70	1fu	80	75	lt apple green, wk-mod fuch,grading into 1cb,from 368'	216.40	218.10	1.70	F27478	0.22				tz
370.70	370.90	FLT		20	rusty, leached, fairly tight	218.10	220.00	1.90	F27479	0.58	2	3		tz
370.90	401.00	1fu,cb,se	90	50	apple green, mod to str fu, patches se'c, 2% qs	220.00	221.80	1.80	F27480	0.15	2	1		tz
401.00	408.30	1fu	90	55	lt apple green, wk fuch,1%qs,mn rusty shrs	221.80	224.40	2.60	F27481	1.11	2			
408.30	408.80	QV		36	5" wh qtz, rusty margins	224.40	226.40	2.00	F27482	0.01	3			
408.80	414.70	1fu	80	35	olive green, mod fuch, 1% qs, tr py	226.40	231.40	5.00	F27483	0.01	2			
414.70	415.50	FZ		35	9" qtz-7bn-1fu flt bx, flt plane @ 414.8	231.40	236.40	5.00	F27484	0.01	3			
415.50	431.80	7bn,se,py	90	50	med buff bn, fg, 2% vnlt, occ str, 5% py,wk loc se	236.40	241.40	5.00	F27485	0.01				
431.80	469.00	1fu,cb	80	32	olive green, mod to str fuch,well motl,mn rust	241.40	246.40	5.00	F27486	0.01	1			
469.00	512.00	1cb	90	30	grad change to dk gray-green, mn se, wk fu at upper side, mn rust, gradual cnts,45d flt @475	246.40	251.40	5.00	F27487	0.01				
512.00	519.70	1cb,fu	80	55	olive green, mod fuch,wk se,sharp cnt @55d	251.40	256.40	5.00	F27488	0.01	1			
519.70	533.10	7bn,Se,Py	80	55	lt green-bn becoming buff bn, hi ser'c seams, 5%qs predom hi angle, 5% eu/fine py,shp cnts	256.40	260.50	4.10	F27489	0.03	1			
						260.50	262.80	2.30	F27490	0.13	1	1		
533.10	537.70	1fu	90	30	olive green/blue-green, 1%py, wk-mod fuch, 537-flt@25d	262.80	265.10	2.30	F27491	0.04	1	1		
						265.10	268.00	2.90	F27492	0.01	1			
537.70	545.50	7bn,se,Py	80	40	lt beige, becoming med bn-gray, occ qtz-mn tm-ca str, 5-8%py, shp downhole cnt %40d	268.00	273.00	5.00	F27493	0.01	2			
545.50	547.40	1fu	50	58	deep olive green-gray, well motl, sh'd@28d, shp cnt	273.00	278.00	5.00	F27494	0.01	2			
547.40	548.10	7bn,se,Py	90	48	med bn-gray, si, 5%fine disem py, 1"qv w/ch,tm on lower cnt	278.00	283.00	5.00	F27495	0.01	5			
						283.00	288.00	5.00	F27496	0.01	2			
548.10	558.00	2fe,m,lx	80	35	dk gray, m, fair lx	288.00	293.00	5.00	F27497	0.01	1			
558.00	597.00	1tc,cb,ch	80	30	dk gray/green, mod chl'c, mod cb; Eoh.	293.00	296.50	3.50	F27498	0.03	1			
						296.50	300.00	3.50	F27499	0.03	4			qs
						300.00	303.70	3.70	F27500	0.01	6			wk fu
						303.70	306.20	2.50	F27408	1.92	1	3		wk bl,py

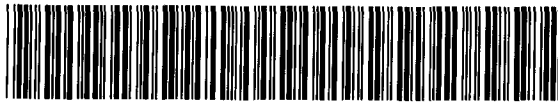
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						306.20	308.20	2.00	F27409	0.49			1	
						308.20	310.20	2.00	F27410	0.01			1	
						310.20	312.70	2.50	F27411	0.13	8	5		qs
						312.70	314.70	2.00	F27412	0.07				
						314.70	316.70	2.00	F27413	0.11	1	1		
						316.70	318.20	1.50	F27414	4.41	20	15		
						318.20	319.70	1.50	F27415	4.18	5	8		
						319.70	321.20	1.50	F27416	4.42	30	15		qstrs
						321.20	323.00	1.80	F27417	5.07	10	15		qstrs
						323.00	325.00	2.00	F27418	6.17	5	10		
						325.00	327.00	2.00	F27419	11.30	25	12		qstrs
						327.00	329.10	2.10	F27420	5.49	5	8		
						329.10	331.10	2.00	F27421	0.62	2	1		
						331.10	335.00	3.90	F27422	0.55	2	0		
						335.00	338.50	3.50	F27423	0.51	5	1		
						338.50	342.50	4.00	F27424	0.31	1			
						342.50	346.50	4.00	F27425	0.80				
						346.50	351.00	4.50	F27426	0.68				
						351.00	356.00	5.00	F27427	1.19				
						356.00	361.00	5.00	F27428	0.44				
						361.00	366.00	5.00	F27429	0.14				
						366.00	371.00	5.00	F27430	0.45	1			
						371.00	376.00	5.00	F27431	0.08				
						376.00	381.00	5.00	F27432	1.37	3			
						381.00	386.00	5.00	F27433	0.16	1			
						386.00	391.00	5.00	F27434	0.04				
						391.00	396.00	5.00	F27435	0.09	2			
						396.00	401.00	5.00	F27436	0.11	1			
						401.00	405.00	4.00	F27437	0.13	1			
						405.00	407.90	2.90	F27438	0.07	2			
						407.90	409.00	1.10	F27439	0.41	50			qtv
						409.00	412.70	3.70	F27440	0.07	1			

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						412.70	414.60	1.90	F27441	0.06	1			
						414.60	415.60	1.00	F27442	0.32		1		fbx
						415.60	417.60	2.00	F27443	5.01	3	8		qs
						417.60	419.60	2.00	F27444	0.82	15	5		5" ca
						419.60	421.60	2.00	F27445	1.17	20	3		
						421.60	423.60	2.00	F27446	0.12	1	3		
						423.60	425.60	2.00	F27447	0.25	2	2		
						425.60	427.70	2.10	F27448	1.48	3	3		
						427.70	429.80	2.10	F27449	0.19	2	2		
						429.80	431.80	2.00	F27450	0.65	2	3		
						431.80	434.00	2.20	F27501	0.11				
						434.00	435.00	1.00	F27502	0.77	25			wh qtz
						435.00	440.00	5.00	F27503	0.11	1			
						440.00	443.50	3.50	F27504	0.40	2	0		
						443.50	444.50	1.00	F27505	0.70	50	1		wh qtz-m tm
						444.50	449.50	5.00	F27506	0.11	1			
						449.50	454.50	5.00	F27507	0.08	1			
						454.50	459.50	5.00	F27508	0.12	1			
						459.50	464.50	5.00	F27509	0.06				
						464.50	469.50	5.00	F27510	0.09		1		
						469.50	474.50	5.00	F27511	0.01	2			
						474.50	479.50	5.00	F27512	0.21	2			
						479.50	484.50	5.00	F27513	0.03				
						484.50	489.50	5.00	F27514	0.08				
						489.50	494.50	5.00	F27515	0.01				
						494.50	499.50	5.00	F27516	0.01				
						499.50	504.50	5.00	F27517	0.04				
						504.50	509.50	5.00	F27518	0.03				
						509.50	514.50	5.00	F27519	0.02				
						514.50	517.50	3.00	F27520	0.01	2			
						517.50	519.70	2.20	F27521	0.01				
						519.70	521.80	2.10	F27522	3.17	5	5		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						521.80	523.80	2.00	F27523	0.45	15	5		
						523.80	525.80	2.00	F27524	0.33	10	8		
						525.80	527.80	2.00	F27525	0.82	5	3		
						527.80	530.00	2.20	F27526	0.56	10	3		
						530.00	531.50	1.50	F27527	0.96	3	8		
						531.50	533.10	1.60	F27528	1.43	1	10		
						533.10	535.40	2.30	F27529	0.03	1	1		
						535.40	537.70	2.30	F27530	0.01	5	1		
						537.70	539.70	2.00	F27531	0.01	5			
						539.70	541.70	2.00	F27532	0.04	3	2		
						541.70	543.70	2.00	F27533	0.08	15	3		
						543.70	545.50	1.80	F27534	0.10	3	5		
						545.50	547.40	1.90	F27535	0.17		1		
						547.40	549.10	1.70	F27536	0.14	5	15		
						549.10	551.10	2.00	F27537	0.01				
						551.10	554.00	2.90	F27538	0.60				
						554.00	559.00	5.00	F27539	0.32				
						559.00	597.00	38.00						Ech.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-48	316.7	329.1	6.06					Main			



42A10SW2029

2.24187

MACKLEM

130

Kinross Gold Corporation

Hole #	Eastng	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-49	13836	5510	10902	607	Apr 3 02	EZ Shot	BQ	S. Wilson	S	Hopson	L1+00E,1+10N

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	330	-15	13836.00	5510.00	10902.00	
60.00	333	-45	13815.76	5547.27	10859.57	
240.00	334	-47	13759.96	5659.14	10730.11	
400.00	335	-46	13712.56	5758.55	10614.06	
600.00	336	-47	13655.46	5883.81	10468.99	

Mining Claim: 12579

Start Date	End Date
3/27/02	3/28/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by: *Stan Wilson*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	17.00	OB				0.00	17.00	17.00						OB
17.00	28.00	2,p,cb	0	25	blocky,bleached, fu, 10% qs	17.00	80.00	63.00						ns
28.00	28.70	fz	0	20	qtx-cb-bx, rusty,nuilt slip faces @10-30d	80.00	85.00	5.00	F27301	0.03				
28.70	79.80	lfc,cb	80	65	dk steel gray/green, chl'c,perv cb w/wispy cb vnits	85.00	90.00	5.00	F27302	0.24				
79.80	102.90	2,p,cb	70	30	lt gray-green, mn fu, 98.7-sharp flt@22,rust	90.00	95.00	5.00	F27303	0.08		1		
102.90	109.80	lfu	80	50	green.mod-str fuch,5% qs	95.00	100.00	5.00	F27304	1.08	2	2		
109.80	135.40	lcb	80	22	mottled gray-green, 30% rusty/leached, 5% qs, flt@114.8.gr	100.00	105.00	5.00	F27305	8.73	1	2		
135.40	140.00	lfu	80	80	lt apple green, 1%py,mod fuch, 5" 7bn @136.7, 5" w qtz@139.3	105.00	110.00	5.00	F27306	0.27	1			
140.00	153.80	7bn,se,Py	60	80	lt gray to buff, 5%py,8% predom flat str,vg flake @143.8.grnd bottom cnt	110.00	114.00	4.00	F27307	0.01				
153.80	163.40	lfu	20	10	apple green, mod fuch, 50% rusty w/low angle leached shrs,rbl from 161'	114.00	119.00	5.00	F27308	0.01	1			
163.40	165.90	QV	0	15	wh qtz,low shr, dry	119.00	124.00	5.00	F27309	0.01	2			
165.90	167.10	7bn,se,Py	80	80	flt'ed uphole cnt@20d,10%py,15%qs,med bn	124.00	129.00	5.00	F27310	0.01	3			
167.10	174.00	lfu,qz	20	10	65% wh qtz str along core axis, mn tm,nn cb,shr'd	129.00	134.00	5.00	F27311	0.01	2			
174.00	204.20	lfu	90		bright olive green, 3% predom flat qs, mn rust, tr py	134.00	136.00	2.00	F27312	0.01	15			qs
204.20	221.00	lcb	70		gray-green, 1% qvnlt, tight flt@210', 50d TCA,	136.00	137.50	1.50	F27313	0.05	3	3		
221.00	235.80	lfu	90	44	gray-green, wkly fuchs, well sl	137.50	140.00	2.50	F27314	0.93	18	2		qstr
235.80	244.60	7bn,se,Py	50	55	lt gray-buff bn. to 10% Py locally, 5% qs, 10% rusty	140.00	142.00	2.00	F27315	0.20	5	8		
244.60	249.40	lfu	60	55	mottled wkly fuch, bl, mn py, mn patchy rust 5%	142.00	144.00	2.00	F27316	0.37	3	10		vg,qvnlt
						144.00	146.00	2.00	F27317	0.55	3	10		qstrs
						146.00	147.70	1.70	F27318	0.26	8	5		qstrs
						147.70	149.70	2.00	F27319	0.20	25	5		qtz str

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
249.40	255.00	7bn.se.py	30	30	lt buff bn-gray. 10% qs.to 5% py,bx'd rusty lower cnt. wk sh @30d	149.70	152.20	2.50	F27320	2.61	5	3		
255.00	273.10	1fu,7bn	80	30	lt olive green. 20% narrow fingers/inclusions 7bn,5% qs,mn py,cb fron 272	152.20	154.00	1.80	F27321	10.24	3	15		hi py
273.10	312.10	1cb	80	60	fu to 276, dk gray-green,loc mottled rust, mn qs	154.00	156.00	2.00	F27322	0.58	1	1		
312.10	320.00	1fu	50	45	olive green. mod fuch. 6",3" lenses 7bn @ 316.5, 1%qs, m py	156.00	160.00	4.00	F27323	0.26		1		
320.00	330.90	1cb	80	30	dk gray, 30% rusty patches. 2% qs	160.00	163.40	3.40	F27324	0.96	10	1		
330.90	351.50	1cb,tc,ch	80	45	dk green/gray, chl'c, mod tc,tr qs	163.40	165.90	2.50	F27325	5.76	95	0		w qtz
351.50	358.30	1fu,cb	80	76	olive green, 2% predom flat qs, mod fu, tr py	165.90	167.10	1.20	F27326	1.09	20	10		qstr
358.30	360.00	7bn.se.py,qv	90	70	lt green-buf bn. 6" g qtz-cb vn.25d TCA,5%py	167.10	170.60	3.50	F27327	3.02	65	1		flat qstr's
360.00	388.00	1cb,tc	80	80	grey-gray/green, mn mottled rust. 1.1' mafic dyke @382',80d	170.60	173.90	3.30	F27328	3.15	75	1		flat qstr's
388.00	388.60	FZ	0	15	broken, 50% rbl	173.90	176.00	2.10	F27329	1.66	5	2		
388.60	399.10	1fu	50	35	cb to 392, then wkly fuch, 30% rust,mn qs	176.00	180.00	4.00	F27330	0.19	3	1		
399.10	413.30	7bn.se,Py	90	32	lt buff gray-green. fg.wk se,to 0% crse cu py loc, 5-15% qs at high angle TCA	180.00	181.00	4.00	F27331	0.18				
413.30	422.00	1fu	80	70	lt olive green, wkly fuch w/gray cb patches,20% rusty patches	181.00	184.00	5.00	F27332	0.15				
422.00	459.00	1cb			dk gray, mn loc tc, occ fuch patches. mn qs	184.00	189.00	5.00	F27333	0.21	20			qt str
459.00	506.00	1tc,ch	90	80	dk gray-green,mn qs	189.00	191.00	2.00	F27334	0.05				
506.00	607.00	1tc,cb			dk gray/green,mn qs.3% wispy ca: Eoh.	191.00	195.00	4.00	F27335	0.02				
						195.00	200.00	5.00	F27336	0.03				
						200.00	205.00	5.00	F27337	0.01				
						205.00	210.00	5.00	F27338	0.03				
						210.00	215.00	5.00	F27339	0.03				
						215.00	220.00	5.00	F27340	1.55				
						220.00	225.00	5.00	F27341	0.03				
						225.00	229.00	4.00	F27342	0.04				
						229.00	233.00	4.00	F27343	0.07				
						233.00	235.80	2.80	F27344	8.49	3	10		qs
						235.80	237.80	2.00	F27345	0.44	2	6		
						237.80	239.80	2.00	F27346	3.50	15	10		qstrs
						239.80	241.90	2.10	F27347	2.02				
						241.90	244.60	2.70	F27348	0.29		1		
						244.60	247.00	2.40	F27349	0.09		1		
						247.00	249.40	2.40	F27350	0.98	8	5		qstrs
						249.40	251.60	2.20	F27351	0.18	12	3		qstrs
						251.60	253.80	2.20						

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						253.80	256.00	2.20	F27352	0.74	5	5		qstr
						256.00	258.30	2.30	F27353		1	1		
						258.30	261.00	2.70	F27354	0.09	1	1		
						261.00	263.60	2.60	F27355	0.09	5	1		
						263.60	264.90	1.30	F27356	0.03	1	2		70% 7bn
						264.90	268.20	3.30	F27357	0.04	2	1		
						268.20	270.50	2.30	F27358	0.09	1	1		20% 7bn
						270.50	273.10	2.60	F27359	0.02	1	1		
						273.10	276.00	2.90	F27360	0.02	1			
						276.00	281.00	5.00	F27361	0.01				
						281.00	286.00	5.00	F27362	0.03				
						286.00	291.00	5.00	F27363	0.02	2			qstr
						291.00	296.00	5.00	F27364	0.02				
						296.00	301.00	5.00	F27365	0.07				
						301.00	306.00	5.00	F27366	0.05				
						306.00	311.00	5.00	F27367	0.01				
						311.00	314.00	3.00	F27368	0.03				
						314.00	315.60	1.60	F27369	0.03				
						315.60	317.70	2.10	F27370	0.06	1	2		35% 7bn
						317.70	321.00	3.30	F27371	0.02	1			
						321.00	326.00	5.00	F27372	0.01	1	1		
						326.00	331.00	5.00	F27373	0.02	2	1		
						331.00	336.00	5.00	F27374	0.03	3	1		
						336.00	341.00	5.00	F27375	0.01	1			
						341.00	346.00	5.00	F27376	0.01				
						346.00	351.00	5.00	F27377	0.02	1			
						351.00	356.00	5.00	F27378	0.01	2			
						356.00	358.30	2.30	F27379	0.01	5			qs
						358.30	360.00	1.70	F27380	0.05	35	5		qc str
						360.00	363.00	3.00	F27381	0.01	2	1		
						363.00	368.00	5.00	F27382	0.01				
						368.00	373.00	5.00	F27383	0.01				

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks	
373.00	378.00					373.00	378.00	5.00	F27384	0.01					
378.00	381.00					378.00	381.00	3.00	F27385	0.01					
381.00	383.70					381.00	383.70	2.70	F27386	0.01					
383.70	387.00					383.70	387.00	3.30	F27387	0.01			1		
387.00	389.20					387.00	389.20	2.20	F27388	0.01			3		
389.20	393.00					389.20	393.00	3.80	F27389	0.04					
393.00	397.00					393.00	397.00	4.00	F27390	0.01					
397.00	399.10					397.00	399.10	2.10	F27391	0.12			1		
399.10	401.00					399.10	401.00	1.90	F27392	0.54			1	4	
401.00	403.00					401.00	403.00	2.00	F27393	7.24			15	8	qs
403.00	405.00					403.00	405.00	2.00	F27394	3.02			1	10	
405.00	407.00					405.00	407.00	2.00	F27395	0.34			2	5	
407.00	409.00					407.00	409.00	2.00	F27396	2.85			8	10	qs
409.00	411.00					409.00	411.00	2.00	F27397	17.47			15	10	qs
411.00	413.30					411.00	413.30	2.30	F27398	3.22			5	5	qs
413.30	418.00					413.30	418.00	4.70	F27399	0.16			1		
418.00	423.00					418.00	423.00	5.00	F27400	0.04			2		
423.00	428.00					423.00	428.00	5.00	F27401	0.01					
428.00	433.00					428.00	433.00	5.00	F27402	0.01					
433.00	438.00					433.00	438.00	5.00	F27403	0.06					
438.00	443.00					438.00	443.00	5.00	F27404	0.03			2		3" 7bn.mm fu
443.00	448.00					443.00	448.00	5.00	F27405	0.01					
448.00	453.00					448.00	453.00	5.00	F27406	0.01					
453.00	458.00					453.00	458.00	5.00	F27407	0.01					
458.00	607.00					458.00	607.00	149.00							Eoh.

Flag Zones

HOLE-ID	FROM	TO	AU G/T	HOR THICKNESS	RGRID	ELEVATION	ZONE #	ZONE NAME	AZIMUTH	DIP	REMARKS
HP02-49	399.1	413.3	4.95					Main			



42A10SW2029

2.24187

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132

Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-51	13640	4595	10895	1305.8	3/13/02	EZ Shot	BQ	S. Harding	S	Hopsou	1.4+00W, 6-80S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-60	13640.00	4595.00	10895.00	
160.00	340	-59	13612.23	4671.31	10757.14	
320.00	342	-59	13585.40	4749.21	10620.00	
490.00	339	-59	13556.19	4831.72	10474.28	
650.00	343	-59	13529.37	4909.59	10337.13	
820.00	344	-60	13504.86	4992.30	10190.66	
990.00	345	-60	13482.14	5074.21	10043.44	
1140.00	345	-61	13463.03	5145.55	9912.89	
1300.00	345	-62	13443.27	5219.30	9772.28	

Mining Claim: **P546621, 12679**

Start Date	End Date
3/9/02	3/13/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	49.00	OB				0.00	49.00	49.00						OB
49.00	122.90	1tc, ch, ca	95	50	dk grey/green-green, wk-mod ch, loc tr-wk ca, predomin msv/motl, tr qcs, sm flt @ 61.2'	49.00	758.00	709.00						
122.90	124.10	7, bl	100	40	lt grey/brown, str ch/gouge at cnts	758.00	763.70	5.70	F25488	0.01	1	0		
124.10	134.00	1tc, ch	95	50	grey/green, wk-mod ch, mbx-motl, mn gouge at lower cnt, tr qs	763.70	768.70	5.00	F25489	0.01	0	0		
134.00	154.20	2.m, ch, ca	100	50	grey/green, wk ca, 1-2% qs, loc tr-1% py	768.70	773.70	5.00	F25490	0.01	0	0		
154.20	180.00	1tc, ch, ca	100	50	mafic?, grey/green, wk ch/ca, wk vars?	773.70	776.70	3.00	F25491	0.01	3	0		
180.00	279.60	1, ch	95	45	grey/green-green, wk-mod ch, loc mn ca/tc, msv w/ mn ch fracs, flt @ 188'	776.70	778.80	2.10	F25492	0.02	3	1		
279.60	395.00	2fe, m, ch	100	45	grey/green-green, slightly coarser grained, fg/more ch in top 15', wk ch fracs, wk-mod lx, tr pk/gy qcbs	778.80	780.80	2.00	F25493	4.53	7	2		vg in qs
395.00	453.50	2.m, ch	100	45	grey/green-green, msv w/ wk ch fracs, tr-1% qcbs	780.80	782.80	2.00	F25494	1.53	2	0		
453.50	493.00	1, sr	100	45	black-dk grey/green at margins, wk sr, wk ch at margins, tr qcbs	782.80	787.00	4.20	F25495	0.25	2	1		
493.00	530.00	1, ch	100	45	grey/green, wk-mod ch, tr ca, msv w/ wk ch fracs, tr qcs	787.00	788.50	1.50	F25496	0.14	75	1		QV
530.00	568.00	1tc, ch	95	45	grey/green, wk-mod ch, wk tc	788.50	790.50	2.00	F25497	3.74	5	2		
568.00	568.50	FZ	0	55	blocky core, wk gouge	790.50	793.00	2.50	F25498	0.57	6	0		
568.50	573.00	1tc, ch	100	45	grey/green, wk ch/ca	793.00	796.00	3.00	F25499	0.03	0	0		
						796.00	798.00	2.00	F25500	1.65	7	0		
						798.00	800.20	2.20	F25501	4.43	15	13		vg in qs
						800.20	802.20	2.00	F25502	1.87	8	1		
						802.20	804.30	2.10	F25503	0.03	4	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
573.00	621.50	2.m.ch	95	45	green-grey/green.msv.mn fbx at top.tr qcs	801.30	805.40	1.10	F25504	9.19	22	12		
621.50	670.50	2.p.ch	90	45	green-grey/green.pil/mn pbx,mn ca.tr qcs.ft @ 669.3'	805.40	808.40	3.00	F25505	0.30	6	0		
670.50	678.60	1tc.ch.cb	80	45	grey/green.wk ch,tr-wk cb,mn se.tr qs	808.40	811.40	3.00	F25506	1.26	8	6		18% 7bn
678.60	686.80	2fe.m.ch,1.x	80	40	grey/green.msv.mod-str lx.1-2% qcbs	811.40	813.40	2.00	F25507	0.06	3	0		
686.80	713.00	1tc.ch.cb	100	40	green-grey/green.wk-mod ch,mn se.tr-wk cb,tr qcbs	813.40	815.40	2.00	F25508	3.28	25	0		vg in qs
713.00	758.00	1tc.ch	100	40	dk grey/green.wk-mod ch,wk tc.msv/motl w/ wk ch frags	815.40	817.40	2.00	F25509	0.89	5	0		
758.00	776.70	2.p.ch.cb	100	40	grey/green-grey.tr-wk ch,wk pil,loc mn vars.mn bl at end.tr qcs	817.40	820.40	3.00	F25510	1.86	25	1		
776.70	780.80	2.bl.fu	100	40	grey/tan w/ wk green fuch spks.mn vars.5% qs,1% py.tr vg in 1" qs @ 780.4'	820.40	824.40	4.00	F25511	2.06	2	0		
780.80	787.20	1fu,2	100	40	green.mod-str fuch,motl,2% qs,tr-1% py	824.40	828.40	4.00	F25512	0.88	5	0		
787.20	788.50	QV	80	20	approx 0.5' msv wh QV at 20 deg tea	828.40	832.40	4.20	F25513	0.25	4	0		
788.50	798.00	1fu,2	95	45	green-grey/green.mod-str fuch.loc mn se,motl,5% qs,tr-1% py,loc tr cpy	832.40	836.60	4.20	F25514	0.51	2	0		
798.00	800.20	7bn.qs.PY.vg	100	60	grey/olive green.tr-wk se,15% qs < 1" wide,13% py.tr vg in qs @ 799.7'	836.60	838.00	1.40	F25515	0.33	7	2		
800.20	804.40	1fu,2	90	45	grey/green.mod fuch,6% qs,tr-1% py,1.5" qcbs at lower cnt	838.00	842.00	4.00	F25516	0.03	0	0		
804.40	805.40	7bn.si.qs.PY	100	60	grey.wk-mod si,mn se,10% qs,12% py	842.00	847.00	5.00	F25517	0.01	0	0		
805.40	836.60	1fu,2	95	45	green.mod-str fuch,motl-loc ps,loc wk bl patches,7bn frags from 808.5-810.5',7% qs,tr vg in qs @ 814	847.00	852.00	5.00	F25518	0.03	0	0		
836.60	837.80	7bn.si	100	65	grey.wk-mod si,5% qs,1% py	852.00	857.00	5.00	F25519	0.08	0	0		
837.80	871.00	1cb.fu	100	60	grey/green,loc tr-mod fuch	857.00	862.00	5.00	F25520	0.04	0	0		
871.00	894.50	1cb	100	60	grey,loc tr fuch,mn fuch at lower cnt	862.00	867.00	5.00	F25521	0.05	0	0		
894.50	896.30	7bn.se.si	100	75	olive green/grey.wk se/si,7% qs,3% py	867.00	872.00	5.00	F25522	0.18	0	0		
896.30	915.80	1cb	90	60	grey-grey/brown,loc tr-wk se,loc mn fuch,2% qs	872.00	877.00	5.00	F25523	0.05	0	0		
915.80	916.80	7bn.se	0	80	blocky,olive green/grey.tr-wk se,1% py	877.00	882.00	5.00	F25524	0.01	0	0		
916.80	918.00	1cb.fu	100	70	grey/green,wk fuch	882.00	887.00	5.00	F25525	0.01	0	0		
918.00	926.70	7bn.se	95	80	olive green/grey.wk se,2% qs/qcbs,1% py	887.00	892.00	5.00	F25526	0.01	0	0		
926.70	928.40	7bn.si.se	100	80	lt grey,wk-mod si,tr-wk se,7% qs,3% py.tr cpy	892.00	894.50	2.50	F25527	0.07	0	0		
928.40	929.60	1fu	100	80	green-grey/green.wk-mod fuch,2% qs	894.50	896.30	1.80	F25528	0.30	7	3		
929.60	949.00	7bn.se	100	70	olive green/grey.tr-wk se,4% qs,2% py,loc tr cpy	896.30	899.30	3.00	F25529	0.05	6	0		
949.00	971.00	1cb.fu	95	70	grey-grey/green,loc tr-mod fuch,8% rust patches,tr-1% qs	899.30	904.30	5.00	F25530	0.01		0		
971.00	980.40	1fu	95	70	green-grey/green.mod fuch,20% rust patches,3% qs	904.30	909.30	5.00	F25531	0.02	3	0		
						909.30	913.80	4.50	F25532	0.05	0	0		
						913.80	915.80	2.00	F25533	0.01		0		
						915.80	918.00	2.20	F25534	0.01		0		1' 7bn
						918.00	921.00	3.00	F25535	0.03	4	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
980.40	988.00	1cb.fu	95	70	grey-grey/green.tr-wk fuch.mn rust.2% qs	921.00	921.00	3.00	F25536	0.02	1	1		
988.00	993.00	1fu	100	70	grey/green-green.mod fuch,10% qs.1% py	924.00	926.60	2.60	F25537	0.01	0	0		
993.00	994.50	8fp.Se.qs	95	80	olive green.mod-str se.tr fuch.35% qs.3% py	926.60	928.40	1.80	F25538	0.21	7	3		
994.50	1004.00	1fu	90	70	green-grey/green.mod-str fuch,3% qs	928.40	929.60	1.20	F25539	0.01	1	0		
1004.00	1021.00	7bn,se,ch	95	70	top half:mod se,tr fuch spks,20% fuch/1cb frags,3% qs,2% py,lower half:wk ch/cb,mn se at top,3% qs	929.60	931.60	2.00	F25540	0.23	3	1		
1021.00	1024.00	1tc.cb	100	70	grey,wk ch at top,tr-mod cb	931.60	934.00	2.40	F25541	0.04	1	2		
1024.00	1151.50	1tc	95	70	grey,mn ch at end,sm flts @ 1062.3,1084.4 & 1123'	934.00	937.00	3.00	F25542	0.17	3	1		
1151.50	1283.00	1,sr,ch	100	60	dk grey/green-grey,wk sr/ch,mn tc	937.00	940.00	3.00	F25543	0.10	4	2		
1283.00	1303.00	1tc	80	60	grey,wk ch at top,sm flts @ 1286.3& 1293.4'	940.00	943.00	3.00	F25544	0.12	5	2		
1303.00	1305.80	1tc,ca	100	60	dyke?,poss lamp,dk grey/brown-dk blue in fracs,wk ca,mn tc.EOH.	943.00	946.00	3.00	F25545	0.75	6	2		
						946.00	949.00	3.00	F25546	0.35	8	4		
						949.00	952.00	3.00	F25547	0.05	0	0		
						952.00	957.00	5.00	F25548	0.04	3	0		
						957.00	962.00	5.00	F25549	0.03	1	0		
						962.00	967.00	5.00	F25550	0.02		0		
						967.00	972.00	5.00	F25551	0.03	0	0		
						972.00	977.00	5.00	F25552	0.04	4	0		
						977.00	982.00	5.00	F25553	0.04	2	0		
						982.00	987.00	5.00	F25554	0.02	2	0		
						987.00	991.00	4.00	F25555	0.02	8	1		
						991.00	993.00	2.00	F25556	0.04	12	2		
						993.00	994.50	1.50	F25557	0.01	35	3		
						994.50	997.00	2.50	F25558	0.02	3	0		
						997.00	1001.00	4.00	F25559	0.02	3	0		
						1001.00	1004.00	3.00	F25560	0.01	1	0		
						1004.00	1007.00	3.00	F25561	0.34	6	2		
						1007.00	1010.00	3.00	F25562	0.08	2	2		
						1010.00	1013.00	3.00	F25563	0.03	1	1		
						1013.00	1017.00	4.00	F25564	0.07	0	0		
						1017.00	1021.00	4.00	F25565	0.52	6	0		
						1021.00	1025.00	4.00	F25566	0.16	0	0		
						1025.00	1030.00	5.00	F25567	0.05		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						1030.00	1035.00	5.00	F25568	0.02			0	
						1035.00	1305.80	270.80						1:011



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2.24187

MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location Comments:
HP02-52	13702.6	4695.5	10896.7	1148.3	3/17/02	EZ Shot	BQ	S. Harding	S	Hopson	3+00W, 6+10S
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date			
0.00	340	-51	13702.60	4695.50	10896.70		3/13/02	3/16/02			
150.00	344	-51	13673.45	4785.22	10780.13						
330.00	345	-51	13643.18	4894.38	10640.24						
490.00	348	-52	13619.91	4991.18	10515.03						
820.00	351	-53	13583.25	5188.62	10253.23						
1040.00	6	-54	13579.65	5318.31	10076.59						

Mining Claim: P546620, P546621, 12679
 Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

