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PROJECT NAME: AUSTRALIAN ANGLO AMERICAN PROSPECTING PROPRIETARY LIMITED

TITLE:

SIX MONTHLY PROGRESS REPORT TO THE DEPARTMENT OF MINES, TASMANIA FOR PERIOD 29 AUGUST 1981 TO 28 FEBRUARY 1982

EXPLORATION LICENCE 22/80 - SOUTH ESK

VOLUME 1 OF 2

AREA NAME/S, STATE 1:250,000 SHEET NO/S & COORDINATES: 1:250 000 Cornwall, Fingal; SK-55-4 Launceston; 580 000mE-5 400 000mN

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PLAN NOS: See attached list

TABLE NOS: 2

APPENDICES: 2

AUTHOR/S: T K Scott

DATE: 18 March 1982

AUSTRALIAN ANGLO AMERICAN LIMITED

Incorporated in the State of Victoria

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C O N T E N T S

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L I S T O F P L A N S

Plan	Description	Scale	
		Horizontal	Vertical
TAS-9- 4	Locality	1:250 000	(IN TEXT)
TAS-9-51	Stylised Cross Section		(IN TEXT)
TAS-9-52	Geology	1:25 000	
TAS-9-53	Drill Hole Location	1:10 000	
TAS-9-54	Section - Holes SR1-SR8	1:4 000	1:200
TAS-9-55	Section - Holes SR120-SR131	1:4 000	1:200
TAS-9-56	Section - Holes SR9-SR33	1:4 000	1:200
TAS-9-57	Section - Holes SR153-SR170	1:4 000	1:200
TAS-9-58	Section - Holes SR34-SR55 & SR85-SR90	1:4 000	1:200
TAS-9-59	Section - Holes SR171-SR191 & SR218-SR221	1:4 000	1:200
TAS-9-60	Section - Holes SR62-SR84 & SR222-SR228	1:4 000	1:200
TAS-9-61	Section - Holes SR132-SR152	1:4 000	1:200
TAS-9-62	Section - Holes SR192-SR217	1:4 000	1:200
TAS-9-63	Section - Holes SR95-SR119 & SR91-SR94	1:4 000	1:200

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AUSTRALIAN ANGLO AMERICAN PROSPECTING

PROPRIETARY LIMITED

SIX MONTHLY PROGRESS REPORT TO THE

DEPARTMENT OF MINES, TASMANIA FOR PERIOD

29 AUGUST 1981 TO 28 FEBRUARY 1982

EXPLORATION LICENCE 22/80 - SOUTH ESK

1. SUMMARY

Reverse Circulation drilling at the South Esk Prospect (EL 22/80) has been done along lines approximately 800m apart with drill hole spacings of 80m. This has been restricted to the area north of Beauty Flat Road (Grid Ref 830 030). In addition geological mapping has been done.

The area of best interest appears to be in the Marshall's Flat area (Grid Ref 815 055) with a tenor of 70 mg Au/m^3 along a line some 720m long. In general, however, whilst individual samples appear to be auriferous (up to 1305 mg Au/m^3), these are extremely isolated and overall grades are low. In addition the alluvials appear to be of only shallow thickness with a maximum of 14m and averaging 6m. It is, however, proposed to check the results obtained by a more conventional method to obtain a reliable sample of the gravels.

2. INTRODUCTION

2.1. Aim of Work

The objective for the licence was to explore the South Esk River Valley for placer gold deposits (see McBride 1981 for full hypotheses).

2.2. Location of Tenement

EL 22/80 was granted to Australian Anglo American Services Limited, nominee of Australian Anglo American Searches Proprietary Limited, for a period of six (6) months to 28 February 1981. It has subsequently been renewed in whole in the name of Australian Anglo American Searches Proprietary Limited for two (2) further periods of six (6) months to 28 August 1981 and 28 February 1982.

The area encompasses 258 sq km of land in the land district of Cornwall, vicinity of Fingal.

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The area is described as commencing at the Posted Notice situated at the southwest angle of the area whose grid co-ordinates are 577 000mE, 5 390 200mN, thence grid north to 5 410 000mN, grid east to 590 000mE, grid south to 5 390 200mN, aforesaid, thence grid west to the point of commencement. Plan TAS-9-4 shows the location of the licence.

2.3. Physiography

The prospect basically comprises a west-east trending valley in the north, which, (near the Evercreech homestead), turns to run north-south for the southern part of the prospect. The low lying area can be divided into flats and terraces at an altitude of approximately 275m from which rise hills on both sides of the valley to an elevation of some 500m.

2.4. LandUse

Grazing is the land use on the valley floor, with the hillsides being planted for forestry purposes.

2.5. General Geology

The local basement comprises three main types. Mathinna Group shales and sandstone, Parmeener Super Group pebbly mudstone, sandstones, limestones and dolerite. These are overlain within the valley by alluvial gravels, sands and clays.

2.6. Previous Work

Previous work carried out in the prospect area by Australian Anglo American Searches Proprietary Limited is summarised in McBride (1981). This consisted of initial exploration drilling of forty-seven (47) holes, a photogeological interpretation and ground magnetic traverses.

2.7. Scope to the Present Work

A detailed drilling programme was carried out in October/ November 1981 using a Kitching Jetstream 100 Reverse Circulation rig, a total of 228 holes being drilled. In addition, geological mapping at a scale of 1:25 000 was undertaken.

3. GEOLOGY

A geological map is presented in plan TAS-9-52. The geology of the drill hole sections is to be found in plans TAS-9-54 to TAS-9-63.

3.1. Basement Lithologies and Distribution

These comprise three basic units in the prospect area.

3.1.1. Mathinna Group (m)

Comprises shales and sandstones, the former lithology dominating within the prospect. From drill hole evidence these vary in colour from brown, ochre or pink near the surface, to a dark grey at depth. A distinct foliation can be seen in the outcrop with an orientation of approximately 150° (measured at localities SE9, SE16, SE34 and SE38 on plan TAS-9-52).

Quartz veining is common in these beds, both aligning with and cross-cutting the dominant foliation (see Photo 1). This unit is also the host rock for gold mineralisation in the region (e.g. production in the Mathinna - Dan Rivulet area 1880-1932, see Noldart and Thereader 1965).

The unit is the most widespread lithology in the prospect area (see plan TAS-9-52) forming most of the upland areas, it was also the most common basement rock encountered in drilling operations. As well as forming uplands it can be found outcropping with a terraced surface (e.g. locality SE1), at the edge of alluvial covered terraces (e.g. locality SE23) and due to a thin veneer of alluvial cover, it can often be found outcropping in the bed of the South Esk River (e.g. locality SE16).

3.1.2. Parmeener Group (p)

This unit consists of sandstones, mudstones and fossiliferous limestones as observed at outcrops within the prospect, (though elsewhere includes tillite and coal measures). These lithologies also contain well rounded quartz pebbles especially near the basal contact as seen along the road cut at SE38.

The Parmeener Super Group is restricted in outcrop to the south and east of the prospect where it unconformably overlies the Mathinna beds. It is generally shallow dipping and thickens to the east.

3.1.3. Dolerite (do)

This is usually a hard, dark, medium to fine grained igneous rock.

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It was encountered both in outcrop and as basement in several drill holes. Mapping has found several outcrops in the Beauty Flat Road area, which may have acted as a barrier in the deposition of alluvial sediments. In addition, a large outcrop of low lying dolerite has been found in the southwest of the prospect (e.g. SE37 and SE45). Dolerite may in places be covered with a very thin veneer of alluvium/ colluvium that is thought to be continuous in its north-south extent. It is uncertain as to whether this lithology is in the form of plugs, flows, dykes or sills.

3.2. Alluvial Lithologies and Distribution

3.2.1. Lithologies

These comprise gravels, sands and clays deposited in the South Esk Valley. Though variations occur in degree of consolidation, thickness and position (see below), lithologically these are all similar.

3.2.1.1. Gravels

The gravels are usually a clayey, clast supported pebble to cobble gravel, clasts being (in order of abundance): Mathinna Group sandstones and shale, quartz, dolerite and minor granodiorite with the Mathinna Group material being the most oblate. A grain size analysis of the gravel clasts was carried out at four localities by measuring the length of the long axis of 100 clasts along about a 20m section at each locality, results of these are shown in Table 1. The gravels when seen in outcrop usually lack imbrication but often show a well developed cross bedding (see Photo 2). Gravels are the most dominant alluvial lithology observed in the prospect.

3.2.1.2. Sands

These are usually slightly clayey angular to sub-angular, medium to coarse grained sands, often with well developed lamination and cross bedding. This lithology is usually rare, though it forms the main lithology in outcrops along the South Esk River between SE23 and SE26.

3.2.1.3. Clays

Dark grey to brown medium to high tenacity clays are usually lacking in any visible structures. Found either as extensive upper horizons (grading up into soil), or as lenses within gravel beds.

3.2.2. Mode of Deposition

It is thought that the mode of deposition of the alluvial sediment is very similar to that occurring in the South Esk River today (see Photo 3), with gravels and sands being deposited in banks especially near corners where the river was fairly shallow with a moderately high energy, the clays being deposited in pools, where the river was deeper and slower moving, or over gravels at times of flood.

3.2.3. Classification

The definition of the alluvial units mapped during this work is slightly different from that used by (Gaunt 1981), in that all terraced alluvials were grouped together and differentiated from the flood plain alluvial flats. This is because:

(a) Drilling has shown that there is no difference in lithologies between the alluvials on older and younger terraces, and that, in fact, part of the unit referred to as veneer colluvium (tc) in (Gaunt 1981) is terracing developed on basement rocks, whilst elsewhere there is alluvial sediments on these terraces.

(b) In certain areas the flood plain alluvial sediments can be seen overlying and overlapping onto the edge of terraced alluvial material (e.g. SE19), also see plan TAS-9-51.

3.2.3.1. Present River Alluvium (s)

Non consolidated gravels, sands and clays of the modern river channel. These are obviously restricted in extent, the thickness being unknown but is presumed to be no more than 2 - 5m. These can be see in Photo 3.

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3.2.3.2. Modern Flood Plain Alluvials (g)

Non to poorly consolidated gravels, sands and clays. These form the flood plain into which the modern river channel is cut, as can been seen in Photo 3. The strata range in thickness from 2 - 10m (averaging 5m from drill hole data). In general we have a section of an upper 1 - 2m of clay overlying gravels with occasional basal clays. Ferrous and manganiferous staining is sometimes developed in these beds.

3.2.3.3. Terraced Alluvials (tg)

Moderately to poorly consolidated gravels, sands and clays developed on terraces above the present flood plain system. As more than one terrace system is found in the valley, these sediments are obviously not all depositionally penecontemporoneous, though collectively they serve as a useful grouping. From drill hole data and outcrop it would appear that these are the thickest of the alluvial sediments in the prospect area (up to 14m, averaging 7m), except where the subsequent drainage into the South Esk River has eroded these sediments and terraces(the remnant averaging about 4m thick) though minor more recent deposition may also have occured. They predominantly consist of gravels with occasional clay lenses. Though only rarely seen in outcrops (e.g. SE19), these sediments appear more pervasively ferrous and manganiferously stained than the previous units.

Photo 4 is situated on a large terraced area and Photo 5 shows the edge of a terrace in the background.

3.2.3.4. Conglomerate

Previous drilling (McBride 1981) intersected a conglomerate underlying the gravels in the south of the prospect. The present work has confirmed that this unit is not found north of Beauty Flat Road and cannot be located in outcrop.

