

Location: Waikaia

MF33

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Lithology & Drilling Notes		Hole No:	Max	Clay	Heavy
Geologist:		Date	GS mm	Est. %	Mins
Co-ordinates		E			
(Grid - NZTM)		N			
Light pebbles		MF33			
Silty		1818424			
↓		4939107			
Small cobbles silty					
↓					
Stones silt					
small pebbles					
clay silt large cobbles					
small cobbles					
pebbles silty					
silty small cobbles					
small pebbles silty					
pebbles silty					
small cobbles / pebbles					
pebbles silty small cobbles					
cobbles					
cobbles / pebbles silty ground water					
large cobbles stones					
small cobbles sandy pebbles					
small cobbles					
small cobbles silty					
pebbles with small cobbles					
stones / pebbles cobbles try core on					
big cobbles					
hole bottom 17.3 m					

Smp 9-10  
Smp 10-11  
Smp 11-12  
Smp 12-13  
Smp 13-14  
Smp 14-15  
Smp 15-16  
Smp 16-17  
Smp 17-18

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	<b>Abundance</b>	
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

M

**Sample Submission Sheet**

**Waikaia Gold Ltd**

**Hole No:**

MF33

COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals	Grade	Graphical Representation
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			
							2.9 Ni		10			
							3.1 Ni		11			
		1	2				3.1 1.0		12		322 mg	
			1	2	1		3.8 0.4		13		105 mg	
			1				3.6 0.7		14		194 mg	
				3	1		3.8 0.3		15		78 mg	
			3	1	3		3.7 0.4		16		108 mg	
		2	5	1	3		7.0 2.3		17		328 mg	
		2		1	1		1.0 0.2		18	95% green schist.	2.00 mg	
									19			
									20	17.3 Basement		
									21			
									22			
									23			
									24			

322 mg  
105 mg  
194 mg  
78 mg  
108 mg  
328 mg  
2.00 mg  
} 2.1 kg  
4.3 m water

Process Methodology Sieve & Pan Screen, Knudsen, Pan

Processor: Processor:

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

Abbreviations	Lithology	Amount	Codes	Type	Heavy Minerals
BR brown	TSL topsoil	abd abundant	ts = topsoil	HM=heavy mineral	0 = 0%
WH white	SLT silt	mod moderate	sf = fine silt / sand	MAO=maori stone	1 = 0 - 1%
YL yellow	SND sand	mnr minor	sc = coarse sand / grit	Hem = hematite	2 = 2 - 2.5%
OR orange	GRT grit	occ occasional	gf = fine sandy gravel	Mag = magnetite	3 = 2.5 - 5%
RE red	GRV gravel	sca scattered	gc = coarse pebble/cobble gravel	Jas = Jaspillite	4 = > 5%
BL blue	CLY clay		gb very coarse cobble/boulder gravel	Zr = zircon	
BK black	SCH schist		bc = basement clay	Py = pyrite	1% of 4 1/2 litres=45ml
GY grey			bd = basement silt/sand/grit/clay		
GR green			bs = basement schist		

fv is just visible gold, not normally collected.

Location: Waikaia

MF32

Lithology & Drilling Notes		Hole No:	Max	Clay	Heavy
Geologist:		Date	GS mm	Est. %	Mins
Co-ordinates		E			
(Grid - NZTM)		N			
		32			
		1318384			
		4939077			
soft gravel pebbles					
gravel sand					
silty sand pebbles					
↓ ↓					
medium sized pebbles					
silty sand pebbles					
small pebbles					
silty pebbles small cobbles					
small cobbles					
pebbles silt					
small stones					
cobbles and pebbles					
light pebbles silty					
small cobbles					
small pebbles silty					
large pebbles pebbles clay/silt					
small gravel					
odd cobble					
small cobbles silty					
med - cobbles silty					
med cobbles small pebbles					
little cobbles small pebbles silty					
ground water large cobbles					
big cobbles					
big cobbles sandy					
small cobbles gravel					
cobbles silty					
hole bottom 18m					

Smp 9-10  
 Smp 10-11  
 Smp 11-12  
 Smp 12-13  
 Smp 13-14  
 Smp 14-15  
 Smp 15-16  
 Smp 16-17  
 Smp 17-18

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	
Cl clay	s sandy	gy	grey	
S sand	z silty	ol	olive green	L low
SH schist	t tailings	or	orange	M medium
				H high

4L min water      14m deep water

**Sample Submission Sheet**

**Waikaia Gold Ltd**

**Hole No:**

MF32

COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals	Notes	Grade	Graphical Representation
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				
							210.0		10				
							210.0		11				
							12.6		12				
							21.9		13				
							315.0		14			1645	
							11.8		15				
							322.0		16			625	
							540.9		17			166	
							808.0		18			1000mg	
									19				
									20				
									21				
									22				
									23				
									24				

Process Methodology Sieve & Pan Screen, Knudsen, Pan

Processor: Processor:

COMMENTS: Basement 18m  
~~597mg~~ 687mg  
~~3m wash~~ 5m Wash

Panner: Fine Panner

DATE: DATE

Hole No. Initials

Abbreviations	Lithology	Amount	Codes	Type	Heavy Minerals
BR brown	TSL topsoil	abd abundant	ts = topsoil	HM=heavy mineral	0 = 0%
WH white	SLT silt	mod moderate	sf = fine silt / sand	MAO=maori stone	1 = 0 - 1%
YL yellow	SND sand	mnr minor	sc = coarse sand / grit	Hem = hematite	2 = 2 - 2.5%
OR orange	GRT grit	occ occasional	gf = fine sandy gravel	Mag = magnetite	3 = 2.5 - 5%
RE red	GRV gravel	sca scattered	gc = coarse pebble/cobble gravel	Jas = Jaspilite	4 = > 5%
BL blue	CLY clay		gb very coarse cobble/boulder gravel	Zr = zircon	
BK black	SCH schist		bc = basement clay	Py = pyrite	1% of 4 1/2 litres=45ml
GY grey			bd = basement silt/sand/grit/clay		
GR green			bs = basement schist		

jr is just visible gold, not normally collected.

Sample Submission Sheet											Waikaia Gold Ltd		Hole No: MF31									
COLOUR COUNT						VOLUME	GOLD WEIGHT	Field Check Gold (ticks)	DEPTH	Heavy Minerals	Grade	Graphical Representation										
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													
							25 Nil		10													
			1				2.7 0.3		11													
							2.7 Nil		12													
							1.8 Nil		13													
			1				3.4 0.0		14													
							23.8 0.0		15													
			1				23.5 0.7		16			200 mg										
			3	3	12		4.4 4.5		17			1022										
			1	2	1		3.7 0.4		18			108										
									19													
									20													
									21													
									22													
									23													
									24													
Process Methodology						Sieve & Pan			Screen, Knudsen, Pan													
Processor:									Processor:													
COMMENTS:									Panner:				Fine Panner									
17.8 Basement 475 mg 2.8 m									DATE:				Date									
									Hole No.				Initials									
Abbreviations			Lithology			Amount			Codes			Type			Heavy Minerals							
BR	brown	TSL	topsoil	abd	abundant	ts	topsoil	HM	heavy mineral	0 = 0%	WH	white	SLT	silt	mod	moderate	MAO	maori stone	1 = 0 - 1%	Hem	hemalite	2 = 2 - 2.5%
YL	yellow	SND	sand	mnr	minor	sf	fine silt / sand	Mag	magnetite	3 = 2.5 - 5%	OR	orange	GRT	grit	occ	occasional	Jas	Jaspilite	4 = > 5%	Zr	zircon	
RE	red	GRV	gravel	sca	scattered	sc	coarse sand / grit	bd	basement clay	1% of 4 1/2 litres = 45ml	BL	blue	CLY	clay			Py	pyrite				
BK	black	SCH	schist			gf	fine sandy gravel	gb	very coarse cobble/boulder gravel		GY	grey										
GR	green					gc	coarse pebble/cobble gravel	bc	basement clay													
						gb	very coarse cobble/boulder gravel	bd	basement silt/sand/grit/clay													
						bc	basement clay	bs	basement schist													
						bd	basement silt/sand/grit/clay															
						bs	basement schist															

iv is just visible gold, not normally collected.

Location: Waikaia

Lithology & Drilling Notes		Hole No:	Max	Clay	Heavy
Geologist:		Date	GS mm	Est. %	Mins
Co-ordinates		E			
(Grid - NZTM)		N			
Top soil Clay Pebs		31			
Peb silt					
Peb sm Cob silt sand					
Peb (Cob sm) clay silty sandy					
Silt sand lg Peb sm Cob clay					
Brown clay silt sand Peb					
Silty sand Brown sm Peb					
Cob Peb silt					
Quartz Peb silt sand sm Cob					
Sub silty silty Rcky					
Soft flaps silty					
Light gravel silt					
Light stones silt					
Cob stones					
Light pebbles					
cobble stone silty					
Light stones silty					
Light stones silty					
Cob pebbles stones					
cobble sand					
Small cobble					
Small cobble silty					
small cobble and pebbles					
pebbles silty cobble gravel water					
Small cobble pebbles					
Light gravel					
Large cobble with pebbles sample out 200mm					
Large cobble silty sand sample out 200mm					
Soft pebbles silty					
pebbles silty 17.8 schist hole bottom					

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Smp<sub>10</sub> 9-10  
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Smp<sub>12</sub> 11-12  
Smp<sub>13</sub> 12-13  
Smp<sub>14</sub> 13-14  
Smp<sub>15</sub> 14-15  
Smp<sub>16</sub> 15-16  
Smp<sub>17</sub> 16-17  
Smp<sub>18</sub> 17-18

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

Lithology	Description	Colour (lt = light, dk = dark)		Abundance	
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		
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

ground water Level 11.8m