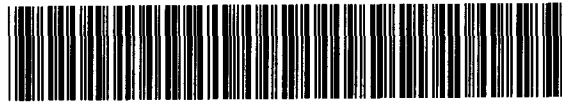
Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	55.60	OB				0.00	55.60	55.60						OB
55.60	88.80	1, ch, ca, tc	95	45	grey/green, wk-mod ch, mn tc, wk ca, motl w/ var-like blebs	55.60	677.00	621.40						
88.80	91.00	2, m, ch	100	50	grey/green-green, msv/motl, wk perv ca, tr py	677.00	680.00	3.00	F25733	0.02	0	0		
91.00	218.20	1, m, ch	100	45	grey/green, wk-mod ch, loc mn tc, msv w/ mn ch/ca fracs, mn ca strgs, 5" qcv @ 102.5'	680.00	682.00	2.00	F25734	0.03	3	0		8fp
218.20	296.00	2fe, m, ch	100	50	green-grey/green, slightly coarser grained, fg in lower 10', wk-mod lx, tr-1% pk/wk qcbs	682.00	684.00	2.00	F25735	0.01	1	0		
296.00	363.00	1, sr	95	50	black, str magnetic, wk green sr, grey/mn tc in top 10', wk ch at end, tr qcs	684.00	692.00	8.00						
363.00	418.30	1, ch, tc	95	45	dk grey/green, wk tc, wk-mod ch, sm flts @ 409 & 410'	692.00	697.00	5.00	F25736	0.01		0		
418.30	465.80	2, p, ch	100	45	green-grey/green, pil/mn pbx, tr qcs	697.00	702.00	5.00	F25737	0.01	0	0		
465.80	528.80	1, ch	100	45	grey/green, wk-mod ch, loc mn ca/tc, msv w/ wk ch fracs	702.00	706.00	4.00	F25738	0.04	3	0		
528.80	589.80	2fe, m, ch	100	50	green, finer grained, wk-mod lx, wk perv ca, tr qcs	706.00	709.00	3.00	F25739	0.10	0	0		
589.80	617.00	1, ch, tc	100	50	grey/green, wk-mod ch, tr-wk tc/ca, tr-1% qcs	709.00	711.40	2.40	F25740	0.01	1	0		
617.00	661.00	1tc, ch	100	50	grey/green, wk tc, wk-mod ch, tr qcs	711.40	714.50	3.10	F25741	0.01	2	0		
661.00	680.00	1tc, cb, ch	95	50	grey/green, wk cb/ch, tr qs	714.50	719.50	5.00	F25742	0.04	0	0		
680.00	682.00	8fp	90	60	dk grey/pink, mn ch, broken core/flt at lower cnt, 3% qs, tr py	719.50	724.50	5.00	F25743	0.03	2	0		
682.00	702.00	1tc, cb, ch	100	50	grey/green, wk cb/ch	724.50	729.50	5.00	F25744	0.14	0	0		
702.00	709.00	2, bl, cb, ch	95	60	grey/green-mn tan, loc wk-mod bl/ch, wk cb, 1% qs, tr py	729.50	734.50	5.00	F25745	0.05	0	0		
						734.50	739.50	5.00	F25746	0.07	0	0		
						739.50	744.50	5.00	F25747	0.01	2	0		
						744.50	749.50	5.00	F25748	0.01	0	0		
						749.50	754.50	5.00	F25749	0.03	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
709.00	711.40	2,Bl, fu	100	60	grey/tan-green, mod bl w/ wk fuch spks, mod fuch in lower 0.5', tr qs	754.50	759.50	5.00	F25750	0.01	1	0		
711.40	727.00	1 fu	90	50	green-grey/green, mod-str fuch, tr rust on fracs, tr-1% qs	759.50	764.50	5.00	F25751	0.01	0	0		
727.00	764.50	1 cb, fu	100	50	grey/green-grey, loc tr-mod fuch, mn se, tr rust in fracs, tr-1% qs	764.50	765.60	1.10	F25752	0.01	1	5		
764.50	765.60	7bn, se, Py	100	70	olive green/grey, tr-wk se, 1% qs, 5% py	765.60	768.60	3.00	F25753	0.01	0	0		
765.60	771.50	1 cb, fu	100	50	grey/green, loc tr-mod fuch, tr-wk se	768.60	773.60	5.00	F25754	0.01		0		
771.50	781.60	1 cb	100	50	grey, mn se, wk fuch at lower cnt	773.60	778.60	5.00	F25755	0.01		0		
781.60	805.60	2, Si	90	50	grey/green-tan, wk-mod si, loc wk ch, mn cb, tr-1% qs	778.60	781.60	3.00	F25756	0.02		0		
805.60	817.00	1 cb, fu	100	50	grey-grey/green, loc tr-wk fuch, 4% qs, tr-1% py	781.60	784.60	3.00	F25757	0.01	4	0		
817.00	848.40	1 cb	100	50	grey, mn se/ch, tr fuch at end, tr qs	784.60	787.60	3.00	F25758	0.01	0	0		
848.40	853.80	7bn, se, qs, Py	100	60	olive green/grey, wk-mod se, 10% qs, 5% py	787.60	790.60	3.00	F25759	0.01		0		
853.80	854.40	2, Bl	100	60	grey/tan, mod bl, 25% fuch frags, 1% qs	790.60	794.60	4.00	F25760	0.01	1	0		
854.40	856.10	1 fu, vg	100	60	green-grey/green, mod-str fuch, mn Bl mafic frags, 3% qs, tr py, mn vg in qs @ 855'	794.60	798.60	4.00	F25761	0.01	0	0		
856.10	861.50	2, bl	100	60	grey/tan, wk-mod bl, mn ch, 4% qs, 1% py, loc tr cpy	798.60	802.60	4.00	F25762	0.01	0	0		
861.50	863.30	7bn, Se, Py	95	60	olive green, mod se, 5% qs, 7% py	802.60	805.60	3.00	F25763	0.03	0	0		
863.30	883.50	2, bl	100	60	grey/tan, wk-mod bl, loc mn ch/cb, 3% qs, 1% py, loc tr cpy, tr vg in qs's @ 877.4 & 878.5'	805.60	807.60	2.00	F25764	0.14	7	0		
883.50	897.50	7bn, se, Py	100	60	olive green/grey, tr-wk se, mn Bl mafic frags, 8% qs < 2" wide, 6% py	807.60	810.60	3.00	F25765	0.80	7	1		
897.50	909.00	2, p, ch, cb	100	60	grey/green, mn tan, loc tr-wk bl/cb, mod bl in top 0.6', wk-mod ch, tr-1% qs	810.60	815.60	5.00	F25766	1.63	1	1		
909.00	914.80	2, p, bl	100	60	grey/brown, wk bl, loc mn ch, tr-1% qs	815.60	820.60	5.00	F25767	0.06	1	0		
914.80	922.00	1 fu	100	60	lt green, mod-str fuch, motl, mn ch/se at end, 4% qs	820.60	825.60	5.00	F25768	0.04		0		
922.00	936.80	1, cb, ch, fu	100	60	grey/green/tan, loc wk-mod fuch/ch, loc tr-wk bl/se, 9% qs, 3% py	825.60	830.60	5.00	F25769	0.01	0	0		
936.80	946.00	2, bl, fu	100	60	grey-grey/green, wk-mod bl, tr-wk fuch, mn ch at top, 1% qs	830.60	835.60	5.00	F25770	0.05	1	0		
946.00	961.30	2, Bl, qs, Py	95	60	grey-grey/green at end, mod bl, tr-wk fuch in lower 3', 15% qs < 3" wide, 6% py, loc tr cpy	835.60	840.60	5.00	F25771	0.02		0		
961.30	969.90	1 fu, qs	100	60	green, str fuch, 15% qs, 2" flat qs @ lower cnt	840.60	843.60	3.00	F25772	0.06	0	0		
969.90	972.40	2, bl, qs, Py	100	60	grey, wk bl, mn se, 10% qs, 7% py, tr cpy	843.60	846.40	2.80	F25773	0.01		0		
972.40	998.90	1 fu	100	60	green-grey/green, mod-str fuch, 3% qs, tr py, loc tr cpy, 6" qv @ 979.6'	846.40	848.40	2.00	F25774	0.01	3	0		
998.90	999.90	QV, cb	80	30	approx 0.5' msv wh QV, wk cb, mn fuch/ch	848.40	851.40	3.00	F25775	0.05	10	4		
						851.40	853.80	2.40	F25776	0.36	8	6		
						853.80	856.10	2.30	F25777	9.09	3	0		vg in qs
						856.10	858.00	1.90	F25778	0.10	7	1		
						858.00	861.50	3.50	F25779	0.15	3	1		
						861.50	863.30	1.80	F25780	0.18	5	7		
						863.30	865.30	2.00	F25781	1.85	8	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
999.90	1003.00	8fp,se	95	80	olive green/brown.wk se,mn fuch spks,3% qs,4% py	865.30	868.30	3.00	F25782	0.08	1	0		
1003.00	1007.50	1fu	100	60	green,mod-str fuch	868.30	871.80	3.50	F25783	0.02	0	0		
1007.50	1016.00	1cb,fu	100	60	grey/green,tr-wk fuch,tr qs	871.80	874.80	3.00	F25784	0.12	1	0		
1016.00	1024.70	1fu	95	60	green,str fuch.5% qs,0.4' bl/se mafic frags @ 1016.7 & 1024'	874.80	876.80	2.00	F25785	1.68	7	1		
1024.70	1031.50	2,1fu,se	95	60	lt green-olive green.35% 1fu,65% se/mn fuch mafics,loc wk bl,6% qs,tr-1% py	876.80	878.80	2.00	F25786	0.58	5	1		2 x vg /qs
1031.50	1037.80	1fu	100	60	green,mod-str fuch,6% qs	878.80	880.80	2.00	F25787	0.12	3	1		
1037.80	1046.30	2,bl,se	100	60	grey/olive green,loc tr-mod se,mn fuch spks,mn fuch frags at top,7% qs,1% py	880.80	883.50	2.70	F25788	1.15	1	3		
1046.30	1047.80	1cb,fu	100	60	grey/green,tr-wk fuch,tr qs	883.50	885.50	2.00	F25789	1.95	15	5		
1047.80	1082.80	8fp,se,qs,Py	100	50	grey-olive green/grey/pink.tr-wk se,mn ch frags,7% qs,6% py,tr cpy,vg in qs @ 1059.3,1066.9 & 1070.5	885.50	887.50	2.00	F25790	1.37	10	7		
1082.80	1092.30	8fp,Se,Py	100	50	olive green,green/pink in lower 1'.mod-str se,8% qs,7% py	889.50	892.50	3.00	F25792	0.26	3	5		
1092.30	1102.80	1tc,cb	95	50	grey,tr-wk ch,mod-str ch at top cnt,1% qs	892.50	895.50	3.00	F25793	1.39	10	6		
1102.80	1103.30	FZ	0		blocky,wk gouge	895.50	897.50	2.00	F25794	0.76	6	6		
1103.30	1140.30	1tc	95	50	grey,tc-rich	897.50	899.50	2.00	F25795	2.52	0	1		
1140.30	1141.80	FZ	0		blocky/broken core,wk gouge	899.50	903.50	4.00	F25796	0.01	0	0		
1141.80	1148.30	1tc	100	50	grey,tc-rich.tr qcs,EOH.	903.50	907.50	4.00	F25797	0.01	0	0		
						907.50	911.50	4.00	F25798	0.02	1	0		
						911.50	914.80	3.30	F25799	0.11	1	0		
						914.80	917.80	3.00	F25800	0.55	5	0		
						917.80	922.80	5.00	F25801	0.63	3	0		
						922.80	926.80	4.00	F25802	1.30	3	2		
						926.80	929.80	3.00	F25803	6.14	30	7		flat qs
						929.80	933.30	3.50	F25804	0.35	1	2		
						933.30	936.80	3.50	F25805	0.42	2	1		
						936.80	940.80	4.00	F25806	0.27	1	0		
						940.80	943.80	3.00	F25807	0.15	1	0		
						943.80	946.80	3.00	F25808	4.25	12	6		
						946.80	948.80	2.00	F25809	5.18	5	5		
						948.80	950.80	2.00	F25810	3.60	4	7		
						950.80	952.80	2.00	F25811	4.90	1	10		
						952.80	954.80	2.00	F25812	10.84	40	10		3" qs
						954.80	956.80	2.00	F25813	8.11	8	8		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						956.80	958.80	2.00	F25814	3.74	13	4		
						958.80	961.30	2.50	F25815	0.60	35	1		qs's
						961.30	964.30	3.00	F25816	0.45	22	0		
						964.30	967.90	3.60	F25817	0.14	7	0		
						967.90	969.90	2.00	F25818	0.06	25	0		flat qs
						969.90	972.40	2.50	F25819	7.87	10	7		flat qs
						972.40	974.40	2.00	F25820	0.17	5	0		
						974.40	978.40	4.00	F25821	0.48	5	0		
						978.40	981.90	3.50	F25822	0.66	22	0		6" qv
						981.90	986.90	5.00	F25823	0.02	1	0		
						986.90	991.90	5.00	F25824	0.01	1	0		
						991.90	996.90	5.00	F25825	0.01	1	0		
						996.90	998.90	2.00	F25826	0.01	3	0		
						998.90	999.90	1.00	F25827	0.04	90	0		QV.cb
						999.90	1003.00	3.10	F25828	0.41	3	4		
						1003.00	1006.00	3.00	F25829	0.01	0	0		
						1006.00	1011.00	5.00	F25830	0.01	0	0		
						1011.00	1016.50	5.50	F25831	0.01	0	0		
						1016.50	1021.70	5.20	F25832	0.02	4	0		
						1021.70	1024.70	3.00	F25833	0.08	8	0		0.5' 2.BI
						1024.70	1028.10	3.40	F25834	0.20	1	0		
						1028.10	1031.50	3.40	F25835	0.12	10	1		
						1031.50	1034.80	3.30	F25836	0.36	6	0		
						1034.80	1037.80	3.00	F25837	0.15	6	0		
						1037.80	1040.80	3.00	F25838	0.37	10	1		
						1040.80	1043.30	2.50	F25839	0.22	7	1		
						1043.30	1046.30	3.00	F25840	0.22	3	1		
						1046.30	1047.80	1.50	F25841	0.03		0		
						1047.80	1050.80	3.00	F25842	0.39	5	4		
						1050.80	1053.80	3.00	F25843	0.92	4	5		
						1053.80	1055.80	2.00	F25844	0.36	0	2		
						1055.80	1057.80	2.00	F25845	0.78	3	3		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						1057.80	1059.80	2.00	F25846	6.96	12	6		vg in qs
						1059.80	1061.80	2.00	F25847	2.33	3	4		
						1061.80	1063.80	2.00	F25848	0.90	7	6		
						1063.80	1065.80	2.00	F25849	0.17	3	7		
						1065.80	1067.80	2.00	F25850	2.54	7	7		vg in qs
						1067.80	1069.80	2.00	F25851	0.34	5	8		
						1069.80	1071.80	2.00	F25852	129.94	5	8		Vg in qs
						1071.80	1073.80	2.00	F25853	0.88	4	5		
						1073.80	1075.80	2.00	F25854	0.40	6	4		
						1075.80	1078.80	3.00	F25855	3.53	35	8		qs's
						1078.80	1081.80	3.00	F25856	2.26	13	10		
						1081.80	1084.80	3.00	F25857	1.11	8	8		
						1084.80	1087.80	3.00	F25858	0.63	15	7		
						1087.80	1092.30	4.50	F25859	0.75	4	7		
						1092.30	1095.30	3.00	F25903	0.02	7	0		
						1095.30	1100.30	5.00	F25904	0.09	7	0		
						1100.30	1105.30	5.00	F25905	0.06	0	0		
						1105.30	1148.30	43.00						EOH



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MACKLEM

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Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-53	13798	4738	10895	1246.8	3/11/02	EZ Shot	BQ	S. Harding	S	Hopson	L2+00W:6+00S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS	Start Date	End Date
0.00	340	-62	13798.00	4738.00	10895.00		3/6/02	3/9/02
160.00	341	-62	13772.93	4808.80	10753.73			
330.00	343	-62	13748.27	4884.70	10603.63			
500.00	343	-62	13724.93	4961.02	10453.53			
650.00	345	-63	13705.83	5027.58	10320.48			
820.00	347	-63	13687.16	5102.45	10169.01			
990.00	349	-63	13671.11	5177.94	10017.54			

Mining Claim: 12679

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet		ROCK-TYPE	RQD	C.A.	REMARKS	Feet		WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
FROM	TO					FROM	TO							
0.00	34.80	OB				0.00	34.80	34.80						OB
34.80	158.70	1,ch	95	40	grey/green,wk-mod ch,wk tc,msv-wk ps	34.80	700.70	665.90						
158.70	250.40	2fe,m,ch	100	50	grey/green-green.coarser grained,msv/motl w/ mn ch fracs,loc tr-mod lx,tr qcs	700.70	705.70	5.00	F25230	0.01	0	0		
						705.70	710.70	5.00	F25231	0.09	2	0		
250.40	271.30	2,p,ch	100	45	grey/green,wkly pil-msv,wk ch fracs,tr qcbs	710.70	713.10	2.40	F25232	0.17	13	0		2.5" qs
271.30	302.70	2fe,m,ch	100	50	dk green,coarser grained,wk-mod lx,msv/motl,tr qcbs	713.10	717.10	4.00	F25233	0.01	3	0		
302.70	326.50	1,ch,sr	90	45	dk grey/green-almost black,mn sr,wk-mod ch	717.10	721.10	4.00	F25234	0.22	1	0		
326.50	370.80	1,sr	100	45	black,wk green sr,str magnetic,tr qcs	721.10	724.70	3.60	F25235	0.04	1	0		
370.80	451.00	1,ch	95	40	dk grey/green,mod ch	724.70	726.10	1.40	F25236	0.08	3	2		
451.00	459.00	2,p,ch	100	45	green-grey/green,wk ca in top 3',wk-mod ch fracs,tr qcs	726.10	728.10	2.00	F25237	0.08	0	0		
459.00	569.60	1,ch	100	40	dk grey/green-green,wk-mod ch,mn tc/ca	728.10	733.00	4.90	F25238	0.01	0	0		
569.60	602.80	2,p,ch,ca	100	40	dk grey/green,wkly pil,loc wk vars,wk perv ca	733.00	738.00	5.00	F25239	0.01		0		
602.80	615.20	2,m,ch	100	40	dk grey/green,wk ca,tr qcs	738.00	743.00	5.00	F25240	0.01	5	0		
615.20	617.60	2fe,m,ch,Lx	100	45	dk green,mod-str lx,wk ch fracs	743.00	748.00	5.00	F25241	0.14	2	0		
617.60	674.80	1tc,ch	100	45	green-grey/green,wk-mod ch,increasing talc down hole,tr qcs	748.00	752.00	4.00	F25242	0.01	6	0		2.5" qs,tm
						752.00	755.00	3.00	F25243	0.11		0		
674.80	675.10	Flt	0	70	broken core/gouge	755.00	758.50	3.50	F25244	0.25	12	0		2.5" qs,tm
675.10	694.20	1tc,ch	100	45	grey-grey/green,tr-wk ch,mn cb in lower 6'	758.50	760.50	2.00	F25245	0.16	10	0		
694.20	713.10	2fe,m,ch,cb	100	45	green-grey/green,tr-wk cb at end,wk-mod lx,tr qcs,1' lcb @ 711.2,2.5" qs @ lower cnt	760.50	763.60	3.10	F25246	2.48	7	1		vg/qz frac

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
713.10	724.70	1cb.fu	95	40	grey/green.tr-wk fuch/ch.1% qs	763.60	766.00	2.40	F25247	0.05	13	0		2" qs
724.70	726.10	8fp.se.si	100	65	lt brown,wk se/si,3% qs,2% py	766.00	768.90	2.90	F25248	0.04		0		
726.10	738.00	1cb,se	100	40	grey/brown,wk se,loc tr fuch.tr qs	768.90	772.00	3.10	F25249	0.02	1	0		
738.00	760.50	1fu	100	40	green-mn grey/green,mod-str fuch w/ mn wk fuch patches,mn motl sections,6% qs < 2.5" wide loc w/ tm	772.00	775.00	3.00	F25250	0.06		0		
760.50	763.60	7bn,si	100	50	lt grey/brown,wk si,tr-wk se at cnts,7% qs,1% py,loc tr cpy,tr vg in qz frac @ 762.8'	775.00	779.20	4.20	F25251	0.11	0	0		
763.60	768.90	1fu	100	40	green-grey/green,mod fuch,2" qs @ 765.7'	779.20	784.20	5.00	F25252	0.01		0		
768.90	775.00	2,bl.cb,fu	100	45	grey-grey/green,wk cb,loc tr-wk fuch,wk ch frags,tr-1% qs	784.20	789.20	5.00	F25253	0.06	5	0		3" qs
775.00	784.00	1cb,se	100	40	grey/brown,wk se,loc tr fuch	789.20	794.20	5.00	F25254	0.08	10	0		3.5" qv
784.00	790.00	1cb,fu	100	40	grey/green,tr-wk fuch,3" qs @ 784.9'	794.20	797.20	3.00	F25255	0.07	0	0		
790.00	797.20	1fu	95	40	green-grey/green,mod-str fuch,3.5" qv 40 deg tea @ 793.2,sm rusty flt at top cnt of qv	797.20	799.80	2.60	F25256	1.82	3	1		
797.20	802.40	2,Bl,fu	100	40	tan/grey,mod bl,wk-mod fuch spks,3% qs,1% py,loc tr cpy	799.80	802.40	2.60	F25257	0.65	3	1		
802.40	811.50	2,p,ch,cb	100	40	green-grey/green,mod bl,wk-mod fuch spks,3% qs,1% py,loc tr cpy	802.40	806.50	4.10	F25258	0.02		0		
811.50	824.60	1ch,ch	95	40	green-grey/green,wk vars at top,wk cb,tr qcbs	806.50	811.50	5.00	F25259	0.01	1	0		
824.60	830.60	2,m,ch,cb	100	40	dk grey/green,wk-mod ch,wk cb,tr qs	811.50	815.50	4.00	F25260	0.01	0	0		
830.60	838.60	2,si	100	40	dk green-grey/green,wk cb	815.50	820.50	5.00	F25261	0.01	0	0		
838.60	853.00	1cb,tc	100	40	grey/green/red,mod si,tr-wk cb,loc hem?,mn ch frags	820.50	824.60	4.10	F25262	0.01	0	0		
853.00	867.00	1cb	95	40	grey,loc mn rust patches,mn se	824.60	827.60	3.00	F25263	0.01	0	0		
867.00	876.00	1cb,fu	100	40	grey,loc mn rust patches,mn se	827.60	830.60	3.00	F25264	0.01	0	0		
876.00	886.70	2,m,Bl,qs	95	60	grey/green,tr-wk fuch,mn 7bn frags in lower 5',tr qs	830.60	834.60	4.00	F25265	0.01	0	0		
886.70	891.40	7bn,se,qs	100	70	grey,mod bl,mn se,mn cb at top,8% qs,3% py	834.60	838.60	4.00	F25266	0.01	0	0		
891.40	905.40	2,p,Bl	100	60	olive green/grey,wk-mod se,13% qs,2% py	838.60	841.00	2.40	F25267	0.01	0	0		
905.40	909.00	7bn,se,qs	100	70	olive green/grey,wk-mod se,13% qs,2% py	841.00	846.00	5.00	F25268	0.01	0	0		
909.00	912.50	2,p,Bl	100	60	grey,msv-wkly pil in lower half,3% qs,1% py,loc tr cpy,tr vg in qs @ 891.7'	846.00	851.00	5.00	F25269	0.02	0	0		
912.50	913.90	7bn,Se,qs	100	70	olive green,mod se,10% qs,2% py	851.00	856.00	5.00	F25270	0.01	0	0		
913.90	915.50	2,p,Bl	100	60	grey,msv-wkly pil in lower half,3% qs,1% py,loc tr cpy,tr vg in qs @ 891.7'	856.00	861.00	5.00	F25271	0.02	0	0		
915.50	919.30	7bn,Se,qs	100	70	olive green,mod se,15% qs,4% py	861.00	866.00	5.00	F25272	0.01	0	0		
919.30	932.80	1fu	100	80	tan/grey,mod bl,4% qs,tr py,0.5' 1fu at end	866.00	871.00	5.00	F25273	0.01	2	0		
932.80	934.80	7bn,qs	100	70	olive green,mod se,10% qs,2% py	871.00	874.00	3.00	F25274	0.03	0	0		
					grey/tan,mod-str bl,mn fuch frags at top,tr-1% qs,tr py	874.00	876.00	2.00	F25275	0.02	0	0		
					olive green,mod se,15% qs,4% py	876.00	878.00	2.00	F25276	0.07	2	1		
					green-grey/green,mod-str fuch,3% qs,0.6' Bl mafics @ 929.7'	878.00	880.00	2.00	F25277	3.30	7	6		
					grey/brown,mn se,12% qs,4% py	880.00	882.00	2.00	F25278	6.95	25	8		qs's

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
934.80	937.50	1fu	100	80	green-grey/green,mod-str fuch,2% qs	882.00	884.00	2.00	F25279	0.86	6	3		
937.50	947.00	1cb	100	80	grey,mn se,tr fuch at cnts,tr qs	884.00	886.70	2.70	F25280	0.12	1	0		
947.00	953.40	1fu,cb	100	80	grey/green,mod fuch	886.70	889.00	2.30	F25281	0.72	15	2		
953.40	956.00	7bn	100	70	grey,wk se at cnts,7% qs,tr-1% py	889.00	891.40	2.40	F25282	0.07	10	2		
956.00	971.00	1fu	100	80	green-grey/green,mod-str fuch,3% qs	891.40	893.40	2.00	F25283	12.50	7	6		vg in qs
971.00	979.40	1cb,se	100	80	grey/brown,wk se,1% qs	893.40	895.40	2.00	F25284	0.10	1	1		
979.40	981.00	2fc,m,Bl	100	90	grey/tan,mod Bl,mn se	895.40	897.40	2.00	F25285	0.21	8	0		
981.00	989.00	1cb,se	100	80	grey/brown,wk se,tr fuch,1% qs	897.40	900.40	3.00	F25286	0.02	1	0		
989.00	995.30	1fu	95	80	green,mod-str fuch,10% qs,loc tr cpy	900.40	903.40	3.00	F25287	0.01	0	0		
995.30	1004.00	1cb,fu	100	80	grey/green,mn fuch	903.40	905.40	2.00	F25288	0.10	2	0		
1004.00	1020.30	1cb,tc	100	80	grey-grey/brown,loc tr-wk se/tc	905.40	909.00	3.60	F25289	0.31	13	2		
1020.30	1030.20	2,p,cb,ch	100	50	grey/green-grey,wk cb,mn ch,wkly pil-insv,tr qs	909.00	912.50	3.50	F25290	0.22	4	0		
1030.20	1069.70	7,1tc,ch	100	60	65% mafic dykes (lamprophyres) in tc/ch u.mafics,wk cb/mod biotite in dykes	912.50	913.90	1.40	F25291	0.22	10	2		
						913.90	915.50	1.60	F25292	0.04	1	0		
1069.70	1108.70	1tc	95	60	grey,talc-rich,mn ch at top cnt	915.50	917.30	1.80	F25293	0.55	8	4		
1108.70	1109.00	Flt	0		broken core/gouge	917.30	919.30	2.00	F25294	0.26	25	3		
1109.00	1134.80	1tc	100	60	grey-grey/green,loc tr-wk ch	919.30	921.30	2.00	F25295	0.02	5	0		
1134.80	1136.20	FZ	0	80	blocky,50% broken core/gouge	921.30	925.30	4.00	F25296	0.84	5	0		
1136.20	1246.80	1tc	95	60	grey,talc-rich,sm flts @ 1143.2 & 1144',EOH.	925.30	928.30	3.00	F25297	0.01	0	0		
						928.30	930.80	2.50	F25298	0.08	3	0		0.6' 2,Bl
						930.80	932.80	2.00	F25299	0.05	3	0		
						932.80	934.80	2.00	F25300	0.75	12	4		
						934.80	937.50	2.70	F25301	0.01	2	0		
						937.50	942.50	5.00	F25302	0.01	0	0		
						942.50	947.50	5.00	F25303	0.02		0		
						947.50	951.40	3.90	F25304	0.01	0	0		
						951.40	953.40	2.00	F25305	0.03	0	0		
						953.40	956.00	2.60	F25306	2.85	7	0		
						956.00	958.00	2.00	F25307	0.45	0	0		
						958.00	963.00	5.00	F25308	0.01	2	0		
						963.00	968.00	5.00	F25309	0.01	4	0		
						968.00	973.00	5.00	F25310	0.01	4	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						973.00	977.00	4.00	F25311	0.01		0		
						977.00	979.40	2.40	F25312	0.01	0	0		
						979.40	981.00	1.60	F25313	0.12	0	0		
						981.00	984.00	3.00	F25314	0.01		0		
						984.00	989.00	5.00	F25315	0.17	2	0		
						989.00	994.00	5.00	F25316	0.07	10	0		
						994.00	999.00	5.00	F25317	0.01		0		
						999.00	1004.00	5.00	F25318	0.21	0	0		
						1004.00	1246.80	242.80						EOH



42A10SW2029

2.24187

MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-54	13935	4756	10895	1207.4	3/25/02	EZ Shot	BQ	S. Harding	S	Hopson	1.1+00W.6+25S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-53	13935.00	4756.00	10895.00	
80.00	340	-53	13918.53	4801.24	10831.11	
260.00	344	-53	13885.08	4904.20	10687.35	
620.00	347	-54	13831.42	5111.42	10397.98	
770.00	350	-54	13813.85	5197.79	10276.62	
940.00	350	-53	13796.29	5297.37	10139.97	
1200.00	353	-53	13773.17	5452.07	9932.33	

Mining Claim: 12579, 12679

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Start Date	End Date
3/19/02	3/23/02

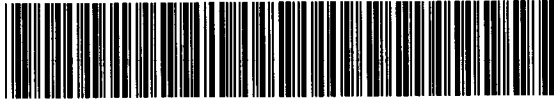
Signed by:

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	31.00	OB				0.00	31.00	31.00						OB
31.00	104.20	1tc,ch	95	40	dk grey-grey/green,tr-wk ch,sm flt @ 50'	31.00	694.00	663.00						
104.20	117.30	2fe,m,ch	100	40	grey/green,mod lx,vwk-wk perv ca,slightly coarser grained,mn ch fracs,tr qcs	694.00	699.00	5.00	F26761	0.01	1	0		
						699.00	704.00	5.00	F26762	0.01	5	0		
117.30	145.50	2,m,fbx,ch	95	40	green,fbx in top 16',msv in rest,tr qcs at top,tr py	704.00	709.00	5.00	F26763	0.36	3	0		
145.50	173.30	1,ch	100	40	grey/green,wk-mod ch,mn tc	709.00	714.00	5.00	F26764	0.73	3	1		
173.30	183.20	2fe,m,ch	90	40	green,wk-mod lx,tr-1% qcbs,sm flt? at lower cnt	714.00	719.00	5.00	F26765	0.22	2	0		
183.20	217.30	1,ch	95	40	dk grey/green,wk-mod ch,mn tc	719.00	724.00	5.00	F26766	0.33	4	1		
217.30	248.00	2fe,m,ch	100	40	green-grey/green,slightly coarser grained w/ fg margins,loc tr-mod lx,tr qcbs	724.00	729.00	5.00	F26767	1.07	2	1		
						729.00	734.00	5.00	F26768	0.50	4	2		
248.00	302.00	1,sr	95	40	dk grey-black w/ wk green sr,str magnetic,tr qcs	734.00	738.50	4.50	F26769	0.32	1	0		
302.00	366.20	1,ch	100	50	dk grey/green,wk-mod ch,mn tc,mn sr at top,tr qcs,3" qcs @ 318.2'	738.50	741.50	3.00	F26770	0.40	4	1		
						741.50	744.50	3.00	F26771	0.89	5	2		
366.20	375.20	2fe,si	100	50	dyke?,lt grey/green,wk-mod si,wk-mod lx,tr qcs at top	744.50	747.50	3.00	F26772	3.57	3	2		
375.20	451.50	1,ch,tc	100	45	grey/green-grey,wk-mod ch,tr-wk tc,wk ch fracs	747.50	749.70	2.20	F26773	0.24	2	1		
451.50	473.00	2fe,m,ch	95	45	green,msv mod-str lx,mn ch fracs,tr-1% pk/gy qcbs	749.70	752.70	3.00	F26774	0.13	7	0		
473.00	531.60	1,ch,tc	100	45	grey/green-grey,wk ch,tr-wk tc,msv w/ mn ch fracs,tr qcs	752.70	757.70	5.00	F26775	0.01	4	0		
531.60	544.60	2fe,m,ch	100	45	green-grey/green,mod-str lx,wk ch fracs,mn tc at end,tr qcs	757.70	762.70	5.00	F26776	0.04		0		
						762.70	767.00	4.30	F26777	0.02		0		
544.60	600.60	1,ch,sr	100	45	dk grey/green-black,loc tr-wk sr,wk ch,loc wk ca,tr qcs									