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4. DRILLING

4.1. Drilling Technique

Drilling during the programme carried out during October/ November 1981 was done using a Jetstrem 100 Dual Tube Reverse Circulation scout sample rig of Kitching Drilling Consultants and Suppliers Pty Ltd. The unit was mounted on a Toyota Landcruiser (see Photo 4 and 5), the compressor having a rating of 125 cfm and drill bit diameter of 59.9mm.

4.2. Sample Processing and Analysis

Sampling was continuous, in 2m intervals, the sample being delivered into plastic bags. The samples were concentrated by Amdex laboratories at Pioneer, Tasmania using the process as detailed in Table 2, the concentrates being analysed for gold by Fire assay/AAS by the Analabs Laboratories Cooèe, Tasmania.

Measurement of the volume of the sample was not a simple process because the high clay content of the alluvials resulted in a sample with a large volume of water containing suspended clay. Fine gold could be held in the high viscosity, high specific gravity clay-water suspension, so the clay was coagulated with the addition of allum, allowed to settle and the excess clear water decanted before the sample was transported to the Amdex laboratory where the sample was deslimed under controlled conditions. The sample was placed in a large plastic rubbish bin, washed by a steady flow of water from a hose, and the thin clay-water suspension allowed to flow over the top of the bin. Table 2 shows the method used to measure the volum of the sample. The volume of the solids (i.e. sand and gravel) was measured, and the volume of the clay-water suspension was measured (before desliming) and an estimate made of the percentage of solids in the suspension. The total volume of the solids (i.e. sand, gravel and clay) was then calculated. In nearly all cases, the volume of the sample was less than the theoretical volume so that, to calculate the grade, the theoretical volume, reduced by a Radford Factor of 80%, was used.

4.3. Drill Hole Location

A total of 228 holes were drilled during the programme, along ten lines with holes spaced at 80m intervals (see plan TAS-9-53). The operation was concentrated on the area north of Beauty Flat Road to ascertain:

(a) More detailed information on the gold and alluvial distribution than obtained by the original drilling programme.

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(b) To check the theory that the basement high near Beauty Flat Road has acted as a barrier and gold accumulated immediately to the north of this area.

4.4. Results of Drilling

These are presented in plans TAS-9-54 to TAS-9-63. In general, penetration into basement was at least 4 - 6m to ensure that all material near the alluvial/ basement interface was obtained. The only exceptions were where:

(a) Basement was dolerite, due to the hardness of this material further penetration was impossible.

(b) Basement was fresh unweathered Mathinna Group rocks and again a relatively hard basement.

Penetration was also occasionally much greater than above due to the weathered nature of the Mathinna rocks. The effect of drilling into weathered basement was to pulverise the shales into a clayey material as seen at the surface. In addition, the numerous small quartz veins shattered and appeared as angular pebbles, thus the effect is a sample containing clay, shale chips and quartz fragments, i.e. the same as a clayey gravel. Thus the author usually preferred to penetrate into the unweathered zone, which was practical considering the speed of the machine used.

The results obtained will be discussed systematically in the lines drilled from north to south.

4.4.1. Line of TAS-9-54 (Holes SR1-SR8)

Comprised of modern flood plain alluvials (g) ususally with an upper clayey gravel or sand and a lower sandy gravel. There appears to be a central channel in which minor gold has accumulated (SR5 and SR6), the average tenor of these two holes being 52 mg Au/m^3 though about 70% of this being accounted for in the sample SR5 4-6m. The basement is of Mathinna Group rocks (m).

4.4.2. Line of TAS-9-55 (Holes SR120-SR131)

Again comprised of modern flood plains alluvials (g), into a Mathinna basement with upper clayey gravel or sand and a lower gravel or sandy gravel. The palaeo topography is relatively uniform and gold is only of any significance at the base samples of SR120 (69.8 mg Au/m^3, SR122 (76.3 mg Au/m^3) and SR127 (652 mg Au/m^3).

4.4.3. Line of TAS-9-53 (Holes SR9-SR33)

To the South Esk River this consists of modern flood plain alluvials (g) with an upper clayey gravel or sand and a lower sandy gravel. There is a small channel near SR10, which has a small gold accumulation at the base (27.0 mg Au/m^3), as well as some 82.6 mg Au/m^3 at the base of SR16.

To the north of the South Esk River the alluvials are part of the terraced alluvials unit (g), with a least two terrace levels being visible. In general, the sediments are thicker and become gravel dominant from SR25-SR33. There appears to be a relatively uniform distribution of gold the best area being holes SR24-SR26 with an average tenor of 18 mg Au/m^3 for these three holes. Basement is of Mathinna Group material (m).

4.4.4. Line of TAS-9-57 (Holes SR153-SR170)

In the west (SR153-SR161) are terraced gravels (tg), and probably in part alluvium and weathered basement (SR153-SR155), all of these are basically on upper clay and lower gravel lithologies with little gold accumulation. On the modern floodplains, materials (g) to the east (SR162-SR170) are mainly sandy lithologies with a minor gold accumulation in a small channel at SR163 (value 63.7 mg Au/m^3 at base of hole).

4.4.5. Line of TAS-9-58 (Holes SR34-SR55 and SR85-SR90)

Consisting of clay terraced alluvium (tg) in the west, (SR34-SR37), which becomes mainly clayey gravels on terraces nearer the centre of the valley (SR38-SR54). Gold is concentrated in the side of a channel (SR47) and in the area of (SR50-SR52). The modern floodplains of the South Esk River (SR55 and SR85-SR90) are mainly sands and gravels with moderate gold values, (up to 72 mg Au/m^3 at the base of SR90).

4.4.6. Line of TAS-9-59 (Holes SR171-SR191 and SR218-SR221)

Terraced alluvials (tg) mainly clays, sands and gravels are developed over much of the area to the west of the South Esk River (holes SR171-SR190). There is a sizeable channel cut in the vicinity of holes SR179-SR185, with minor associated gold accumulation (e.g. holes SR179-SR184 have an overall tenor of 5 mg Au/m^3).

On the modern floodplains, alluvials (holes SR191 and SR218-SR221) are mainly clayey gravels with another small channel with gold accumulation, and holes SR219 and SR220 having a combined tenor of 30 mg Au/m^3. It is of interest that in the east is a minor amount of dolerite (do) as well as Methinna Group (m) basement material.

4.4.7. Line of TAS-9-60 (SR62-SR84 and SR222-SR228)

Terracing appears both in the west of the drill-line (holes SR58-SR69) and in the east (SR80-SR84 and SR222-SR228), and with both sides consisting of predominately clayey gravels. Two large channels can be seen in the west, though no significant gold accumulation occurs. The floodplain alluvials (g) are mainly gravels with overall the highest gold values developed in the area that was tested during this programme, with holes SR71-SR74 averaging 16 mg Au/m^3 and holes SR75-SR84 averaging 70 mg Au/m^3 (this includes some sands on the first terrace in the east in holes SR80-SR84).

4.4.8. Line of TAS-9-61 (Holes SR132-SR152)

Only hole SR152 is actually drilled into the floodplain alluvials (g) the rest intersect eroded terrace clayey gravels. Only a small channel can be seen in the west and there is no significant gold accumulation.

4.4.9. Line of TAS-9-62 (Holes SR192-SR217)

Again in the west composed of terraced alluvials (tg) predominantly of clays and clayey gravels (holes SR192-SR206) and to the east floodplains alluvial (g) with generally an upper clay horizon and a lower gravel layer.

Gold is accumulated near the base in a couple of small channels (SR203-SR204 tenor 48 mg Au/m^3 and SR206-SR209, tenor 33 mg Au/m^3, with the former on a terrace and the latter on a floodplain).

4.4.10. Line of TAS-9-63 (Holes SR95-SR119 and SR91-SR94)

Developed completely on terraced or eroded terrace alluvials (tg). There is a large channel in the west though little gold accumulation associated with it, the best values coming from the base of holes over dolerite basement in the east (e.g. base of hole SR118 has a 2m sample 1305.5 mg Au/m^3.

4.5. Areas of Greatest Interest

From a rough calculation, there is approximately 240 000 000m^3 (240Mm^3) of gravel in the South Esk Valley within EL 22/80, based on an average thickness of 6m over an area of 40 sq km. North of Beauty Flat Road, in the area tested as being most prospective, there is approximately 100Mm^3 of gravel, but the Jetstream drilling shows only a small proportion of this, say 1 to 2Mm^3, carries gold and so is of potential economic interest. The gold bearing gravels are scattered in various area, further downgrading the economic potential.

With regard to the gravels containing gold, the areas of best interest are summarised below:

Line	Holes Cont. Au	Line Lgth with Au (m)	Depth Range of Gold Top(m)	Bottom(m)	Max. Au Content of 2m (mg Au/m^3)	Tenor of Block (mg Au/m^3)
TAS-9-54	4 & 5	80	6	8	302	52
TAS-9-55	120-123	160	2	6	76	20
TAS-9-56	9 & 10	80	4	6	28	8
	24-26	160	2	6	45	18
TAS-9-58	48 & 42	80	2	6	53	20
	51 & 52	80	0	6	92	50
TAS-9-59	179-184	400	2	8	25	5
	187-188	80	2	4	80	23
	219-220	80	0	8	153	30
TAS-9-60	71-74	240	2	8	56	16
	75-84	720	0	6	325	70
TAS-9-62	203-204	80	4	12	505	48
	206-209	240	0	6	177	33

Thus it would appear, so far, that the best concentration of gold is to the east of the South Esk River, on Marshall's Flat (Grid Ref 815 055) in holes SR75-SR84.

In addition to the gold in adjacent holes, some individual holes had reasonably higher gold content, generally with low to trace gold content in adjacent holes. These are listed as follows:

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Line	Hole	Gold Bearing Section			Whole Hole	
		From (m)	To (m)	Grade mg Au/m^3	Depth (m)	Grade mg Au/m^3
TAS-9-55	127	2	4	652	4	326
TAS-9-56	16	4	6	83	6	27
	20	4	6	54	6	22
	32	4	6	197	6	65
TAS-9-58	47	2	6	58	6	38
	86	0	2	22	2	22
	90	4	6	72	6	24
TAS-9-60	80	2	6	325	6	217
TAS-9-61	146	2	4	78	4	39
TAS-9-63	112	0	2	112	2	112
	118	4	6	1305	6	436
	91	6	8	35	8	18

5. CONCLUSIONS AND FUTURE WORK

It would appear that both drilling and geological mapping have greatly reduced the volume of gravel expected within the prospect. In addition, the gold content of the alluvial sediments is low. The area of greatest interest is in the Marshall's Flat region (Grid Ref 815 055).

It is proposed to check the results of the Jetstream Reverse Circulation drill holes in this area by more conventional means (probably by the Churn drill method). Additionally several holes are planned in the area of best interest to the south of Beauty Flat Road, at the north of the Outside Plain (Grid Ref 823 998), that is in the vicinity of the hole D4 in McBride (1981).

The proposed drilling is as follows:

1. Redrill ten holes, SR75-SR84 -	120m
2. Drill a pattern of four to six holes around D4 -	60m
	180m

Whether further work is warranted will depend on the results of this drilling.

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It is proposed to test the Mathinna Beds to the west and northeast of the valley for gold mineralisation by stream Heavy Mineral Concentrate and stream geochemical sampling surveys.

