Sample Submission Sheet

Waikaia Gold Ltd

Hole No: MF 49

COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals	Notes	Grade	Graphical Representation mg/cu m
C	M	F	VF	VVF	JV	LITRES	mg		METRES	Code		mg/cu m	100 200 300 400
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
				1	1	20	0.2		10			100	
					1	3.1	0.0		11				
					1	2.9	0.0		12				
						3.0	Nil		13				
				1	6	8.5	1.3		14			152	
				6	6	9.3	0.1		15			10	147
			1		5	6.3	1.6		16			250	
									17				28
									18				15.8 Back
									19				
									20				
									21				
									22				
									23				
									24				

Process Methodology	Sieve & Pan		Screen, Knudsen, Pan
Processor:			Processor:

COMMENTS:

Panner:	Fine Panner
DATE :	
Hole No.	Date
	Initials

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
YL	yellow	SND	sand	mnr	minor
OR	orange	GRT	grit	occ	occasional
RE	red	GRV	gravel	sca	scattered
BL	blue	CLY	clay		
BK	black	SCH	schist		
GY	grey				
GR	green				

jv is just visible gold, not normally collected.

Codes

ts = topsoil
sf = fine silt / sand
sc = coarse sand / grit
gf = fine sandy gravel
gc = coarse pebble/cobble gravel
gb very coarse cobble/boulder gravel
bc = basement clay
bd = basement silt/sand/grit/clay
bs = basement schist

Type	Heavy Minerals
HM=heavy mineral	0 = 0%
MAO=maori stone	1 = 0 - 1%
Hem = hematite	2 = 2 - 2.5%
Mag = magnetite	3 =2.5 - 5%
Jas = Jaspilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max GS mm	Clay Est. %	Heavy Mins
Geologist:	Date				
Co-ordinates	E	1318505			
(Grid - NZTM)	N	4938869			

m			
0	MF49		
1	0-1	Mud	
2	1-2	Sand pebbles	
3	2-3	↓	
4	3-4	Sand Small cobbals	
5	4-5	Silty Clay	
6	5-6	Small cobbals Silt/sand	
7	6-7		
8	7-8	Sand cobbals	
9	8-9	clay sand small cobbals Sandy pebble	
Smp 10	9-10	Small pebbels Sand pebbels Sand	
Smp 11	10-11	Small cobbals Sand Small cobbals Sand	
Smp 12	11-12	Sand Small pebbels gravel Light gravel	
Smp 13	12-13	Sandy small pebbels cobbals B-out Sand cobbals	
Smp 14	13-14	Sand Large cobbals Large cobbals	
Smp 15	14-15	Large cobbals/pebbels Sandy pebble Small cobbals Sandy pebbels LAST 100mm	
Smp 16	15-16	Light cobbals/pebbels cobbals Schist at 15.8m hole Bottom	
17	~~16-17~~		
18		water Level 12.9M	
19			
20			
21			
22			
23			

Drill: Edson 300 | Aircore | Driller: | Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	Abundance	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Sample Submission Sheet											Waikaia Gold Ltd	Hole No: MF 48	
COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals		Grade	Graphical Representation mg/cu m
C	M	F	VF	VVF	JV	LITRES	mg		METRES	Code	Notes	mg/cu m	100 200 300 400
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
					2	2·2	0·0		10				
					2	1·0	0·0		11				
						3·4	Nil		12				
					1	2·8	0·0		13				
					3	3·4	0·0		14				
				1	1	42	0·2		15			47	} 1892mg 2·7m 16·23cm
		1	1	2	2	43	2·2		16			511	
		1	2	2	1	2·5	3·4		17			1360	
									18				
									19				
									20				
									21				
									22				
									23				
									24				
Process Methodology						Sieve & Pan				Screen, Knudsen, Pan			
Processor:										Processor:			

COMMENTS:	Panner:	Fine Panner
	DATE :	
	Hole No.	Date
		Initials

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
YL	yellow	SND	sand	mnr	minor
OR	orange	GRT	grit	occ	occasional
RE	red	GRV	gravel	sca	scattered
BL	blue	CLY	clay		
BK	black	SCH	schist		
GY	grey				
GR	green				

jv is just visible gold, not normally collected.