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
600.60	699.00	2.p,si	95	45	grey/green/brown.wk-mod si.wk ch,loc wk bl,wkly pil,wk ch fracs/mn bx.tr qcbs.sm flt @ 635.7'	767.00	769.00	2.00	F26778	0.01			0	
699.00	747.50	2.si,bl	100	45	lt tan/grey/green,wk-mod si,mn-wk bl,tr-wk cb,wk-mod frac,4% qs,tr-1% py	769.00	770.30	1.30	F26779	0.85	2	2		
747.50	749.70	2fe,BI,Lx	100	45	tan,wk-mod bl,mod-str lx,mn si/cb,2% qs,1% py	770.30	775.30	5.00	F26780	0.14	7	0		
749.70	756.60	1cb,fu	100	45	grey-grey/green,loc tr-mod fuch,mn rust,5% qs	775.30	780.30	5.00	F26781	0.02	5	0		
756.60	769.00	1cb,se	100	45	grey/brown,tr-wk se,mn fuch at lower cnt	780.30	782.30	2.00	F26782	0.21	5	0		
769.00	770.30	7bn,se	100	60	olive green/grey,tr-wk se,mn cb,2% qs,2% py	782.30	784.30	2.00	F26783	0.20	15	7		
770.30	782.30	1fu,1cb	100	45	40% mod-str fuch,60% tr-wk fuch,mn rust,5% qs loc w/ tm	784.30	786.30	2.00	F26784	0.31	8	4		
782.30	791.10	7bn,se,qs,Py	100	45	olive green/grey,tr-wk se,13% qs < 2" wide,7% py,loc tr cpy	786.30	788.30	2.00	F26785	3.17	7	8		
791.10	795.70	1fu	100	45	green-grey/green,mod fuch,1-2% qs	788.30	791.10	2.80	F26786	4.25	22	8		
795.70	801.00	7bn,se	100	50	olive green/grey,wk se,4% qs,4% py,loc tr cpy	791.10	793.40	2.30	F26787	0.11	2	0		
801.00	809.00	1fu,cb	100	45	grey/green,wk-mod fuch,7% qs	793.40	795.70	2.30	F26788	0.07	1	0		
809.00	810.00	QV	100	25	approx 0.5' msv wh QV at 25 deg tca,mn cb,tr tm	795.70	798.20	2.50	F26789	0.89	5	3		
810.00	815.30	1fu,cb	100	45	grey/green,wk-mod fuch,mn rust at top,tr qs	798.20	801.00	2.80	F26790	1.17	4	4		
815.30	825.80	7bn,se,qs,Py	100	50	olive green/grey,loc tr-mod se,18% qs,7% py,loc tr cpy/tm,tr vg in qs @ 820',3.5" fuch frag @ 821.8'	801.00	804.00	3.00	F26791	0.15	7	0		
825.80	832.90	1fu,qs	95	45	green,mod-str fuch,17% qs < 4" wide	804.00	808.50	4.50	F26792	0.05	7	0		
832.90	834.20	7bn	100	50	grey/tan,5% qs,mn fuch frags	808.50	810.20	1.70	F26793	0.22	70	0		QV
834.20	836.90	1fu	100	45	lt green-grey/green,mod-str fuch,motl,2% qs,tr cpy	810.20	813.30	3.10	F26794	0.07	0	0		
836.90	842.40	7bn,si	100	50	lt grey,wk si,mn cb,5% qs,1% py	813.30	815.30	2.00	F26795	0.01	2	0		
842.40	848.00	1fu,cb	100	45	grey/green,mod fuch,1% qs	815.30	817.30	2.00	F26796	0.69	13	5		1.5" qs,tm
848.00	860.00	1cb,ch,se	100	45	grey/green,wk ch/se,tr fuch at top,tr qcbs	817.30	819.30	2.00	F26797	3.29	22	8		qs's
860.00	895.00	1tc,cb	100	45	grey,tr-wk cb,mn ch at top,tr qcbs	819.30	821.30	2.00	F26798	27.43	17	7		vg in qs
895.00	920.40	1tc	100	45	dk grey,mn ch,tr qcbs	821.30	823.30	2.00	F26799	1.87	8	5		3.5" fuch
920.40	926.20	2,m,ch,cb	100	60	dyke?,dk green-grey/green,tr-wk cb,mn ch fracs	823.30	825.80	2.50	F26800	1.06	30	8		qs's
926.20	939.30	1,ch,cb	100	60	dk grey/green-green,wk-mod ch,wk cb,tr qcbs	825.80	827.80	2.00	F26801	0.14	5	0		
939.30	948.70	2,m,ch,cb	100	60	dyke?,dk grey/green,wk ch/cb,mn ch fracs	827.80	830.90	3.10	F26802	0.16	25	0		qs's
948.70	956.20	1,ch,cb	100	60	dk grey/green-green,wk-mod ch,wk cb	830.90	832.90	2.00	F26803	0.02	17	0		
956.20	966.00	2,bl,si	100	60	tan/grey/green,wk-mod si/bl,tr-wk ch in top 3',mn cb,2% qs,tr py	832.90	834.20	1.30	F26804	0.24	5	0		
						834.20	836.90	2.70	F26805	1.17	3	0		
						836.90	839.40	2.50	F26806	0.99	7	3		
						839.40	842.40	3.00	F26807	0.12	4	1		
						842.40	844.40	2.00	F26808	0.01	3	0		
						844.40	849.40	5.00	F26809	0.02	2	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
966.00	1008.00	lcb	100	60	grey-grey/green,wk ch at top,loc tr-wk fuch,wk se in lower half,tr qs	849.40	854.40	5.00	F26810	0.16	0	0		
1008.00	1017.00	lfu	100	60	green-grey/green,mod fuch,3% qs	854.40	859.40	5.00	F26811	0.04	0	0		
1017.00	1042.00	lcb	95	60	grey-mn grey/green,loc tr-wk fuch,wk se at end,10% wk rust patches	948.70	953.20	4.50	F26812	0.01		0		
1042.00	1048.00	lcb,ch,se	100	60	grey/green,wk ch,mn se,1% qs	953.20	956.20	3.00	F26813	0.01		0		
1048.00	1051.30	2,bl,cb	100	60	dyke?,grey/brown,wk bl,tr-wk cb,mn ch fracs,5% qs at top cnt,2-3% py	956.20	959.20	3.00	F26814	0.01	1	0		
1051.30	1085.20	1,7,ch,tc	100	60	25-30% mafic dykes up to 3' wide in wk-mod ch/wk tc u.mafics,tr-1% qs	959.20	962.60	3.40	F26815	0.09	4	0		
1085.20	1093.60	7,se	100	70	grey-olive green/grey,loc tr-wk se,mn cb,tr fuch,wk ch spks,tr qs/py	962.60	966.00	3.40	F26816	0.26	3	1		
1093.60	1096.70	lcb,fu	100	60	grey/green,tr-wk fuch,1' se dyke @ 1095'	966.00	969.00	3.00	F26817	0.02		0		
1096.70	1105.00	lcb,tc	100	60	grey,wk tc,lcb in lower 1.2',0.7' dyke @ 1099'	969.00	974.00	5.00	F26818	0.01	1	0		
1105.00	1151.40	8fp,Py	90	50	pink/grey-olive green,25% wk-str se,wk ch fracs,5% qs,6% py,loc tr cpy	974.00	979.00	5.00	F26819	0.01	1	0		
1151.40	1154.50	ltc,ch	40	70	grey/green-green,wk-mod ch,4% qs	979.00	984.00	5.00	F26820	0.01	1	0		
1154.50	1155.50	FZ	0		broken core/gouge	984.00	989.00	5.00	F26821	0.01	3	0		
1155.50	1160.30	ltc,ch	90	60	grey/green-wk-mod ch,tr qs	989.00	994.00	5.00	F26822	0.01	0	0		
1160.30	1164.00	7,ch,cb	90	60	grey/green,wk ch/cb,10% qs	994.00	999.00	5.00	F26823	0.01	0	0		
1164.00	1172.00	ltc,ch	70	70	grey/green,wk ch,sm flts @ 1164.4 & 1171.8',0.7' ch dyke @ 1171.3'	999.00	1004.00	5.00	F26824	0.01	0	0		
1172.00	1176.10	7,ch,cb	75	70	grey/green,wk ch/cb,1% qcbs	1004.00	1009.00	5.00	F26825	0.01	7	0		
1176.10	1193.60	ltc,ch	85	60	grey-grey/green,loc tr-wk ch,sm flts @ 1177.8 & 1193'	1009.00	1014.00	5.00	F26826	0.01	2	0		
1193.60	1197.10	7	90	50	lamp?,grey/brown,wk ca	1014.00	1019.00	5.00	F26827	0.01	4	0		
1197.10	1207.40	ltc	95	60	grey-grey/green,loc tr-wk ch,EOH.	1019.00	1024.00	5.00	F26828	0.01		0		
						1024.00	1029.00	5.00	F26829	0.01		0		
						1029.00	1034.00	5.00	F26830	0.01	0	0		
						1034.00	1039.00	5.00	F26831	0.02	0	0		
						1039.00	1044.00	5.00	F26832	0.01	2	0		
						1044.00	1048.00	4.00	F26833	0.01	4	0		
						1048.00	1051.30	3.30	F26834	0.06	5	3		
						1051.30	1054.30	3.00	F26835	0.01	3	0		
						1054.30	1075.20	20.90						
						1075.20	1080.20	5.00	F26836	0.05	10	0		4" qv
						1080.20	1085.20	5.00	F26837	0.08	0	0		2.4' dyke
						1085.20	1089.00	3.80	F26838	0.01		0		
						1089.00	1093.60	4.60	F26839	0.01	0	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						1093.60	1097.00	3.40	F26840	0.19	2	0		1' dyke
						1097.00	1102.00	5.00	F26841	0.05	0	0		0.7' dyke
						1102.00	1105.00	3.00	F26842	0.01	1	1		
						1105.00	1108.00	3.00	F26843	0.36	8	6		
						1108.00	1111.00	3.00	F26844	4.18	5	6		
						1111.00	1114.00	3.00	F26845	0.79	6	6		
						1114.00	1117.00	3.00	F26846	4.79	5	8		
						1117.00	1120.00	3.00	F26847	1.82	4	5		
						1120.00	1123.00	3.00	F26848	5.73	6	5		
						1123.00	1126.00	3.00	F26849	1.44	5	8		
						1126.00	1129.00	3.00	F26850	1.08	1	4		
						1129.00	1132.00	3.00	F26851	2.57	3	7		
						1132.00	1135.00	3.00	F26852	2.99	4	5		
						1135.00	1138.00	3.00	F26853	1.78	3	4		
						1138.00	1141.00	3.00	F26854	1.92	5	5		
						1141.00	1144.00	3.00	F26855	1.20	3	5		
						1144.00	1148.00	4.00	F26856	2.64	3	5		
						1148.00	1151.40	3.40	F26857	2.13	20	5		
						1151.40	1154.40	3.00	F26858	0.09	5	0		
						1154.40	1159.40	5.00	F26859	0.01	0	0		1' FZ
						1159.40	1164.40	5.00	F26860	0.12	8	0		3.7' dyke
						1164.40	1207.40	43.00						EOH.



42A10SW2029

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
11P02-55	13935	4756	10895	1207.4	3/27/02	EZ Shot	BQ	S. Harding	S	Hopson	L1+00W.6+25S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-67	13935.00	4756.00	10895.00	
160.00	342	-67	13914.65	4815.10	10747.72	
330.00	344	-67	13895.23	4878.61	10591.23	
490.00	344	-67	13878.00	4938.71	10443.95	
650.00	346	-67	13861.82	4999.09	10296.67	
820.00	348	-67	13846.88	5063.80	10140.19	
990.00	353	-67	13835.93	5129.25	9983.70	
1200.00	353	-66	13825.72	5212.36	9791.12	

Mining Claim: 12679

Start Date	End Date
3/23/02	3/26/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	29.60	OB				0.00	29.60	29.60						OB
29.60	50.00	1tc,ch	95	40	grey/green,wk ch,1% qcs	29.60	773.00	743.40						
50.00	86.00	1tc	100	40	grey,loc mn ch	773.00	778.00	5.00	F27019	0.01	0	0		
86.00	124.20	1tc,ch	100	40	grey/green-grey,tr-wk ch,mn ca	778.00	783.00	5.00	F27020	0.01	0	0		
124.20	155.50	2,m,ch	100	40	grey/green-green,wk-mod ch,mn cb,mn ch frags,tr qs	783.00	785.00	2.00	F27021	0.01	0	0		
155.50	242.20	2fe,m,ch	100	50	coarser grained,grey/green,wk-mod lx,tr-1% pk/wh qcbs	785.00	787.20	2.20	F27022	0.14	2	0		1.2' 7bn
242.20	254.60	1,ch,tc	100	40	grey/green,wk-mod ch,mn tc,1.2' 2fe from 276.6-277.8'	787.20	789.80	2.60	F27023	0.24	1	0		
254.60	275.00	2fe,m,ch	100	50	coarser grained,grey/green,wk-mod lx,tr qcbs	789.80	791.80	2.00	F27024	0.90	3	1		vg in qs
275.00	411.00	1,sr	95	40	dk grey-black,wk sr,mn ca/ch in top 10',8% qz/ca veining	791.80	793.80	2.00	F27025	0.19	0	0		
411.00	546.00	1,ch,tc	95	35	grey/green-grey,wk-mod ch,loc tr-wk tc,wk ch frags,tr qcs	793.80	795.80	2.00	F27026	1.35	5	3		
546.00	573.00	2fe,m,ch	100	50	green,fg,mod-str lx,wk ca needles at margins,3% pink qcbs	795.80	797.80	2.00	F27027	0.61	25	3		0.8' 2,bl
						797.80	800.00	2.20	F27028	0.11	5	1		
573.00	597.60	1,ch	100	40	grey/green,wk-mod ch,msv w/ mn ch frags	800.00	802.40	2.40	F27029	0.21	3	0		
597.60	610.30	2fe,m,ch	100	50	green,fg,mod-str vfg lx,wk ca needles at cnts,tr-1% qcbs	802.40	805.40	3.00	F27030	0.33	7	1		
610.30	637.50	1,ch,tc	100	40	grey/green,wk-mod ch,tr-wk tc,tr qcs	805.40	808.40	3.00	F27031	0.64	12	2		
637.50	666.00	2fe,p,ch	100	40	green,mod-str vfg lx,wkly pil-msv,tr qcs	808.40	811.40	3.00	F27032	0.51	10	2		
666.00	680.00	1,ch,tc	100	40	grey/green,wk-mod ch,tr-wk tc,tr qcs	811.40	814.40	3.00	F27033	0.20	3	1		
680.00	700.80	1tc,ch	100	40	grey/green,wk ch/tc	814.40	816.60	2.20	F27034	0.06	1	0		
700.80	710.00	2fe,m,ch	100	40	grey/green-green,str lx,tr qcs									

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
710.00	723.70	ltc,ch	95	40	grey/green,wk ch,mn cb,1% qcs	816.60	819.60	3.00	F27035	0.01	0	0		
723.70	725.00	FZ	0	50	blocky,15% gouge/broken core at cnts	819.60	824.60	5.00	F27036	0.02	1	0		
725.00	729.40	ltc,ch	100	50	grey/green,wk ch	824.60	829.60	5.00	F27037	0.04			0	
729.40	733.80	2,m,ch	100	50	dk grey/green,wk-mod ch,mn cb,1% qcs,tr py	829.60	834.60	5.00	F27038	0.05	1	0		
733.80	740.50	ltc,ch	100	50	grey/green,wk ch,mn cb,5% qcs	834.60	839.60	5.00	F27039	0.07	1	0		
740.50	778.70	2,p,ch,cb	100	50	grey/green,wk-mod cb,tr qs	839.60	844.60	5.00	F27040	0.03	3	0		
778.70	785.00	2,p,cb	100	50	grey/green,mod-str cb,wk-mod ch	844.60	849.60	5.00	F27041	0.02	2	0		
785.00	786.20	7bn,se	100	70	grey/olive green,tr-wk se,4% qs,1% py	849.60	854.60	5.00	F27042	0.04			0	
786.20	787.20	lfu	100	70	grey/green,wk-mod fuch,motl	854.60	859.60	5.00	F27043	0.06	0	0		
787.20	795.80	2,bl	100	60	grey-wk grey/green,mn cb,loc tr-wk fuch/ch,2% qs,tr-1% py,tr vg in tiny qs @ 791.4'	859.60	864.60	5.00	F27044	0.12	0	0		
795.80	796.40	lfu	100	70	green,mod-str fuch,20% qs	864.60	869.60	5.00	F27045	0.04	1	0		
796.40	797.20	2,bl,qs	100	70	lt grey/green,wk bl/se,mn fuch,35% qs,3% py	869.60	872.80	3.20	F27046	0.02	0	0		
797.20	802.40	lfu	100	60	green-grey/green,mod-str fuch,motl/ps,4% qs	872.80	874.80	2.00	F27047	0.05			0	
802.40	816.60	2,si,bl	100	70	lt grey/tan,wk-mod si,wk bl,tr se/ch,7% qs,1% py	874.80	877.40	2.60	F27048	3.31	2	4		
816.60	832.00	1cb	100	50	grey-grey/green at top,wk fuch in top 1',tr-wk se,tr qs	877.40	880.00	2.60	F27049	0.59	3	4		
832.00	874.80	1cb,fu	100	50	grey/green,loc tr-mod fuch,tr rust along fracs,tr-1% qs	880.00	882.00	2.00	F27050	0.02			0	
874.80	880.00	7bn,se	100	60	olive green/grey,tr-wk se,3% qs,4% py	882.00	886.00	4.00	F27051	0.02	1	0		
880.00	892.40	1cb,fu	95	45	grey-grey/green,loc tr-wk fuch	886.00	890.40	4.40	F27052	0.05	0	0		
892.40	894.50	7bn,qs	100	60	grey,mn se,8% qs,3% py	890.40	892.40	2.00	F27053	0.06	2	0		
894.50	901.40	1cb	100	45	grey-mn grey/green,loc mn fuch,0.4' 7bn @ 899.6'	892.40	894.50	2.10	F27054	0.03	8	3		
901.40	906.00	2,bl	100	55	grey,wk-mod bl,mn se,5% qs,2% py,tr vg in qs @ 905.6'	894.50	898.40	3.90	F27055	0.05	0	0		
906.00	912.30	7bn,se	100	50	olive green/grey,wk se,8% qs,2% py	898.40	901.40	3.00	F27056	0.02	0	0		0.4' 7bn
912.30	920.50	2,bl,cb	100	55	grey,wk-mod bl,wk cb,fuch frags at lower cnt,4% qs,2% py	901.40	904.00	2.60	F27057	0.57	3	0		
920.50	923.50	2,si,bl	100	60	grey,wk-mod bl,wk cb,fuch frags at lower cnt,4% qs,2% py	904.00	906.00	2.00	F27058	2.08	7	4		vg in qs
923.50	930.10	1cb,fu,se	100	60	lt grey/tan,wk-mod si,wk bl,12% qs,tr py	906.00	908.00	2.00	F27059	0.11	7	3		
930.10	932.30	7bn,se,qs	100	60	grey/green,loc tr-mod fuch,tr-wk se,tr qs	908.00	910.00	2.00	F27060	0.13	6	2		
932.30	936.70	lfu	95	60	olive green/grey,wk-mod se,18% qs,2% py	910.00	912.30	2.30	F27061	0.09	13	2		
936.70	940.00	7bn,se,qs,py	100	60	green-grey/green,mod-str fuch,loc wk se/bl patches,6% qs,tr py	912.30	914.30	2.00	F27062	1.95	6	4		
940.00	941.90	lfu,qs	100	60	dk olive green,mod-str se,20% qs,5% py	914.30	916.30	2.00	F27063	0.98	6	3		
941.90	945.90	7,se	100	60	lt olive green,mod se,wk fuch spks,3% qs,tr py	916.30	918.30	2.00	F27064	14.74	2	2		
						918.30	920.50	2.20	F27065	0.13	2	0		
						920.50	923.50	3.00	F27066	0.61	12	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
945.90	948.50	7bn,se,qs	80	60	olive green/grey,wk se,25% low angle qs,2% py	923.50	926.80	3.30	F27067	0.02		0		
948.50	949.70	7,Se	100	60	lt olive green,mod se,wk fuch spks,wk fuch at lower cnt,1% tiny qs.tr py	926.80	930.10	3.30	F27068	0.09	1	0		
949.70	955.00	2,m,BI,cb	100	70	grey,wk-mod bl,wk cb,1% qs,tr-1% py	930.10	932.30	2.20	F27069	1.12	18	2		
955.00	981.00	lcb,se	100	65	grey-grey/brown,loc tr-wk se,mn fuch,mn rust,tr qs	932.30	936.70	4.40	F27070	0.47	6	0		
981.00	1024.00	lcb	100	50	grey-mn grey/green,loc tr fuch/mn se	936.70	940.00	3.30	F27071	0.52	20	5		
1024.00	1032.60	lcb,fb	95	50	grey/green.tr-mod fuch	940.00	941.90	1.90	F27072	0.40	7	0		
1032.60	1036.80	8fp	100	75	grey/pink,loc tr-wk se,6% qs,3% py	941.90	943.90	2.00	F27073	0.05	3	0		
1036.80	1046.00	lcb,fb	100	60	grey-grey/green,tr-wk fuch	943.90	945.90	2.00	F27074	0.69	3	0		
1046.00	1069.00	ltc,cb	100	60	dk grey,tr-wk cb,mn ch	945.90	948.50	2.60	F27075	2.28	25	2		
1069.00	1127.50	ltc,ch	100	60	dk grey/green,wk ch,mn cb at top,tr qcs	948.50	949.70	1.20	F27076	2.47	1	0		
1127.50	1140.70	FZ	10	60	blocky,15% gouge/broken core	949.70	952.50	2.80	F27077	0.07	1	1		
1140.70	1183.00	ltc,ch	100	60	grey/green w/ bluish tinge,wk-mod ch,sm flt @ 1147.5'	952.50	955.00	2.50	F27078	0.07	1	0		
1183.00	1207.40	ltc	100	60	grey,talc-rich,tr qcs,EQH.	955.00	958.00	3.00	F27079	0.01	0	0		
						958.00	963.00	5.00	F27080	0.07		0		
						963.00	968.00	5.00	F27081	0.01	2	0		
						968.00	973.00	5.00	F27082	0.22		0		
						973.00	978.00	5.00	F27083	0.03	2	0		
						978.00	983.00	5.00	F27084	0.06	2	0		
						983.00	988.00	5.00	F27085	0.02	0	0		
						988.00	993.00	5.00	F27086	0.07		0		
						993.00	1015.60	22.60						
						1015.60	1020.60	5.00	F27087	0.02	0	0		
						1020.60	1025.60	5.00	F27088	0.02	0	0		
						1025.60	1030.60	5.00	F27089	0.02	1	0		
						1030.60	1032.60	2.00	F27090	0.02	0	0		
						1032.60	1034.70	2.10	F27091	1.18	5	2		8fp
						1034.70	1036.80	2.10	F27092	0.32	8	4		8fp
						1036.80	1038.80	2.00	F27093	0.01		0		
						1038.80	1043.80	5.00	F27094	0.14		0		
						1043.80	1048.80	5.00	F27095	0.01		0		
						1048.80	1207.40	158.60						EOH.



42A10SW2029

2.24187

MACKLEM

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-56	14023	4795	10895	1207.4	3/4/02	EZ Shot	BQ	S. Harding	S	Hopson	L0+00.6+255

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-47	14023.00	4795.00	10895.00	
100.00	348	-47	14004.25	4860.40	10821.86	
480.00	345	-47	13943.77	5112.31	10543.95	
820.00	348	-47	13889.66	5337.71	10295.29	
920.00	347	-47	13874.90	5404.29	10222.15	
1200.00	355	-47	13845.10	5592.44	10017.38	

Mining Claim: 12579, 12679

Start Date	End Date
2/27/02	3/3/02

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet						Fee								
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	28.60	OB				0.00	28.60	28.60						OB
28.60	108.30	2,p,ch	95	50	dk green,pil w/ mn msv sections,loc mn vars/pbx,loc wk perv ca,tr-1% qcs	28.60	210.70	182.10						
108.30	145.00	2,m,ch	100	50	green,slightly coarser grained,mn ch frags,loc vwkv perv ca,tr qcs	210.70	212.20	1.50	F23597	0.04	40	0		QCV
145.00	162.40	1,sr	85	50	black,hard,mod-str magnetic,loc mn green sr,mn ca frags,sm qcv's at cnts	212.20	643.30	431.10						
162.40	176.30	2,m,ch,ca	95	50	dk green-grey/green,msv/motl,wk ca,loc wk hem/sr,tr qcs	643.30	648.30	5.00	F23598	0.02		0		
176.30	211.20	1,sr	75	50	black,mod-str magnetic,loc mn green sr,tr qcs/ca strgrs,3" qcv at top cnt,sm flts @ 186.5 & 190'	648.30	651.30	3.00	F23599	0.03		0		
211.20	211.80	QCV	100	65	bx wh QCV,12% sr,35% frags	651.30	653.30	2.00	F23600	0.04	5	2		8fp
211.80	240.00	1,sr,ch	85	50	black-dk grey/green,loc wk ch,mn tc/sr,tr qcs,mn ca strgrs	653.30	657.30	4.00	F23601	0.01	0	0		
240.00	422.00	1tc,ch	95	40	dk grey/green-grey,wk-mod ch,wk ch frags,mn ca strgrs,tr qcs	657.30	662.30	5.00	F23602	0.04		0		
422.00	471.60	2,m,ch	100	40	dk grey/green-green,mod ch,msv w/ loc pil/vars?,wk ch frags,tr qcs/ca strgrs,sm flt @ 449.3'	662.30	666.00	3.70	F23603	0.01		0		
471.60	486.00	1tc,ch	95	40	dk grey/green,wk ch,mn cb,blocky core at top cnt	666.00	670.60	2.50	F23604	0.01	10	4		8fp
486.00	596.80	2,p,ch	100	40	green-grey/green,pil-mn msv patches,loc mn pbx/cb,wk ch frags,tr qs/qcbs	670.60	673.10	2.50	F23605	0.02	5	1		8fp
596.80	617.00	2,p,ch,si	95	40	grey/green,wkly si w/ mn non si patches,loc mn pbx,tr-1% qs	673.10	676.10	3.00	F23606	0.28	8	0		8fp
617.00	636.50	2,p,ch	100	40	green,pil/pbx,mn cb,tr qcs/ca strgrs	676.10	681.00	4.90	F23607	0.01		0		
						681.00	686.00	5.00	F23608	0.02	0	0		
						686.00	689.00	3.00	F23609	0.01		0		0.7' dyke
						689.00	693.70	4.70	F23610	0.01		0		
						693.70	698.70	5.00	F23611	0.04		0		
						698.70	703.70	5.00	F23612	0.01		0		
									F23613	0.01		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
636.50	651.30	1tc,ch	100	40	dk grey/green,wk ch/ca,mn cb in lower part,loc mn rust	703.70	705.70	2.00	F23614	0.22	4	0		
651.30	653.30	8fp	100	60	grey,dk grey/green ch cnts,5% qs,2% py	705.70	707.70	2.00	F23615	0.20	8	4		
653.30	666.00	1tc,cb	100	40	dk grey-grey/green,wk cb,mn ch	707.70	709.70	2.00	F23616	0.27	8	3		
666.00	673.10	8fp,se	100	70	lt grey/green,wk-mod se,ch cnts,7% qs,1% py	709.70	711.70	2.00	F23617	0.03	0	0		
673.10	696.00	1cb,tc	100	40	grey,mn tc/ch.0.7' ch mafic dyke @ 686.4'	711.70	716.70	5.00	F23618	0.02	0	0		
696.00	705.70	1cb	100	40	grey,tr qs,wk-mod fuch in lower 0.7'	716.70	721.70	5.00	F23619	0.12	2	0		
705.70	709.70	7bn,se,qs	95	50	olive green/grey,wk-mod se,mn ch/rust at cnts,8% qs,4% py	721.70	726.70	5.00	F23620	0.03	0	0		
709.70	731.70	1cb,fu	95	50	grey-grey/green,loc tr-wk fuch,mn rust patches,tr qs	726.70	731.70	5.00	F23621	0.11	1	0		
731.70	742.00	1fu,qs	90	50	lt green,mod fuch,30% rust,8% qs < 3" wide,loc tr tm	731.70	736.70	5.00	F23622	0.09	15	0		qs's
742.00	755.20	1cb,fu	90	50	grey/green-grey,tr-wk fuch,mn rust,6% qs < 3" wide w/ mn tm	736.70	741.70	5.00	F23623	0.38	4	0		
755.20	762.00	2bl,cb,fu	100	50	grey-grey/green,loc wk-mod bl/tr-wk fuch,mn ch,wk cb,tr qs	741.70	746.70	5.00	F23624	0.04	4	0		
762.00	776.20	1cb,fu	100	50	grey/green,loc tr-mod fuch,2% qs,tr tm	746.70	751.70	5.00	F23625	0.09	12	0		qs's,tm
776.20	777.00	QV,tm	100	35	approx 0.5' msv wh QV at 35 deg tca,mn cb,12% tm	751.70	755.20	3.50	F23626	0.03	2	0		
777.00	779.50	2cb,bl	100	50	grey,wk bl/cb,mn ch frags	755.20	758.60	3.40	F23627	0.01	1	0		
779.50	791.40	1cb,se,fu	100	50	grey/green/brown,wk se,loc tr-wk fuch,1% qs	758.60	762.00	3.40	F23628	0.23	2	0		
791.40	792.60	8fp	100	50	8fp?,grey,wk-mod ch,mn se,10% fuch frags,tr qcbs	762.00	767.00	5.00	F23629	0.29	1	0		
792.60	798.00	1fu,se	100	50	green-grey/green,mod fuch,wk se,tr-1% qs	767.00	772.00	5.00	F23630	0.01	4	0		
798.00	803.30	7bn,Se,qs	80	50	olive green,mod-str se,tr rust,10% qs < 1" wide,4% py,tr vg in 0.5" qs @ 799'	772.00	776.00	4.00	F23631	0.07	2	0		QV,tm
803.30	815.00	1fu	100	50	green,mod-str fuch,mn rust at end,3% qs loc w/ tm	776.00	777.00	1.00	F23632	0.49	75	0		
815.00	823.80	1cb,se	100	50	grey/brown,wk se,tr fuch at cnts,15% rust	777.00	782.00	5.00	F23633	0.10	3	0		
823.80	827.80	1fu	100	50	grey/green,mod fuch,3% qs,0.5' mvo/8fp @ 825.7'	782.00	787.00	5.00	F23634	0.01	1	0		
827.80	840.40	2fu	100	50	lt green,mod-str fuch,motl,8% qv/qs < 4" wide,tr-1% py	787.00	791.00	4.00	F23635	0.01	0	0		
840.40	842.90	2Bl	100	50	tan/grey,mod bl,loc wk se,15% fuch frags,3% qs,1% py	791.00	793.00	2.00	F23636	0.37	1	0		1.2' 8fp?
842.90	844.70	2fu,se	100	50	grey/green,wk-mod fuch,wk se,7% qs	793.00	796.00	3.00	F23637	0.35	3	0		
844.70	852.00	2,p,Bl,se	100	50	lt tan,mod bl,wk se,wkly pil,mn fuch spks,4% qs,2% py,loc tr cpy	796.00	798.00	2.00	F23638	0.05		0		
852.00	873.00	2fu,p	100	50	green-grey/green,mod-str fuch,wk ch/se in top 7',tr-1% qs	798.00	800.00	2.00	F23639	1.29	5	4		vg in qs
873.00	883.00	1cb,fu	100	50	grey-grey/green,loc tr-wk fuch,mn mafics,tr qs	800.00	803.30	3.30	F23640	3.87	12	4		
883.00	903.80	1cb,se	100	50	mafic?,grey/green/brown,wk-mod se,tr fuch,mn ch	803.30	805.30	2.00	F23641	0.27	1	0		
						805.30	808.30	3.00	F23642	0.24	8	0		2" qs,tm
						808.30	813.30	5.00	F23643	0.01	7	0		
						813.30	818.30	5.00	F23644	0.05	5	0		
						818.30	823.30	5.00	F23645	0.08		0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
903.80	909.40	7bn.se.Py	100	60	8fp',olive green/grey,tr-wk se.5% qs,5% py,tr vg in qs @ 907'	823.30	827.80	4.50	F23646	0.34	3	0		
909.40	920.00	1cb,fu.se	100	50	grey/green,tr-wk fuch.wk se,tr qs	827.80	831.30	3.50	F23647	1.66	7	1		
920.00	928.00	1cb.se	100	50	grey/green/brown,wk se,mn ch,tr fuch.tr qs	831.30	833.80	2.50	F23648	0.51	4	0		
928.00	953.60	1tc,cb.ch	100	50	dk grey-grey/green,wk ch/cb,2 x 0.5' 8fp from 932.5-934.8'	833.80	837.40	3.60	F23649	0.96	20	0		qv/qs,tm
953.60	955.40	8fp,ch	100	60	dk grey/green,wk ch,mn cb,tr-1% py	837.40	840.40	3.00	F23650	0.63	3	0		
955.40	1004.30	1tc,cb,ch	100	50	dk grey/green,tr-wk cb/ch,loc mn se,0.5' 8fp @ 991.3'	840.40	842.90	2.50	F23651	0.06	3	1		
1004.30	1007.00	8fp,sl	100	60	grey-grey/green,wkly si,tr-wk ch at top,wk cb	842.90	844.70	1.80	F23652	0.05	4	0		
1007.00	1020.70	1cb.se	100	50	grey/brown/green,wk se,tr fuch	844.70	847.00	2.30	F23653	1.14	3	2		
1020.70	1038.20	1cb,fu	100	50	grey/green,loc tr-mod fuch,loc wk se,tr qs	847.00	849.50	2.50	F23654	1.67	8	4		tr cpy
1038.20	1042.10	1fu	100	50	green,str fuch,tr qs	849.50	852.00	2.50	F23655	0.04	0	0		
1042.10	1047.20	7bn,se	100	65	8fp?,grey/brown/olive green,tr-wk se,5% qs,4% py	852.00	855.00	3.00	F23656	0.02	0	0		
1047.20	1054.50	1fu,cb	100	60	grey/green-green,wk-mod fuch,tr qs	855.00	859.00	4.00	F23657	0.03	0	0		
1054.50	1066.50	1cb,fu,tc	100	60	grey/green-dk grey,loc tr-wk fuch	859.00	863.00	4.00	F23658	0.58	3	0		
1066.50	1081.60	1tc,cb	100	60	dk grey,wk cb,mn ch	863.00	868.00	5.00	F23659	0.06	0	0		
1081.60	1083.80	8fp,cb	100	60	grey/pink,wk cb,mn ch fracs,tr qcbs	868.00	873.00	5.00	F23660	0.31	1	0		
1083.80	1099.40	1tc,cb	100	60	dk grey,wk cb,mn ch	873.00	878.00	5.00	F23661	0.18	2	0		
1099.40	1103.00	8fp,cb	100	60	grey/mn pink,wk cb,mn ch,tr qcbs	878.00	883.00	5.00	F23662	0.21	0	0		
1103.00	1106.80	1tc,cb	100	60	as above	883.00	888.00	5.00	F23663	0.23	0	0		
1106.80	1108.60	8fp,cb	100	60	grey/pink,wk cb,mn ch	888.00	893.00	5.00	F23664	0.14	0	0		
1108.60	1146.80	1tc,se	100	60	grey-grey/olive green,loc wk-mod se,tr qs	893.00	898.00	5.00	F23665	0.02	0	0		
1146.80	1149.20	7,ch,cb	100	60	dk green,wk ch/cb	898.00	901.80	3.80	F23666	0.02	0	0		
1149.20	1152.50	1tc	100	60	dk grey-grey/green,wk ch	901.80	903.80	2.00	F23667	0.19	0	0		
1152.50	1155.00	7	90	60	lamprophyre,dk brown,mod-str biotite,2% qcbs.sm flt @ 1154.5'	903.80	906.60	2.80	F23668	3.77	3	6		
1155.00	1158.80	1tc,ch	100	60	dk grey/green,wk ch	906.60	909.40	2.80	F23669	3.05	6	4		vg in qs
1158.80	1160.40	7,ch	100	60	grey/green,wk-mod ch,tr-1% py	909.40	911.40	2.00	F23670	0.12	0	0		
1160.40	1175.00	1tc,ch,ca	100	60	grey/green,wk ch/ca,more msv	911.40	914.40	3.00	F23671	0.01	2	0		
1175.00	1176.50	7	100	60	lamprophyre,dk brown,str biotite	914.40	919.40	5.00	F23672	0.07	1	0		
1176.50	1182.20	1tc,ch,ca	100	60	as above	919.40	924.40	5.00	F23673	0.04	0	0		
1182.20	1189.00	7	85	60	lamprophyre,1185.8-1186.8: 1tc,1186.8-1186.9: flt	924.40	929.40	5.00	F23674	0.05	0	0		
1189.00	1191.70	1tc,ch	100	60	wk ch/ca	929.40	934.90	5.50	F23675	0.01	0	0		2 x 8fp
						934.90	953.60	18.70						
						953.60	955.40	1.80	F23676	0.01	0	0		8fp 4