Bruce D. Mellor -
for T K Scott

TKS:AML

18 March 1982

E. Kenwick
approved.

TABLE 1 RESULTS OF GRAIN SIZE MEASUREMENTS OF GRAVELS IN THE SOUTH ESK PROSPECT

SITE	TOTAL SAMPLE					MATHINNA GROUP					QUARTZ					DOLERITE					GRANODIORITE				
	NO.	AV.	SD.	MAX.	MIN.	NO.	AV.	SD.	MAX.	MIN.	NO.	AV.	SD.	MAX.	MIN.	NO.	AV.	SD.	MAX.	MIN.	NO.	AV.	SD.	MAX.	MIN.
SE16	100	86.5	63.5	274	14	80	95.8	67.4	274	14	20	57.3	35.9	154	16	-	-	-	-	-	-	-	-	-	-
SE19	100	98.3	71.6	328	11	50	84.4	53.9	281	11	16	59	23.9	102	21	30	147.3	93.0	328	32	4	127.3	62.3	164	34
SE23*	100	59.5	40.7	251	16	52	59.4	43.2	251	16	24	45.4	20.5	91	19	22	80.8	46.9	185	30	2	27.5	6.2	32	23
SE27	100	75.1	36.9	239	20	57	72.8	37	239	33	19	56.3	31.9	122	20	23	90.3	32.1	215	21	1	80	-	80	80

KEY: NO. Number of clasts measured in sample

AV. Average maximum length in mm

SD. Standard Deriation $\left(\sqrt{\frac{EX^2-(EX)^2}{N-1}}\right)$ of the maximum lengths

MAX. Greatest length recorded in mm

MIN. Smallest length recorded in mm

* SE16, SE23 and SE27 are from outcrops described as unit (g) floodplain gravels (g)

SE19 is from outcrop described as unit of 'trraced gravels' (TG)

SE23 is in an area where sand is the dominant lighology in the floodplain gravels and only small lenses of sandy gravel can be found 1 - 3m long and up to 0.5m thick.

TABLE 2 CONCENTRATION PROCEDURE FOR DRILL HOLE SAMPLES

1 SAMPLE PLACED IN METAL BIN

IF SAMPLE IS

A — ALL SOLIDS (WITH MINOR DIRTY WATER

VOLUME OF SOLIDS MEASURED

SAMPLE WASHED (CONCENTRATED) THROUGH ROCKER BOX.

CONCENTRATED (APPROX. 50g)

B — SOLIDS ON BOTTOM SLURRY ON TOP

(1) VOLUME OF SOLIDS MEASURED
(2) VOLUME OF SLURRY IS FOUND BY SUBTRACTING VOLUME OF SOLIDS FROM THE TOTAL.

IT WAS ALSO NOTED IF THE SLURRY WAS EITHER
(1) WATERY (APPROX 20% SOLIDS)
(2) FAIRLY THICK (APPROX 30% SOLIDS)

SAMPLE WAS DESLIMED

SAMPLE WASHED (CONCENTRATED) THROUGH ROCKER BOX.

CONCENTRATED)APPROX 50g)

C — ALL SLURRY

VOLUME OF SLURRY MEASURED AND NOTED IF IT IS EITHER 1. FAIRLY THICK (APPROX. 30% SOLIDS). 2. THICK (APPROX 50% SOLIDS). 3. VERY THICK (APPROX. 70% SOLIDS).

SAMPLE WAS DESLIMED

SAMPLE WASHED (CONCENTRATED) THROUGH ROCKER BOX.

CONCENTRATED (APPROX 50g).

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Gaunt, F M 1981 'Photogeological Interpretation of South Esk River Valley' Appendix 1 in McBride (1981).

McBride, B 1981 'Exploration Licence 22/80 Tasmania, Six Monthly Progress Report to Department of Mines Period 28 February 1981 - 28 August 1981.

Noldart, A J and Threader, V M 1965 'Gold Deposits of Tasmania' p518-521 in 'Geology of Australian Ore Deposits Vol 1 '2nd ed. McAndrew, J (ed) Aust. IMM Melbourne, 547pp.

Photo 1 - Quartz veined Mathinna Group Shale exposed in stream bed, hammer handle pointing 150°, locality SE16, (Grid Ref 805f 075)

Photo 2 - Cross bedded Modern floodplain gravels (g), same locality as Photo 1.

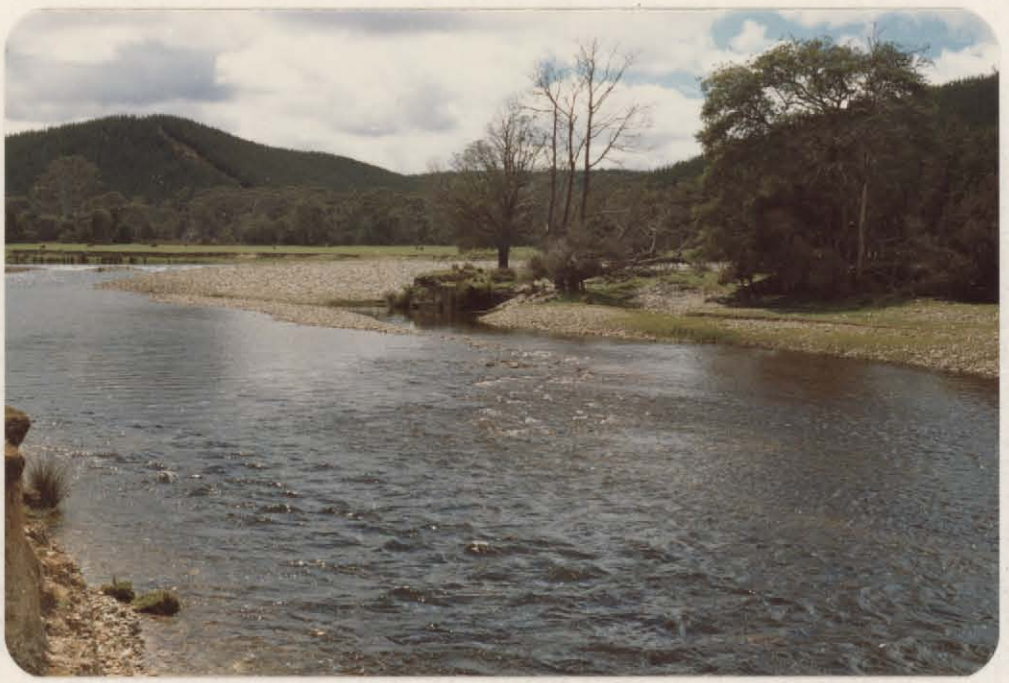

Photo 3 - South Esk River with gravels (g), locality SE19 (Grid Ref 810 066)

Photo 4 - Kitching Jetstream 100 Reverse Circulation rig looking east from drill hole SR36

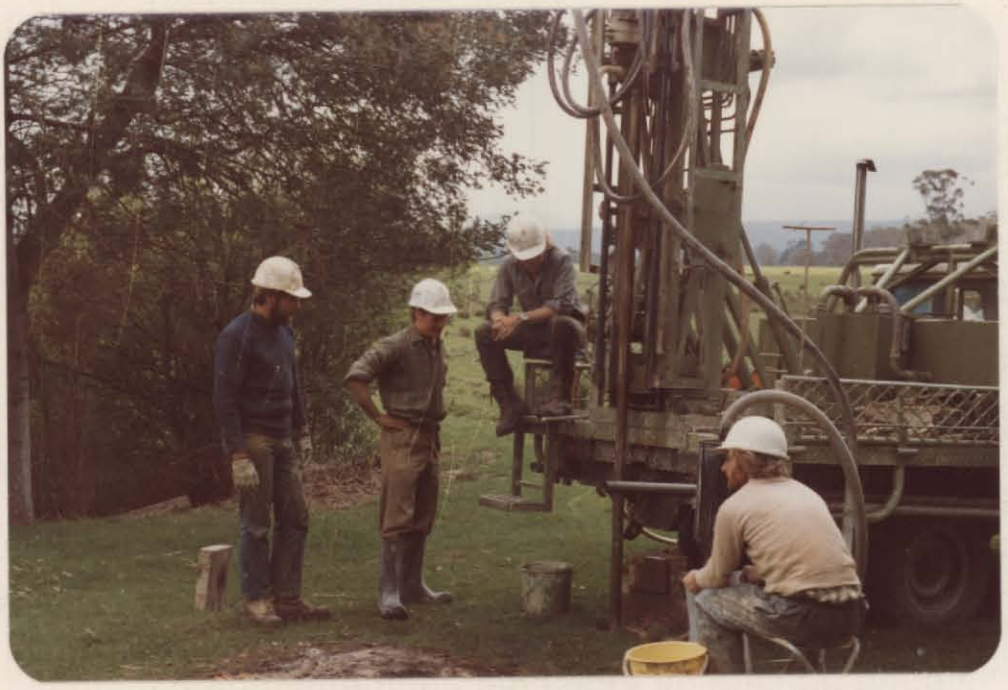

Photo 5 - Kitching Jetstream Reverse Circulation rig at drill hole SR91

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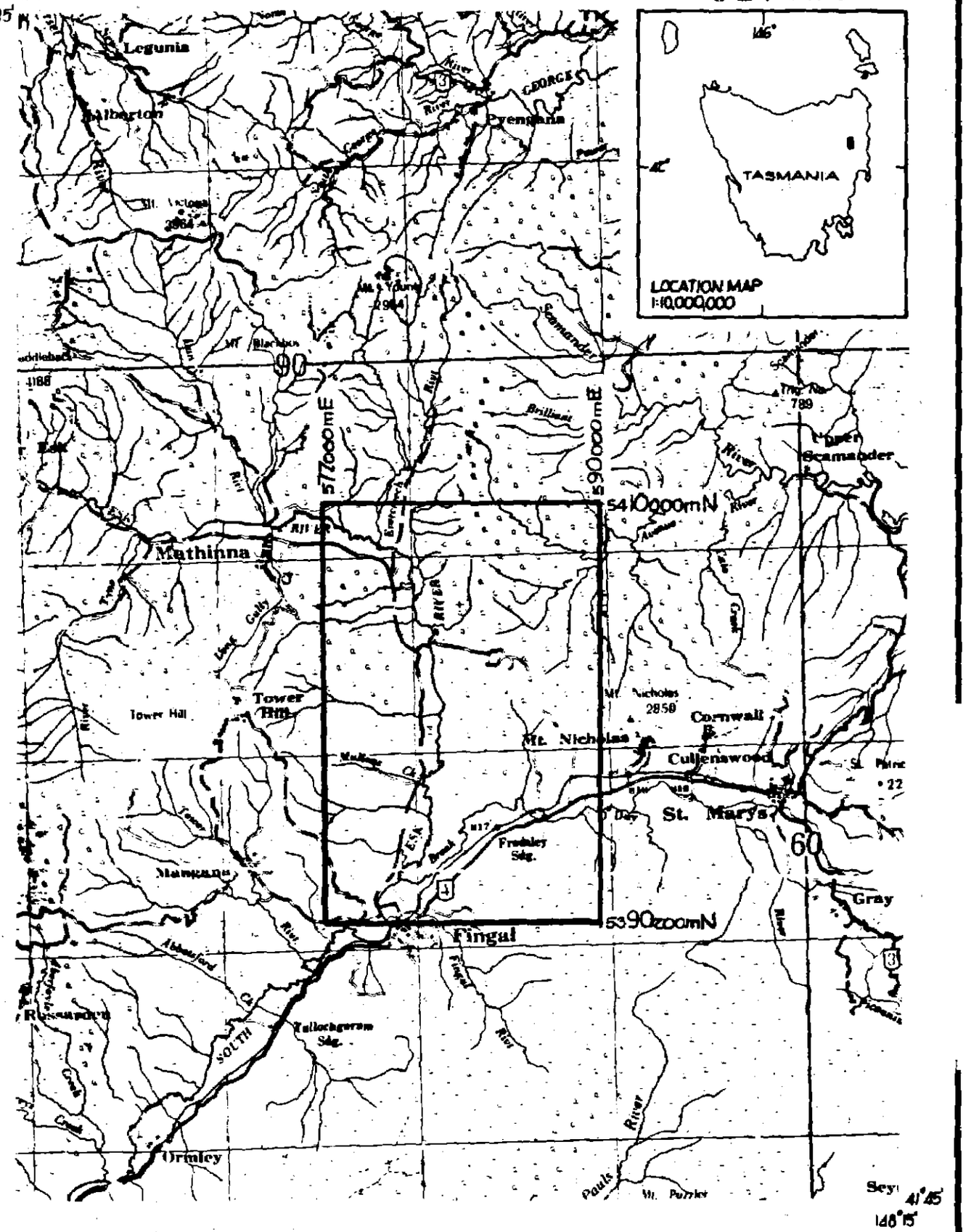