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Type	Heavy Minerals
HM=heavy mineral	0 = 0%
MAO=maori stone	1 = 0 - 1%
Hem = hematite	2 = 2 - 2.5%
Mag = magnetite	3 =2.5 - 5%
Jas = Jaspilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1318476			
(Grid - NZTM)	N	4938623			

m		
0	MF48	mud
1	0-1	Sandy pebbles
2	1-2	Sand / pebbs
3	2-3	Small cobbles
4	3-4	Sand / pebbs small cobbles
5	4-5	Sand/pebbles
6	5-6	Small cobbles Sand
7	6-7	pebbs / Sand
8	7-8	Small cobbles clay / Sand
9	8-9	cobbles clay Sand
Smp 10	9-10	Small cobbles / Sand pebbs Sandy
Smp 11	10-11	Small cobbles / Sand Sand
Smp 12	11-12	Sand / pebbs Sand / pebbs Small cobbles
Smp 13	12-13	Soft gravel, Sand / Small pebbs Soft Sand / Silty
Smp 14	13-14	Silty Sand pebbs Silty Sand / pebbs
Smp 15	14-15	Soft sand Water Small cobbles Sand
Smp 16	15-16	Soft Sand, Sand gravel
Smp 17	16-17	Shist at 16.2M hole bottom
18		
19		Water Level 9.9M
20		
21		
22		
23		

Drill: Edson 300		Aircore	Driller:	Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	**Abundance**	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Sample Submission Sheet												Waikaia Gold Ltd	Hole No: MF 47	
COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals			Grade	Graphical Representation mg/cu m
C	M	F	VF	VVF	JV	LITRES	mg		METRES	Code	Notes		mg/cu m	100 200 300 400
									1					
									2					
									3					
									4					
									5					
									6					
									7					
									8					
									9					
						2·7	Nil		10					
					1	5·3	0·0		11					
					1	2·8	0·0		12					
					1	5·0	0·0		13					
		1	2	15	5	15·5	4·2		14				270	2.692mg 1.4 15·4 Deep
		2	2	5	4	2·0	7·0		15				8500	
									16					
									17					
									18					
									19					
									20					
									21					
									22					
									23					
									24					
Process Methodology						Sieve & Pan				Screen, Knudsen, Pan				
Processor:										Processor:				
COMMENTS:											Panner:		Fine Panner	
											DATE :			
											Hole No.		Date	
													Initials	

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
YL	yellow	SND	sand	mnr	minor
OR	orange	GRT	grit	occ	occasional
RE	red	GRV	gravel	sca	scattered
BL	blue	CLY	clay		
BK	black	SCH	schist		
GY	grey				
GR	green				

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Mag = magnetite	3 =2.5 - 5%
Jas = Jaspilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1318452			
(Grid - NZTM)	N	4938597			

m		
0	MFL7	
1	0-1	mud
2	1-2	Sandy pepals
3	2-3	pepals
4	3-4	pepals / Sand
5	4-5	harder - ground / pepals
6	5-6	clay & sand hard cobbles / sandy
7	6-7	Soft clay small cobbals
8	7-8	clay Shell pepal mud - cobbals cobbals
9	8-9	Sandy
Smp 10	9-10	clay / Sand small pepals / Sand small cobbals
Smp 11	10-11	Sand / Small pepals
Smp 12	11-12	Small cobbals / Sandy pepals Sand / pepals Soft ground
Smp 13	12-13	Sand / pepals ground water. Soft Sand / pepal small cobbals / Sand / pepals
Smp 14	13-14	Sand / pepals / Silty Small cobbals / Sand pepals
Smp 15	14-15	Sandy / pepals Shist at 15.4m hole Botom
16	~~15~~-16	
17		Water Level 8.8M
18		
19		
20		
21		
22		
23		