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
1191.70	1193.00	8fp	70	60	grey, 1% qs, 2% py	955.40	990.30	34.90						
1193.00	1194.30	FZ.LC	0		blocky, wk gouge, approx 50% lost core	990.30	995.30	5.00	F23677	0.01		0		0.5' 8fp
1194.30	1207.40	1tc.ch	90	60	grey/green, wk ch, sm fit @ 1204.5'. EOH.	995.30	1000.30	5.00	F23678	0.01		0		
						1000.30	1004.30	4.00	F23679	0.01		0		
						1004.30	1007.00	2.70	F23680	0.02	0	0		
						1007.00	1011.10	4.10	F23681	0.02		0		
						1011.10	1016.10	5.00	F23682	0.01		0		
						1016.10	1021.10	5.00	F23683	0.01		0		
						1021.10	1026.10	5.00	F23684	0.04	1	0		
						1026.10	1031.10	5.00	F23685	0.13	0	0		
						1031.10	1036.10	5.00	F23686	0.41	1	0		
						1036.10	1040.10	4.00	F23687	0.02	1	0		
						1040.10	1042.10	2.00	F23688	0.01	4	0		
						1042.10	1044.60	2.50	F23689	2.85	6	4		
						1044.60	1047.20	2.60	F23690	2.40	4	4		
						1047.20	1049.20	2.00	F23691	0.07	1	0		
						1049.20	1052.20	3.00	F23692	0.01		0		
						1052.20	1057.20	5.00	F23693	0.06	2	0		
						1057.20	1062.20	5.00	F23694	0.01		0		
						1062.20	1081.60	19.40						
						1081.60	1083.80	2.20	F23695	0.01	1	0		8fp
						1083.80	1096.40	12.60						
						1096.40	1099.40	3.00	F23696	0.01		0		
						1099.40	1103.00	3.60	F23697	0.01	0	0		8fp
						1103.00	1106.80	3.80	F23698	0.01		0		
						1106.80	1108.60	1.80	F23699	0.01	0	0		8fp
						1108.60	1111.60	3.00	F23700	0.01		0		
						1111.60	1207.40	95.80						EOH.



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MACKLEM

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Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-57	14023	4795	10895	1099	3/7/02	EZ Shot	BQ	S. Harding	S	Hopson	1.0+00.6+255

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-62	14023.00	4795.00	10895.00	
150.00	347	-62	14003.04	4862.39	10762.56	
490.00	349	-63	13970.36	5015.92	10460.99	
650.00	353	-63	13959.00	5087.62	10318.42	
800.00	355	-63	13951.88	5155.34	10184.77	
990.00	359	-63	13947.37	5241.42	10015.48	

Mining Claim: **12679**

Start Date	End Date
3/3/02	3/6/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	24.40	OB				0.00	24.40	24.40						OB
24.40	73.00	2,p,ch,ca	100	50	grey/green,wk perv ca,loc mn se,loc wk vars,tr qcs/ca strgrs	24.40	220.30	195.90						
73.00	125.00	2,p,ch	100	50	dk green-grey/green,mn ca,loc mn si patches,pil/mn pbx,tr qcs	222.50	760.00	537.50	F20706	0.01	95			QCV
125.00	170.30	2,m,hy,ch	100	50	green,slightly coarser grained,wk ch frags,grad top cnt,wk hy,tr qcs	760.00	765.00	5.00	F20707	0.01	0	0		
170.30	211.00	1,sr	75	50	black,str magnetic,tr-wk green sr,loc wk perv ca,sm flt @ 187'	765.00	770.00	5.00	F20708	0.01	0	0		
211.00	220.30	1,sr,ca	100	50	dk grey,wk-mod perv ca,mn sr,tr qcs	770.00	774.00	4.00	F20709	0.01	3	0		
220.30	222.50	QCV	100	30	msv-wkly bx wh/gv QCV,mod ca,15% frags at margins	774.00	777.00	3.00	F20710	0.49	3	0		
222.50	240.00	1,sr,ca	95	50	dk grey-black,wk perv ca,mn sr,tr qcs	777.00	780.00	3.00	F20711	0.03	0	0		
240.00	280.00	1,sr	90	50	black,loc mn ca,tr-wk sr,2-3% ca strgrs	780.00	785.00	5.00	F20712	0.01	2	0		
280.00	342.20	1tc,ch,ca	100	50	dk grey-grey/green,wk ch,loc wk ca,mn cg frags,tr qcs	785.00	789.00	4.00	F20713	0.18	0	0		
342.20	348.30	7,si	100	50	green-grey/green,wkly si,mn ca,tr qcs	789.00	792.30	3.30	F20714	0.03	0	0		
348.30	365.50	1tc,ch	100	50	grey/green,mn ca,wk ch,sm flt @ 365.3'	792.30	794.30	2.00	F20715	0.06	5	0		
365.50	391.00	1,sr,ch	100	50	dk grey-black,wk ch,mn ca/sr,grad cnts	794.30	796.00	1.70	F20716	1.68	12	5		
391.00	406.50	1tc,ch	100	50	grey-gre/green,mn ch,tr qcs	796.00	798.00	2.00	F20717	7.03	7	10		2 x vg/qs
406.50	439.00	2fe,m,ch	100	50	green-grey/green,msv/mn hy,mod lx,wk ch frags,tr qcs	798.00	800.00	2.00	F20718	2.40	5	7		
439.00	482.00	1tc,ch	100	50	dk grey-grey/green,wk ch,loc wk ca	800.00	802.50	2.50	F20719	9.57	8	10		
482.00	510.00	2fe,m,ch	100	50	green,msv mn ca,wk-mod vfg lx,tr qcs	802.50	804.80	2.30	F20720	6.00	17	7		3.5" qv
						804.80	807.50	2.70	F20721	8.91	0	0		
						807.50	810.50	3.00	F20722	7.47	3	2		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
510.00	572.70	2fe,p,ch,cb	100	50	grey/green.tr-wk cb,tr-wk lx,wkly pil-msv,loc mn vars,tr qcs	810.50	812.50	2.00	F20723	0.56	3	0		
572.70	667.00	1.sr,ch	95	50	dk grey/green-black,wk ch,loc mn sr.tr qcs	812.50	814.50	2.00	F20724	0.88	8	2		
667.00	720.70	2,p,ch	95	40	green-grey/green,mn cb,tr qcs	814.50	816.50	2.00	F20725	0.27	4	1		
720.70	721.50	8fp	80	70	pink/grey,wk ch,5% qcs	816.50	819.50	3.00	F20726	0.08	3	1		
721.50	722.90	1tc.ch,ca	100	60	green,wk-mod ch,wk ca	819.50	822.00	2.50	F20727	0.46	40	0		0.6' QV
722.90	723.70	8fp	100	70	grey/green/pink,tr qcs,tr-1% py	822.00	826.00	4.00	F20728	0.08	2	0		
723.70	725.10	FZ	40	70	blocky,20% gouge,15% 8fp	826.00	830.80	4.80	F20729	0.03	1	0		
725.10	725.80	8fp	100	70	red/brown,mn ch,tr py	830.80	834.80	4.00	F20730	0.07	4	0		
725.80	726.30	1tc,ch	100	70	grey/green,wk ca	834.80	836.80	2.00	F20731	0.42	35	0		0.3' QV
726.30	750.90	2,p,ch,ca	100	50	dk grey/green,wk perv ca,loc wk vars,tr qcs	836.80	839.30	2.50	F20732	3.12	3	8		
750.90	751.50	FZ	0		blocky/broken core,15% gouge	839.30	841.30	2.00	F20733	1.01	4	8		
751.50	769.00	2,p,ch,cb	100	50	grey/green,wk cb,loc wk vars,tr qcs	841.30	843.30	2.00	F20734	1.90	7	8		
769.00	777.00	2,p,vr,bl	90	50	grey/tan,tr-wk bl,mn se,wk-mod vars,3% qs	843.30	845.30	2.00	F20735	0.04	0	0		
777.00	789.00	1cb,se	95	50	grey/brown,wk-mod se,mn ch,10% rust in top 3',tr qs	845.30	849.60	4.30	F20736	0.14	7	0		
789.00	794.30	1fu,cb	100	50	grey/green,wk-mod fuch,mn se,1% qs,2" qs at lower cnt	849.60	854.60	5.00	F20737	0.09	3	0		flat qs
794.30	804.80	2Bl,se,qs,Py	100	50	tan/mn grey,mod bl,tr-wk se,mn fuch spks,tr ch,10% qv/qs,8% py,tr cpy,tr vg in qs @ 796.3 & 796.6'	854.60	856.60	2.00	F20738	0.08	15	0		flat qs
804.80	819.50	7bn	100	50	lt tan/grey-grey,loc tr-wk se,3% qs,1% py,loc tr cpy	856.60	859.00	2.40	F20739	0.36	8	4		
819.50	820.70	1fu	100	50	green,str fuch	859.00	861.80	2.80	F20740	1.41	30	7		0.3' qv
820.70	821.70	QV	90	35	approx 0.6' msv wh QV,mn fuch frags,2% tm at top cnt	861.80	863.80	2.00	F20741	0.15	8	0		
821.70	826.00	1fu	100	50	green,mod-str fuch,1% qs	863.80	866.90	3.10	F20742	0.05	1	0		
826.00	835.90	1cb,fu	100	50	grey/green,tr-wk fuch,1% qs	866.90	871.90	5.00	F20743	0.18	0	0		
835.90	836.80	QV,1fu	90	35	approx 0.3' msv wh QV in 1fu	871.90	876.90	5.00	F20744	0.08	0	0		
836.80	843.30	7bn,se,Py	100	60	olive green/grey,wk se,5% qs,8% py	876.90	881.90	5.00	F20745	0.02	0	0		
843.30	856.60	1fu	100	50	green-grey/green,mod-str fuch,6% qs	881.90	884.90	3.00	F20746	0.01	0	0		
856.60	861.80	7bn,se,qv,Py	95	50	olive green/grey,wk-mod se,8% qs,6% py,0.3' qv @ 859.5'	884.90	886.90	2.00	F20747	0.07	5	0		
861.80	886.90	1cb,fu	100	50	grey-grey/green,tr-wk fuch,mod fuch at cnts,loc wk se,tr-1% qs	886.90	889.30	2.40	F20748	0.10	2	3		
886.90	895.30	7bn,se	100	70	olive green/grey-grey.tr-wk se,5% qs,3% py	889.30	891.30	2.00	F20749	0.32	8	3		
895.30	902.00	1fu	100	60	grey/green,wk-mod fuch,tr qs	891.30	893.30	2.00	F20750	0.10	3	3		
902.00	904.50	7bn,Se,qs	100	65	olive green/grey,mod se,15% qs,1% py	893.30	895.30	2.00	F25001	1.51	8	5		
						895.30	899.00	3.70	F25002	0.08	0	0		
						899.00	902.00	3.00	F25003	0.21	0	0		
						902.00	904.50	2.50	F25004	0.84	15	1		qs's

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AUG/T	% Qtz	% Py	% Aspy	Remarks
904.50	915.00	1fu,qs	100	60	green-grey/green,mod-str fuch,7% qs	901.50	907.00	2.50	F25005	0.03		0		
915.00	919.50	7bn,sl,se	80	50	lt grey,wk si,tr-wk se,mn fuch spks at lower cnt,7% qs,tr-1% py	907.00	912.00	5.00	F25006	0.10	0	0		
919.50	927.80	1fu	95	50	grey/green-green,mod-str fuch,motl,5% qs,0.6' 7bn from 920.2-920.8'	912.00	915.00	3.00	F25007	1.32	22	0		
927.80	933.00	2,p,BI,se	90	55	grey/olive green,wk-mod bl,tr-wk se,mn fuch spks,mn vars,6% qs,2% py,tr vg in tiny qs @ 928.8'	915.00	917.00	2.00	F25008	1.03	10	0		
933.00	936.30	1fu,2	100	60	grey/green,mod-str fuch,motl,4% qs,3% py	917.00	919.50	2.50	F25009	2.08	6	1		
936.30	939.40	7bn,PY	100	60	grey,mn se,2% qs,18% py,loc tr cpy	919.50	921.50	2.00	F25010	1.07	10	1		0.6' 7bn
939.40	940.00	2Bl	100	75	grey,mod bl,1% qs,1% py	921.50	925.80	4.30	F25011	1.44	4	0		
940.00	942.00	1fu	100	60	green,3% qs,1% py	925.80	927.80	2.00	F25012	0.22	2	0		
942.00	942.70	2,p,vr,BI	100	70	tan/grey,mod bl,mod vars,mn fuch spks,3% qs,1% py	927.80	930.00	2.20	F25013	3.30	5	1		vg in qs
942.70	943.80	1fu	100	60	lt green,str fuch,7% qs,1% py	930.00	933.00	3.00	F25014	2.67	7	2		
943.80	945.30	2Bl,qs,Py	100	65	tan,mod bl,wk fuch spks,tr-wk se,10% qs,8% py	933.00	936.30	3.30	F25015	3.77	4	3		
945.30	950.30	1fu	100	60	green,str fuch,7% qs,tr-1% py	936.30	939.40	3.10	F25016	7.58	2	18		
950.30	973.00	1cb,fu	95	60	grey-grey/green,loc tr-wk fuch,loc wk se,1% qs	939.40	941.80	2.40	F25017	0.37	3	1		2Bl,1fu
973.00	976.30	8fp,sl	100	35	tan/grey,wk si,mn se,mn fuch/cb frags at top,4% qs,2% py	941.80	943.80	2.00	F25018	0.70	5	2		1fu,2Bl
976.30	984.00	1cb,fu	100	60	grey/green,tr-wk fuch,tr-1% qs	943.80	945.30	1.50	F25019	2.13	10	8		2Bl
984.00	1019.00	1cb,tc	100	60	grey/brown,tr-wk se,mn 1cb at margins,loc tr fuch,tr qs	945.30	947.30	2.00	F25020	0.35	8	1		
1019.00	1024.30	1fu	90	60	grey/green,mod fuch,tr qs	947.30	950.30	3.00	F25021	0.16	5	0		
1024.30	1025.80	8fp,sl,se	100	80	olive green/grey,wk si,loc tr-mod se,tr qs	950.30	955.00	4.70	F25022	0.01	2	0		
1025.80	1027.00	1fu	100	80	grey/green-green,mod fuch,1% qs,2" 8fp frag at end	955.00	960.00	5.00	F25023	0.01	0	0		
1027.00	1029.60	8fp,Se,sl	100	80	olive green/grey,wk-mod se,mn si,6% qs,1% py	960.00	965.00	5.00	F25024	0.01	3	0		
1029.60	1032.00	1cb,fu	100	60	grey/green,tr-wk fuch	965.00	970.00	5.00	F25025	0.04	1	0		
1032.00	1045.00	1tc,cb	100	60	dk grey,wk cb	970.00	973.00	3.00	F25026	0.08	0	0		
1045.00	1094.80	1tc,ch	100	60	dk grey-grey/green,wk ch,loc mn cb	973.00	976.30	3.30	F25027	1.46	4	2		8fp
1094.80	1095.80	7,ch,ca,py	100	70	grey/green,wk-mod ch,wk ca,3% py	976.30	979.00	2.70	F25028	0.56	0	0		
1095.80	1099.00	1tc,ch,ca	100	60	dk grey/green,wk ch/ca,E.O.H.	979.00	983.00	4.00	F25029	0.17	2	0		
						983.00	988.00	5.00	F25030	0.02		0		
						988.00	993.00	5.00	F25031	0.01	1	0		
						993.00	1014.00	21.00						
						1014.00	1019.00	5.00	F25032	0.05		0		
						1019.00	1022.30	3.30	F25033	0.01		0		
						1022.30	1024.30	2.00	F25034	0.15	2	0		
						1024.30	1027.00	2.70	F25035	0.07	2	0		8fp,1fu

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						1027.00	1029.60	2.60	F25036	0.32	7	1		8ip
						1029.60	1031.60	2.00	F25037	0.02	0	0		
						1031.60	1036.60	5.00	F25038	0.02	1	0		
						1036.60	1041.60	5.00	F25039	0.01		0		
						1041.60	1099.00	57.40						EOH



42A10SW2029

2.24187

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-58	13804.7	4717.2	10895	1265.3	3/21/02	EZ Shot	BQ	S. Harding	S	Hopson	L2+00W.6+00S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	0	-90	13804.70	4717.20	10895.00	
160.00	143	-89.8	13804.87	4716.98	10735.00	
330.00	178	-89.8	13805.06	4716.44	10565.00	
490.00	192	-89.9	13805.04	4716.03	10405.00	
650.00	195	-89.7	13804.90	4715.49	10245.00	
820.00	194	-89.7	13804.68	4714.62	10075.01	
990.00	284	-89.7	13804.14	4714.30	9905.01	
1250.00	288	-89.5	13802.40	4714.82	9645.01	

Mining Claim: 12679

Start Date	End Date
3/16/02	3/19/01

Drill Contractor: NDS Drilling
Storage Location of Core: N/A Whole Core Sampled

Signed by:

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU/GT	% Qtz	% Py	% Aspy	Remarks
0.00	44.40	OB				0.00	44.40	44.40						OB
44.40	95.00	1, ch, ca	95	50	grey/green, wk-mod ch, tr-wk perv ca, mn tc	44.40	962.00	917.60						
95.00	270.00	1, ch	100	50	green-grey/green, mod-str ch, loc wk ca, mn tc in frags, msv w/ var like blebs	962.00	967.00	5.00	F25978	0.07		0		
						967.00	972.00	5.00	F25979	0.01	5	0		flat qs
270.00	332.00	1, ch, tc	95	50	grey/green, wk-mod ch, tr-wk tc	972.00	977.00	5.00	F25980	0.01	0	0		
332.00	489.50	1, ch	100	50	grey/green-green, mod ch, mn ch frags, tr ca	977.00	982.00	5.00	F25981	0.01		0		
489.50	599.80	2fe, m, ch	100	50	grey/green, slightly coarser grained, mod ch, mod-str lx, wk ch frags, tr-1% pk/wh qcbs	982.00	987.00	5.00	F25982	0.10	2	0		
						987.00	992.00	5.00	F25983	0.84	1	1		
599.80	740.70	1tc, ch	100	50	grey/green, wk ch, mod tc, sm fit @ 669.3'	992.00	997.00	5.00	F25984	0.75	2	2		
740.70	741.60	FZ	0		blocky core, 20% gouge	997.00	1002.00	5.00	F25985	0.51	6	0		3" qs
741.60	825.00	1tc, ch	95	50	grey/green-grey, wk ch, mod-str tc	1002.00	1007.00	5.00	F25986	0.04	1	0		
825.00	967.00	1, ch, tc	100	50	grey/green, wk-mod ch, wk tc, loc wk perv ca, mn cb/qs in lower 15'	1007.00	1012.00	5.00	F25987	0.10	8	0		
						1012.00	1017.00	5.00	F25988	0.16	5	0		
967.00	1023.00	1fu, m	100	50	lt green-grey/green, motl, mod-str fuch, mn ch at top, 3-4% qs < 3" wide, loc tr py/cpy/tm	1017.00	1021.00	4.00	F25989	0.15	7	0		
						1021.00	1025.00	4.00	F25990	0.01	6	0		
1023.00	1042.50	1fu	100	50	grey/green-green, mod fuch, wk ps, mn motl, 5% qs	1025.00	1029.00	4.00	F25991	0.19	10	0		
1042.50	1045.00	2, 1fu	90	10	60% bl/wkly si mafics, 40% 1fu, low angle cnt, 2% qs	1029.00	1034.00	5.00	F25992	0.01	4	0		
1045.00	1081.30	2, Bl, si	95	60	grey/tan, mod bl, wk-mod si, loc mn ch/se/cb, 4% qs, loc tr-1% py	1034.00	1039.00	5.00	F25993	0.01	5	0		
1081.30	1089.00	1cb, fu	100	60	grey/green, tr-wk fuch, 2% qs									

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
1089.00	1111.60	1cb,se	100	60	grey/brown-mn grey/green,wk se.loc mn fuch,2% qs	1039.00	1042.50	3.50	F25994	0.01	3	0		
1111.60	1130.00	2,bl,qs	100	60	grey/tan,wk bl/cb,mn ch at end.msv-wkly pil.14% qs < 3" wide,4% py.tr vg in qs @ 1123 & 1127'	1042.50	1045.00	2.50	F25995	0.51	2	0		
1130.00	1144.00	2,m,ch,cb,qs	100	60	grey/green-green,wk cb.loc mn bl patches.12% qs < 3" wide,tr-1% py	1045.00	1048.00	3.00	F25996	0.01	4	0		
1144.00	1150.00	2fe,m,ch,lx	100	60	grey/green-green,wk cb,wk-mod lx,8% qs,tr py	1048.00	1051.50	3.50	F25997	0.02	1	0		
1150.00	1153.20	8fp,qas	100	30	pink/brown/grey,wkly si,ch cnts,30% flat qas	1051.50	1054.50	3.00	F25998	0.05	4	0		
1153.20	1265.30	1tc,ch	100	60	grey/green,wk-mod ch,wk cb in top 30',tr qcbs,1' mafic dyke @ 1261',EOH.	1054.50	1058.50	4.00	F25999	0.06	1	0		
						1058.50	1061.50	3.00	F26000	0.11	4	0		
						1061.50	1065.00	3.50	F26001	0.03	8	0		2.5" qs
						1065.00	1069.00	4.00	F26002	0.02	1	0		
						1069.00	1073.00	4.00	F26003	0.05	4	0		
						1073.00	1077.30	4.30	F26004	0.23	3	1		
						1077.30	1081.30	4.00	F26005	0.21	5	0		
						1081.30	1084.30	3.00	F26006	0.01	2	0		
						1084.30	1089.30	5.00	F26007	0.01	2	0		
						1089.30	1094.30	5.00	F26008	0.01		0		
						1094.30	1099.30	5.00	F26009	0.05	0	0		
						1099.30	1104.30	5.00	F26010	0.01	2	0		
						1104.30	1108.60	4.30	F26011	0.01		0		
						1108.60	1111.60	3.00	F26012	0.08	8	0		
						1111.60	1114.00	2.40	F26013	0.38	8	1		flat qs
						1114.00	1116.00	2.00	F26014	0.98	0	1		
						1116.00	1118.00	2.00	F26015	7.13	20	7		qs's
						1118.00	1120.60	2.60	F26016	2.06	6	2		
						1120.60	1122.60	2.00	F26017	5.73	22	6		2.5" qs
						1122.60	1124.60	2.00	F26018	6.33	18	4		vg in qs
						1124.60	1126.60	2.00	F26019	7.65	13	3		
						1126.60	1128.60	2.00	F26020	11.75	15	6		vg in qs
						1128.60	1130.60	2.00	F26021	8.30	25	6		qs's
						1130.60	1133.60	3.00	F26022	1.37	17	2		
						1133.60	1138.00	4.40	F26023	0.06	3	0		
						1138.00	1141.00	3.00	F26024	1.58	25	0		
						1141.00	1144.00	3.00	F26025	0.03	8	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						1144.00	1147.00	3.00	F26026	0.02	2	0		
						1147.00	1150.00	3.00	F26027	0.02	15	0		
						1150.00	1153.20	3.20	F26028	0.02	30	0		flat gas
						1153.20	1156.20	3.00	F26029	0.04		0		
						1156.20	1161.20	5.00	F26030	0.01	1	0		
						1161.20	1265.30	104.10						EOH



42A10SW2029

2.24187

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Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-59	13714	4666	10895	1306	Apr 8 02	EZ Shot	BQ	S. Harding	S	Hopson	L3+00W.6+50S

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	340	-57	13714.00	4666.00	10895.00	
100.00	339	-56	13694.67	4717.69	10811.61	
280.00	342	-56	13661.08	4812.54	10662.39	
450.00	345	-56	13634.09	4903.66	10521.45	
600.00	346	-57	13613.35	4983.80	10396.37	
770.00	347	-56	13591.46	5075.04	10254.62	
940.00	350	-56	13572.51	5168.16	10113.68	
1130.00	350	-56	13554.06	5272.79	9956.16	
1306.00	350	-57	13537.20	5368.45	9809.41	

Mining Claim: P546621, 12679

Start Date	End Date
3/26/02	3/29/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	65.50	OB				0.00	65.50	65.50						OB
65.50	83.50	2,m,ch	80	65	grey/green,wk-mod ch,tr-wk perv ca,tr py, occ wh qtz str	65.50	703.00	637.50						ns
83.50	212.80	1,ch	90	60	green-grey/green,wk-mod ch,loc wk ca,mn tc in fracs,msv w/ var like blebs	703.00	706.80	3.80	F27540	0.01	5			qs
						706.80	711.00	4.20	F27541	0.01	3			qs
212.80	265.60	2,m,ch	90	68	med gray/gray-green, msv,mg,5" pk qcv@239.6, m loc ch	711.00	716.00	5.00	F27542	0.01	2	1		
265.60	302.10	2fe,m,ch	90	50	med to lt gray,mod- str lx,mottled from 287,loc ch, occ pk qas	716.00	721.00	5.00	F27543	0.01				
						721.00	726.00	5.00	F27544	0.01	3			
302.10	330.20	2,m	60	65	med-dk gray, msv,mg,wk ca	726.00	728.40	2.40	F27545	0.52	2			
330.20	349.60	2fe,m,ch	90	65	dk gray, mod lx, msv,mottled	728.40	730.70	2.30	F27546	0.05	3	3		7bn
349.60	350.70	8fp,se	90	30	pink-gray, bx'd margins,se	730.70	733.00	2.30	F27547	0.02	1			
350.70	370.70	2,m	90	40	med gray, msv,mn lx at top, mn ch blebs	733.00	738.00	5.00	F27548	0.65	2			
370.70	429.00	1,tc,sr	70	60	dk gray-black,wk green sr from 390', mn rust, sinuous cb vnlt 2%	738.00	742.70	4.70	F27549	0.01	1			
						742.70	745.00	2.30	F27550	0.09	1	1		10% 7bn
429.00	454.20	1,ch,tc	60	55	dk gray-green, wk-mod ch,wk tc	745.00	747.20	2.20	F27551	0.01	8	1		mn 7bn,qs
454.20	456.40	Fz	0	38	bx'd, bl, mn qs inclusions	747.20	749.80	2.60	F27552	0.01	1	2		7bn
456.40	467.80	1,ch,tc	50	70	dk gray, wk ch, wk ca, fit @458.5, 30d TCA	749.80	751.80	2.00	F27553	0.69	1			
467.80	468.10	Fz	0	50	1/4" go/ca, 2" fbx, wkly bx'd into walls	751.80	756.40	4.60	F27554	0.01	1			
468.10	473.00	1,ch,tc	90	60	becoming lighter gray, grading into 2,p	756.40	761.00	4.60	F27555	0.01	10			qcs

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
473.00	517.00	2,p,cb	80	60	med gray, mn pbx, mn ch.wk flt @486.7. 55d TCA	761.00	765.00	4.00	F27556	0.01	1			5% 8fp
517.00	552.40	1tc,cb	80	70	dk gray-black, tr-wk tc, mod cb	765.00	769.00	4.00	F27557	0.02		0		
552.40	599.00	2,p,cb	90	50	dk gray, blebs ch, loc wk bl/bx'd, 1/2" irreg 8fp @585.3	769.00	771.30	2.30	F27558	2.09	5	2		bl,q vnlt
599.00	657.20	2fe,m,lx,cb	90	70	dk gray, fair lx, 2% irreg qc vnlt, darkening down hole	771.30	774.30	3.00	F27559	0.11				
657.20	674.80	1cb,tc,cb	80	70	dk gray-bk, mn tc, wk ch	774.30	777.00	2.70	F27560	0.02		1		mn 7bn
674.80	695.90	2fe,1cb,cb	80	70	mixed lenses 2fe w/fair lx, with loc well cb'd/bx'd zones	777.00	779.00	2.00	F27561	0.17	1	1		
695.90	706.80	1cb,tc,cb	80	60	dk gray-bk, mn tc, 10% qs from 703'	779.00	781.30	2.30	F27562	0.26	1	2		bl
706.80	728.40	2,cb,cb	90	60	dk gray-loc wk green, mottled, 20% well cb'd, mn ch	781.30	783.30	2.00	F27563	0.35	1	5		
728.40	730.70	7bn,se,py	95	45	blcbs, 722.7-flt along core 2" w/qc bx	783.30	785.30	2.00	F27564	14.00	8	3		
730.70	747.20	2fe,cb,lx,1cb	60	40	buff pink to dk bn in center, 3% dissem py, 3% fine q	785.30	788.00	2.70	F27565	2.99	3	1		
747.20	749.70	7bn,se,py	90	85	vnlt, cts 34d, 55d	788.00	792.00	4.00	F27566	0.04	2			
749.70	781.30	2,p,Cb	90	40	dk gray, fair lx, flt @739.5 @ 20d tca, 735-737.2: 1cb, mn	792.00	796.00	4.00	F27567	0.03	8			3" qt str
781.30	785.30	7bn,se,qs,py	50	47	fingers 7bn	796.00	799.40	3.40	F27568	0.01	2			
785.30	799.40	1fu,cb	80	70	dk bn, 5% py, mn qtz, 2" qc v on uphole cnt	799.40	803.00	3.60	F27569	0.01				
799.40	853.70	1cb	95	65	mottled gray-green, vr, loc bx'd, loc inclusions 8fp, Bl	803.00	807.00	4.00	F27570	0.01				
853.70	868.80	2,p,cb	90	65	from 769-770.5	807.00	812.00	5.00	F27571	0.01				
868.80	873.90	1cb	90	80	lt tan-green to lt gray-bn, steep qs, 3-5% py, cnts 44,50d	812.00	817.00	5.00	F27572	0.01				
873.90	892.40	1fu	90	85	apple green, wk-mod fu, loc strong cb, rusty flt zone	817.00	822.00	5.00	F27573	0.02				
892.40	896.70	7bn,se,py	50	15	786.2-878.6 @20d	822.00	827.00	5.00	F27574	0.02				
896.70	897.50	1fu	70	70	gray, mn se/ch, patchy wk fu from 832-838, <1% qs	827.00	832.00	5.00	F27575	0.01				
897.50	916.50	2,Bl	90	80	mottled med gray, mod cb, mn patchy bl, occ narrow	832.00	837.00	5.00	F27576	0.06				mn fu
916.50	922.70	7bn,se,py	95	80	finger 7bn	837.00	842.00	5.00	F27577	0.10				fu
922.70	928.80	2,Bl	90	80	dk gray, Se from 872, rusty minor flt @871.2 @ 75d	842.00	847.00	5.00	F27578	0.03				
928.80	937.00	7bn,se,qs,py	100	80	med gray-green to olive green, wk to mod fuch, 3% qs, tr	847.00	852.00	5.00	F27579	0.02	2			mn fu
937.00	943.40	2,Bl	90	80	py, 4" 7bn @810.4	852.00	857.00	5.00	F27580	0.04	1			
943.40	945.20	1fu,cb,qv	30	40	buff bn, becoming dk bn, wkly bx'd from 894.9, 2%	857.00	862.00	5.00	F27581	0.09				
					predom flat qs	862.00	867.00	5.00	F27582	0.02				
					olive green, wkly cb	867.00	872.00	5.00	F27583	0.13	1			
					grey, wk-mod bl, mn se, mn cb, 3% qs, 2% py	872.00	877.00	5.00	F27584	0.01				
					olive green/grey, tr-wk se, 7% qs, 5% py	877.00	882.00	5.00	F27585	0.16				
					grey, wk se at cnts, mn cb, 1% qs, tr-1% py	882.00	886.00	4.00	F27586	0.03				
					olive green/grey, loc tr-mod se, 10% qs, 5% py	886.00	890.20	4.20	F27587	0.04	2			
					grey, wk-mod bl, mn se, 5% qs, 3% py									
					0.8' olive green, cb then 1" qv, 0.6' lt apple green, wk fu,									
					then 3" QV, 40d, mod bx, m tm									