0 5 10 15Km

5 cm

AUSTRALIAN ANGLO AMERICAN LIMITED

SOUTH ESK PROJECT

EL 22/80 - TASMANIA

LOCATION MAP

COMPILED	DRAWN	SCALE	
MPE	HD 4/80	1:250,000	TAS-9-4

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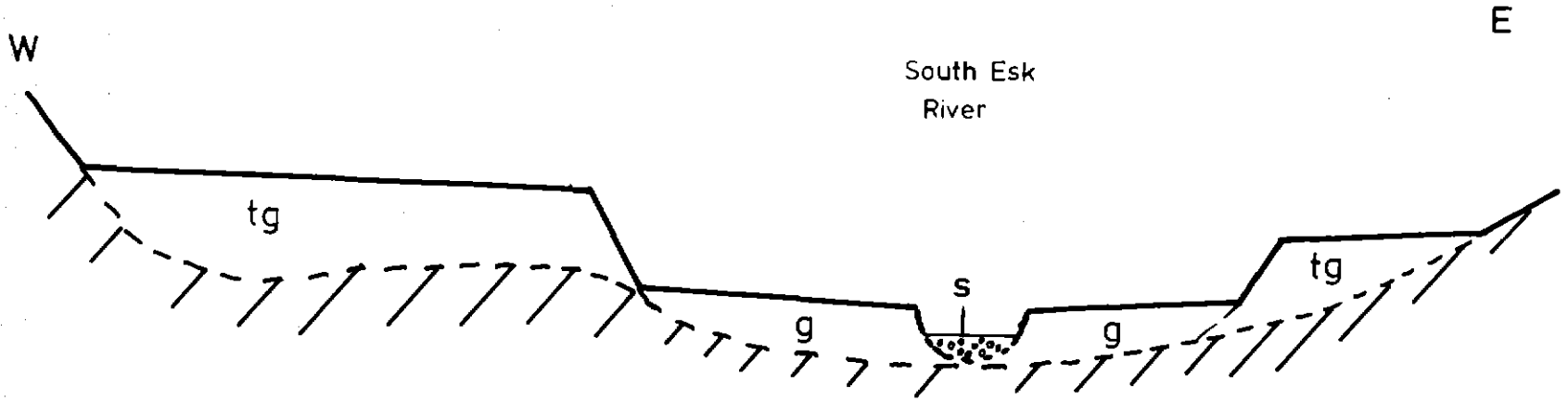

KEY:

s	Recent alluvials in modern river system
g	Alluvial sediments in modern river flats
tg	Alluvial sediments on terraces
▨	Basement rocks

5 cm

AUSTRALIAN ANGLO AMERICAN LIMITED

TAS-9-51

Sketch Cross-Section W-E Accross the South Esk Valley Between Beauty Flat Road to the South and Evercreech Farm to the North

COMPILED T K S | DRAWN 2/82 | SCALE

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D of M	A.O.	C.G.	E.O.	D.S.M.E.
				Registrar
Received / Answered	25 MAR 1982			E & IL
	DEPT. OF MINES			
REF. No.	2245/82			

PROJECT NAME: AUSTRALIAN ANGLO AMERICAN PROSPECTING PROPRIETARY LIMITED

TITLE:

SIX MONTHLY PROGRESS REPORT TO THE DEPARTMENT OF MINES, TASMANIA FOR PERIOD 29 AUGUST 1981 TO 28 FEBRUARY 1982

EXPLORATION LICENCE 22/80 - SOUTH ESK

VOLUME 2 OF 2

AREA NAME/S, STATE 1:250,000 SHEET NO/S & COORDINATES: 1:250 000 Cornwall, Fingal; SK-55-4 Launceston; 580 000mE-5 400 000mN

COMMODITY/IES: Au

TEXT PAGES NO: 13

PLAN NOS: See attached list

TABLE NOS: 2

APPENDICES: 2

AUTHOR/S: T K Scott

DATE: 18 March 1982

AUSTRALIAN ANGLO AMERICAN LIMITED

Incorporated in the State of Victoria

APPENDIX 1

Drill Hole Logs

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO...SR1.....

LOCATION STH. ESK CO-ORDINATES..... mE ..... mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE..... m R.L. BASEMENT..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.5	84.24	0.045							Grey brown clay, mod. tenaceous with minor grit fragments. Trace ilmenite		
2	4		2.0	128.58	0.008							Grey brown grit to gravel, subangular to angular clasts, sst and gritty quartz. Trace ilmenite		
4	6		½	140.14	0.006							As above, contains approx. 20% sand Trace ilmen		
6	8		1.25	143.64	0.004							Red brown clayey grit. Clasts grit-gravel size mainly subangular quartz and schist grains. Clay approx. 40%. Trace ilmenite		
8	10		1.50	74.81	x							As above. Clay content decreases. Clasts become oblate - weathered basement. Trace ilmenite		
10	12		1.75	69.56	x							As above. No trace of mineral		
12	14		2									As above. Schist grains approx. 90% sample No trace of mineral		
14	16		1.75									As above, colour changes to dark grey. No trace of mineral		
16	18		2.75									As above. No trace of mineral		
18	20		1.25									As above. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF - 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR2

LOCATION STH. ESK CO-ORDINATES 47000 mE 45160 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.5	129.80	0.002							Brown sandy gravel. Clasts subangular to
												ang lar with oblate schist grains and minor
												quartz. Trace ilmenite
2	4		1	90.79	0.205							Brown sandy gravel, subangular with quartz
												and sandstone dominant with minor schist,
												possibly silcrete material. Trace ilmenite
4	6		2.25	109.15	0.460							As above, sand content increases. Trace
												ilmenite
6	8		0.50	113.81	0.007							Dark grey clay with low tenacity (weathered
												schist?) No trace of mineral
8	10		1.5	74.70	0.010							Dark grey weathered schist-shale. Pyrite
10	12		3.0	106.36	0.010							As above. Pyrite.
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.005 g Au/m³ (GRADE 2)

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR3

LOCATION STH. ESK CO-ORDINATES 47000 mE 45240 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	79.53	x							Brown clayey gravel. Clasts mainly sandstone with minor basalt, mainly oblate subrounded to angular. Trace ilmenite
2	4		1.0	86.01	0.053							Brown coarse sand to gravel Clasts subangular include schist, sandstone and quartz. No trace of mineral
4	6		1.5	96.20	x							Yellow brown clayey grit, clasts quartz and schist, mainly subangular (weathered Mathinna?) No trace of mineral
6	8		2.0	105.58	0.598							As above. No trace of mineral
8	10		2.25	74.59	0.003							As above. No trace of mineral
10	12		1.75	77.43	0.007							As above. Schist becoming dominant and change of colour to dark grey - weathered Mathinna beds. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.003 g Au/m³ (GRADE 2)

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR4

LOCATION STH. ESK CO-ORDINATES 47000 mE 45320 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81 19

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	115.51	0.013							Brown clayey gravel. Clasts subangular-angular schist and minor sst. Clay low tenacity, approz 30%. Trace ilmenite
2	4		0.50	123.90	0.225							Brown gravel clasts, oblate and subangular schist and sandstone (sst) with grit (granule) size quartz. Also again possible siliceous material/ Trace ilmenite.
4	6		0.75	101.67	0.005							As above. Size of quartz particles increases Trace ilmenite
6	8		1.5	88.43	3.48							Brown coarse sandy gravel, with clay at about 7.5m. No trace of mineral
8	10		2	90.32	0.003							Yellow brown clayey gravel, clasts weathered schist (Mathinna beds). No trace of mineral
10	12											Grey gravel of schist particles (Mathinna beds) No trace of mineral
12	14											Red brown gravel schist particles (Mathinna beds) No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 8 m 0.019 g Au/m³ (GRADE 2)

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR5

LOCATION STH. ESK CO-ORDINATES 47000 mE 45400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.5	105.86	0.560							Brown clayey gravel. Clasts sub angular and oblate, predominantly schist with minor quartz Trace ilmenite
2	4		1.5	101.90	1.35							As above. Trace ilmenite
4	6		1.80	105.89	0.005							As above. Some minor golden mica. Trace ilmenite
6	8		3.70	115.33	11.8							Brown gravelly sand. Clasts subangular quartz and schist and sandstone. Trace ilmenite, probably speck of gold.
8	10		3.70	59.13	0.049							Dark grey clayey weathered shale. No trace of mineral
10	12		4.72									As above, texture more obvious. No trace mineral
12	14		5.25									As above No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 8 m 0.067 g Au/m³ (GRADE 2)

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR6

LOCATION STH. ESK CO-ORDINATES 47000 mE 45480 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.30	75.90	x							Grey and brown mottled clay, moderately tenaceous. Trace ilmenite		
2	4		1.50	79.26	0.035							Brown sandy gravel. Clasts subangular oblate schist and shale with angular quartz. Trace ilmenite		
4 ?	8 ?		3.37	70.34	x							Dark grey weathered clayey shale		
8?	10 ?		2.87	83.67	x							As above		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR7

LOCATION STH ESK CO-ORDINATES 47000 mE 45560 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	78.76	x							Dark grey to brown coarse sand to gravel, predominantly schist particles. No trace of mineral
2	4		1.27	124.59	x							Brown gravel with minor clay, comprise sub-angular schist to shale and angular quartz Trace ilmenite
4	6		2.10	63.42	x							Dark grey shale with minor quartz veins No trace of mineral
6	8		3.50	84.63	x							Dark grey shale. Pyrite
8	10		4.90	6 .25	x							As above. Pyrite
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

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DRILL LOG

HOLE NO. SR8

LOCATION STH. ESK CO-ORDINATES 44000 mE 45640 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	27.22	x							Dark brown fine sandy clay. Low tenacity		
												No trace of mineral		
2	4		1.10	70.63	0.007							Dark grey clayey sandy gravel. Clast oblate and angular schist with angular quartz. Trace ilmenite		
4	6		3.50	76.27	x							Light grey sandy gravel. Clast angular schist, sandstone and quartz. No trace of mineral		
6	8		3.75	57.72	x							Brown gravelly clayey coarse sand. Clasts subangular schist, sandstone & quartz. No trace of mineral		
8	10		6.50	97.42	x							Dark grey gravel schist, quartz and shale. No trace of mineral		
10	12		5.00	89,52	x							Dark gre y schist to shale. No trace of mineral		
12	14		3.85	105.32	x							As above. Pyrite.		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

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DRILL LOG

HOLE NO. SR9

LOCATION STH. ESK CO-ORDINATES 21960 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81 19..