Drill: Edson 300 | Aircore | Driller: | Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	Abundance	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1313221			
(Grid - NZTM)	N	4939~~5~~5			

m		
0	MF Lb	
1	0-1	gravel sand cobbles
2	1-2	
3	2-3	
4	3-4	
5	4-5	
6	5-6	
7	6-7	
8	7-8	Tailings
9	8-9	
10	9-10	
11	10-11	
12	11-12	
Smp 13	12-13	
Smp 14	13-14	
Smp 15	14-15	
Smp 16	15-16	
Smp 17	16-17	
Smp 18	17+18	
Smp 19	18-19	
Smp 20	19-20	
Smp 21	20-21	
Smp 22	21-22	22.5m Shut
Smp 23	22-23	

Drill: Edson 300 | Aircore | Driller: | Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	Abundance	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Tailings

Sample Submission Sheet

Waikaia Gold Ltd

Hole No: MF 46

COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals	Notes	Grade	Graphical Representation mg/cu m
C	M	F	VF	VVF	JV	LITRES	mg		METRES	Code		mg/cu m	100 200 300 400
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
									10				
									11				
									12				
						·05	Nil		13				
						·02	Nil		14				
						·02	Nil		15				
						·05	Nil		16				
						·1	Nil		17				
						·1	Nil		18				
						1.4	Nil		19				
						2.5	Nil		20				
			1			2.5	0.4		21			160	
			1			3	0.8		22			266	
						·8	Nil		23		Schist.		
									24				

170.4
2.5 m
22.5

Process Methodology	Sieve & Pan		Screen, Knudsen, Pan
Processor:			Processor:
COMMENTS:		Panner:	Fine Panner
		DATE :	
		Hole No.	Date
			Initials

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
YL	yellow	SND	sand	mnr	minor
OR	orange	GRT	grit	occ	occasional
RE	red	GRV	gravel	sca	scattered
BL	blue	CLY	clay		
BK	black	SCH	schist		
GY	grey				
GR	green				

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Hem = hematite	2 = 2 - 2.5%
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Jas = Jaspilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1318596			
(Grid - NZTM)	N	4938817			

m		Lithology & Drilling Notes
0	MFL5	
1	0-1	Mud
2	1-2	Sand clay
3	2-3	cobbals pepals
4	3-4	Sand clay
5	4-5	pepals
6	5-6	Small cobbals Sand
7	6-7	Pepels / Sand
8	7-8	Small cobbals
9	8-9	Sand / clay / pepals
Smp 10	9-10	Small cobbals / pepals pepels / sand / cobbals
Smp 11	10-11	pepels / Sand Small cobbals pepals / Sandy
Smp 12	11-12	pepals / Sand pepals / Sand (Try core on Last 100mm)
Smp 13	12-13	Sand / pepals Small cobbals / pepals
Smp 14	13-14	Sandy pepals Small cobbals cobbals / Sand
Smp 15	14.15	Sand / pepals ground water sandy
Smp 16	15-16	Sand / pepals Small cobbals Sand
Smp 17	16-17	Small cobbals pepals cobbals
Smp 18	17-18	Soft grevel Sandy pepals soft grevel
Smp 19	18-19	Sandy pepals (Try core on) hard Cobbal 18.6m —
20		
21		water Level 11.9 m
22		no Shit hole not Botomed
23		

Drill: Edson 300 | Aircore | Driller: | Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	Abundance	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Sample Submission Sheet

Waikaia Gold Ltd

Hole No: MF 45

COLOUR COUNT C	M	F	VF	VVF	JV	VOLUME LITRES	GOLD WEIGHT mg	Field Check Gold (ticks)	DEPTH METRES	Heavy Minerals Code	Notes	Grade mg/cu m	Graphical Representation mg/cu m 100 200 300 400
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
			1			2.5	1.1		10				
				4		3.5	Nil		11				
						2	Nil		12				
				1		3	0.9		13				
					1	3	0.0		14				
					1	3.6	0.9		15			250	
				2	4	5.5	0.8		16			145	
				3	2	10.5	1.1		17			104	
			1	3	10	10.9	2.6		18			260	
			1	2	8	9	4.2		19			466	
									20				
									21				
									22				
									23				
									24				

272 mg

4.5 m

18.5

Process Methodology: Sieve & Pan

Screen, Knudsen, Pan

Processor:

Processor:

COMMENTS:

Panner:

DATE :

Hole No.