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU GT	% Qtz	% Py	% Aspy	Remarks
945.20	959.30	1fu	80	70	green. mod fuch. 15% rusty.mn qs	890.20	892.40	2.20	F27588	0.99	2	1		4" 7bn
959.30	959.90	QV	95	85	dk gray-bn qtz. mn tm. 3% py, se	892.40	894.70	2.30	F27589	1.30	12	10		qs
959.90	966.60	1fu	80	80	green.mod-str fuch,10% rust,tr-1% qs	894.70	896.70	2.00	F27590	0.57	2	5		
966.60	968.00	8fp,Se	100	80	olive green,mod se,tr qs,1% py	896.70	897.50	0.80	F27591	0.17				
968.00	980.20	1fu,cb	90	80	grey/green,wk-mod fuch,mn rust,3% qs,0.6' 8fp @ 977.4'	897.50	899.50	2.00	F27592	0.18	1	2		
980.20	981.30	8fp.se	100	80	olive green/grey.wk se.10% qs,tr py	899.50	901.50	2.00	F27593	0.05	1	1		
981.30	984.00	1cb,fu	100	80	grey/green,tr-wk fuch,tr qs	901.50	903.60	2.10	F27594	0.28	3	1		
984.00	988.80	8fp.se,Py	100	80	olive green/grey,wk-mod se,10% qs,7% py	903.60	905.70	2.10	F27595	2.88	8	3		qs
988.80	1002.60	1fu	95	70	green-grey/green,mod-str fuch,loc 1cb patches at top,5% qs,4" qv @ 999.8'	905.70	907.80	2.10	F27596	0.12	4	2		
1002.60	1005.40	7bn,Se	100	80	olive green/brown,mod se,wk fuch spks,2% qs,tr py,0.6' 1fu in middle	907.80	909.80	2.00	F27597	0.57	1	3		
1005.40	1011.20	7bn,se,cb	100	80	grey/brown,tr-wk se,wk cb,mn ch,0.6' 1fu at top,4" 1cb in middle	909.80	911.90	2.10	F27598	0.14	4	2		
1011.20	1013.40	1cb,tc	100	80	grey,tr-wk tc/ch	911.90	914.00	2.10	F27599	0.01	2	0		
1013.40	1023.60	7bn.cb,ch	100	80	dk grey/green,mn reddish tint,wk cb/ch,tr qcbs,tr py	914.00	916.50	2.50	F27600	0.01	1	1		
1023.60	1026.50	1cb,tc	100	80	dk grey/green,wk ch	916.50	918.50	2.00	F27601	0.08	6	5		
1026.50	1042.00	7bn,cb,bl	100	80	grey/green/brown,loc tr-wk bl/ch,tr-wk cb,mn 1cb,tr qcbs	918.50	920.50	2.00	F27602	0.01	7	4		
1042.00	1193.80	1tc	95	80	grey,mn cb at margins,wk ch in lower 5',2" flt @ 1178.8	920.50	922.70	2.20	F27603	0.01	8	5		
1193.80	1232.50	8fp,Py	100	60	lt pink/grey-mn olive green,loc tr-mod se,mod-str ch cnts,3% qs,8% py	922.70	924.70	2.00	F27604	0.04	2	1		
1232.50	1306.00	1tc	95	80	grey,mn ch/se at top,sm flt @ 1236.3,EOH.	924.70	926.70	2.00	F27605	0.14	0	1		
						926.70	928.80	2.10	F27606	2.41	2	3		
						928.80	931.00	2.20	F27607	0.32	8	5		qs
						931.00	933.00	2.00	F27608	0.36	2	5		
						933.00	935.00	2.00	F27609	1.99	20	7		
						935.00	937.00	2.00	F27610	0.16	8	5		
						937.00	939.00	2.00	F27611	0.82	3	1		
						939.00	941.20	2.20	F27612	0.46	3	3		
						941.20	943.40	2.20	F27613	0.93	10	5		qv
						943.40	945.20	1.80	F27614	0.89	30	3		qvs,qstrs
						945.20	947.20	2.00	F27615	0.18	5			
						947.20	952.20	5.00	F27616	0.02				
						952.20	957.20	5.00	F27617	0.09				
						957.20	959.00	1.80	F27618	0.11				
						959.00	959.90	0.90	F27619	0.52	65	3		QV

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						959.90	962.00	2.10	F27620	0.11				
						962.00	966.60	4.60	F27621	0.02	2	0		
						966.60	968.00	1.40	F27622	0.15	0	1		
						968.00	972.00	4.00	F27623	0.02	1	0		
						972.00	977.00	5.00	F27624	0.10	5	0		
						977.00	980.00	3.00	F27625	0.11	3	0		0.6' 8fp
						980.00	981.50	1.50	F27626	0.45	10	1		
						981.50	984.00	2.50	F27627	0.05	2	0		
						984.00	986.40	2.40	F27628	1.10	13	6		
						986.40	988.80	2.40	F27629	0.35	5	8		
						988.80	991.80	3.00	F27630	0.16	0	0		
						991.80	996.00	4.20	F27631	0.01	3	0		
						996.00	999.00	3.00	F27632	0.16	12	0		
						999.00	1002.60	3.60	F27633	0.09	10	0		4" qv
						1002.60	1005.40	2.80	F27634	0.01	3	0		
						1005.40	1008.00	2.60	F27635	0.01		1		
						1008.00	1011.20	3.20	F27636	0.01	1	0		
						1011.20	1013.40	2.20	F27637	0.01		0		
						1013.40	1016.40	3.00	F27638	0.02		1		
						1016.40	1020.60	4.20	F27639	0.02	1	1		
						1020.60	1023.60	3.00	F27640	0.01		0		
						1023.60	1026.50	2.90	F27641	0.01		0		
						1026.50	1030.50	4.00	F27642	0.01	2	0		
						1030.50	1034.50	4.00	F27643	0.01	4	0		
						1034.50	1038.50	4.00	F27644	0.01	0	0		
						1038.50	1042.00	3.50	F27645	0.01	2	0		
						1042.00	1045.00	3.00	F27646	0.11		0		
						1045.00	1050.00	5.00	F27647	0.03		0		
						1050.00	1185.80	135.80						
						1185.80	1190.80	5.00	F27648	0.02		0		
						1190.80	1193.80	3.00	F27649	0.01		0		
						1193.80	1196.80	3.00	F27650	0.37	4	6		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						1196.80	1199.80	3.00	F27651	0.84	3	7		
						1199.80	1202.80	3.00	F27652	1.52	3	8		
						1202.80	1205.50	2.70	F27653	0.52	4	8		
						1205.50	1208.50	3.00	F27654	0.30	8	8		
						1208.50	1211.50	3.00	F27655	0.92	2	10		
						1211.50	1214.50	3.00	F27656	0.87	2	10		
						1214.50	1217.50	3.00	F27657	0.71	3	10		
						1217.50	1220.50	3.00	F27658	1.13	2	10		
						1220.50	1223.50	3.00	F27659	0.79	0	8		
						1223.50	1226.50	3.00	F27660	1.99	0	7		
						1226.50	1229.50	3.00	F27661	1.38	1	6		
						1229.50	1232.50	3.00	F27662	0.69	1	3		
						1232.50	1235.50	3.00	F27663	0.01	5	0		
						1235.50	1240.50	5.00	F27664	0.07		0		
						1240.50	1306.00	65.50						EOH.



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MACKLEM

150

Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:			
HP02-61	14034	4768	10900	1197.6	4/8/02	FZ Shot	BQ	S. Harding	S	Hopson	L0+00.6+50S			
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS			<table border="1"> <tr> <th>Start Date</th> <th>End Date</th> </tr> <tr> <td>3/29/02</td> <td>4/2/02</td> </tr> </table>		Start Date	End Date	3/29/02	4/2/02
Start Date	End Date													
3/29/02	4/2/02													
0.00	340	-66	14034.00	4768.00	10900.00		Mining Claim: <u>12679</u>							
80.00	343	-66	14023.68	4798.85	10826.92		Drill Contractor: NDS Drilling							
330.00	347	-67	13997.83	4895.06	10597.66		Storage Location of Core: N/A Whole Core Sampled							
550.00	348	-67	13979.22	4978.98	10395.15									
740.00	351	-67	13965.70	5051.95	10220.25									
940.00	352	-67	13954.15	5129.23	10036.15									
1190.00	352	-67	13940.55	5225.96	9806.03									

Signed by:

Feet					REMARKS	Fee								
FROM	TO	ROCK-TYPE	RQD	C.A.		FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	25.00	OB				0.00	25.00	25.00						OB
25.00	96.40	1tc,ch	100	50	grey/green,loc wk-mod ch,mn ca	25.00	395.20	370.20						
96.40	128.00	2,px,ch	100	50	green-grey/green,wkly sil at top,tr qcs,loc tr py/po	395.20	398.20	3.00	F27665	0.04	2	0		
128.00	160.70	2,m,ch	100	50	grey/green-green,mn ca,mn wkly sil patches,tr ca strgrs	398.20	402.20	4.00	F27666	0.01		0		Si dyke
160.70	178.70	2fe,m,ch	100	50	grey/green,loc wk-mod lx,loc wk perv ca,tr qcs/ca strgrs	402.20	405.40	3.20	F27667	0.01		0		Si dyke
178.70	345.00	1,sr	95	50	dk grey-black,wk sr,mn tc,wk tc/ch/gouge at top,tr qcbs	405.40	409.40	4.00	F27668	0.01		0		Si dyke
345.00	398.20	1,ch,tc	100	50	dk grey/green,wk-mod ch,wk tc,tr qcs	409.40	412.40	3.00	F27669	0.03		0		
398.20	409.40	7bn,Si,2	100	55	dyke/mafic?,grey/green-grey-bl white.mod-str si,cherty in places,almost banded in middle-msv at ends	412.40	777.00	364.60						
409.40	429.00	1,ch,tc	95	50	lt grey/green,wk-mod ch,wk tc,tr qcs	777.00	782.00	5.00	F27670	0.02		1	0	
429.00	466.00	1,ch,sr	95	50	dk grey/green,wk-mod ch,loc wk sr/tc,tr qcs	782.00	787.00	5.00	F27671	0.03		0	0	
466.00	490.00	2fe,m,ch	100	50	green-grey/green.mod-str lx,tr qcbs	787.00	790.00	3.00	F27672	0.02			0	
490.00	587.00	1,ch,tc	100	50	grey/green,wk-mod ch,tr-wk tc,mn ca,tr qcs	790.00	794.00	4.00	F27673	0.03		3	0	
490.00	587.00	1,ch,tc	100	50	grey/green,wk-mod ch,tr-wk tc,mn ca,tr qcs	794.00	797.80	3.80	F27674	0.01		1	0	
587.00	674.00	1,ch	100	50	grey/green,mod ch,loc mn tc,tr qcs,0.6' si dyke @ 649.7'	797.80	800.80	3.00	F27675	1.41		3	1	
674.00	754.00	1,ch,tc	100	50	grey/green,wk-mod ch,tr-wk tc,tr qcs,704-707: 2 x 0.4' dykes	800.80	803.80	3.00	F27676	1.85		5	1	
754.00	760.00	7bn,ch,ca	100	60	grey/green w/ mn red.mod ch,wk ca,tr qcs,tr-1% py	803.80	806.80	3.00	F27677	0.34		4	0	
760.00	768.60	1tc,ch	95	50	grey/green,wk ch,mn ca,sm flt @ 760.5'	806.80	809.80	3.00	F27678	0.16		3	1	
768.60	775.80	2,ch,ca	100	50	grey/green-green,mod ch,loc wk ca,mn bl at end,tr qs,tr py	809.80	812.80	3.00	F27679	0.85		8	1	
775.80	790.00	1cb,tc	100	50	grey/green/brown,wk tc,mn se,tr qs	812.80	815.80	3.00	F27680	0.14		4	0	

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
790.00	797.80	2.ch,si	100	50	grey/green,wk ch,wk-mod si,tr cb.2% qs,tr py	815.80	818.80	3.00	F27681	3.09	8	2		
797.80	821.50	2.Bl,si	100	50	lt tan/grey,mod bl,wk-mod si,6% qs,1% py,loc tr cpy	818.80	821.50	2.70	F27682	2.06	15	3		
821.50	838.80	1cb, fu,se	80	50	grey/green/brown,loc tr-wk fuch/se,1-1% qs	821.50	825.00	3.50	F27683	0.35	3	0		
838.80	842.20	7bn,se, fu,py	100	50	grey/green/tan,wk fuch spks,wk bl,loc wk-mod se,5% qs,4% py,tr cpy	825.00	830.00	5.00	F27684	0.04		0		
842.20	848.20	2,Bl,si,py	100	50	lt grey/tan,wk-mod si,5% qs,4% py	830.00	835.00	5.00	F27685	0.24	1	0		
848.20	869.70	1cb, fu	95	50	grey/green-grey,tr-wk fuch,mn rust along fracs,4% qs loc w/ tm	835.00	838.80	3.80	F27686	0.19	0	0		
869.70	877.50	7bn	90	60	grey-mn olive green/grey,mn se,5% qs,4% py,874.8-875.5: 1cb, fu	838.80	842.20	3.40	F27687	1.99	5	4		
877.50	916.50	1cb	95	50	grey-mn olive green/grey,mn se,5% qs,4% py,874.8-875.5: 1cb, fu	842.20	845.20	3.00	F27688	2.95	7	6		
916.50	919.00	7bn,se,qs	100	60	olive green/grey,loc mn fuch/rust, tr qs	845.20	848.20	3.00	F27689	0.36	3	2		
919.00	921.00	1fu,cb	100	70	grey-mn grey/green,loc mn fuch/rust, tr qs	848.20	851.20	3.00	F27690	3.28	8	1		
921.00	922.80	7bn,se,qs	100	60	olive green/grey,loc mn fuch/rust, tr qs	851.20	856.20	5.00	F27691	0.22	8	0		
922.80	936.20	1cb, fu	100	60	olive green/grey,loc mn fuch/rust, tr qs	856.20	861.20	5.00	F27692	0.06	1	0		
936.20	937.20	7bn,se	100	60	olive green/grey,wk se,8% qs,1% py	861.20	866.20	5.00	F27693	0.05	0	0		
937.20	940.00	1cb, fu	100	60	grey-grey/green,loc tr-wk fuch,mn se,1% qs	866.20	869.70	3.50	F27694	0.01	4	0		
940.00	955.50	1fu	100	60	olive green/grey,wk se,6% qs, tr py	869.70	872.20	2.50	F27695	0.51	7	5		
955.50	957.50	7bn,se,qs,Py	100	70	grey/green,loc tr-wk fuch	872.20	875.00	2.80	F27696	0.28	4	4		
957.50	963.50	1fu,cb	100	60	green-grey/green,mod fuch,loc mn se,40% motl,1-2% qs	875.00	877.50	2.50	F27697	0.51	5	3		
963.50	967.80	7bn,se,qs	100	60	olive green/grey,wk se,50% flat qs,6% py	877.50	879.50	2.00	F27698	0.01	0	0		
967.80	974.40	1fu	100	60	grey/green-green,wk-mod fuch,1% qs	879.50	884.50	5.00	F27699	0.01	0	0		
974.40	981.30	2, fu,bl,qs	100	60	olive green/grey,wk se,10% qs,3% py	884.50	889.50	5.00	F27700	0.05	0	0		
981.30	997.00	2,Bl,si,Py	95	60	green-grey/green,mod-str fuch,1% qs	889.50	894.50	5.00	F27701	0.31		0		
997.00	1005.00	1fu	100	60	grey/green,wk-mod fuch,wk bl,8% qs,4% py, tr vg in qs @ 974.7'	894.50	899.50	5.00	F27702	0.02		0		
1005.00	1017.00	1cb, fu	100	60	grey/green,loc tr-wk fuch,wk bl,8% qs,4% py, tr vg in qs @ 974.7'	899.50	904.50	5.00	F27703	0.13	2	0		
1017.00	1020.60	2,Bl,Py	100	45	lt grey/tan,mod bl,wk si,loc mn fuch patches,7% qs,6% py,loc tr cpy, tr vg in qs @ 983.6,984 & 993.3'	904.50	909.50	5.00	F27704	0.07	0	0		
1020.60	1035.60	1cb, fu	100	60	green-grey/green,mod-str fuch,2% qs	909.50	914.50	5.00	F27705	0.01	0	0		
1035.60	1041.00	1cb,7bn, fu	100	60	grey-grey/green,loc tr-wk fuch,1-1% qs	914.50	916.50	2.00	F27706	0.02	1	0		
1041.00	1051.60	1fu,cb	100	60	dyke?,tan,mod bl,wk se,mn cb,5% qs,13% py	916.50	919.00	2.50	F27707	0.22	12	2		
1051.60	1053.00	7bn,se,qs,Py	100	60	grey/green,loc tr-wk fuch,1-2% qs	919.00	921.00	2.00	F27708	0.01	0	0		
					grey/green,loc tr-wk fuch,1-2% qs	921.00	922.80	1.80	F27709	0.36	8	1		
					grey/green,loc tr-wk fuch,40% 7bn dykes 0.5-0.6' wide	922.80	925.20	2.40	F27710	0.01		0		
					grey/green-green,wk-mod fuch,4% qs	925.20	929.20	4.00	F27711	0.05		0		
					olive green/grey,loc tr-wk fuch,4% qs	929.20	932.20	4.00	F27712	0.04	3	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
1053.00	1061.50	lfu	100	60	green-grey/green,mod-str fuch,2% qs	933.20	936.20	3.00	F27713	0.01	3	0		
1061.50	1067.20	lcb,tc	100	60	grey,mn fuch at top	936.20	937.20	1.00	F27714	0.01	6	0		
1067.20	1069.00	8fp	100	60	8fp?,grey/brown,mn pink/grey,wk se,tr qs,tr py	937.20	940.20	3.00	F27715	0.01	1	0		
1069.00	1115.00	ltc,cb	100	60	dk grey,mn ch,tr-wk cb	940.20	945.20	5.00	F27716	0.06	2	0		
1115.00	1129.00	ltc,ch	100	60	dk grey-grey/green,tr-wk ch,0.7' dyke @ 1122.3'	945.20	949.20	4.00	F27717	0.36	2	0		
1129.00	1142.00	ltc,ch,7	100	60	as above,20-25% lamp dykes from 3"-1' wide	949.20	953.50	4.30	F27718	0.04	1	0		
1142.00	1143.30	FZ	0	60	blocky,30% gouge/broken core	953.50	955.50	2.00	F27719	0.01	2	0		
1143.30	1146.30	7	100	60	lamp,dk grey/brown,biotite-rich,2% py	955.50	957.50	2.00	F27720	0.17	50	6		flat qs's
1146.30	1154.20	ltc,ch	100	60	dk grey/green,tr-wk ch	957.50	960.00	2.50	F27721	0.02	0	0		
1154.20	1156.30	7	100	60	lamp,1% qcs,2% py	960.00	963.50	3.50	F27722	0.01	2	0		
1156.30	1159.30	ltc	70	60	grey-grey/green,mn ch	963.50	965.50	2.00	F27723	0.08	8	2		
1159.30	1160.20	FZ	0	60	blocky core,25% gouge	965.50	967.80	2.30	F27724	2.82	12	4		
1160.20	1162.20	ltc	85	60	grey,mn ch	967.80	969.80	2.00	F27725	0.01	1	0		
1162.20	1164.40	7	100	60	lamp,tr py	969.80	972.40	2.60	F27726	0.02	1	0		
1164.40	1173.80	ltc,ch	95	60	grey-grey/green,tr-wk ch	972.40	974.40	2.00	F27727	0.25	3	0		
1173.80	1175.50	7,ca,ch	100	60	lt grey/green,wk ca/ch	974.40	976.40	2.00	F27728	0.58	8	5		vg in qs
1175.50	1178.40	ltc,ch	95	60	grey/green,tr-wk ch	976.40	978.40	2.00	F27729	3.22	10	7		
1178.40	1184.50	7,ch,ca	100	60	mafic volc?,dk grey/green,wk-mod ch,wk ca,5% qcs	978.40	981.30	2.90	F27730	3.09	7	2		
1184.50	1197.60	ltc,ch	90	60	dk grey/green,tr-wk ch,EOH.	981.30	983.30	2.00	F27731	1.74	8	3		
						983.30	985.30	2.00	F27732	6.50	13	8		2 x vg/qs
						985.30	987.30	2.00	F27733	1.10	10	8		
						987.30	989.30	2.00	F27734	3.74	8	8		
						989.30	992.30	3.00	F27735	3.29	3	5		
						992.30	994.30	2.00	F27736	3.12	7	7		vg in qs
						994.30	997.00	2.70	F27737	4.92	5	2		
						997.00	1000.00	3.00	F27738	0.38	3	1		
						1000.00	1005.00	5.00	F27739	0.16	2	0		
						1005.00	1010.00	5.00	F27740	0.02	2	0		
						1010.00	1015.00	5.00	F27741	0.01		0		
						1015.00	1017.00	2.00	F27742	0.02	0	0		
						1017.00	1020.60	3.60	F27743	3.62	5	13		
						1020.60	1022.60	2.00	F27744	0.05	3	0		

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
						1022.60	1027.60	5.00	F27745	0.01	4	0		
						1027.60	1032.60	5.00	F27746	0.02	0	0		
						1032.60	1035.60	3.00	F27747	0.01	0	0		
						1035.60	1038.20	2.60	F27748	0.11	1	1		0.5' 7bn
						1038.20	1041.00	2.80	F27749	0.25	4	4		3 x 7bn
						1041.00	1044.60	3.60	F27750	0.07	2	0		
						1044.60	1048.60	4.00	F27751	0.05	0	0		
						1048.60	1051.60	3.00	F27752	0.03	10	0		
						1051.60	1053.00	1.40	F27753	0.49	17	6		
						1053.00	1056.00	3.00	F27754	0.10	3	0		
						1056.00	1061.00	5.00	F27755	0.06	3	0		
						1061.00	1066.00	5.00	F27756	0.01	3	0		
						1066.00	1071.00	5.00	F27757	0.02	0	0		1.8' 8fp?
						1071.00	1197.60	126.60						EOH.



42A10SW2029

2.24187

MACKLEM

152

Kinross Gold Corporation

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-18	14890	5987	10930	203.4	2/4/02	FZ Shot	BQ	S. Harding	S	Hopson	1.12+50E.1+20N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	0	-90	14890.00	5987.00	10930.00						
200.00	0	-90	14890.00	5987.00	10730.00						

Mining Claim: 12579

Start Date	End Date
1/30/02	1/30/02

Drill Contractor: NDS Drilling
 Storage Location of Core: N/A Whole Core Sampled
 Signed by: [Signature]

Feet					Fee									
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Asp	Remarks
0.00	38.60	OB				0.00	38.60	38.60						OB
38.60	54.70	2cb,ch	95	50	grey/green,wk cb,wk-mod ch,tr-wk fuch in lower 4',mn rust,tr qs	38.60	63.50	24.90						
						63.50	68.50	5.00	F21850	0.01			0	
54.70	68.50	1cb	100	50	grey/green,loc wk se/tr fuch,loc mn rust,tr gas	68.50	73.50	5.00	F21851	0.02	3		0	
68.50	80.50	1cb,se	100	50	grey/green/brown,wk-mod se,loc tr fuch,10% rust,wk fuch at lower cnt,tr gas	73.50	78.50	5.00	F21852	0.01	0		0	
80.50	86.20	7bn	100	70	lt grey/brown,loc wk se,mn rust at lower cnt,6% qs < 1.5" wide,4% py,loc tr cpy	78.50	80.50	2.00	F21853	0.01	2		0	
						80.50	83.20	2.70	F21854	1.51	8	5		tr cpy
86.20	94.70	1cb,fu	100	70	grey/green-grey,loc tr-wk fuch,rust at lower cnt	83.20	86.20	3.00	F21855	0.68	4	3		tr cpy
94.70	97.00	7bn	100	70	lt tan/grey,tr ch/hem,rust at cnts,5% low angle qs,tr py	86.20	88.20	2.00	F21856	0.01			0	
97.00	105.00	1cb	100	70	grey/brown,wk se,mn fuch/rust at top cnt	88.20	92.70	4.50	F21857	0.01			2	
105.00	136.30	1tc,cb	100	50	dk grey-grey/green,wk cb,loc wk ch	92.70	94.70	2.00	F21858	0.01			0	
136.30	138.80	8fp,ch	100	35	grey/green,mn pink/grey in middle,mn cb	94.70	97.00	2.30	F21859	0.81	5		0	
138.80	156.00	1tc,cb	100	50	dk grey/green,wk-mod cb,wk ch	97.00	100.00	3.00	F21860	0.01			0	
156.00	168.00	1cb,tc	100	50	wk se,tr qs/qas	100.00	105.00	5.00	F21861	0.04			0	
168.00	180.00	1cb,se	100	50	grey/brown,wk-mod se,loc wk rust,tr qs	105.00	110.00	5.00	F21862	0.06			0	
180.00	190.00	1fu	100	50	green-grey/green,wk-mod fuch,loc wk se,mn rust,1% qs	110.00	133.30	23.30						
190.00	203.40	1cb	100	50	grey-grey/green,loc tr-wk fuch,wk se,EOH.	133.30	136.30	3.00	F21863	0.01			0	
						136.30	138.80	2.50	F21864	0.01	0		0	8fp
						138.80	141.80	3.00	F21865	0.03			0	
						141.80	180.00	38.20						
						180.00	185.00	5.00	F21866	0.01	5		0	
						185.00	190.00	5.00	F21867	0.05	2		0	
						190.00	203.40	13.40						EOH.



42A10SW2029

2.24187

MACKLEM

154

Kinross Gold Corporation

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
HP02-19	14810	6018	10930	301.8	2/4/02	EZ Shot	BQ	S. Harding	S	Hopson	1.12+00E.2+00N
DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS					
0.00	340	-50	14810.00	6018.00	10930.00						
85.00	334	-50	14788.68	6068.22	10864.89						
300.00	332	-50	14725.95	6191.34	10700.19						

Mining Claim: 12579

Start Date	End Date
1/31/02	1/31/02

Drill Contractor: NDS Drilling

Storage Location of Core: N/A Whole Core Sampled

Signed by: *S. Harding*

Feet						Feet								
FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
0.00	46.70	OB				0.00	46.70	46.70						OB
46.70	50.20	1cb,tc	100	65	grey/green,wk tc/ch,wk rust at top	46.70	50.20	3.50	F21868	0.02		0		
50.20	56.30	8fp	95	70	salmon pink/grey,mn ch at cnts,blocky core/mn gouge at lower cnt,2% qs,tr py	50.20	53.20	3.00	F21869	0.04	3	1		8fp
56.30	123.60	1tc,ch,cb	100	70	dk grey/green,wk-mod ch,tr-wk cb,3' wk rust at top	53.20	56.30	3.10	F21870	0.03	2	1		8fp
123.60	135.10	2,p,ch,se	95	50	grey/green,wk-mod ch,loc wk se/bl,tr hem.pil/mn pbx,loc mn rust,3% qs,tr py	56.30	59.30	3.00	F21871	0.01		0		
135.10	137.00	8fp,Qv	50	40	grey/green/brown,wk-mod rust,2% qs,3% py,0.5' msv-wkly bx wh Qv at end	59.30	64.30	5.00	F21872	0.01	0	0		
137.00	138.50	2,p,ch,se	85	50	grey/green,mn rust	64.30	127.10	62.80						
138.50	198.80	1tc,ch,cb	95	50	dk grey/green,wk-mod ch,wk cb,tr qas	127.10	132.10	5.00	F21873	0.01	3	0		
198.80	203.40	8fp,cb	95	20	pinkish grey/green,tr-wk ch,wk cb,2% qs,3% py	132.10	135.10	3.00	F21874	0.06	5	0		
203.40	214.10	1tc,ch,cb	100	50	dk grey/green,tr-wk cb,wk ch,0.5' ch dyke @ 207.5'	135.10	137.00	1.90	F21875	0.07	35	2		8fp,Qv
214.10	215.30	8fp	90	40	salmon pink/grey,mn cb,3% qs,3% py	137.00	138.50	1.50	F21876	0.01		0		
215.30	262.70	1tc,ch,cb	95	50	dk grey/green,wk-mod ch,wk cb,tr fuch at end,tr qs/qas	138.50	143.50	5.00	F21877	0.01		0		
262.70	266.00	8fp,py	100	60	pink/red/grey,mn ch,4% qs,3% py	143.50	195.80	52.30						
266.00	275.70	1cb,ch	90	40	grey/green,wk ch/se,tr fuch	195.80	198.80	3.00	F21878	0.01	2	0		
275.70	280.00	8fp,se,ch	90	40	grey/green/brown,wk se/bl/cb,wk-mod ch,tr py	198.80	203.40	4.60	F21879	0.03	2	3		8fp
280.00	284.30	1cb,ch,se	100	40	grey/green,wk ch/se,wk-mod cb	203.40	208.70	5.30	F21880	0.01	0	0		
284.30	287.30	8fp,se,bl	100	40	tan-mn grey/green,wk-mod se/bl,loc tr-wk ch,3% qs,tr-1% py,3.5" 1cb frag @ 285.2'	208.70	214.10	5.40	F21881	0.03		0		
287.30	288.20	1cb,se	100	40	grey/green,wk se,mn ch	214.10	215.30	1.20	F21882	0.02	3	3		8fp
288.20	291.40	8fp,bl,fb	100	40	tan-grey/green,wk-mod se/bl,tr-wk fuch,mn ch,tr qs/py	215.30	218.30	3.00	F21883	0.01		0		
291.40	292.30	1cb,fb,cb	100	40	grey/green,tr-wk fuch/ch	218.30	255.70	37.40						
						255.70	260.70	5.00	F21884	0.01		0		
						260.70	262.70	2.00	F21885	0.01	7	0		1" qs
						262.70	266.00	3.30	F21886	0.95	4	3		8fp

FROM	TO	ROCK-TYPE	RQD	C.A.	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU G/T	% Qtz	% Py	% Aspy	Remarks
292.30	293.20	8fp,bl,py	100	40	grey/brown,wk-mod se/bl,tr fuch,0.5" qs 20 deg tca,4% py	266.00	270.70	4.70	F21887	0.01	0	0		
293.20	294.40	1cb,fu,se	90	40	grey/green,wk se.tr-vwk fuch	270.70	275.70	5.00	F21888	0.01		0		
294.40	299.00	8fp,py	100	40	salmon pink/grey,4% qs,5% py	275.70	280.00	4.30	F21889	0.01	0	0		8fp
299.00	301.80	1tc,cb,se	100	40	grey/green,wk-mod cb/se,wk ch,EOH.	280.00	284.30	4.30	F21890	0.02		0		
						284.30	288.20	3.90	F21891	0.01	2	0		8fp,1cb
						288.20	292.20	4.00	F21892	0.02	1	0		8fp,1cb
						292.20	293.20	1.00	F21893	0.02	10	4		8fp
						293.20	294.40	1.20	F21894	0.04	0	0		
						294.40	299.00	4.60	F21895	0.37	4	5		8fp
						299.00	301.80	2.80	F21896	0.01		0		EOH.