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.60	88.53	0.328							Brown sandy gravel. Clasts angular schist
												and quartz. Trace ilmenite
2	4		1.75	122.14	x							Brown gritty gravel. Clasts oblate schist,
												sandstone with quartz. Trace ilmenite
4	6		3.60	102.39	0.504							Dark grey shale. Trace ilmenite, pyrite.
6	8		4.12	94.85	0.003							As above. Pyrite
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR10

LOCATION STH. ESK CO-ORDINATES 21600 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	100.84	x							Brown sandy gravel. Clast sugangular, Oblate shale and sandstone with minor quartz. Trace ilmenite		
2	4		1.00	117.58	0.024							As above. Trace ilmenite		
4	6		6.00	86.36	1.46							Grey green coarse sand to gravel. Clasts mainly subangular to angular quartz with minor schist. Trace ilmenite		
6	8		2.60	106.45	0.002							Dark grey weathered shale. No trace of mineral		
8	10		1.12	91.12	0.006							As above. Pyrite.		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.009 g Au/m³ (GRADE 2)

SMITH PRINT

012

817037

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 792 077 DRILL LOG

HOLE NO. SR11

LOCATION STH. ESK CO-ORDINATES E21680 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE: G-GRIT S-SAND ST-SILT Sub- T-TENACITY: H-HIGH M-MEDIUM L-LOW
0	2		0.20	48.93	0.016	Tr		Tr				Brown sandy clayey gravel. Clasts/angular to angular sandstone and quartz. Ilmenite
2	4		2.25	50.41	0.005	Tr		Tr				As above. Ilmenite
4	6		4.05	30.80	x	-		-				Brown weathered schist to shale. No trace of mineral
6	8		3.75									As above, slightly darker brown. No trace of mineral
8	10		4.50									Dark grey schist to shale. No trace of mineral
10	12		3.00									As above shale. Pyrite

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

013

817038

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 793 077

DRILL LOG

HOLE NO...SR12..

LOCATION..STH...ESK CO-ORDINATES.....21760..mE ....27550..mN LINE ..... PAGE..1.....of...1....

DRILLING METHOD..RCAB..... BIT DIAMETER59.9mm THEORETICAL VOLUME5.64 R.L. SURFACE..... m R.L. BASEMENT.....m DATE..16.12.81

DRILLER/CONTRACTOR...KITCHING SAMPLE WASHER...S...MOORE ASSAY LAB...ANALABS ASSAY METHOD..Fire/AAS GEOLOGIST..T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.50	32.74	0.196	0.006		1.4				Yellow brown clayey coarse sand to gravel. Clasts angular quartz and sandstone. Ilmenite
2	4		3.27	35.25	0.015	Tr		Tr				Brown to grey gravel. Clasts subangular schist and quartz. Trace of ilmenite
4	6		5.50	42.31	0.024	Tr		Tr				Dark grey shale. No trace of mineral
6	8		5.00									As above. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ....2.....m .....1.4.....g Au/m³ (GRADE 2)

SMITH PRINT

014

817039

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ794078 **DRILL LOG**

HOLE NO. SR13

LOCATION STH. ESK CC-ORDINATES 21840 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	42.34	x	-		-				Brpwn clayey sandy gravel. Clasts subangular to angular quartz and sandstone. No trace of mineral		
2	4		2.50	44.16	0.551	0.024		5.4				Brown clayey sand. Ilmenite		
4	6		2.50	29.50	0.009	Tr		Tr				Dark grey clay (weathered shale). No trace of mineral		
6	8		2.25									Dark grey shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 2.7 g Au/m³ (GRADE 2)

SMITH PRINT

015

817040

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 794 078 **DRILL LOG** HOLE NO. SR14

LOCATION STH. ESK CO-ORDINATES 21920 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	34.53	0.119	0.004		0.9				Brown clayey sandy gravel, Clasts subrounded to subangular, predominantly quartz. No trace of mineral
2	4		1.60	33.20	x			-				Brown gravel. Clasts subangular, predominantly schist, sandstone and minor quartz. No trace of mineral
4	6		7.00									As above. No trace of mineral
6	8											Dark grey clay (weathered shale?)
8	10											As above
10	12											Dark grey shale
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 0.9 g Au/m³ (GRADE 2)

SMITH PRINT

016

817041

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 795079

DRILL LOG

HOLE NO. SR15

LOCATION STH. ESK CO-ORDINATES 22000 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mgAu/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.45	34.27	0.016	Tr		Tr				Brown clayey sand. Clasts subangular, mainly quartz, clay. Low tenacity. Trace ilmenite		
2	4		1.95	33.02	0.024	Tr		Tr				Brown sandy clayey gravel. Clasts angular schist, sandstone, quartz and dolerite (?) No trace of mineral		
4	6		2.27	32.76	x							Dark grey shale. No trace of mineral		
6	8		5.00									As above		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

017

817042

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR16

LOCATION STH. ESK CO-ORDINATES 22080 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	128.57	x							Brown coarse sand to gravel, subangular to angular oblate schist, sandstone and angular quartz. Trace ilmenite		
2	4		1.75	90.65	x							As above. Trace ilmenite		
4	6		4.15	94.59	3.94							Brown clayey gravel, predominantly yellow brown schist. No trace of mineral		
6	8		4.90	89.59	0.006							Dark grey shale, low tenacity. Pyrite.		
8	10		4.20	87.52	x							As above. Pyrite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.027 g Au/m³ (GRADE 2)

SMITH PRINT

018

817043

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR17

LOCATION STH. ESK CO-ORDINATES 22160 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		0.70	100.05	x							Dark brown sandy and clayey grit, clasts subangular quartz with minor shale. Trace ilmenite
2	4		1.10	100.37	x							As above. Trace ilmenite
4	6		5.52	107.33	0.005							Light brown schist. No trace of minerals
6	8		5.75	93.08	x							As above. No trace of minerals
8	10		4.30									As above. No trace of minerals
10	12		6.80									Dark grey shale. Tr. pyrite
12	14		4.90									As above. Pyrite
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

019

817044

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR18

LOCATION STH. ESK CO-ORDINATES 22240 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.05	95.64	x							Dark brown clayey coarse sand particles,		
												subrounded to subangular. Trace ilmenite		
2	4		0.50	113.75	0.002							As above. Trace ilmenite		
4	6		4.45	121.78	0.042							Dark grey schist to shale. Pyrite		
6	8		4.90	87.05	0.018							As above. Pyrite		
8	10		4.72									" "		
10	12		2.62									" "		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

020

817045

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR19

LOCATION STH. ESK CO-ORDINATES 22320 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		1.25	102.99	x							Brown clayey sandy gravel. Clasts subangular to angular quartz and schist. Trace ilmenite
2	4		3.62	96.74	0.003							Brown clayey sandy gravel contains dolerite (?) clast as well as those as above. Trace ilmenite
4	6		3.80	116.67	0.269							Yellow brown clay noderately tenaceous. No trace of mineral
6	8		1.80	80.67	0.003							Dark grey clay (weathered shale?)No trace min.
8	10		2.47									Dark grey shale. Pyrite
10	12		1.50									As above. Pyrite
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.002 g Au/m³ (GRADE 2)

SMITH PRINT

021

817046

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR20

LOCATION STH. ESK CO-ORDINATES 22400 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.35	101.13	x							Yellow brown clay with minor sand. Trace ilmenite
2	4		2.50	98.30	0.550							Yellow brown clayey coarse sand to gravel, clasts subrounded to subangular quartz, schist and sandstone, schist and some sandstone being oblate. Trace ilmenite
4	6		1.25	110.63	2.22							Red brown gravel schist and quartz angular Trace ilmenite
6	8		1.35	101.53	0.008							Yellow brown clay (weathered schist?) No trace of mineral
8	10		2.55	92.28	0.358							As above. No trace of mineral
10	12		4.90									As above. No trace of mineral
12	14		3.15									Brown weathered schist with quartz veined material. Pyrite
14	16		3.82									Dark grey shale (carbonaceous in part?) Pyrite
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au Grade 2, 0-10m = 0.014 g Au/m³ GRADE 2 FROM SURFACE TO 6 m 0.022 g Au/m³ (GRADE 2)

SMITH PRINT

022

817047

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR21

LOCATION STH. ESK CO-ORDINATES 22480 mE 27550 mN LINE PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE m R.L. BASEMENT m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	125.08	0.002							Yellow brown clayey coarse sand. Clasts mainly subangular quartz with minor schist and sandstone. Trace ilmenite
2	4		2.30	89.57	x							Brown coarse sand to gravel. Clasts angular schist and quartz. Trace ilmenite
4	6		3.40	95.74	0.100							Brown clayey shale (weathered Basement?) with quartz probably from vein in situ. Trace ilmenite
6	8		2.32	105.10	x							As above. Shale texture can be clearly seen. No trace of mineral
8	10?		7.87									No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.001 g Au/m³ (GRADE 2)

SMITH PRINT

817048

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR22 PAGE 1 of 1

LOCATION STH. ESK CO-ORDINATES 22560 mE 27550 mN LINE

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE m R.L. BASEMENT m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.80	79.36	x							Red brown clay, moderately tenaceous. No trace of mineral
2	4		3.60	91.69	x							Brown coarse sand to gravel. Clasts angular sandstone and dark dolerite (?)Trace ilmenite
4	6		2.17	84.99	x							Pink clay moderately tenaceous. Trace ilmenite
6	8		2.47	38.21	x							As above.No trace of mineral
8	10		2.10	111.89	0.002							As above "
10	12		3.50	63.09	x							" "
12	14		1.87									Dark grey clay. No trace of mineral
14	16		2.55									Medium grey schist to shale "
16	18		3.00									As above "
18	20		3.82									Dark grey shale. Pyrite
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

024

817049

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR23

LOCATION STH. ESK CO-ORDINATES 22640 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21 11 1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.80	106.64	x							Brown clay, low tenacity. Trace ilmenite		
2	4		2.50	118.05	x							Brown clayey gravel, clasts subangular to angular mainly quartz. Trace ilmenite		
4	6		6.75	90.52	0.116							Dark brown clayey gravel. Clasts mainly oblate angular schist and shale. No trace of mineral		
6	8		4.00	82.80	0.003							As above with minor quartz. No trace of mineral		
8	10		4.25	80.59	0.006							As above. No trace of mineral		
10	12		1.80	112.56	0.029							Brown clayey shale. No trace of mineral		
12	14		5.12									As above. No trace of mineral		
14	16		2.20									" Pyrite		
16	18		2.92									Dark grey shale. Pyrite		
18	20											As above		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....6.....m ...0.001.....g Au/m³ (GRADE 2)

SMITH PRINT

025

817050

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR24

LOCATION SOUTH ESK CO-ORDINATES 22720 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT ..... DIAMETER .....mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER ..... ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.55	66.01	0.004							Brown sandy clay, sand medium. Trace ilmenite
2	4		4.50	81.45	2.53							Grey brown clayey coarse sand to gravel. Clasts angular quartz. Trace ilmenite
4	6		3.15	77.18	0.007							Grey brown gravel, clasts mainly angular schist and quartz. Trace ilmenite
6	8		3.75	98.89	0.015							As above . No trace ilmenite
8	10		2.60	56.18	0.004							As above "
10	12		1.80	72.19	0.025							Brown clayey shale . No trace ilmenite
12	14		4.00									Dark grey shale "
	End of hole											

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.023 g Au/m³ (GRADE 2)

SMITH PRINT

026

817051

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR25

LOCATION STH ESK CO-ORDINATES E22800 mE N27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.94 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81 19....