Fine Panner

Date

Initials

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Jas = Jaspilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Sample Submission Sheet											Waikaia Gold Ltd	Hole No: MF 44	
COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals	Notes	Grade	Graphical Representation mg/cu m
C	M	F	VF	VVF	JV	LITRES	mg		METRES	Code		mg/cu m	100 200 300 400
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
					2	2	0·0		10				
					3	2·5	0·0		11				
					1	3	0·0		12				
						2·8	Nil		13				
						3·5	Nil		14				
						2·9	Nil		15				
		1		2	9	6·9	3·5		16			507	
		1		2	7	4	3·2		17			308	865mg
			5	10	6	6	9·7		18			1616	
									19				2·8m
									20				
									21				17·8 Bare
									22				
									23				
									24				
Process Methodology						Sieve & Pan				Screen, Knudsen, Pan			
Processor:										Processor:			

COMMENTS:	Panner:	Fine Panner
	DATE :	
	Hole No.	Date
		Initials

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
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Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1318572			
(Grid - NZTM)	N	4938791			

m		
0	MF44	
1	0-1	Mud / Sand
2	1-2	Sand / pepals
3	2-3	Small cobbles / peeps
4	3-4	pepals
5	4-5	Sand / pepals
6	5-6	Small cobbals / pepals
7	6-7	pepals / Sand
8	7-8	Pepels / Sand Small cobbals
9	8-9	clay / Sand / Small cobbals
Smp 10	9-10	clay / Small cobbals Light pepals Small cobbals med cobbals pepals
Smp 11	10-11	Pebals / Sand pepals / Sand odd cobbal
Smp 12	11-12	Light gravel / Sand small cobbals Large cobbal cobbals / Sand
Smp 13	12-13	Small cobbals / Sand / pepals Pepels / Sand
Smp 14	13-14	Small cobbals Pebals Sandy pepals cobbals
Smp 15	14-15	cobbals / Sand Sandy with cobbals
Smp 16	15-16	cobbals / Sand cobbals / Light gravel
Smp 17	16-17	Gravel / Sand Small cobbals / Sand
Smp 18	17-18	pepals / Sand Schist at 17.8 hole bottom
19		Water Level 11.5
20		
21		
22		
23		

Drill: Edson 300		Aircore	Driller:		Bit Dia. mm:	

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	Abundance	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Sample Submission Sheet

Waikaia Gold Ltd

Hole No: MF 43

COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals	Notes	Grade	Graphical Representation mg/cu m
C	M	F	VF	VVF	JV	LITRES	mg		METRES	Code		mg/cu m	100 200 300 400
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
					2	23	0.0		10				
					3	22	0.0		11				
					1	3.8	0.0		12				
				2	1	4.7	0.3		13			63	
				6	3	8.5	2.5		14			294	
			3	3	10	8	3.6		15			450	
				1	5	3.5	0.3		16			85	
									17				
									18				
									19				
									20				
									21				
									22				
									23				
									24				

3 to 5

2.4m

15.4 Basement

Process Methodology	Sieve & Pan		Screen, Knudsen, Pan		
Processor:			Processor:		

COMMENTS:

Panner:

DATE :

Hole No.

Fine Panner

Date

Initials

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
YL	yellow	SND	sand	mnr	minor
OR	orange	GRT	grit	occ	occasional
RE	red	GRV	gravel	sca	scattered
BL	blue	CLY	clay		
BK	black	SCH	schist		
GY	grey				
GR	green				

jv is just visible gold, not normally collected.