Work Report Summary

Transaction No: W0260.01432

Status: APPROVED

Recording Date: 2002-SEP-09

Work Done from: 2002-JAN-07

Approval Date: 2002-SEP-26

to: 2002-APR-02

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 868207	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868208	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868209	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868210	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868211	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
P 868212	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
P 868213	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-10
P 868214	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868215	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868216	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868217	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868218	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868219	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868220	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868221	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868222	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868223	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868224	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868225	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868226	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868227	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 868228	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-10
P 970001	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 970002	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAR-11
P 970003	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAR-11
P 995002	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAY-07
P 995003	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAY-07
P 995005	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAY-07
P 995075	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAY-07
P 995351	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-MAY-07
P 1025818	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025819	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025820	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025821	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025822	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025823	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025824	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025825	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025826	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025827	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28

Work Report Summary

Transaction No: W0260.01432

Status: APPROVED

Recording Date: 2002-SEP-09

Work Done from: 2002-JAN-07

Approval Date: 2002-SEP-26

to: 2002-APR-02

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 1025828	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025829	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025830	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025831	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025832	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025833	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025834	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025835	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025836	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025837	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1025838	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025839	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025840	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025841	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025842	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025843	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025844	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-SEP-28
P 1025847	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025848	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025849	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025850	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025851	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025852	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-OCT-16
P 1025867	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-28
P 1026095	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1026096	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1026097	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1026098	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1026099	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1029586	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-11
P 1030718	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030719	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030720	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030721	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030722	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030723	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030724	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030725	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030726	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1030727	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10

Work Report Summary

Transaction No: W0260.01432

Status: APPROVED

Recording Date: 2002-SEP-09

Work Done from: 2002-JAN-07

Approval Date: 2002-SEP-26

to: 2002-APR-02

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 1031177	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031178	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031180	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031181	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031183	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031184	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031185	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031186	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031187	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031188	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031189	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031190	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031191	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031192	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031193	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031194	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031195	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031217	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031218	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031219	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031220	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031221	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031222	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031223	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031224	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031225	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031226	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031227	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031228	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031229	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031230	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031231	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031232	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031233	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031234	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031235	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031236	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031237	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031238	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10
P 1031239	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	\$0 2005-FEB-10

Work Report Summary

Transaction No: W0260.01432
 Recording Date: 2002-SEP-09
 Approval Date: 2002-SEP-26

Status: APPROVED
 Work Done from: 2002-JAN-07
 to: 2002-APR-02

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 1031240	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031241	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031242	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031243	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031244	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031245	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031246	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031247	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031248	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031249	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031250	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1031251	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2005-FEB-10
P 1127789	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-OCT-26
P 1127790	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2006-OCT-26
P 1128382	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-05
P 1128383	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-05
P 1128384	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-05
P 1128427	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-05
P 1128428	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-05
P 1128446	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-NOV-29
P 1129803	\$0	\$0	\$4,800	\$4,800	\$0	0	\$0	\$0	2004-OCT-17
P 1188861	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
P 1188862	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
P 1188871	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
P 1188883	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
P 1188884	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-DEC-03
P 1224101	\$0	\$0	\$400	\$400	\$0	0	\$0	\$0	2004-SEP-15
P 1224102	\$0	\$0	\$2,800	\$2,800	\$0	0	\$0	\$0	2004-SEP-15
	\$521,004	\$521,004	\$78,400	\$78,400	\$78,400	\$78,400	\$442,604	\$442,604	

External Credits: \$0

Reserve: \$442,604 Reserve of Work Report#: W0260.01432

\$442,604 Total Remaining

Status of claim is based on information currently on record.

Date: 2002-OCT-02

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

CHRISTINE M. SAARI
KINROSS GOLD CORPORATION
BOX 70, 1 GOLD MINE RD.,
SOUTH PORCUPINE, ONTARIO
P0N 1H0 CANADA

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

Submission Number: 2.24187
Transaction Number(s): W0260.01432

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

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.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Sheila Lessard
Acting Senior Manager, Mining Lands Section

Cc: Resident Geologist

Kinross Gold Corporation
(Claim Holder)

Assessment File Library

Kinross Gold Corporation
(Assessment Office)

Placer Dome (Cla) Limited/Placer Dome (Cla)
Limitee
(Claim Holder)

Date / Time of Issue **Sep 10 2002** 11:57h Eastern

TOWNSHIP / AREA **PLAN**

MACKLEM **G-3997**

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division **Porcupine**
Land Titles/Registry Division **COCHRANE**
Ministry of Natural Resources District **TIMMINS**

TOPOGRAPHIC

- Adjacent Boundaries
- Township
- Cooperation Ltd
- Provincial Park
- Forest Reserve
- C.P. #1 and #2a
- Channel
- Channel - Adjacent Authority Jurisdiction
- Shore
- Mine Heavens
- Flamey
- Road
- Tail
- Millpond Flume
- Hydro Line
- Construction Line
- Wooded Area
- Reservoir - Central Historical Photo Centre

LAND TENURE

Freehold Patent

- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent

- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leases of Occupation

- Lease Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Land Use Plans

- Over or Canceled
- Water Power Lease Agreement

LAND TENURE WITHDRAWALS

- Area Withdrawn from Operation
- Mining Act Withdrawal Types
- Surface And Mining Rights Withdrawal
- Surface Rights Only Withdrawal
- Mining Rights Only Withdrawal
- Order in Council Withdrawing Surface Rights Only Withdrawal
- Surface Rights Only Withdrawal
- Mining Rights Only Withdrawal

IMPORTANT NOTICES

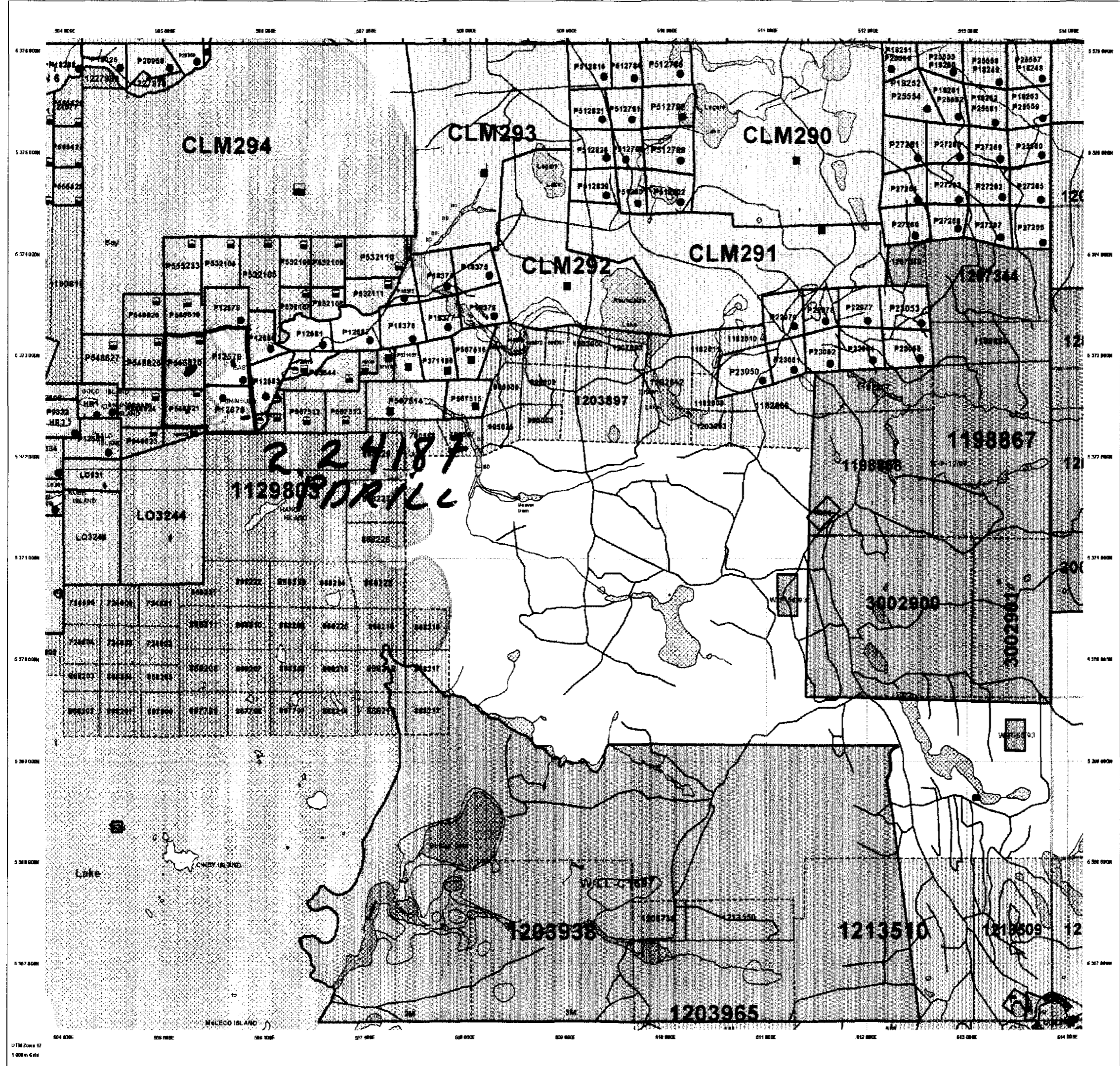


LAND TENURE WITHDRAWAL DESCRIPTIONS

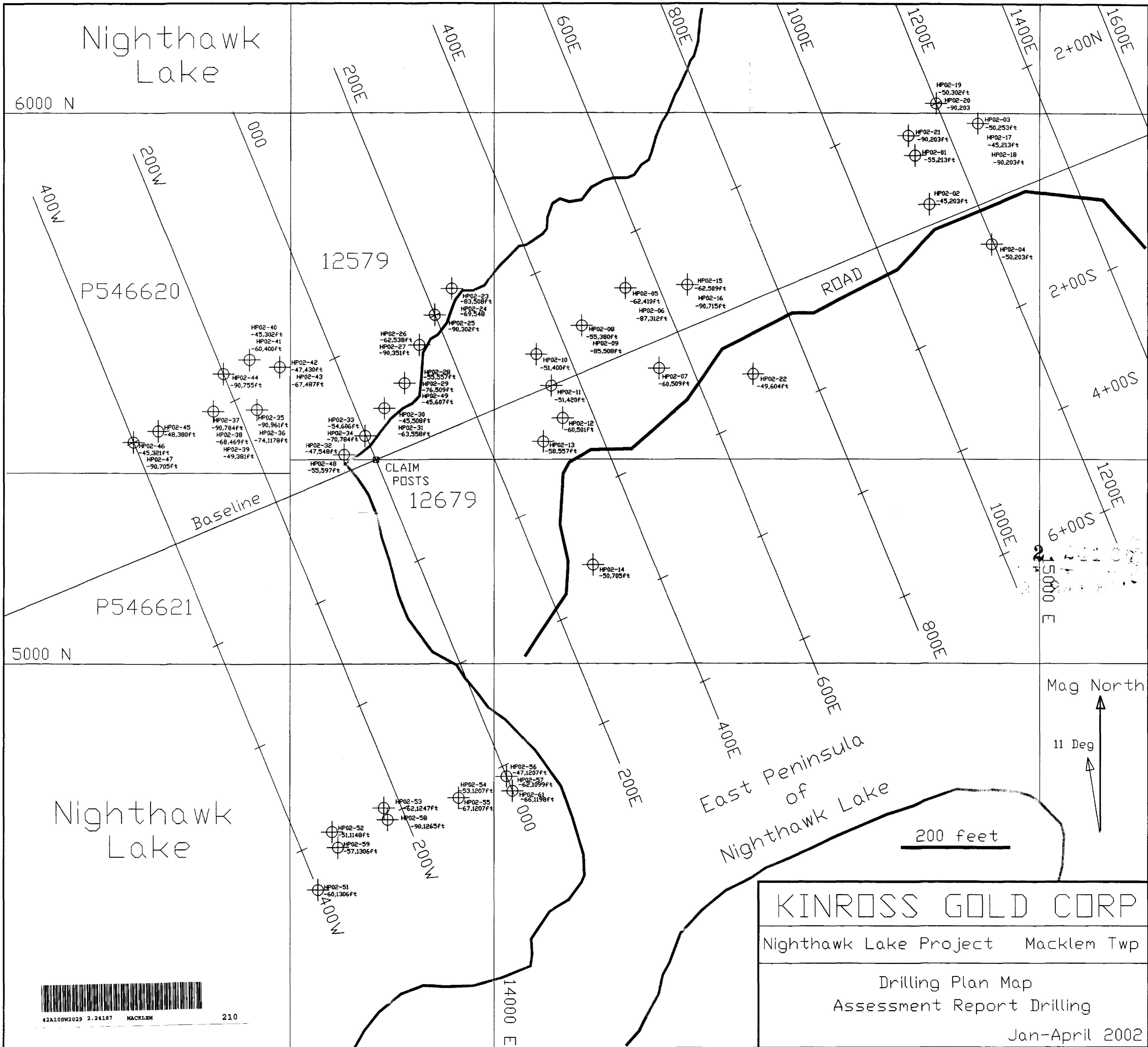
Number	Type	Date	Description
3285	Wdr	Jan 1 2001	SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAMING OUT, SALE OR LEASE BY ORDER NO. W.P. 08388 DATED SEPT. 27, 1993 SECTION 36, THE MINING ACT, R.S.O. 1990 (FOREST TEST PLOTS)
3438	Wdr	Jan 1 2001	RESERVE FLOODING RIGHTS ON SURFACE MINE LAND TO ONTARIO HYDRO TO ELEVATION 984.4 FT
3439	Wdr	Jan 1 2001	SEE PREPARATION MEMO, 7784 V.2
3440	Wdr	Jan 1 2001	FLOODING TO H.F.P.C. OF ONTARIO TO ELEVATION 983.9 FEET - S.A.D. RAILWAY DATUM ON MIGHT MINE LEASE
W.P. 02	Wdr	Jul 16 1992	Sec. 1 W.D.R.S. July 1992 M.R.D. Reserved in Under the terms of Ontario Water Resources Act
W.P. 1287	Wdr	May 2 1997	SURFACE RIGHTS ONLY WITHDRAWN FROM PROSPECTING, STAMING OUT, SALE OR LEASE BY ORDER NO. W.P. 02787 DATED MAY 29th SECTION 36 THE MINING ACT, R.S.O. 1990
W.P. 0402	Wdr	Jan 27 1992	SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAMING OUT, SALE OR LEASE BY ORDER NO. W.P. 04388 DATED SEPT. 27, 1993 SECTION 36, THE MINING ACT, R.S.O. 1990 (FOREST TEST PLOTS)
W.P. 0403	Wdr	Jan 27 1992	SURFACE AND MINING RIGHTS WITHDRAWN FROM PROSPECTING, STAMING OUT, SALE OR LEASE BY ORDER NO. W.P. 04389 DATED SEPT. 27, 1993 SECTION 36, THE MINING ACT, R.S.O. 1990 (FOREST TEST PLOTS)
W.P. 11927	Wdr	Nov 21 2001	Mining and Surface rights withdrawn Section 36 of the Mining Act R.S.O. 1990 Order in Council 2001/011 Oct. 21, 2001 Order. This land was previously leased to the area and is being returned to the Department and may be subject to further change.

IMPORTANT NOTICES

A user under which appropriate applications, applications or correspondence that affect mineral prospecting, mining and/or development activities.

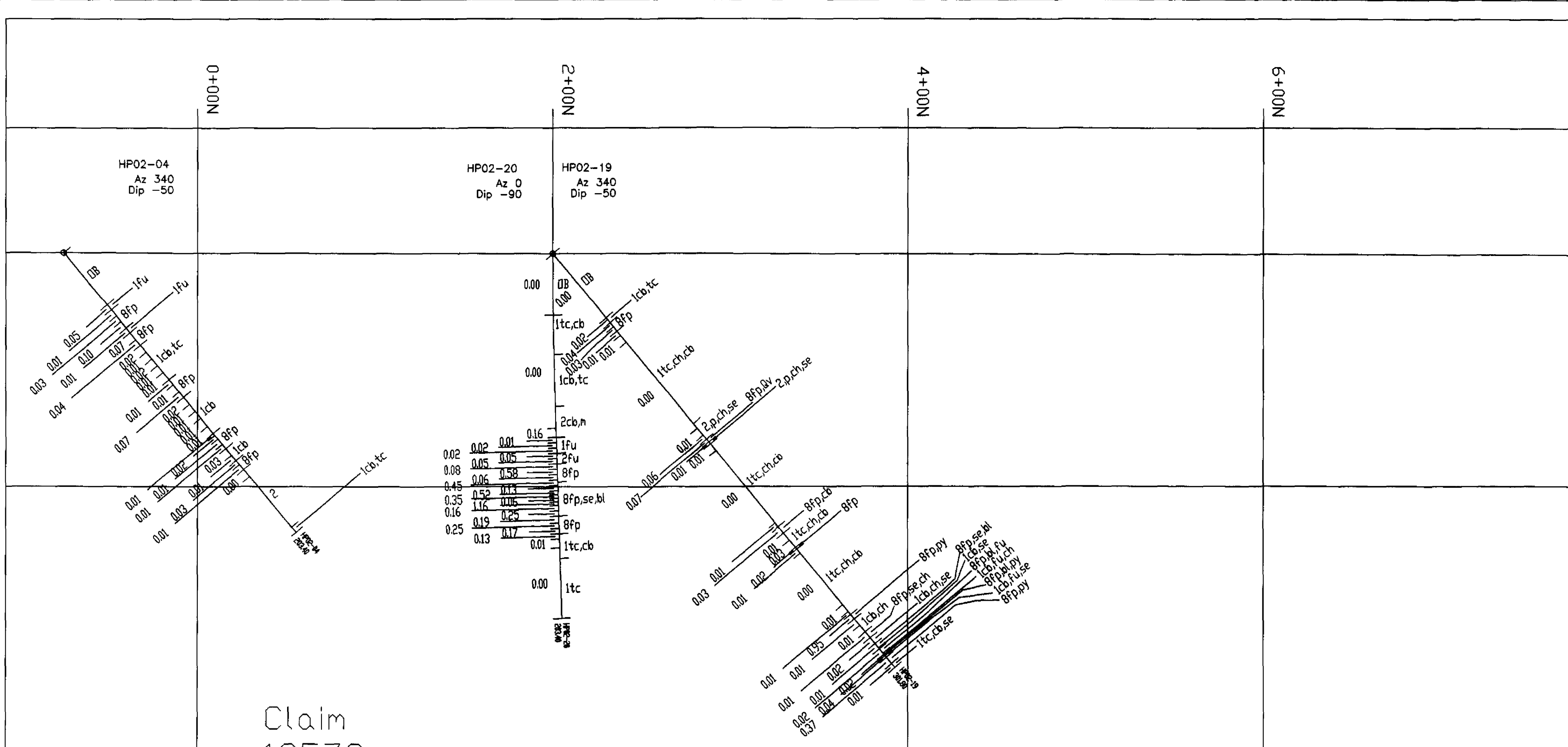


42A108W2029 2.24187
MACKLEM
200



42A108W2029 2.24187 MACKLEM

KINROSS GOLD CORP
 Nighthawk Lake Project Macklem Twp
 Drilling Plan Map
 Assessment Report Drilling
 Jan-April 2002



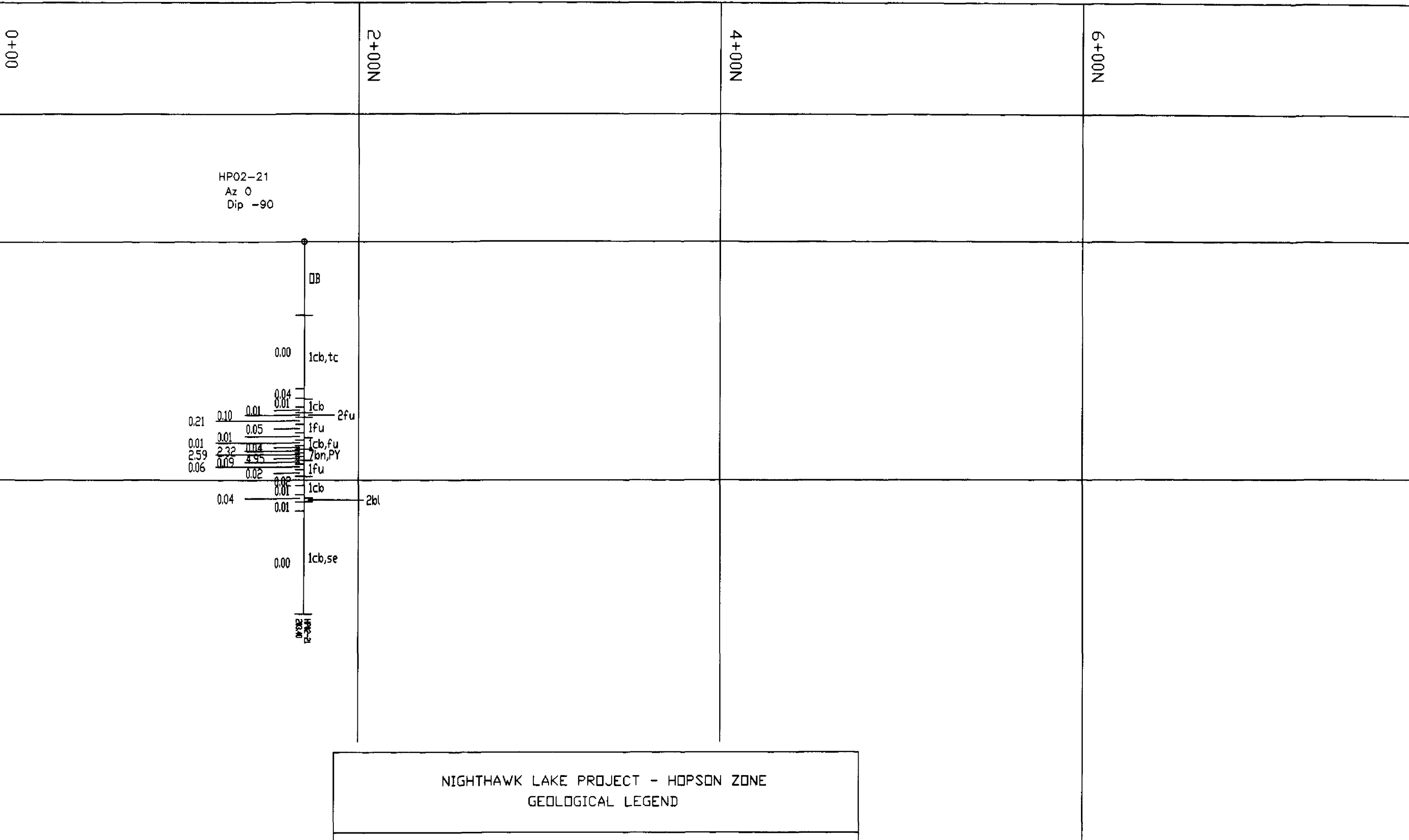
Claim
12579

**NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND**

MAJOR LITHOLOGY	ALTERATION	TEXTURE
1 Ultrabasic Volcanics 1tc Talc-chlorite Ultrabasics 2 mafic Volcanics 2fe Mafic (Fe-Tholeiite) Volcanics	bl bleached ca calcite ch chlorite fu fuchsite se sericite sl silica sp serpentine tc talc tm tourmaline	bx breccia hy hydrothermal la lacustrine n massive p pillowed plx pillow-breccia vr volcanic
CARBONATE ALTERED ROCKS	MINERALIZATION	VEINING
1cb Grey Carb 1fu Green Carb 7bn Brown Carb Bre	py pyrite cpy chalcopyrite vg visible gold	qs quartz qv quartz stringers qv quartz veins qv quartz calcite veins
INTRUSIVES	OTHER	
7 mafic Dikes 7L Lignophyre 8fp Feldspar Porphyry 11 Dikes	DB Overburden LC Lost Core FZ Fault Fz Fault Zone	
Note 01: Modify Major Lithology with alteration, in: 1cb,tc grey carb with minor talc 1tc,cb talc ultrabasic with minor carb 1cb,fu grey carb with minor fuchsite		
Note 02: Upper and Lower case indicates relative strength of texture, in: FZ Strong Fault Zone Fz Moderate Fault Zone fz Weak Fault Zone		

100 feet





NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND

MAJOR LITHOLOGY	ALTERATION	TEXTURE
1 Ultrabasic Volcanics 1tc Talc-chlorite Ultrabasics 2 Mafic Volcanics 2fe Mafic (Fe-Tholeiite) Volcanics	bl bleached ca calcite cb carbonate ch chlorite fu fuchsite se sericite si silica sp serpentine tc talc tm tourmaline	bx breccia hy hydrothermal li lenticular n massive p pillowed plx pillow-breccia vr variolite
CARBONATE ALTERED ROCKS	MINERALIZATION	VEINING
1cb Grey Carb 1fu Green Carb 7bn Brown Carb Blk	py pyrite cpy chalcopyrite vg visible gold	qz quartz qv quartz stringers qv quartz veins qcv quartz calcite veins
INTRUSIVES	OTHER	
7 Mafic Dikes 7L Xenophyre 8fp Feldspar Porphyry 10 Diabase	DB Overburden LC Lost Core FZ Fault Fz Fault Zone	
Note 8p Modify Major Lithology with alteration, in 1cb,tc grey carb with minor talc 1cb,cb talc ultrabasic with minor carb 1cb,fu grey carb with minor fuchsite		
Note 8B Upper and Lower case indicate relative strength of feature, in FZ Strong Fault Zone Fz Moderate Fault Zone fz Weak Fault Zone		

Claim
12579

100 feet

2. 241 3



42A10SW2029 2.24187 MACKLEM 240

KINROSS
Gold Corporation
MINING CORPORATION
Nighthawk Lake Project
Hopson Section 11+00 E

File: Hop-1100.dwg	Date: June 5, 2002
Printed By: JLM	Scale: 1" = 50'
Company: KRC	Updated: AL

400 S

200 S

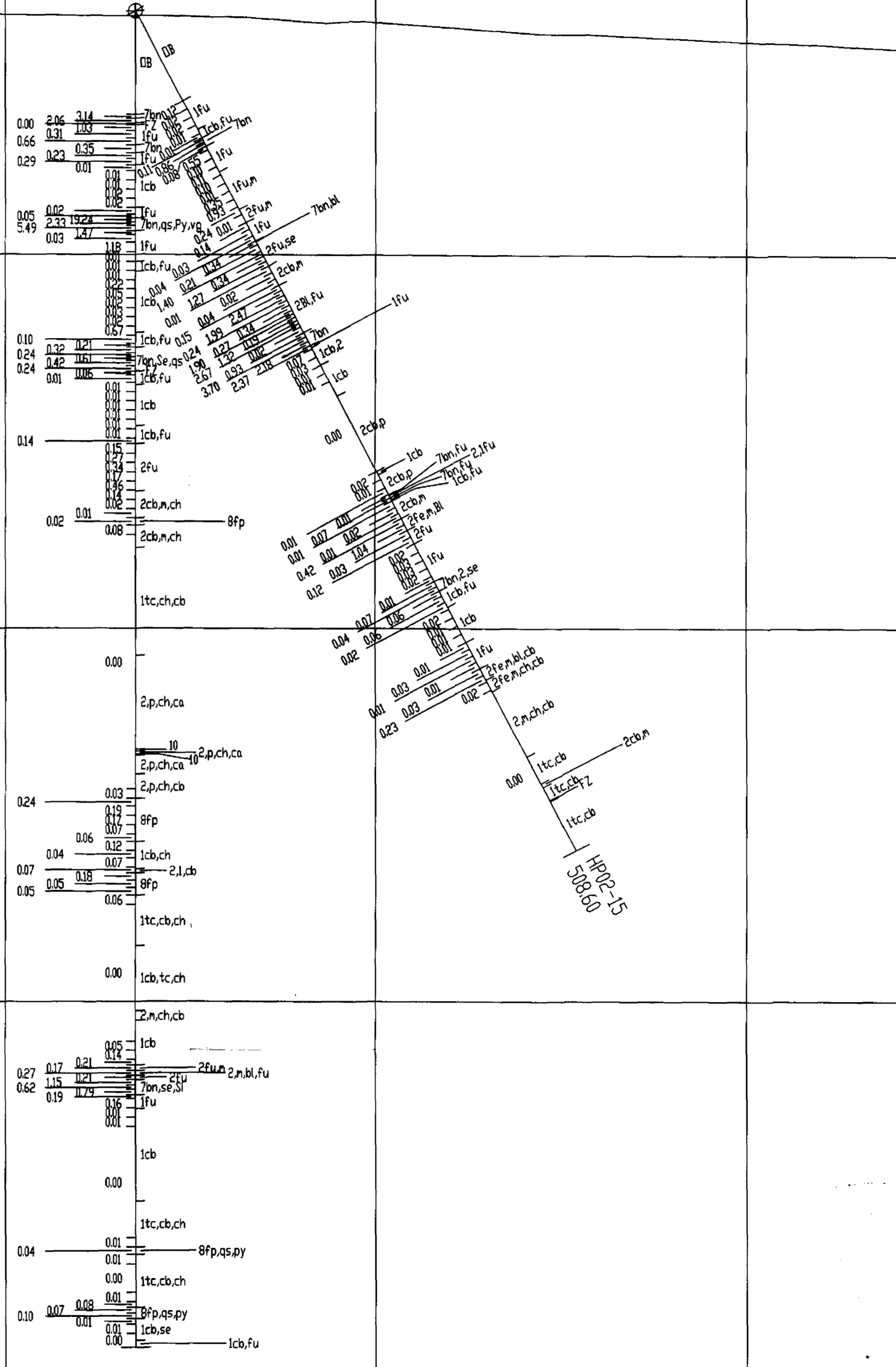
0+00

200 N

400 N

HP02-16
Az 0
Dip -90

HP02-15
Az 340
Dip -62



**NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND**

MAJOR LITHOLOGY	ALTERATION	TEXTURE
1 Ultramafic Volcanics 1tc Talc-epidote Ultramafics 2 mafic Volcanics 2fc Mafic (Fe-Tholeiitic) Volcanics	bl bleached ca calcite cb carbonate ch chlorite fu fuchsite se sericite sl silice sp serpentine tc talc ts tourmaline	br breccia py pyroclastic ls lacustrine m massive p pillowed pb pillow-breccia v vesicular
CARBONATE ALTERED ROCKS lcb Gray Carb lfu Green Carb 7bn Brown Carb Blue	MINERALIZATION py pyrite sp Chalcopyrite vg native gold	VEINING qt quartz qtz quartz stringers qv quartz veins qvc quartz calcite veins
INTRUSIVES 7 mafic dike 7L Lignophyre 8fp Feldspar Porphyry 8D dike	OTHER DB Overburden LC Lost Core F1 Fault Fz Fault Zone	

Note #1 Modify Major Lithology with alteration, in
lcb,tc gray carb with minor talc
lcb,cb talc ultramafic with minor carb
lcb,lu gray carb with minor fuchsite

Note #2 Upper and Lower case indicate relative strength of feature, in
F1 Strong Fault Zone
Fz Moderate Fault Zone
Fz Weak Fault Zone

100 feet

Claim
12579



400 S

200 S

HP02-07
Az 340
Dip -60

0+00

HP02-05
Az 340
Dip -62

200 N

Claim
12679

Claim
12579

NIGHTHAWK LAKE PROJECT - HOPSON ZONE GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultramafic Volcanics
- 1c Talc-chlorite Ultramafics
- 2 Mafic Volcanics
- 2c Mafic (Fe-Tholeitic) Volcanics

CARBONATE ALTERED ROCKS

- lcb Gray Calc
- lfu Green Calc
- 7cn Brown Carb Mtx

INTRUSIVES

- 7 Mafic Dikes
- 7L Leucophyre
- 8p Felsic Porphyry
- lf Basalt

Note: Hc Heavily Major Lithology with alteration, la
 lcb,lc falc gray calc with minor falc
 lcb,cb falc ultramafic with minor calc
 lcb,fb gray calc with minor fuchsite

Note: Hc Upper and Lower case indicate relative strength of feature, Hc
 FZ Strong Fault Zone
 Fz Moderate Fault Zone
 Fz Weak Fault Zone

ALTERATION

- M Mesched
- ca calcite
- cb carbonate
- ch chlorite
- fu fuchsite
- se sericite
- sl silica
- sn serpentine
- tc talc
- tp tourmaline
- ?