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH, M-MEDIUM L-LOW
0	2		1.30	72.19	0.025							Brown coarse sand to quartz and schist. Gravel clasts angular. Trace ilmenite		
2	4		3.40	83.84	2.15							Brown coarse sand. Clasts angular. Trace ilmenite		
4	6		2.70	76.92	0.007							Grey clay, moderately tenaceous becoming gravelly. Trace ilmenite		
6	8		2.62	56.88	0.018							Medium grey shale. Trace ilmenite		
8	10		5.42	71.36	x							Dark grey shale. Pyrite		
10	12											As above. Not tested, pure slate		
						E of H								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.020 g Au/m³ (GRADE 2)

SMITH PRINT

027

817052

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR26

LOCATION STH ESK CO-ORDINATES E22880 mE N27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST TK SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		.75	83.92	0.003							Brown clayey gravel Clast angular oblate schist. Trace ilmenite		
2	4		3.60	70.72	0.026							Yellow grey clay with minor sand component and low tenacity. Trace ilmenite		
4	6		3.50	74.26	2.47							Brown clayey gravel. Clasts mainly oblate Trace ilmenite		
6	8		5.57	57.25	0.013							Yellow brown clayey gravel due clasts of shale/gravel size with minor quartz. No with clasts sand to ~~trace of mineral~~		
8	10		5.60	72.61	0.018							Brown clayey shale gravel		
10	12		4.40									Brown shale. No trace of mineral		
12	14		1.72									Brown to grey shale. No trace of mineral		
14	16		5.90									Brown weathered shale. No trace of minerals		
					E	of	H							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.014 g Au/m³ (GRADE 2)

SMITH PRINT

028

817053

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR27

LOCATION STH ESK CO-ORDINATES E22960 mE N27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 52.9 mm THEORETICAL VOLUME 5.5ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81 19

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		.50	94.55	0.008							Yellow grey clay, moderate tenacity. Trace ilmenite
2	4		4.00	74.63	0.823							Yellow brown gravelly clay. Clasts angular mainly shale. Trace of ilmenite
4	6		3.75	107.88	0.005							Brown weathered shale gravel with minor quartz. No trace of mineral
6	8		6.12	77.63	x							As above
8	10		5.27	81.27	x							As above
10	12		3.12	83.60	0.003							Yellow brown sand to gravel, clasts angular quartz and shale. No trace of mineral
12	14		3.85	86.65	0.003							Yellow brown clayey sand. No trace of mineral
14	16		2.75	75.60	x							Brown shale. No trace of mineral
16	18		4.05									As above
18	20		4.6									"
20	22		3.25									"
22	24		4.8									"

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.007 g Au/m³ (GRADE 2)

SMITH PRINT

817054

AUSTRALIAN ANGLO AMERICAN LTD. — DRILL LOG

HOLE NO. SR28

LOCATION STH ESK CO-ORDINATES E23040 mE N227550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.5ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11 19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHERS S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST P.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.10	87.05	x							Red brown clayey gravel. Clasts angular shale and schist with minor quartz. No trace of mineral		
2	4		2.90	79.12	0.25ℓ							As above. Clasts includes quartz veined sandstone. Trace ilmenite		
4	6		3.80	98.31	0.013							Brown gravel clasts angular mainly schist Trace of ilmenite		
6	8		3.25	97.31	x							Brown shale. No trace of mineral		
8	10		3.25	67.09	0.007							As above		
10	12		5.12									Brown schist. No trace of mineral		
12	14		2.62									As above		
14	16		3.00									"		
16	18											Brown shale. Not washed pure slate		

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.002 g Au/m³ (GRADE 2)

SMITH PRINT

030

817055

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR29

LOCATION STH ESK CO-ORDINATES E23120 mE N27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.82

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.Scott

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	105.40	0.002							Brown clayey sandy gravel. Clasts angular mainly shale and minor quartz. Trace ilmenite		
2	4		3.20	99.72	0.003							As above. No trace of mineral		
4	6		2.00	93.24	0.003							As above "		
6	8		2.87	92.61	x							Brown coarse sand to gravel. Clasts subangular mainly shale. No trace of mineral		
8	10		3.60	92.00	x							As above with minor quartz. No trace of mineral		
10	12		4.30	93.57	0.005							As above No trace of mineral		
12	14											Brown gravel. Clast angular to subangular shale, schist and quartz		
14	16											As above		All slate not washed
16	18											"		
18	20											"		
20	22											Brown weathered shale		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RAD F = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

031

817056

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR30

LOCATION SEH ESX CO-ORDINATES E23200 mE N27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB AMDLABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.Scott

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.20	101.27	x							Brown sandy gravel. Clasts subrounded to angular quartz, shale and sandstone. Trace ilmenite		
2	4		1.40	91.38	x							As above. No trace of mineral		
4	6		3.00	118.40	x							Yellow brown clay with shale particles. No trace of mineral		
6	8		3.00	84.85	x							Brown clayey shale. No trace of mineral		
8	10		3.50	76.70	x							Brown schist and quartz (vein quartz?) No trace of mineral		
10	12		5.20									Brown and grey clayey schist. No trace of mineral		
12	14		3.00									As above "		
				End	of	hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

032

817057

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR31

LOCATION STI. ESK CO-ORDINATES E23280 mE N27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.70	125.96	x							Brown gravel. Clasts angular predominantly schist to shale No trace of mineral		
2	4		2.05	104.61	x							As above with minor quartz. Trace of ilmenite		
4	5		3.90	86.90	x							Yellow brown clay with minor gravel component moderate tenacity. No trace of mineral		
5	8		4.90	74.48	x							Yellow brown clayey coarse sand to gravel. predominantly shale (weathered basement?) No trace of mineral		
8	10		6.47	83.93	x							As above		
10	12		2.20									"		
12	14		5.05									Brown gravel. Clasts angular shale (weathered		
14	16											As above with minor quartz (vein q? basement?)		
16	18											Dark grey shale		
18	20											As above No sample		
					End	of	hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

033

817058

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR32

LOCATION STH ESK CO-ORDINATES 23360 mE 27559 mN LINE .....

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11 19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE (C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%; N-NATURE: G-GRIT S-SAND ST-SILT; T-TENACITY: H-HIGH M-MEDIUM L-LOW)
0	2		1.00	105.22	x							Brown slightly clayey coarse sand to gravel. Clasts angular sandstone, quartz and schist No trace of mineral
2	4		2.50	97.23	x							As above. No trace of mineral. Very watery
4	6		3.50	91.64	0.68							Brown clayey gravel, oblate and angular schist and shale. No trace of mineral
6	8		4.05	92.55	0.008							Brown clayey gravel comprising shale clasts (weathered basement?) No trace of mineral
8	10		2.70	98.57	0.009							As above "
10	12		2.02									" "
12	14		3.50									Brown shale "
14	16											As above All slate never washed
16	18											"
18	20											"
					End	of	hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.065 g Au/m³ (GRADE 2)

SMITH PRINT

034

817059

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR33

LOCATION STH ESK CO-ORDINATES 23440 mE 27550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.625	89.95	0.003							Brown and grey clay, medium tenacity. No trace of mineral		
2	4		5.625	75.50	x							Red brown gravel. Clasts angular sandstone siltstone and shale. Minor clay. No trace of mineral		
4	6		3.875	87.53	x							As above though only shale clasts		
6	8		3.75	114.10	x							As above		Weathered basement ?
8	10		1.50	103.0[illegible]	x							As above		
10	12		2.75									As above		
12	14		3.75											
14	16													
16	18											Brown shale		
18	20											Brown shale		
				End	of	hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

035

817060

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO SR34

LOCATION STI. ESK CO-ORDINATES 21200 mE 25000 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 52.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81 19.....

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.50	32.44	0.071							Yellow and grey clay. Moderate tenacity. No trace of mineral		
2	4		5.12	111.24	0.012							Yellow brown clayey gravel Clasts sub-angular shale		
4	6		4.75	62.05	0.020							Brown gravel clasts angular shale . Contains abundant fine clasts (weathered, fractured basement?) No trace of mineral		
6	8		3.25	55.40	0.019							As above "		
8	10		3.00	28.62	0.017							" "		
10	12		3.65									" "		
12	14		4.80									" "		
14	16											"		
16	18											"		
18	20											Dark grey shale		
20	22											Brown gravelly shale material		
22	24											"		
24	26											"		
26	28											"		
28	30											"		
30	31?											Dark grey indurated shale		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

036

817061

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO SR35

LOCATION STT. ESK CO-ORDINATES 21280 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.45	80.98	0.006							Yellow grey clay moderate tenacity. No trace of mineral		
2	4		5.45	82.68	0.006							Yellow brown clayey coarse sand to gravel. Clast subangular shale (weathered basement?) No trace of mineral		
4	6		4.27	54.30	0.009							As above "		
6	8		1.95	70.49	0.011							" "		
8	10		1.55									" "		
10	12		1.57									Dark grey shale		
12	14											As above		
14	16											"		
16	18											"		
18	20											"		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

037

817062

AUSTRALIAN ANGLO AMERICAN LTD. — DRILL LOG

HOLE NO. SB36 | PAGE 1 of 1

LOCATION STH ESK | CO-ORDINATES 21360 mE 25900 mN | LINE .....

DRILLING METHOD RCAB | BIT DIAMETER 59.9 mm | THEORETICAL VOLUME 5.64 ℓ | R.L. SURFACE ..... m | R.L. BASEMENT ..... m | DATE 14.11.81

DRILLER/CONTRACTOR KITCHING | SAMPLE WASHER S. MOORE | ASSAY LAB ANALABS | ASSAY METHOD Fire/AAS | GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% — N-NATURE: G-GRIT S-SAND ST-SILT — T-TENACITY: H-HIGH M-MEDIUM L-LOW
0	2		4.00	87.79	x							Yellow grey clay, moderate tenacity Trace of ilmenite thick
2	4		5.75	82.37	0.017							As above "
4	6		1.65	96.09	0.005							Yellow brown clayey gravel of shale material (weathered basement?) No trace of mineral
6	8		1.50	65.07	0.012							As above, no trace of mineral
8	10		4.70									" "
10	12											" "
12	12											Dark brown shale. Shows good cleavage
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

038

817063

AUSTRALIAN ANGLO AMERICAN LTD. — DRILL LOG

HOLE NO. SR37 | PAGE 1 of 1

LOCATION 3TH ESK | CO-ORDINATES 21440 mE 25900 mN | LINE .....