Codes
ts = topsoil
sf = fine silt / sand
sc = coarse sand / grit
gf = fine sandy gravel
gc = coarse pebble/cobble gravel
gb very coarse cobble/boulder gravel
bc = basement clay
bd = basement silt/sand/grit/clay
bs = basement schist

Type Heavy Minerals	
HM=heavy mineral	0 = 0%
MAO=maori stone	1 = 0 - 1%
Hem = hematite	2 = 2 - 2.5%
Mag = magnetite	3 =2.5 - 5%
Jas = Jaspilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1318353			
(Grid - NZTM)	N	4938581			

m		
0	MF 43	
1	0-1	Muddy
2	1-2	Sandy pebbels
3	2-3	Small cobbels
4	3-4	Sand / pebbels
5	4-5	Sands
6	5-6	pebbels / Small cobbels
7	6-7	pebbels Sandy
8	7-8	↓
9	8-9	
Smp 10	9-10	Clay / Sand / pebbels
Smp 11	10-11	pebbels / Clay / Sand Large cobbel
Smp 12	11-12	Small cobbels pebbels
Smp 13	12-13	Sand / pebbels
Smp 14	13-14	Small cobbels / Sand ground water pebbels / Sand
Smp 15	14-15	Small cobbels / Sandy Sand / pebbels
Smp 16	15-16	pebbels / Sand Small gravel Small cobbels Sandy
17		Small cobbels Sand / pebbels Loose Sandy ground / pebbels
18		Loose gravel Shist at 15.4m hole Botom
19		Water Level 9.1M
20		
21		
22		
23		

Drill: Edson 300 | Aircore | Driller: | Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	Abundance	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Sample Submission Sheet

Waikaia Gold Ltd

Hole No: MF 42

COLOUR COUNT C	M	F	VF	VVF	JV	VOLUME LITRES	GOLD WEIGHT mg	Field Check Gold (ticks)	DEPTH METRES	Heavy Minerals Code	Notes	Grade mg/cu m	Graphical Representation mg/cu m (100 200 300 400)
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
				3		1.5	.2		10			133	
			2		1	3.2	.2		11			62	
					2	3.6	0.0		12				
			1	4	8	7.5	1.4		13			186	
		1		2	6	10.2	2.0		14			196	538
						17.0	7.9		15			464	
			3	15	6	5.8	7.0		16			1200	3.9
									17				15.813cc
									18				
									19				
									20				
									21				
									22				
									23				
									24				

Process Methodology: Sieve & Pan

Screen, Knudsen, Pan

Processor:

Processor:

COMMENTS:

Panner:

DATE :

Hole No.

Fine Panner

Date

Initials

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
YL	yellow	SND	sand	mnr	minor
OR	orange	GRT	grit	occ	occasional
RE	red	GRV	gravel	sca	scattered
BL	blue	CLY	clay		
BK	black	SCH	schist		
GY	grey				
GR	green				

jv is just visible gold, not normally collected.

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Type	Heavy Minerals
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MAO=maori stone	1 = 0 - 1%
Hem = hematite	2 = 2 - 2.5%
Mag = magnetite	3 =2.5 - 5%
Jas = Jasplilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1318537			
(Grid - NZTM)	N	4938768			

m		
0	MT42	
1	0-1	Mud
2	1-2	Sand
3	2-3	Light pepels / Sandy
4	3-4	pepels
5	4-5	Sand
6	5-6	Small cobbels / sandy
7	6-7	cobbels / pepels
8	7-8	clay / pepels
9	8-9	cobbels
Smp 10	9-10	cobbels / pepels
Smp 11	10-11	big cobbel / pepels pepels / Small cobbels ground water
Smp 12	11-12	pepels / Sand, cobbels cobbels / Sand
Smp 13	12-13	pepels / cobbels Large cobbels / pepels
Smp 14	13-14	pepels / cobbels pepels / Sandy
Smp 15	14-15	Sandy / pepels Loose Gravel Sandy
Smp 16	15-16	Loose Ground Sandy Shist / at 15.8m hole Botom
17		Water Level 9.1 M
18		
19		
20		
21		
22		
23		