MINERALIZATION

- py pyrite
- cpz chalcopyrite
- vg visible gold

OTHER

- DB Overburden
- LC Lignite Core
- F1 Fault
- Fz Fault Zone

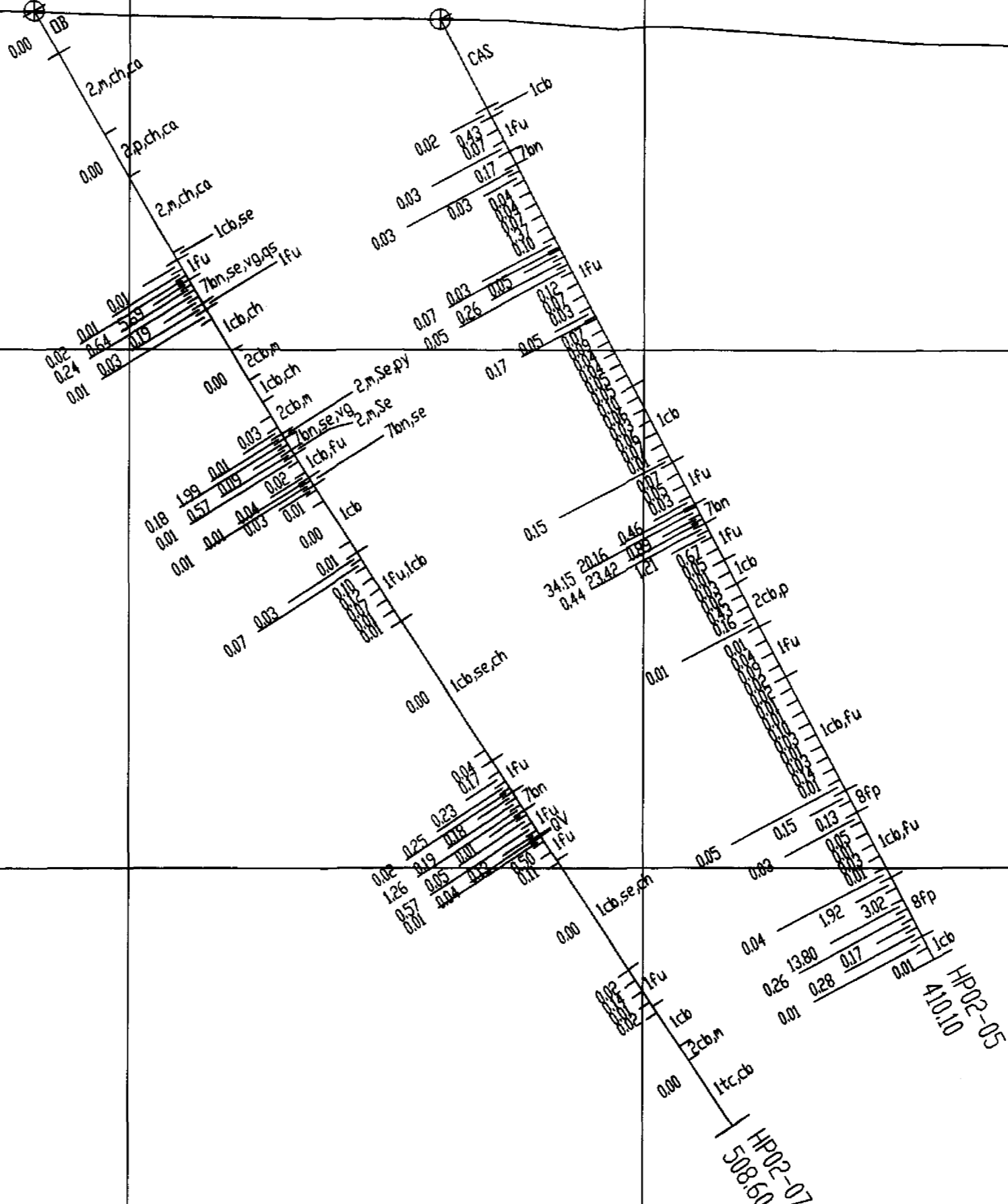
TEXTURE

- br breccia
- hy hydrothermal
- lc lacustrine
- n nodular
- p pillowed
- plw pillow-breccia
- vr vesicular

VEINING

- qv quartz
- qs quartz stringers
- qr quartz veins
- qvw quartz calcite veins

100 feet



2. 241 87



42A108W2029 2.24187 MACKLEM

270

KINROSS
 Gold Corporation
 TRADING CORPORATION
 Nighthawk Lake Project
 Hopson Section 5+50 E
 (1 of 2)

File: Hg-021.dwg Date: Jun 6, 2003
 Drawn by: JH Scale: 1"=100'
 Printed by: JH Plotter: AT

400 S

200 S

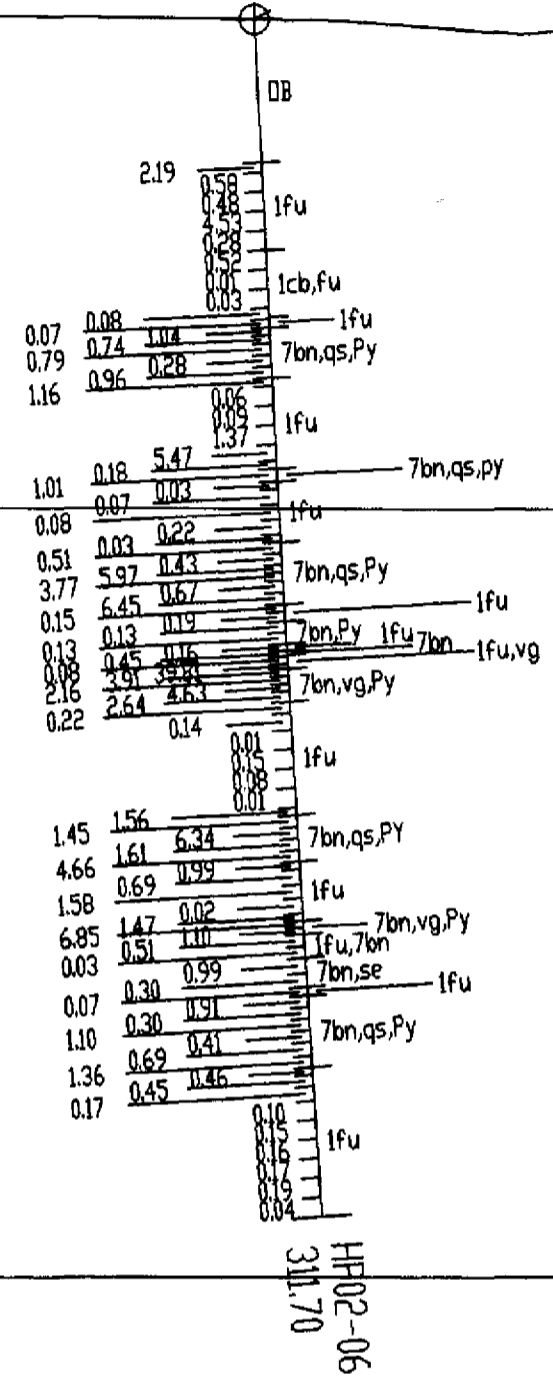
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200 N

Claim
12679

Claim
12579

HP02-06
Az 340
Dip -87



NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultrabasic Volcanics
- 1a Talc-chlorite Ultrabasic
- 2 mafic Volcanics
- 2fa mafic (F=Tholeiite) Volcanics

CARBONATE ALTERED ROCKS

- lcb Grey Carb
- Ifu Green Carb
- 7bn Brown Carb Dike

INTRUSIVES

- 7 mafic Dikes
- 7a Lamprophyre
- 8fa Feldspar Porphyry
- 10 Basalt

ALTERATION

- bl bleached
- ca calcite
- cb carbonate
- ch chlorite
- fu fuchsite
- se sericite
- st silica
- sr serpentine
- tc talc
- ts tourmaline

MINERALIZATION

- py pyrite
- cpy chalcopyrite
- vg visible gold

OTHER

- DB Overburden
- LC Lost Core
- FT Fault
- FZ Fault Zone

TEXTURE

- bx breccia
- hy hydrothermal
- lc lacustrine
- n massive
- p pillowed
- pbx pillow-breccia
- vr volcanic

VEINING

- qs quartz
- qs quartz stringers
- qv quartz veins
- qcv quartz calcite veins

Note #1: Modify Major Lithology with alteration, in

- lcb,tc grey carb with minor talc
- lcb,cb talc ultrabasic with minor carb
- lcb, fu grey carb with minor fuchsite

Note #2: Upper and Lower case indicate relative strength of feature, in

- FZ Strong Fault Zone
- Fz Moderate Fault Zone
- fz Weak Fault Zone

100 feet



42A10SW2029 2.24187 MACKLEM

NIGHTHAWK LAKE PROJECT - HOPSON ZONE GEOLOGICAL LEGEND

MAJOR LITHOLOGY	ALTERATION	TEXTURE
1 Ultramafic Volcanics 1tc Talc-chlorite Ultramafics 2 Mafic Volcanics 2fe Mafic (Fe-Tholeitic) Volcanics	bl bleached ca calcite cb carbonate ch chlorite fu fuchsite se sericite st silica sp serpentine tc talc ts tourmaline	bx breccia hy hydrothermal lx leucocratic n massive p pillow pbx pillow-breccia vr variolitic
CARBONATE ALTERED ROCKS	MINERALIZATION	VEINING
icb Grey Carb ifu Green Carb 7bn Brown Carb Dike	py pyrite cgy chalcocopyrite vg veinlet gold	qs quartz qv quartz stringers qv quartz veins qcv quartz calcite veins
INTRUSIVES	OTHER	
7 Mafic Dikes 7L Lamprophyre 8fd Feldspar Porphyry 10 Dabase	OB Overburden LC Lost Core F1 Fault Fz Fault Zone	


Note OB Modify Major Lithology with alteration, in

icb,tc grey carb with minor talc
1tc,cb talc ultramafic with minor carb
1cb, fu grey carb with minor fuchsite

Note 8B Upper and Lower case indicate relative strength of feature, in

Fz Strong Fault Zone
Fz Moderate Fault Zone
Fz Weak Fault Zone

100 feet



Claim 12679 Claim 12579

2. 241 87



42A10SW2029 2.24187 MACKLEN

KINROSS
Gold Corporation
Nighthawk Lake Project
Hopson Section 3+00 E

File No: 24187	Date: July 6, 2002
Drawn by: AL	Scale: 1" = 50'
Checked: AL	Geologist: AL

400 S

200 S

0+00

200 N

HPO2-23
Az 160
Dip -83

NIGHTHAWK LAKE PROJECT - HOPSON ZONE GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultrabasic Volcanics
- 1tc Talc-chlorite Ultrabasics
- 2 Mafic Volcanics
- 2fa Mafic (Fe-Tholeiite) Volcanics

CARBONATE ALTERED ROCKS

- 1cb Grey Carb
- 1fu Green Carb
- 7bn Brown Carb like

INTRUSIVES

- 7 Mafic Dikes
- 7L Leucoporphyr
- 8fp Felsapup Porphyry
- 8f Diabase

ALTERATION

- bl bleached
- ca calcite
- cb carbonate
- ch chlorite
- fu fuchsite
- se sericite
- sl silica
- sr serpentine
- tc talc
- tm tourmaline

MINERALIZATION

- py pyrite
- cbp chalcopyrite
- vg visible gold

OTHER

- DB Overburden
- LC Lost Core
- fs Fault
- fz Fault Zone

TEXTURE

- bx breccia
- hy hydroclastic
- lc leucosome
- n massive
- p pillowed
- pbx pillow-breccia
- vp vesicular

VEINING

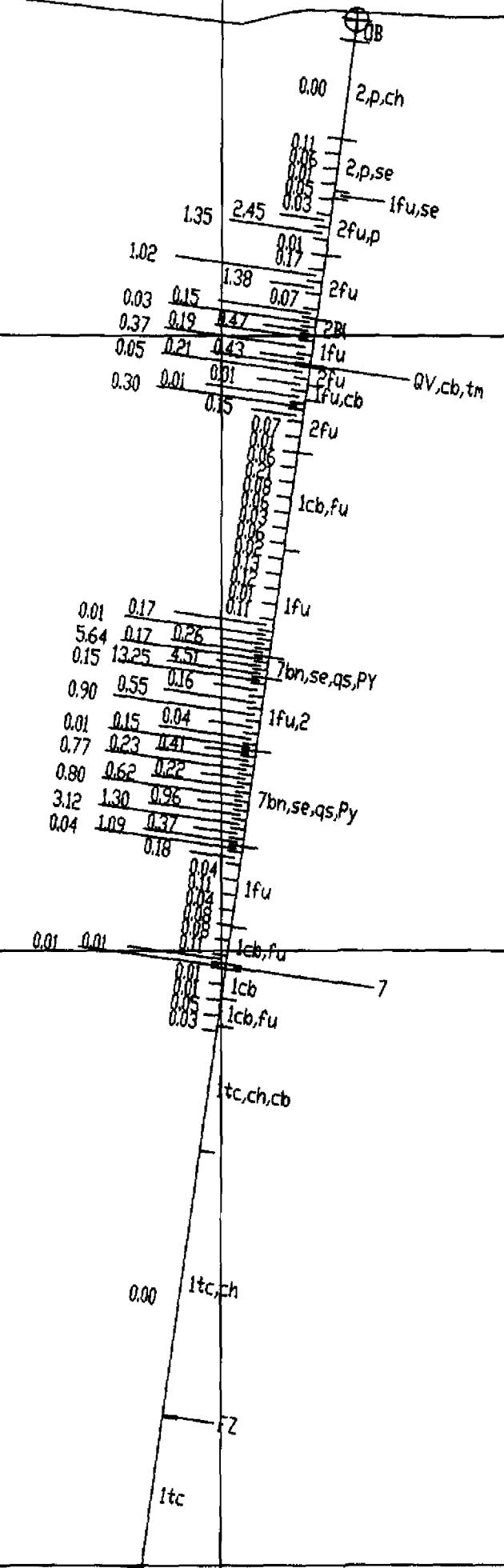
- qz quartz
- qs quartz stringers
- qv quartz veins
- qcq quartz calcite veins

Note 81: Modify Major Lithology with alteration, in
 1cb,tc grey carb with minor talc
 1tc,cb talc ultrabasic with minor carb
 1cb,fu grey carb with minor fuchsite

Note 82: Upper and Lower case indicate relative strength of feature, in
 FZ Strong Fault Zone
 fz Moderate Fault Zone
 fz Weak Fault Zone

100 feet

Claim
12579



HPO2-23
508.60

2.24187



KINROSS
Gold Corporation
Nighthawk Lake Project
Hopson Section 2+80 E
(2 of 2)

Drawn by	ML	Date	June 6, 2002
Checked by	ML	Scale	1" = 80'
Geologist	ML	Updated	ALL

NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultrabasic Volcanics
- 1tc Talc-chlorite Ultrabasics
- 2 Mafic Volcanics
- 2fc Mafic (Fe-Tholeiite) Volcanics

CARBONATE ALTERED ROCKS

- 1cb Grey Carb
- 1fu Green Carb
- 7bn Brown Carb Bre

INTRUSIVES

- 7 Mafic Dikes
- 7L Leucoporphyr
- 8Pp Feldspar Porphyry
- 10 Diabase

ALTERATION

- bl bleached
- ca calcite
- cb carbonate
- ch chlorite
- fu fuchsite
- sp sericite
- sl silica
- sn serpentine
- tc talc
- tn tourmaline

MINERALIZATION

- py pyrite
- cpy chalcopyrite
- vg visible gold

OTHER

- DB Overburden
- LC Lost Core
- fs Fault
- fz Fault Zone

TEXTURE

- br breccia
- hy hydrothermal
- lc leucophr
- n massive
- p pillowed
- pb pillow-breccia
- vr vuggy

VEINING

- qz quartz
- qs quartz stringers
- qv quartz veins
- qc quartz calcite veins

Note 01 Modify Major Lithology with alteration, ie:

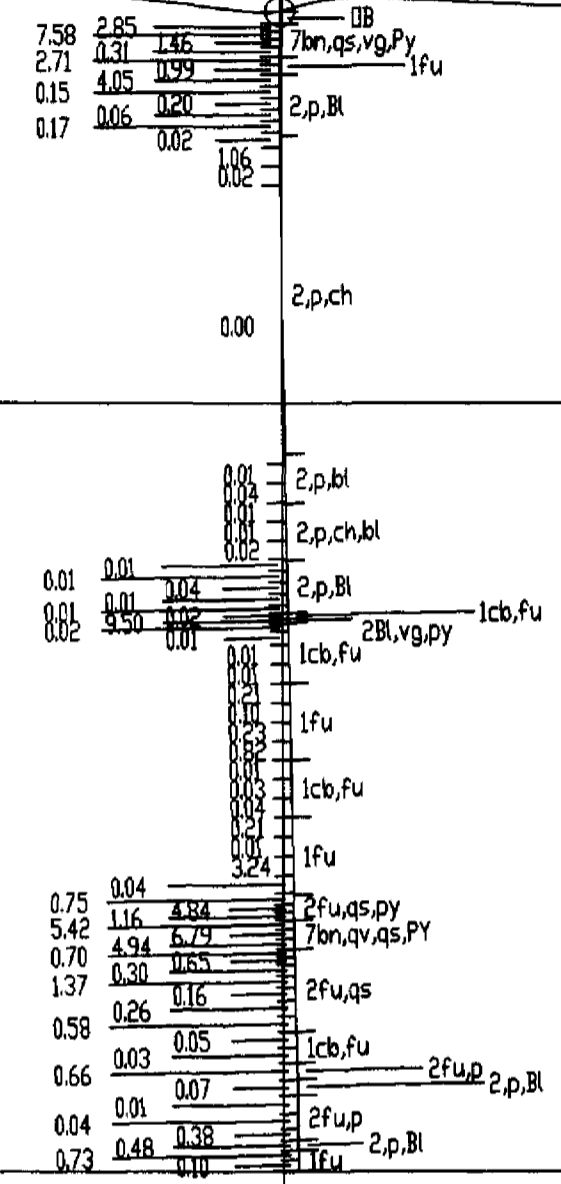
- 1cb,tc grey carb with minor talc
- 1tc,cb talc ultrabasic with minor carb
- 1cb,fc grey carb with minor fuchsite

Note 02 Upper and Lower case indicate relative strength of feature, ie:

- FZ Strong Fault Zone
- fz Moderate Fault Zone
- fz Weak Fault Zone

100 feet

Claim
12579



HP02-25
301.80

2.24187



42A10SW2029 2.24187 MACKLEM 350

KINROSS
Gold Corporation
THOMPSON OPERATIONS
Nighthawk Lake Project
Hopson Section 2+00 E

File No: 42A10SW2029	Date: June 5, 2003
Scale: 1" = 100'	Author: J.L. Macklem
Project: AL	Updated: AL

200 S

0+00

200 N

400 N

HP02-29
Az 340
Dip -76

HP02-28
Az 340
Dip -55

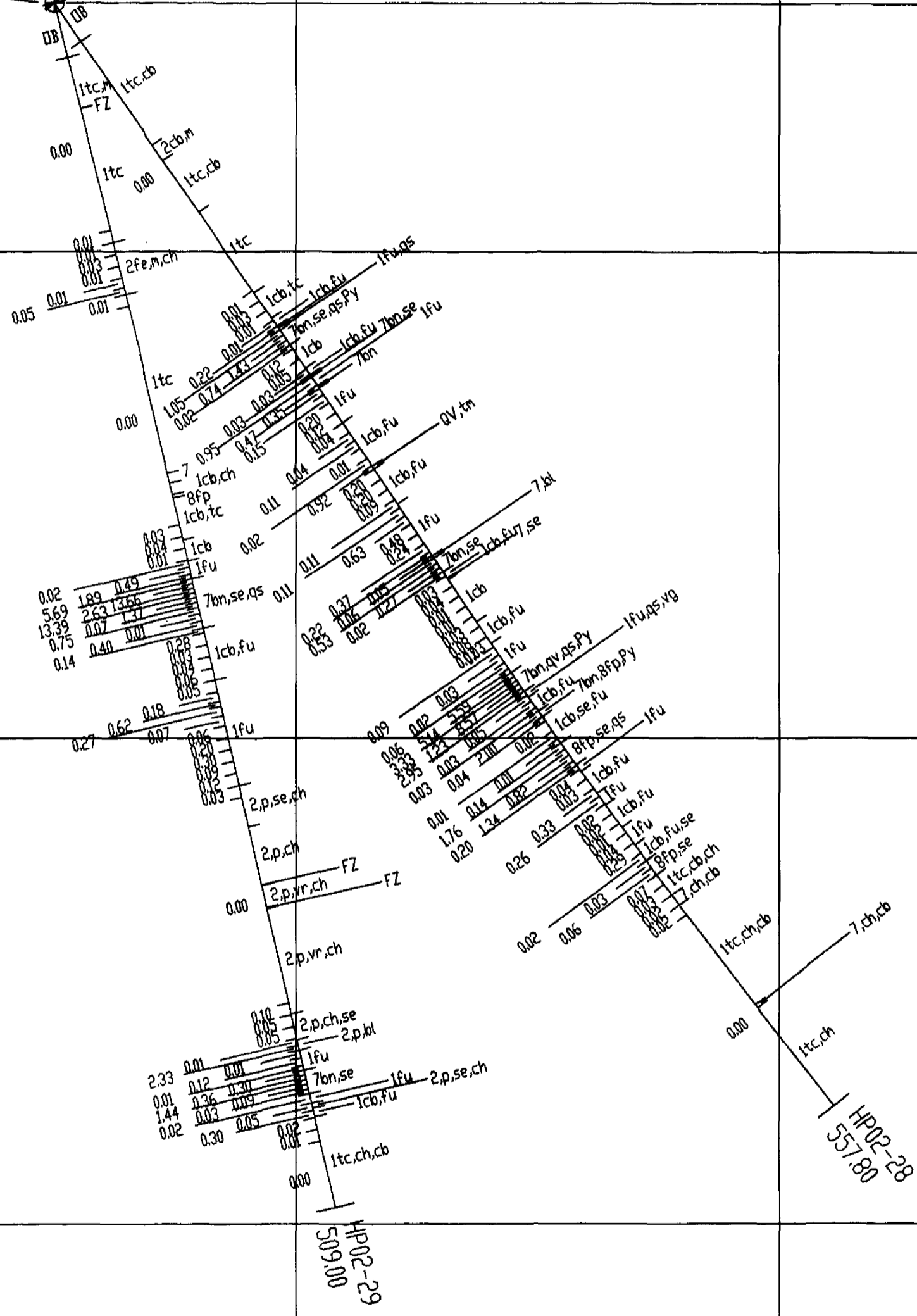
**NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND**

MAJOR LITHOLOGY	ALTERATION	TEXTURE
1 Ultramafic Volcanics 1tc Talc-chlorite Ultramafics 2 Mafic Volcanics 2fc Mafic (Fe-Thiothite) Volcanics	bl bleached ca calcite ch chlorite fu fuchsite se sericite sl silica sp serpentine tc talc tn tourmaline	br breccia hy hydrous silicate lc leucocrone n massive p pillowed plc pillow-breccia vr variolitic
CARBONATE ALTERED ROCKS	MINERALIZATION	VEINING
1cb Grey Carb 1fu Green Carb 7bn Brown Carb Ore	py pyrite cpy chalcopyrite vg visible gold	qs quartz qs quartz stringers qv quartz veins qvc quartz calcite veins
INTRUSIVES	OTHER	
7 Mafic Dike 7L Leucopyrite 8fp Feldspar Porphyry 10 Dabase	DB Overburden LC Lost Core Ft Fault Fz Fault Zone	
Note #1 Modify Major Lithology with alteration, in: 1cb,tc grey carb with minor talc 1tc,cb talc ultramafic with minor carb 1cb, fu grey carb with minor fuchsite		
Note #2 Upper and Lower case indicate relative strength of feature, in: Fz Strong Fault Zone Fz Moderate Fault Zone Fz Weak Fault Zone		

Claim
12679

Claim
12579

100 feet



42A10SW2029 2.24187 MACKLEN 370

KINROSS
Gold Corporation
TRADING OPERATION
Nighthawk Lake Project
Hopson Section 1+00 E
(1 of 2)

File No: 100-100 Date: June 4, 2001
Drawn by: J.L. Scale: 1" = 50'
Checked by: J.L. Version: A.L.

200 S

0+00

200 N

400 N

Claim 12679 Claim 12579

HP02-31
Az 340
Dip -65
HP02-30
Az 340
Dip -45

NIGHTHAWK LAKE PROJECT - HOPSON ZONE GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultrabasic Volcanics
- 1tc Talc-chlorite Ultrabasics
- 2 Hefic Volcanics
- 2fa Hefic (Fe-Tholeiite) Volcanics

CARBONATE ALTERED ROCKS

- lcb Grey Carb
- lfu Green Carb
- 7bn Brown Carb Dike

INTRUSIVES

- 7 Hefic Dikes
- 7L Leucophyre
- 8fp Feldspar Porphyry
- 10 Basalt

Note B: Modify Major Lithology with alterations in:
 lcb,tc grey carb with minor talc
 ltc,cb talc ultrabasic with minor carb
 lcb,fb grey carb with minor fuchsite

Note Bb: Upper and Lower case indicate relative strength of feature, in:
 FZ Strong Fault Zone
 fz Moderate Fault Zone
 Fz Weak Fault Zone

ALTERATION

- bl bleached
- cb calcite
- cb carbonate
- ch chlorite
- n massive
- fu fuchsite
- se sericite
- ss siliceous
- sp serpentine
- tc talc
- tn tourmaline

MINERALIZATION

- py pyrite
- cpy chalcopyrite
- vg visible gold

OTHER

- DB Overburden
- LC Lost Core
- fr Fault
- Fz Fault Zone

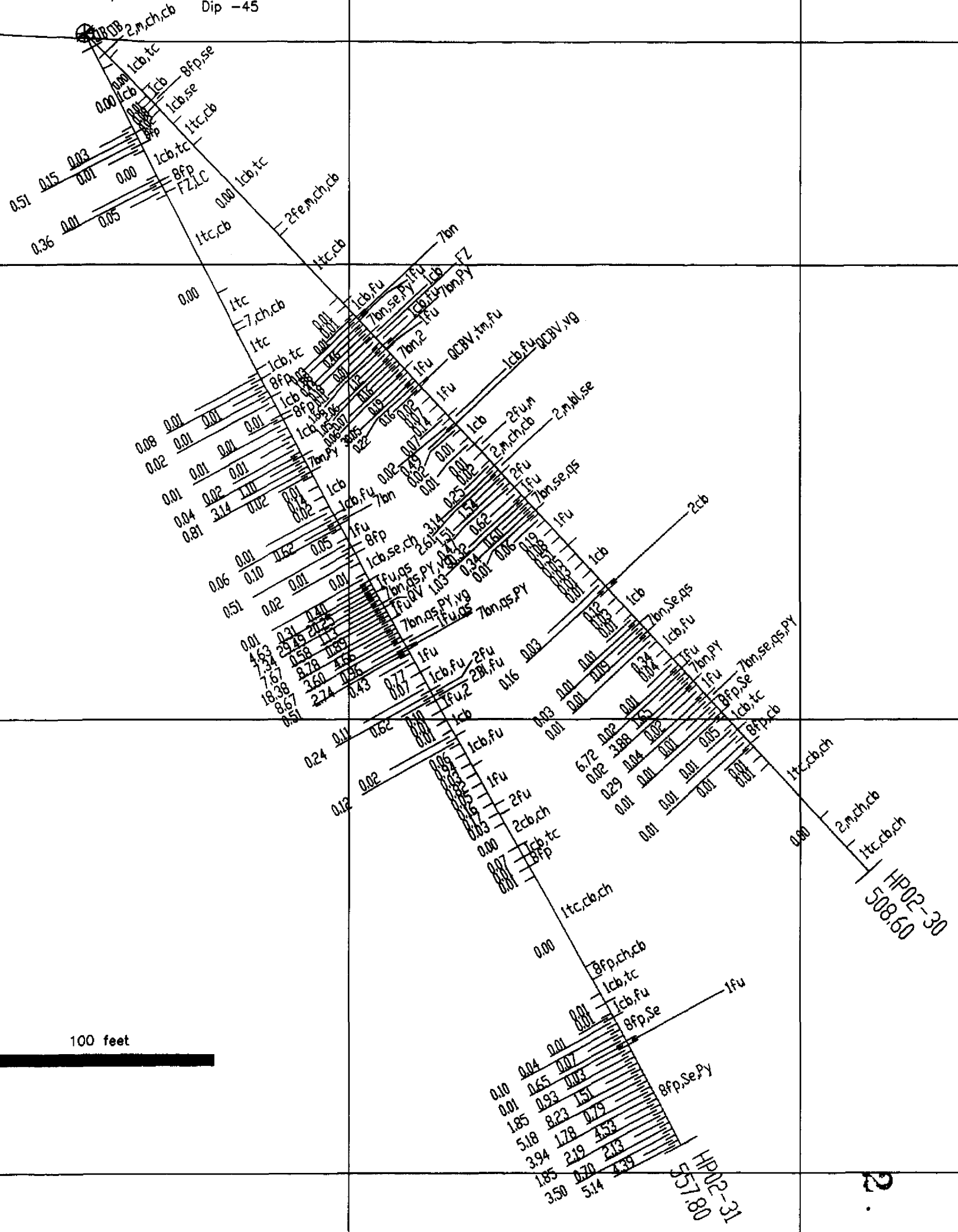
TEXTURE

- bx breccia
- hy hydroclastic
- lv leucovene
- p pillowed
- plb pillow-breccia
- vr variolitic

VEINING

- qz quartz
- qs quartz stringers
- qv quartz veins
- qv quartz calcite veins

100 feet



2. 241 87



200 S

0+00

200 N

400 N

HP02-32
Az 340
Dip -47



2A.ch.cb

0.00 ltc.cb

2Fe.m.ch

ltc.cb

8Fp

ltc.cb

ltc.cb

ltc.cb

ltc.cb

ltc.cb

ltc.cb

ltc.cb

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NIGHTHAWK LAKE PROJECT - HOPSON ZONE GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultrabasic Volcanics
- 1tc Talc-chlorite Ultrabasic
- 2 mafic Volcanics
- 2Fe mafic (Fe-Tholeiite) Volcanics

CARBONATE ALTERED ROCKS

- lcb Gray Carb
- lFu Green Carb
- 7bn Brown Carb Sil

INTRUSIVES

- 7 mafic dikes
- 7L Langpropyrite
- 8Fp Feldspar Porphyry
- 10 Diabase

Note: Modify Major Lithology with alteration, in:

- lcb/tc grey carb with minor talc
- ltc/cb talc ultrabasic with minor carb
- lcb/fu grey carb with minor fuchsite

Note: Upper and Lower case indicate relative strength of feature, in:

- FZ Strong Fault Zone
- Fz Moderate Fault Zone
- Fz Weak Fault Zone

ALTERATION

- bl bleached
- ca calcite
- cb carbonate
- ch chlorite
- fu fuchsite
- se sericite
- sl silica
- sp serpentine
- tc talc
- tr tourmaline

MINERALIZATION

- py pyrite
- cpy chalcopyrite
- vg visible gold

OTHER

- DB Overburden
- LC Lost Core
- FF Fault
- Fz Fault Zone

TEXTURE

- br breccia
- hy hydrochlorite
- lc leucopane
- n massive
- p pillowed
- pb pillow-breccia
- vr variolite

VEINING

- qt quartz
- qtz quartz stringers
- qv quartz veins
- qvc quartz calcite veins

100 feet



Claim
12679

Claim
12579

Claim
12579

Claim
P546620

HP02-32
548.00

2.241
87



42A10SW2029

2.24187

MACKLEM

430

KINROSS

Gold Corporation

TECHNICAL OPERATIONS

Nighthawk Lake Project

Hopson Section 04-50 W

(1 of 2)

File No: 0100 Date: Aug 6, 2008

Drawn by: AL Scale: 1" = 10'

Checked by: AL Title: AL

200 S

0+00

200 N

400 N

HP02-48
Az 340
Dip -55



2 m,cb

0.00 ltc,cb

2Fe,m,cb

lcb,lc

7on,se,py

lFu,cb,qv

lFu,cb

7on,se,py

7on,se,py

lcb,lFu,7on,se,py,ax

FZ,lcb

lcb

7on,se,py

lcb,lc,cb

lcb,lc,cb

lFu,cb

7on,se,py

FLT

lFu

lFu,cb,se

lFu

7on,se,py

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

lcb,lc

NIGHTHAWK LAKE PROJECT - HOPSON ZONE GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultramafic Volcanics
- 1tc Talc-chlorite Ultramafics
- 2 Mafic Volcanics
- 2Fe Mafic (Fe-Tholeiite) Volcanics

CARBONATE ALTERED ROCKS

- lcb Grey Carb
- lFu Green Carb
- 7on Brown Carb Silc

INTRUSIVES

- 7 Mafic Dikes
- 7L Leucoporphyr
- 8Fe Feldspar Porphyry
- 18 Basalt

Note 8L Modify Major Lithology with alteration, in

- lcb,lc grey carb with minor silc
- lcb,cb silc ultramafic with minor carb
- lcb,lc grey carb with minor fuchalte

Note 18 Upper and Lower case indicate relative strength of feature, in

- FZ Strong Fault Zone
- Fs Moderate Fault Zone
- Fs Weak Fault Zone

ALTERATION

- bl bleached
- ca calcite
- cb carbonate
- ch chlorite
- Fu fuchalte
- se sericite
- sl silica
- sp serpentine
- tc silc
- tn tourmaline

MINERALIZATION

- py pyrite
- qv chalcocyanite
- vg variable gold

OTHER

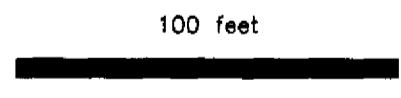
- DB Overburden
- LD Lost Core
- Flt Fault
- Fz Fault Zone

TEXTURE

- br breccia
- hy hydrothermal
- lc lapillaceous
- n massive
- p pillowed
- pln pillow-breccia
- vr variolitic