DRILLING METHOD RCAB | BIT DIAMETER 59.9 mm | THEORETICAL VOLUME 5.64 ℓ | R.L. SURFACE ..... m | R.L. BASEMENT ..... m | DATE 14.11.81

DRILLER/CONTRACTOR KITCHING | SAMPLE WASHER S. MOORE | ASSAY LAB ANALABS | ASSAY METHOD Fire/AAS | GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% — N-NATURE: G-GRIT S-SAND ST-SILT — T-TENACITY: H-HIGH M-MEDIUM L-LOW
0	2		3.85	79.79	x							Yellow and grey clay, moderate tenacity. Trace ilmenite
2	4		4.45	74.54	0.007							Yellow clay. No trace of mineral
4	6		3.00	75.18	x							Yellow clayey gravel. Clasts shale (weathered basement?) No trace of mineral
6	8		3.95									As above, no trace of mineral
8	10		1.50									" "
10	12											"
12	14											"
14	16											Dark grey shale
				End	of	hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817064

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR38

LOCATION STH ESK CO-ORDINATES 21520 mE 25300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAs GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.40	82.08	0.003							Grey clay moderate tenacity No trace of mineral		
2	4		2.80	49.15	x							Yellow to cream clay, moderate tenacity. Trace ilmenite		
4	5		2.50	57.98	x							As above. No trace of mineral		
5	8		3.00	84.96	x							Yellow brown clayey weathered shale (weathered basement?) No trace of mineral		
8	10		4.00	88.37	0.003							As above "		
10	12											As above		
12	14											As above, with white (vein?) quartz		
14	16											As above		
16	18											As above		
					End	of	hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

040

817065

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR39

LOCATION STH ESK CO-ORDINATES 21600 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.35	88.55	0.050							Ochre clayey gravel. Clasts (angular, mainly quartz. No trace of mineral		
2	4		3.12	75.65	0.003							Red brown clay, moderately tenaceous. No trace of mineral		
4	6		3.00	93.79	0.003							Brown shale material. Clasts angu ar (weathered basement?) No trace of mineral		
6	8		4.02	92.90	0.003							As above No trace of mineral		
8	10		5.40									As above No trace of mineral		
10	12											Brown "gravel" clasts angular shale and quartz (vein quartz?) weathered Basement?		
12	14											As above		
14	16											As above		
16	18											As above		
18	20											Dark grey shale (basement?)		
20	22											Dark grey clay (weathered basement?)		
22	24											Dark grey shale (basement?)		
24	26											As above		
26	28											As above (includes quartz pebble, cave in?)		
28	30											As above		
30	32											As above		
						End	of	hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

041

817066

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR40

LOCATION STH ESK CO-ORDINATES 21680 mE 25200 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.00	95.81	0.005							Yellow brown clay, High tenacity. No trace of mineral		
2	4		1.95	116.99	0.450							Red brown clay Trace ilmenite		
4	6		2.90	94.22	0.003							Brown clayey gravel. Clasts angular quartz sandstone and shale. Trace ilmenite		
6	8		4.25	100.33	0.005							As above, trace ilmenite		
8	10		3.12	92.13	0.008							Brown to grey shale (basement?) No trace mineral		
10	12		3.37									As above "		
12	14		3.50									" "		
14	16											"		
16	18											"		
18	20											Dark grey shale		
20	22											"		
				End	of	hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RAD F = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ... g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.006 g Au/m³ (GRADE 2)

SMITH PRINT

042

817067

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR41

LOCATION STH DESK CO-ORDINATES 21760 mE 25902 mN LINE ..... PAGE 1 of 2

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11 19.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST P.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.75	91.32	x							Yellow and grey gravelly clay. Clasts sub-angular mainly quartz. Clay is of high tenacity. Trace ilmenite
2	4		2.70	75.59	x							As above. No trace of mineral
4	6		2.50	88.82	x							Brown clayey gravel. Clasts angular quartz and shale and siltstone. No trace mineral
6	8		2.62	79.30	x							Yellow brown clay. Medium tenacity. No trace mineral
8	10		2.70									Red brown clayey gravel. Clast siltstone. Clay medium tenacity. No trace mineral
10	12		2.70									As above. No trace mineral
12	14		2.25									"
14	16											"
16	18											"
18	20											Yellow brown clay
20	22											"
22	24											Brown clayey gravel of siltstone clasts (weathered basement)?
24	26											As above
26	28											"
28	30											"
30	32											", contains (vein?) quartz
32	34											"

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

043

817068

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR4.1

LOCATION STH ESK CO-ORDINATES 21750 mE 25900 mN LINE ..... PAGE 2 of 2

DRILLING METHOD..... BIT DIAMETER.....mm THEORETICAL VOLUME .....ℓ R.L. SURFACE..... m R.L. BASEMENT.....m DATE..... 19.....

DRILLER/CONTRACTOR..... SAMPLE WASHER..... ASSAY LAB..... ASSAY METHOD..... GEOLOGIST.....

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
34	36											As above		
36	38											"		
38	40											"		
40	42											"		
42	44											"		
44	46											"		
46	48											Dark grey shale		
48	50											"		
				End	of	hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

044

817069

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR42

LOCATION SETH. ESK CO-ORDINATES 21920 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 52.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.1.81 19....

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. SCORE ASSAY LAB. AMDLABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2			113.12	0.004							Yellow brown clayey gravel. Clasts subangular to angular mainly quartz and sandstone. Trace ilmenite		
2	4		5.07	107.59	1.85							Red brown clay. Moderate (medium) tenacity Trace ilmenite		
4	6		4.80	107.47	x							Red brown clayey gravel. Clasts angular quartz and shale, and sandstone. Trace ilmenite		
6	8		2.40	93.27	0.003							As above. No trace of mineral		
8	10		2.70	109.11	x							Brown shale-siltstone gravel (weathered basement?)		
10	12		3.25									Dark grey shale		
12	14		3.47									As above		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.023 g Au/m³ (GRADE 2)

SMITH PRINT

045

817070

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR43

LOCATION STEL ESK CO-ORDINATES 22000 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RC.R BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6l R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.1.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (l)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		.40	94.25	x							Grey brown slightly clayey coarse sand. Clasts angular quartz, sandstone and shale. No trace of mineral		
2	4		5.50	109.9	x							Red brown and grey clay, occasionally sandy medium tenacity. Trace ilmenite		
4	5		3.80	92.14	2.61							Red brown gravelly clay. Clasts angular quartz, clay moderate tenacity. Trace ilmenite		
5	8		4.25	105.7	0.005							Brown and grey shale. No trace of mineral		
8	10		3.50	105.3	0.003							As above. "		
10	12		3.75									As above "		
12	4		3.00									As above "		
				End	of	hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... l

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.017 g Au/m³ (GRADE 2)

SMITH PRINT

046

817071

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR44

LOCATION STH. ESK CO-ORDINATES 22080 mE 25000 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RAB BIT DIAMETER 52.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. CORE ASSAY LAB AMDEL ASSAY METHOD Fire/AAS GEOLOGIST E.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.80	56.77	x							Yellow-ochre gravelly clay, clasts angular quartz No trace of mineral		
2	4		4.90	64.74	0.835							Red clayey gravel, clasts angular quartz and sandstone. Ilmenite		
4	6		3.50	53.62	x							As above. Ilmenite		
6	8		5.62	57.62	0.053							Brown shale (weathered basement?) Trace ilmenite		
8	10		4.00	56.37	x							As above. No trace of mineral		
10	12		5.25	69.78	0.037							Dark grey shale. Pyrite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.006 g Au/m³ (GRADE 2)

SMITH PRINT

817072

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR45

LOCATION STH ESK CO-ORDINATES 22160 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 53.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 20.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST P.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.27	67.81	x							Orange clay with rare quartz gravel clasts.
												Clay medium tenacity. Trace ilmenite
2	4		2.55	52.66	x							Red brown gravelly clay. Clasts sub angular
												to angular quartz, sandstone, clay medium.
												Ilmenite
4	6		3.45	74.22	x							Brown clayey coarse sand to gravel clasts
												subrounded to angular quartz with minor
												dark sandstone and shale. Ilmenite
6	8		1.20	13.14	x							Brown clayey gravel clasts angular quartz
												and shale. Clay low tenacity. Trace ilmenite
8	10		6.50	65.99	0.811							Brown shale (weathered basement) No trace of
												mineral
10	12		3.87									Dark grey shale. No trace of mineral
12	14		4.62									As above "
				End	of	hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 10 m 0.002 g Au/m³ (GRADE 2)

SMITH PRINT

048

817073

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR46

LOCATION SEH. ESK CO-ORDINATES 22240 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 50.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 30.11.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.15	92.10	x							Yellow and red brown gravelly clay, clasts angular mainly quartz. Clay Low to medium tenacity. Trace ilmenite
2	4		3.50	102.7	0.005							As above. Ilmenite
4	6		3.00	72.08	x							As above No trace of mineral
6	8		3.20	81.92	x							Yellow brown sandy clay sand coarse grained clay low medium tenacity. No trace of mineral
8	10		4.50	68.49	x							Yellow brown clay, medium tenacity. No trace of mineral
10	12		3.12									As above No trace of mineral
12	14		2.25									As above No trace of mineral
14	16											Yellow and grey gravelly clay. Clay low tenacity. Clast mainly subangular shale (weathered basement)
16	18											As above
18	20											Dark grey shale
20	22											
22	24											As above, with quartz (vein?) fragments
24	26				End	of	Hole					As above

GPADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

049

817074

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR 47

LOCATION STH ESK CO-ORDINATES 22320 mE 25000 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 52.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 20.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB AMDLABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.50	84.84	x							Grey and ochre clay. Medium tenacity. Trace Ilmenite
2	4		3.50	103.0	0.783							Yellow and cream clayey gravel. Clasts predominantly quartz gravel. Ilmenite.
4	6		3.40	21.41	4.80							As above. Ilmenite
6	8		4.0	88.78	x							Yellow and grey clay, medium tenacity. Ilmenite
8	10		3.7	71.40	x							Yellow brown clayey gravel, clasts brown shale with minor quartz (weathered basement) Trace ilmenite
10	12		3.30									Brown clayey gravel Clasts all shale (weathered basement) No trace of minerals
12	14		2.11									As above "
14	16		2.00									Grey shale "
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.038 g Au/m³ (GRADE 2)

SMITH PRINT

J50

817075

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR46

LOCATION STH. ESK CO-ORDINATES 22400 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 50.9 mm THEORETICAL VOLUME 5.67 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 20.1 19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.80	90.10	0.165							Yellow brown clayey gravel, clasts angular quarts and minor sand to siltstone. Clay medium tenacity. Ilmenite		
2	4		1.85	72.25	0.004							Brown clayey gravel. Clasts angular quarts and minor sand to siltstone. Ilmenite		
4	6		3.00	90.04	0.055							Ochre and grey clay, medium tenacity. Ilmenite		
6	8		3.80	90.06	0.008							Dark grey chale. No trace of mineral		
				End	of	hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 0.003 g Au/m³ (GRADE 2)

SMITH PRINT

051

817076

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. NR49

LOCATION NEILSEN CO-ORDINATES 22400 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 20.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.70	75.77	x							Grey and white clayey gravel. Clasts angular quartz with minor siltstone. Trace ilmenite		
2	4		3.40	92.36	0.011							Yellow and grey clay with minor gravel. Clay medium tenacity. No trace of mineral		
4	6		5.50	71.39	0.007							Brown gravel of quartz and mixed shale. No trace of mineral		
6	8		1.30	119.44	x							Brown gravelly shale (weathered basement?) No trace of mineral		
8	10		2.02									As above . No trace of mineral		
10	12		7.00									As above "		
12	14		2.02									Dark grey shale "		
					End	of	hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