Drill: Edson 300 | Aircore | Driller: | Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	**Abundance**	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high

Sample Submission Sheet

Waikaia Gold Ltd

Hole No: MF41

COLOUR COUNT C	M	F	VF	VVF	JV	VOLUME LITRES	GOLD WEIGHT mg	Field Check Gold (ticks)	DEPTH METRES	Heavy Minerals Code	Notes	Grade mg/cu m	Graphical Representation mg/cu m (100 200 300 400)
									1				
									2				
									3				
									4				
									5				
									6				
									7				
									8				
									9				
					2	3.0	0.3		10			100	
						2.4	Nil		11			–	
					2	3.0	0.2		12			–	
					2	3.2	Nil		13			–	
			2	2	3	4.3	2.0		14			465	
				5	5	12.9	1.0		15			77.5	
	1	4	15	6	7	10.2	22.0		16			2156	
									17				
									18				
									19				
									20				
									21				
									22				
									23				
									24				

} 899 3m

Base 16

Process Methodology	Sieve & Pan		Screen, Knudsen, Pan		
Processor:			Processor:		
COMMENTS:			Panner:	Fine Panner	
			DATE :		
			Hole No.	Date	
				Initials	

Abbreviations		Lithology		Amount	
BR	brown	TSL	topsoil	abd	abundant
WH	white	SLT	silt	mod	moderate
YL	yellow	SND	sand	mnr	minor
OR	orange	GRT	grit	occ	occasional
RE	red	GRV	gravel	sca	scattered
BL	blue	CLY	clay		
BK	black	SCH	schist		
GY	grey				
GR	green				

jv is just visible gold, not normally collected.

Codes
ts = topsoil
sf = fine silt / sand
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gf = fine sandy gravel
gc = coarse pebble/cobble gravel
gb very coarse cobble/boulder gravel
bc = basement clay
bd = basement silt/sand/grit/clay
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Type	Heavy Minerals
HM=heavy mineral	0 = 0%
MAO=maori stone	1 = 0 - 1%
Hem = hematite	2 = 2 - 2.5%
Mag = magnetite	3 =2.5 - 5%
Jas = Jaspilite	4 = > 5%
Zr = zircon	
Py = pyrite	1% of 4½ litres=45ml

Location: **Waikaia**

Lithology & Drilling Notes	Hole No:		Max	Clay	Heavy
Geologist:	Date		GS mm	Est. %	Mins
Co-ordinates	E	1318523			
(Grid - NZTM)	N	4938734			

m		
0	MF41	
1	0-1	Mud
2	1-2	Sand pebbles
3	2-3	Sandy
4	3-4	Light pebbles
5	4-5	Sandy pebbles
6	5-6	Sand pebbles
7	6-7	Small cobbles
8	7-8	Sandy pebbles
9	8-9	Small cobbles / Sand Med cobbles
Smp 10	9-10	Light cobbles / pebbles / Sand
Smp 11	10-11	Cobbles / Sandy pebbles / cobbles
Smp 12	11-12	Pebbles small cobbles
Smp 13	12-13	cobbles / pebbles Sandy
Smp 14	13-14	Sand / pebbles gravel water Sand / pebbles
Smp 15	14-15	Sandy / pebbles Sandy / pebbles
Smp 16	15-16	Small cobbles / pebbles gravels / gravel Sand / Schist 16m hole Bottom
17	~~16-17~~	
18		Water Level 14.6m
19		
20		
21		
22		
23		

Drill: Edson 300 | Aircore | Driller: | Bit Dia. mm:

Lithology		Description		Colour (lt = light, dk = dark)		Colour	
TS	topsoil	b	bouldery	bk	black	rd	red
Z	silt	c	cobbly	bl	blue	wh	white
B	basement	p	pebbly	br	brown	ye	yellow
G	gravel	gr	granular	gn	green	Abundance	
Cl	clay	s	sandy	gy	grey	L	low
S	sand	z	silty	ol	olive green	M	medium
SH	schist	t	tailings	or	orange	H	high