VEINING

- qv quartz
- qv quartz stringers
- qv quartz veins
- qv quartz calcite veins



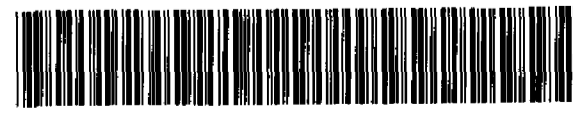
Claim
12679

Claim
12579

Claim
12579

Claim
P546620

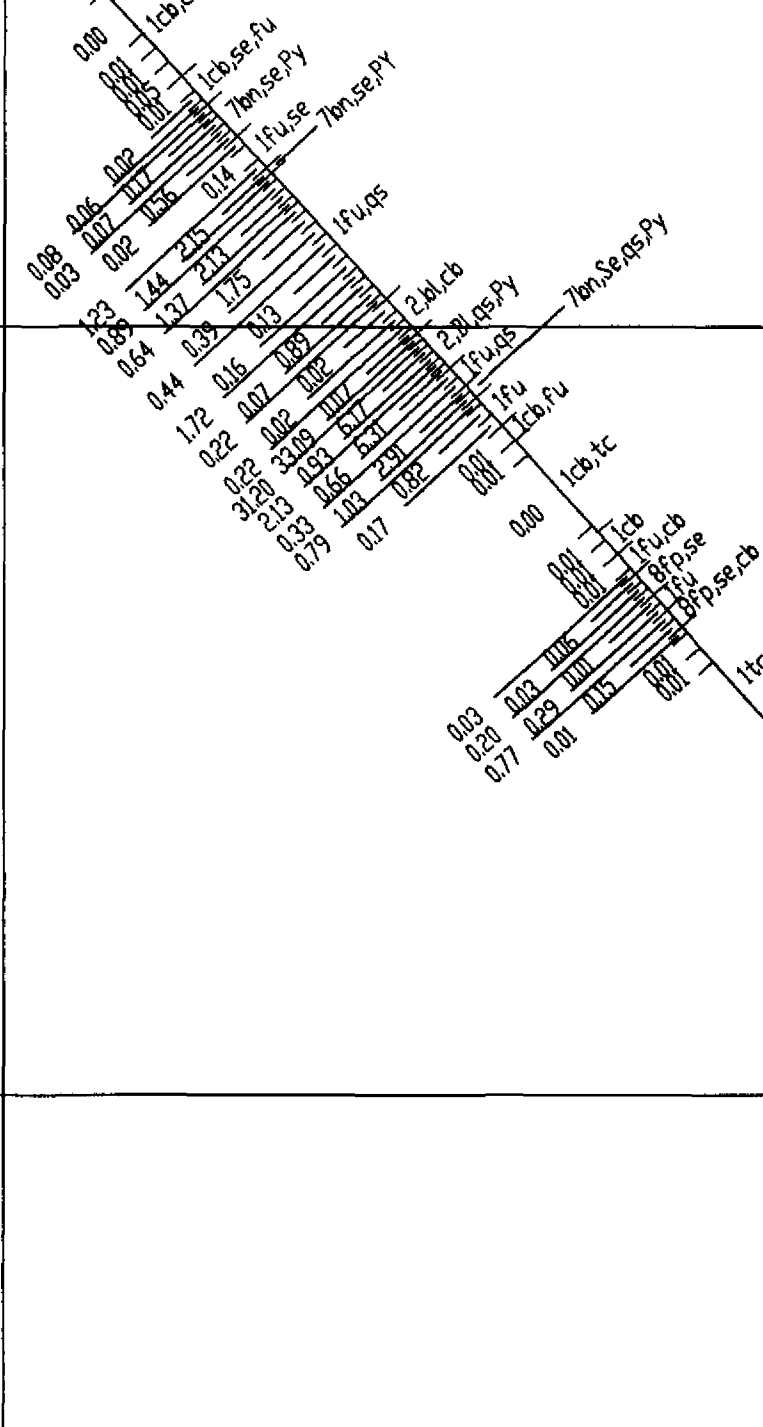
HP02-48
597,00



KINROSS
Gold Corporation
TENNANT CORPORATION
Nighthawk Lake Project
Hopson Section 0+50 W
(2 of 2)

Drawn by: AL	Date: June 6, 2002
Checked by: AL	Scale: 1" = 50'
Approved by: AL	Project: AL

HP02-42
AZ 340
Dip -53



400 N

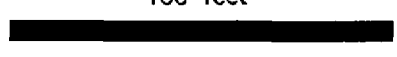
600 N

HP02-42
429.80

Claim
P546620

NIGHTHAWK LAKE PROJECT - HOPSON ZONE GEOLOGICAL LEGEND		
<p>MAJOR LITHOLOGY</p> <p>1 Ultramafic Volcanics 1tc Talc-Chlorite Ultramafics 2 Mafic Volcanics 3 Mafic (7a-7c) Volcanics</p> <p>CARBONATE ALTERED ROCKS</p> <p>icb Gray Carb ifu Green Carb tbn Brown Carb Bre</p> <p>INTRUSIVES</p> <p>7 Mafic Dikes 7L Leucoporphyr 8P Feldspar Porphyry 9 Basalt</p> <p>Note 8b Modify Major Lithology with alteration, ie icb,tc gray carb with minor talc 1tc,cb talc ultramafic with minor carb icb,fu gray carb with minor fuchsite</p> <p>Note 8b Upper and Lower case indicate relative strength of feature, ie: FZ Strong Fault Zone FZ Moderate Fault Zone Fz Weak Fault Zone</p>	<p>ALTERATION</p> <p>bl bleached ca calcite cb carbonate ch chlorite fu fuchsite se sericite sl silice sr sericite tc talc tn tourmaline</p> <p>MINERALIZATION</p> <p>py pyrite cp chloropyrite vg visible gold</p> <p>OTHER</p> <p>DB Overburden LC Lost Core Fz Fault FZ Fault Zone</p>	<p>TEXTURE</p> <p>br breccia hy hydrothermal li leucocane n massive p pillowed pbx pillow-breccia vr variolitic</p> <p>VEINING</p> <p>qt quartz sq quartz stringers qv quartz veins qvc quartz calcite veins</p>

100 feet



KINROSS
Gold Corporation

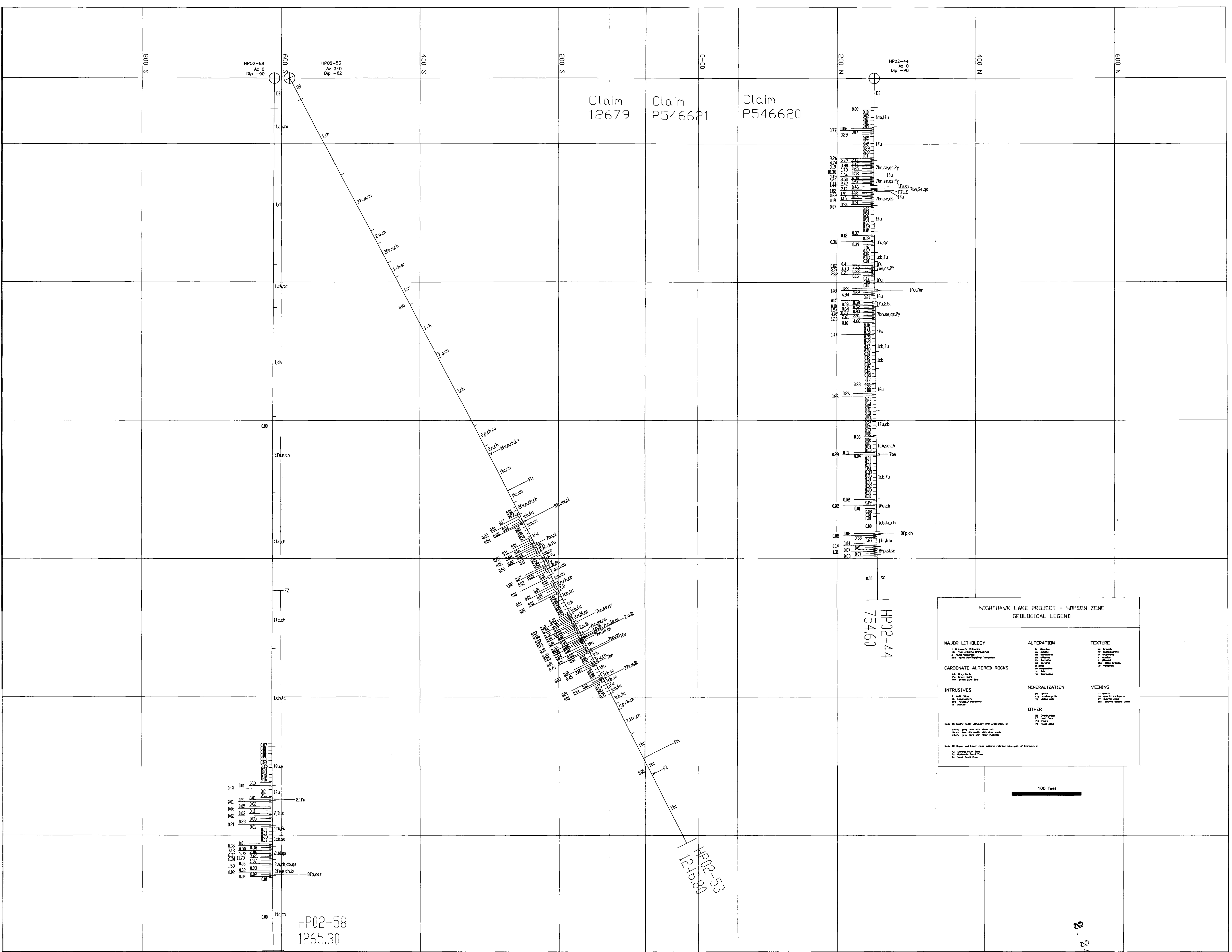
TIMMINS OPERATION

Nighthawk Lake Project

Hopson Section 1+00 W
(2 of 2)

File: Hop-100W#2.dwg	Date: June 6, 2002
Drawn by: A.L.	Scale: 1" = 50'
Compiled: A.L.	Updated: A.L.



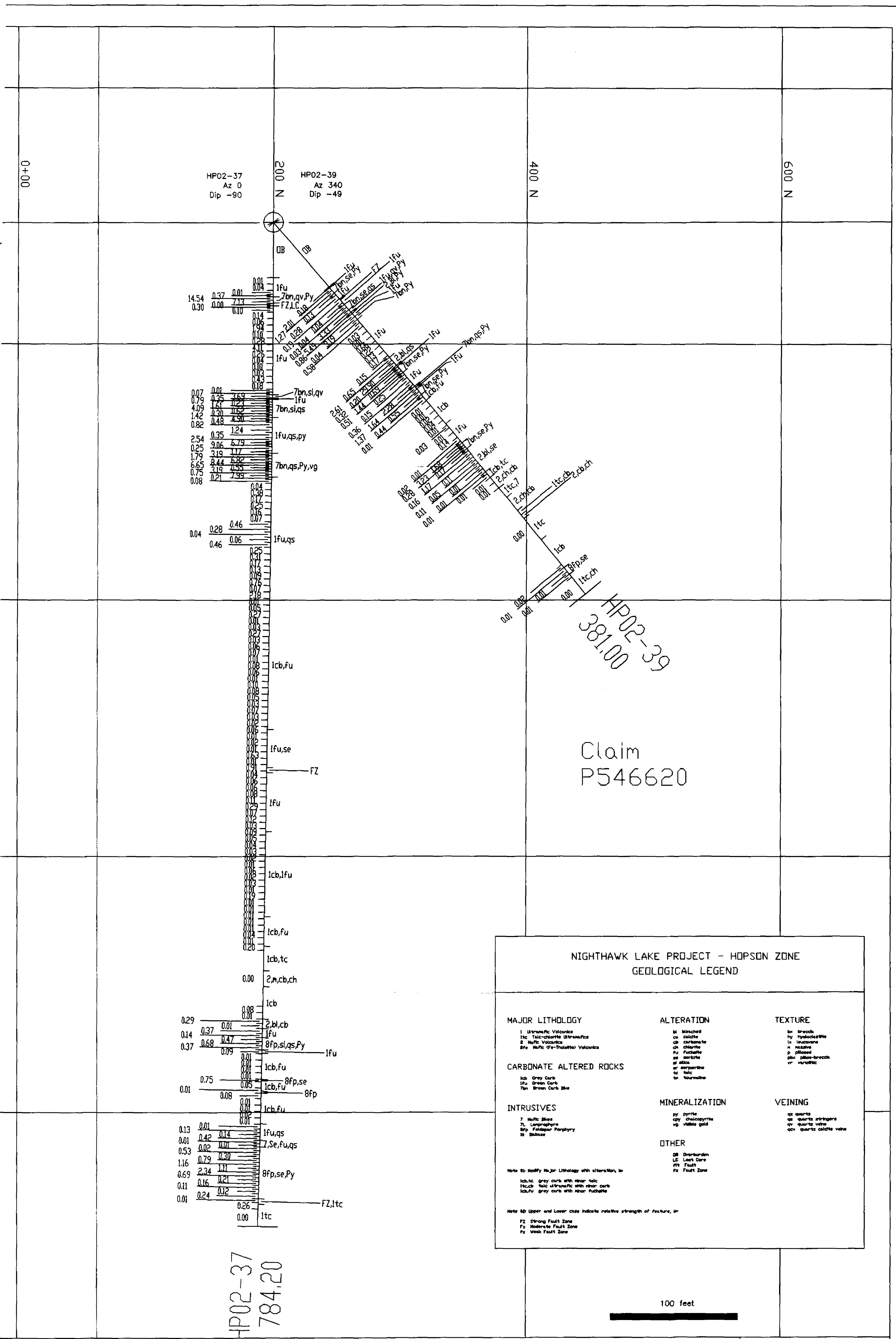


**NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND**

MAJOR LITHOLOGY	ALTERATION	TEXTURE
1. Metasedimentary	1. Siliceous	1. Blocky
2. Metavolcanic	2. Siliceous	2. Blocky
3. Metagranite	3. Siliceous	3. Blocky
4. Metadiabase	4. Siliceous	4. Blocky
5. Metagabbro	5. Siliceous	5. Blocky
6. Metagabbro	6. Siliceous	6. Blocky
7. Metagabbro	7. Siliceous	7. Blocky
8. Metagabbro	8. Siliceous	8. Blocky
9. Metagabbro	9. Siliceous	9. Blocky
10. Metagabbro	10. Siliceous	10. Blocky
11. Metagabbro	11. Siliceous	11. Blocky
12. Metagabbro	12. Siliceous	12. Blocky
13. Metagabbro	13. Siliceous	13. Blocky
14. Metagabbro	14. Siliceous	14. Blocky
15. Metagabbro	15. Siliceous	15. Blocky
16. Metagabbro	16. Siliceous	16. Blocky
17. Metagabbro	17. Siliceous	17. Blocky
18. Metagabbro	18. Siliceous	18. Blocky
19. Metagabbro	19. Siliceous	19. Blocky
20. Metagabbro	20. Siliceous	20. Blocky
21. Metagabbro	21. Siliceous	21. Blocky
22. Metagabbro	22. Siliceous	22. Blocky
23. Metagabbro	23. Siliceous	23. Blocky
24. Metagabbro	24. Siliceous	24. Blocky
25. Metagabbro	25. Siliceous	25. Blocky
26. Metagabbro	26. Siliceous	26. Blocky
27. Metagabbro	27. Siliceous	27. Blocky
28. Metagabbro	28. Siliceous	28. Blocky
29. Metagabbro	29. Siliceous	29. Blocky
30. Metagabbro	30. Siliceous	30. Blocky
31. Metagabbro	31. Siliceous	31. Blocky
32. Metagabbro	32. Siliceous	32. Blocky
33. Metagabbro	33. Siliceous	33. Blocky
34. Metagabbro	34. Siliceous	34. Blocky
35. Metagabbro	35. Siliceous	35. Blocky
36. Metagabbro	36. Siliceous	36. Blocky
37. Metagabbro	37. Siliceous	37. Blocky
38. Metagabbro	38. Siliceous	38. Blocky
39. Metagabbro	39. Siliceous	39. Blocky
40. Metagabbro	40. Siliceous	40. Blocky
41. Metagabbro	41. Siliceous	41. Blocky
42. Metagabbro	42. Siliceous	42. Blocky
43. Metagabbro	43. Siliceous	43. Blocky
44. Metagabbro	44. Siliceous	44. Blocky
45. Metagabbro	45. Siliceous	45. Blocky
46. Metagabbro	46. Siliceous	46. Blocky
47. Metagabbro	47. Siliceous	47. Blocky
48. Metagabbro	48. Siliceous	48. Blocky
49. Metagabbro	49. Siliceous	49. Blocky
50. Metagabbro	50. Siliceous	50. Blocky
51. Metagabbro	51. Siliceous	51. Blocky
52. Metagabbro	52. Siliceous	52. Blocky
53. Metagabbro	53. Siliceous	53. Blocky
54. Metagabbro	54. Siliceous	54. Blocky
55. Metagabbro	55. Siliceous	55. Blocky
56. Metagabbro	56. Siliceous	56. Blocky
57. Metagabbro	57. Siliceous	57. Blocky
58. Metagabbro	58. Siliceous	58. Blocky
59. Metagabbro	59. Siliceous	59. Blocky
60. Metagabbro	60. Siliceous	60. Blocky
61. Metagabbro	61. Siliceous	61. Blocky
62. Metagabbro	62. Siliceous	62. Blocky
63. Metagabbro	63. Siliceous	63. Blocky
64. Metagabbro	64. Siliceous	64. Blocky
65. Metagabbro	65. Siliceous	65. Blocky
66. Metagabbro	66. Siliceous	66. Blocky
67. Metagabbro	67. Siliceous	67. Blocky
68. Metagabbro	68. Siliceous	68. Blocky
69. Metagabbro	69. Siliceous	69. Blocky
70. Metagabbro	70. Siliceous	70. Blocky
71. Metagabbro	71. Siliceous	71. Blocky
72. Metagabbro	72. Siliceous	72. Blocky
73. Metagabbro	73. Siliceous	73. Blocky
74. Metagabbro	74. Siliceous	74. Blocky
75. Metagabbro	75. Siliceous	75. Blocky
76. Metagabbro	76. Siliceous	76. Blocky
77. Metagabbro	77. Siliceous	77. Blocky
78. Metagabbro	78. Siliceous	78. Blocky
79. Metagabbro	79. Siliceous	79. Blocky
80. Metagabbro	80. Siliceous	80. Blocky
81. Metagabbro	81. Siliceous	81. Blocky
82. Metagabbro	82. Siliceous	82. Blocky
83. Metagabbro	83. Siliceous	83. Blocky
84. Metagabbro	84. Siliceous	84. Blocky
85. Metagabbro	85. Siliceous	85. Blocky
86. Metagabbro	86. Siliceous	86. Blocky
87. Metagabbro	87. Siliceous	87. Blocky
88. Metagabbro	88. Siliceous	88. Blocky
89. Metagabbro	89. Siliceous	89. Blocky
90. Metagabbro	90. Siliceous	90. Blocky
91. Metagabbro	91. Siliceous	91. Blocky
92. Metagabbro	92. Siliceous	92. Blocky
93. Metagabbro	93. Siliceous	93. Blocky
94. Metagabbro	94. Siliceous	94. Blocky
95. Metagabbro	95. Siliceous	95. Blocky
96. Metagabbro	96. Siliceous	96. Blocky
97. Metagabbro	97. Siliceous	97. Blocky
98. Metagabbro	98. Siliceous	98. Blocky
99. Metagabbro	99. Siliceous	99. Blocky
100. Metagabbro	100. Siliceous	100. Blocky

2. 24. 871





**NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND**

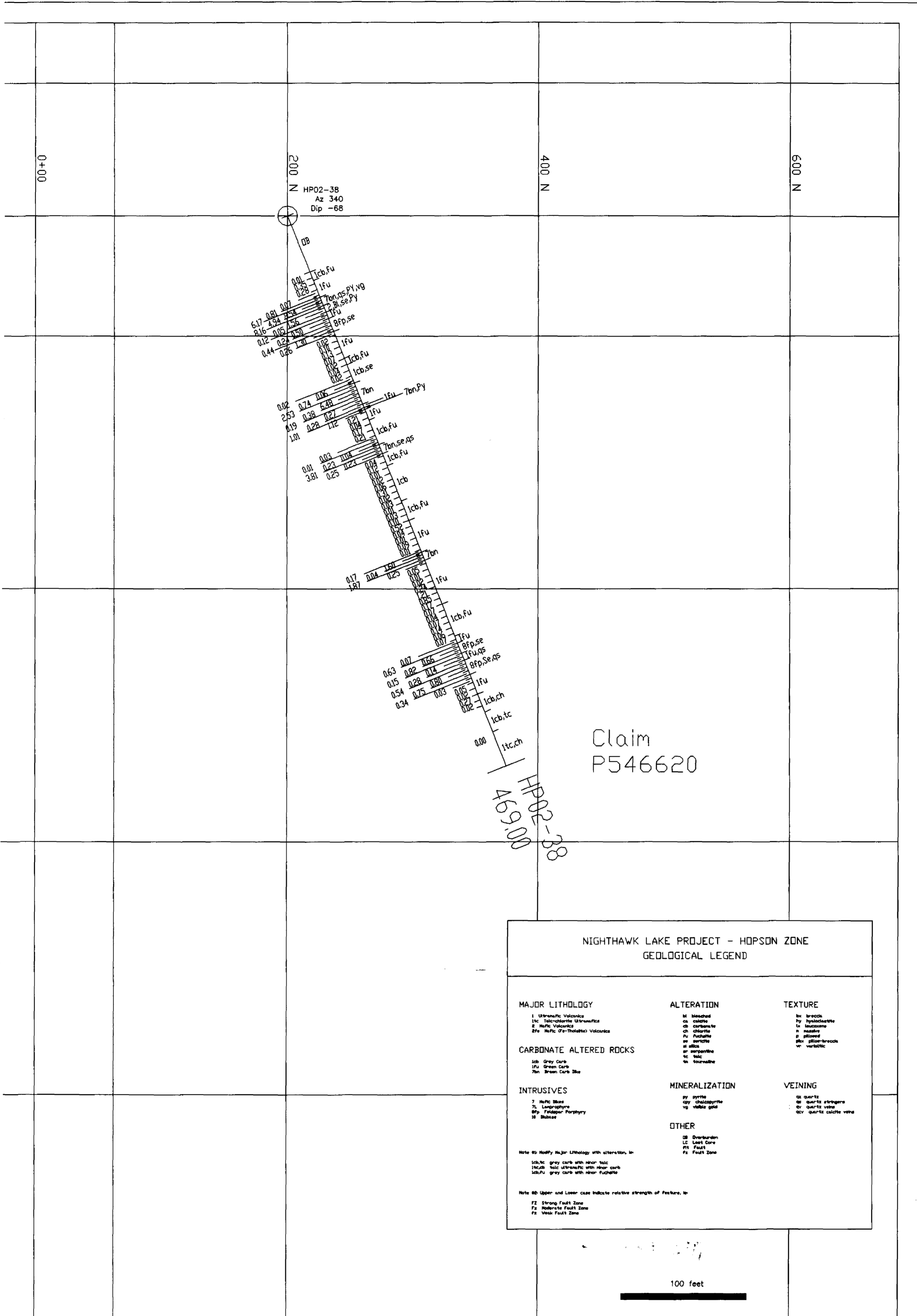
MAJOR LITHOLOGY	ALTERATION	TEXTURE
<ul style="list-style-type: none"> 1 Ultrabasic Volcanics ltc Talc-chlorite Ultrabasic ltc Talc-chlorite Ultrabasic 2 mafic Volcanics 8e mafic (Fe-Tholeiite) Volcanics 	<ul style="list-style-type: none"> ltc brecciated ca calcite cb carbonate ch chlorite fu fuchsite sp sericite st silica ar serpentinite tc talc tn tourmaline 	<ul style="list-style-type: none"> br breccia hy hydrothermal lx leucophaea n neobite p pillowed plac pillow-breccia vt veinitic
CARBONATE ALTERED ROCKS	MINERALIZATION	VEINING
<ul style="list-style-type: none"> lcb Grey Carb lfu Green Carb 7bn Brown Carb Blue 	<ul style="list-style-type: none"> py pyrite cpy chalcopyrite vg visible gold 	<ul style="list-style-type: none"> qt quartz qs quartz stringers qv quartz veins qvc quartz calcite veins
INTRUSIVES	OTHER	
<ul style="list-style-type: none"> 7 mafic dikes 7L Lamprophyre 8fp Felsophyre Porphyry 10 diabase 	<ul style="list-style-type: none"> DB Brecciated LC Lost Core FZ Fault Fz Fault Zone 	
<p>Note: 8D Modify Major Lithology with alteration, in</p> <p>lcb,tc grey carb with minor talc lcb,cb talc ultrabasic with minor carb lcb,lu grey carb with minor fuchsite</p> <p>Note: 8D Upper and Lower case indicate relative strength of feature, in</p> <p>Fz Strong Fault Zone Fz Moderate Fault Zone Fz Weak Fault Zone</p>		

100 feet

KINROSS
Gold Corporation
TWINNING OPERATION
Nighthawk Lake Project
Hopson Section 2+50 W
(1 of 2)

File: Hop-250W1.dwg	Date: June 6, 2002
Drawn by: A.L.	Scale: 1" = 50'
Completed: A.L.	Updated: A.L.





Claim
P546620

HPO2-38
469+00

NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND

MAJOR LITHOLOGY

- 1 Ultramafic Volcanics
- 1tc Talc-chlorite Ultramafics
- 2 mafic Volcanics
- 2fu mafic (Fe-Tholeiite) Volcanics

CARBONATE ALTERED ROCKS

- lcb Grey Carb
- lfu Green Carb
- 7bn Brown Carb Silic

INTRUSIVES

- 7 mafic dikes
- 7L Leucogabbro
- 8Fz Felsic Porphyry
- 10 Basalt

Note #1 Modify Major Lithology with alteration, in:
lcb,tc grey carb with minor talc
lcb,cb talc ultramafic with minor carb
lcb,fu grey carb with minor fuchsite

Note #2 Upper and Lower case indicate relative strength of Feature, in:
Fz Strong Fault Zone
Fz Moderate Fault Zone
Fz Weak Fault Zone

ALTERATION

- bl bleached
- ca calcite
- cb carbonate
- ch chlorite
- fu fuchsite
- st silica
- sp serpentine
- tc talc
- ta tourmaline

MINERALIZATION

- py pyrite
- cpy chalcopyrite
- vg visible gold

OTHER

- DB Overburden
- LC Lost Core
- Fz Fault
- Fz Fault Zone

TEXTURE

- bu breccia
- hy hydrothermal
- lc lacustrine
- h massive
- g gneiss
- plb pillow-breccia
- vt vesicular

VEINING

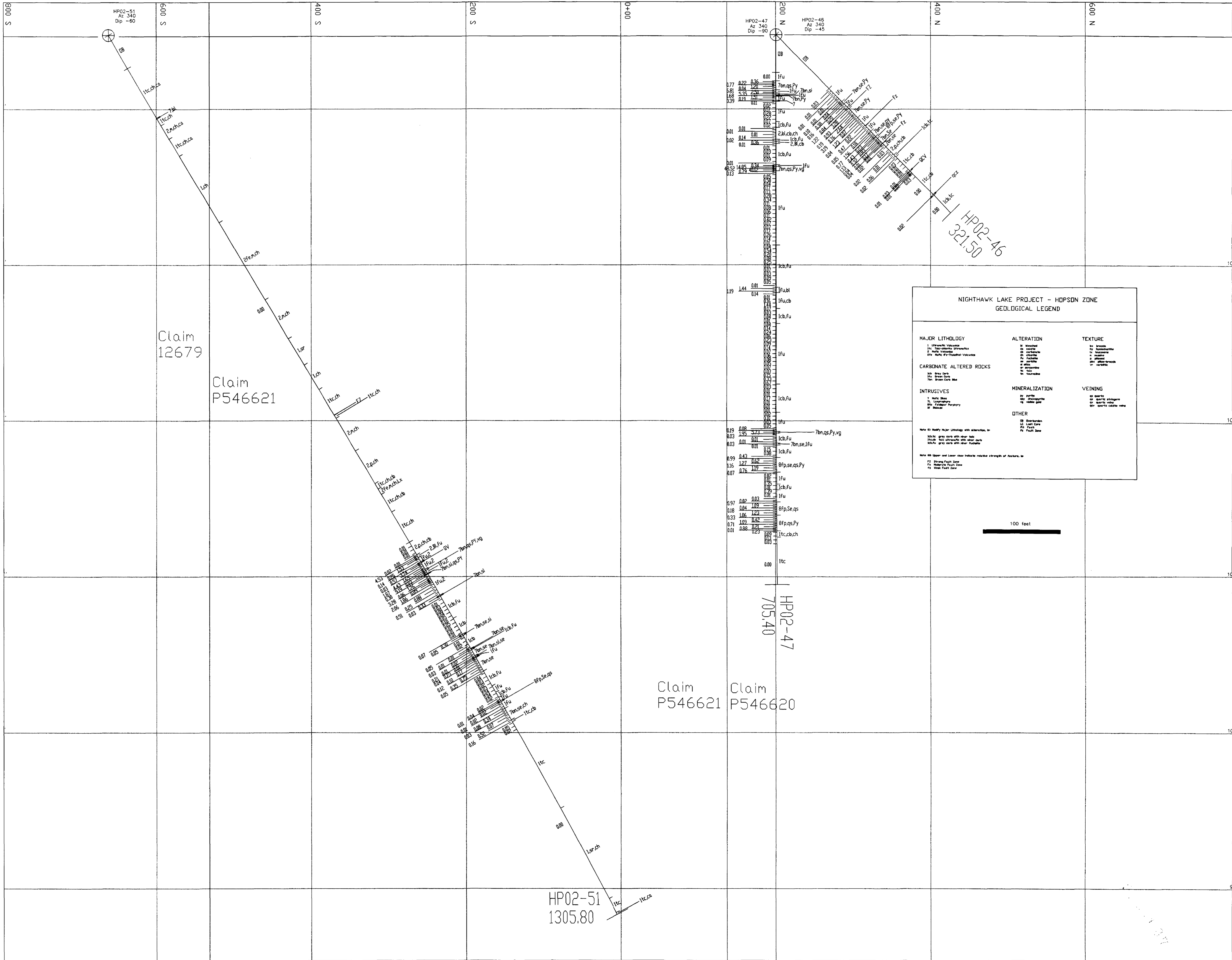
- qz quartz
- qs quartz stringers
- qv quartz veins
- qcv quartz calcite veins

100 feet



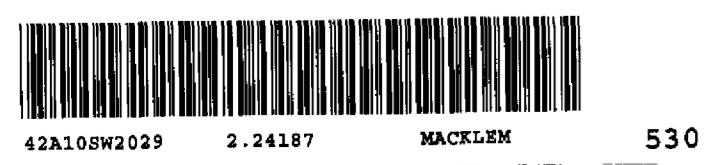
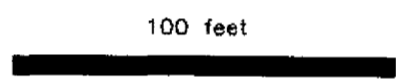
KINROSS
Gold Corporation
TIMMINS OPERATION
Nighthawk Lake Project
Hopson Section 2+50 W
(2 of 2)

File: HPO-2002.dwg	Date: June 6, 2002
Drawn by: A.L.	Scale: 1" = 60'
Compiled: A.L.	Updated: A.L.



**NIGHTHAWK LAKE PROJECT - HOPSON ZONE
GEOLOGICAL LEGEND**

MAJOR LITHOLOGY	ALTERATION	TEXTURE
1. Ultramafic Volcanics	10. Sericitic	10. Breccia
2. Mafic Volcanics	11. Chloritic	11. Brecciated
3. Intermediate Volcanics	12. Siliceous	12. Brecciated
4. Basaltic	13. Sulfidation	13. Brecciated
5. Andesitic	14. Siliceous	14. Brecciated
6. Basaltic	15. Siliceous	15. Brecciated
7. Andesitic	16. Siliceous	16. Brecciated
8. Basaltic	17. Siliceous	17. Brecciated
9. Andesitic	18. Siliceous	18. Brecciated
10. Basaltic	19. Siliceous	19. Brecciated
11. Andesitic	20. Siliceous	20. Brecciated
12. Basaltic	21. Siliceous	21. Brecciated
13. Andesitic	22. Siliceous	22. Brecciated
14. Basaltic	23. Siliceous	23. Brecciated
15. Andesitic	24. Siliceous	24. Brecciated
16. Basaltic	25. Siliceous	25. Brecciated
17. Andesitic	26. Siliceous	26. Brecciated
18. Basaltic	27. Siliceous	27. Brecciated
19. Andesitic	28. Siliceous	28. Brecciated
20. Basaltic	29. Siliceous	29. Brecciated
21. Andesitic	30. Siliceous	30. Brecciated
22. Basaltic	31. Siliceous	31. Brecciated
23. Andesitic	32. Siliceous	32. Brecciated
24. Basaltic	33. Siliceous	33. Brecciated
25. Andesitic	34. Siliceous	34. Brecciated
26. Basaltic	35. Siliceous	35. Brecciated
27. Andesitic	36. Siliceous	36. Brecciated
28. Basaltic	37. Siliceous	37. Brecciated
29. Andesitic	38. Siliceous	38. Brecciated
30. Basaltic	39. Siliceous	39. Brecciated
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34. Basaltic	43. Siliceous	43. Brecciated
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41. Andesitic	50. Siliceous	50. Brecciated
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43. Andesitic	52. Siliceous	52. Brecciated
44. Basaltic	53. Siliceous	53. Brecciated
45. Andesitic	54. Siliceous	54. Brecciated
46. Basaltic	55. Siliceous	55. Brecciated
47. Andesitic	56. Siliceous	56. Brecciated
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69. Andesitic	78. Siliceous	78. Brecciated
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87. Andesitic	96. Siliceous	96. Brecciated
88. Basaltic	97. Siliceous	97. Brecciated
89. Andesitic	98. Siliceous	98. Brecciated
90. Basaltic	99. Siliceous	99. Brecciated
91. Andesitic	100. Siliceous	100. Brecciated



KINROSS
Gold Corporation

TIMAMINS OPERATION
Nighthawk Lake Project
Hopson Section 4+00 W

File: Hop-400W.dwg Date: June 8, 2003
Drawn by: AL Scale: 1" = 50'
Completed: AL Updated: AL