052

817077

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR50

LOCATION SML. ESK CO-ORDINATES 22510 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 99.2 mm THEORETICAL VOLUME 5.5 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 29.11 19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST P.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.05	83.82	x							Yellow brown clayey gravel. Clasts angular quartz. Clay medium tenacity . Ilmenite		
2	4		2.20	89.06	0.011							As above. Ilmenite		
4	6		3.70	58.16	0.009							As above. Ilmenite		
6	8		2.25	15.54	x							Brown coarse sand to gravel, clasts predominantly quartz with minor shale subrounded to subangular. Trace ilmenite		
8	10		5.85	54.47	3.88							As above. Pyrite		
10	12		4.50									As above. Pyrite		
12	14		4.20									Dark grey indurated shale. Pyrite		
					End	of	hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 10 m 0.009 g Au/m³ (GRADE 2)

SMITH PRINT

053

817078

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR51

LOCATION STH. ESK CO-ORDINATES. 22640 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 20.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.20	77.6[illegible]	x							Brown clayey gravel. Clasts angular quartz, rounded to angular schist and siltstone. Trace ilmenite		
2	4		2.10	109.93	0.005							As above. Trace ilmenite		
4	6		3.25	75.34	5.53							Brown clayey siltstone gravel (weathered basement?). No trace of mineral		
6	8		5.60	56.78	0.093							As above. No trace of mineral		
8	10		2.50	69.41	0.007							As above. No trace of mineral		
10	12		2.55									As above, contains (vein?) quartz particles No trace of mineral		
12	14		2.55									Dark grey shale. Pyrite		
14	16		5.12									As above Pyrite		
16	18		4.65									As above Pyrite		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....6.....m .....0.03/.....g Au/m³ (GRADE 2)

SMITH PRINT

054

817079

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR52

LOCATION STH. ESK CO-ORDINATES 22720 mE 25900 mN LINE .....

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 52.9 mm THEORETICAL VOLUME 5.54 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 20.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.75	111.1	0.507							Ochre sandy clay, medium to low tenacity. Clasts angular mainly quartz. Trace ilmenite
2	4		3.50	89.87	7.37							Yellow clayey coarse sand to gravel. Clasts angular quartz, rounded to subangular schist and sandstone. Trace ilmenite
4	6		1.35	120.67	0.230							Ochre gravelly clay, high tenacity. Trace ilmenite
6	8		0.60	113.85	0.017							As above. No trace of mineral
8	10		4.00	72.53	0.007							Ochre clayey gravel. Clasts quartz and shale (angular) No trace of mineral
10	12		3.75	116.2	x							Medium grey shale. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.080 g Au/m³ (GRADE 2)

SMITH PRINT

055

817080

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR53

LOCATION STH. ESK CO-ORDINATES 22800 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 3.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	95.36	0.003							Red brown clay, medium tenacity. Trace ilmenite		
2	4		3.85	64.37	0.028							Yellow brown clayey gravel. Clasts angular quartz and subrounded to subangular sandstone siltstone and shale. Ilmenite		
4	6		3.50	60.11	x							As above. Ilmenite		
6	8		1.95	85.06	x							As above Ilmenite		
8	10		6.85	95.38	0.003							Ochre clayey coarse sand, medium tenacity, clasts. No trace of mineral		
10	12		4.90	91.59	x							Ochre and grey clay (pulverised weathered basement?) Pyrite		
12	14		3.25									Dark grey clay (pulverised weathered basement?) Pyrite		
14	16											As above		
16	18											As above		
18	20											As above, includes shale particles		
20	22											As above		
22	24											Dark grey shale		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

056

817081

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR54

LOCATION STH. ESK CO-ORDINATES 22960 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		0.90	116.62	0.007							Red brown sandy clay, clay medium tenacity
												No trace of mineral
2	4		Sample missing									Yellow clayey sand to gravel. Clasts
												subangular tp angular quartz, subrounded to
												subangular sandstone and siltstone, and
												granodiorite
4	6		3.72	99.23	x							As above. Ilmenite
6	8		1.80	90.72	x							As above. Ilmenite
8	10		2.02	75.81	0.625							Red brown gravel, siltstone clasts appear at
												8.5m (basement?). Ilmenite
10	12		5.55	107.92	x							Red brown siltstone. Trace ilmenite
12	14		5.75									Dark grey shale-siltstone. Pyrite
14	16											As above
16	18											As above
18	20											As above
20	22											As above
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 10 m 0.002 g Au/m³ (GRADE 2)

SMITH PRINT

057

817082

AUSTRALIAN ANGLO AMERICAN LTD. DRILL LOG

HOLE NO. SR55

LOCATION STH. ESK CO-ORDINATES 23040 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.70	63.50	x							Brown clayey gravel, angular quartz and sub-		
												rounded to subangular sandstone. Trace		
												ilmenite		
2	4		0.90	82.83	x							Brown coarse sand to gravel. Clasts angular		
												quartz and subrounded to subangular sandstone		
												No trace of mineral		
4	6		5.60	68.93	x							Yellow brown clayey gravel, clasts as above		
												No trace of mineral		
6	8		7.00	74.25	0.003							Dark grey clay (weathered basement?) No		
												trace of mineral		
8	10											As above		
10	12											Dark grey shale		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

058

817083

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO SR56
PAGE 1 of 1

LOCATION STH. ESK CO-ORDINATES 21520 mE 24600 mN LINE .....

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.12	146.13	0.049							Ochre clay, medium tenacity. No trace of mineral		
2	4		4.55	137.36	0.074							Yellow, red and white clay, with minor gravel clasts mainly quartz, medium tenacity clay. No trace of mineral		
4	6		7.35	123.27	0.002							Red and white clay with minor gravel. No trace of mineral		
6	8		4.90	115.82	x							As above. No trace of mineral		
8	10		5.00	105.76	0.007							Red brown clayey gravel. Clasts quartz and siltstone. No trace of mineral		
10	12		6.30	85.10	0.003							Grey shale (pulverisde weathered basement?) No trace of mineral		
12	14		7.00	96.72	0.013							As above. Pyrite		
14	16													
16	18											As above		
18	20													
20	22													
22	24													
24	26													
26	28											Dark grey shale		
28	30											As above		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

059

817084

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR57

LOCATION STH. ESK CO-ORDINATES 21440 mE 24650 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.25	56.58	x							Ochre clay, medium tenacity. No trace of mineral		
2	4		3.75	65.58	0.004							Ochre clayey gravel clasts angular quartz and subrounded to angular sandstone. No trace of mineral		
4	6		3.50	78.63	0.003							As above. Trace of ilmenite		
6	8		5.60	95.71	0.016							Yellow brown clay, medium tenacity No trace of mineral		
8	10		6.47	105.20	0.005							Ochre clay (weathered pulverised basement ?) No trace of mineral		
10	12		1.95	116.53	x							As above. No trace of mineral		
12	14		2.75									As above		
14	16		3.75									Yellow brown clayey (pulverised) siltstone-shale. No trace of mineral		
16	18		4.75									As above		
18	20		4.00									As above		
20	22		4.75									As above		
22	24		5.00											
24	26		4.75											
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

060

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR58

LOCATION STH. ESK CO-ORDINATES 21360 mE 24700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.55	61.85	x							Ochre gritty clay, medium tenacity. No trace of mineral
2	4		5.95	42.13	x							Red brown gritty clay, medium tenacity . No trace of mineral
4	6		5.95	81.04	x							As above. No trace of mineral
6	8		5.42	79.67	x							" "
8	10		4.25	83.84	0.269							" "
10	12		5.60	60.97	0.008							" "
12	14		6.30	68.88	0.026							Yellow brown clayey shale (basement) "
14	16		7.00	76.84	0.013							Yellow grey clay (pulverised b sement?). No trace of mineral
16	18		5.77									As above. No trace of mineral
18	20		4.62									" "
20	22		6.12									Dark grey shale No trace of mineral
22	24		6.12									As above "
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 1.0 m 0.001 g Au/m³ (GRADE 2)

SMITH PRINT

061

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AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR59

LOCATION STH. ESK CO-ORDINATES 21280 mE 24750 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 l R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER SMOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (l)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.27	117.06	0.002							Ochre clay, slightly sandy, low tenacity
												No trace of mineral
2	4		6.30	100.35	0.005							Red brown gravelly clay, low tenacity. No
												trace of mineral
4	6		3.75	104.35	0.005							As above, red siltstone coming in at 5m
												No trace of mineral
6	8		4.12	80.93	0.005							Red brown siltstone to shale (basement?)
8	10		7.12	89.69	x							As above No trace of mineral
10	12		6.87	96.87	0.003							" "
12	14		4.75									" "
14	16		4.12									" "
16	18		2.17									" "
18	20											Dark grey shale siltstone
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... l

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

062

817087

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR60

LOCATION STH. ESK CO-ORDINATES 21200 mE 24800 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.80	136.44	0.002							Yellow to ochre gravelly clay. Clay medium tenacity. Clasts quartz, mainly angular No trace of mineral		
2	4		2.40	110.04	0002							As above. No trace of mineral		
4	6		6.52	87.79	0.006							" "		
6	8		4.37	98.79	x							Brown clayey shale (weathered basement?) No trace of mineral		
8	10		4.00	98.71	0.005							As above. No trace of mineral		
10	12		3.00									" "		
12	14		5.00									" "		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

063

817088

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR61

LOCATION STH. ESK CO-ORDINATES 21120 mE 24850 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.90	130.18	x							Ochre slightly sandy clay, medium tenacity		
												No trace of mineral		
2	4		4.00	77.69	0.004							Yellow brown clayey gravel of mainly shale		
												(weathered basement) No trace of mineral		
4	6		4.55	111.58	0.002							As above No trace of mineral		
6	8		4.12	103.56	0.005							As above No trace of mineral		
8	10		3.85									As above No trace of mineral		
					End	of	hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

064

817089

DRILL LOG

AUSTRALIAN ANGLO AMERICAN LTD.

HOLE NO. SR62

LOCATION STH ESK CO-ORDINATES 21040 mE 24900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.1.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		2.50	65.10	0.020							Yellow brown clayey gravel. Clasts angular quartz, minor siltstone. No trace of mineral
2	4		6.65	140.00	0.004							Yellow brown shale weathered basement. No trace of mineral
4	6		6.30	91.91	0.006							As above. No trace of mineral
6	8		4.00									As above. No trace of mineral
8	10		5.95									As above. No trace of mineral
					End	of	Hole					

C-CLASS
S-SAND-75-100% SC-SANDY CLAY-25-49%
CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT, S-SAND, ST-SILT

T-TENACITY: H-HIGH, M-MEDIUM, L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

065

817090

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR63

LOCATION STH. ESK CO-ORDINATES 21600 mE 24500 mN LINE ..... PAGE .....of.....

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE ..... 19.....

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST .....

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.25	106.69	x							Yellow brown clayey gravel. Clasts quartz and shale. Clay low tenacity. No trace of mineral		
2	4		2.45	103.55	0.005							Yellow brown shale weathered basement. No trace of mineral		
4	6		1.20	72.09	0.007							As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

066

817091

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR64

LOCATION STH. ESK CO-ORDINATES 21680 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR Kitching SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		2.80	77.41	0.003							Ochre clayey gravel Clasts angular quartz, sandstone, siltstone and shale. Clay low tenacity. Trace ilmenite
2	4		4.60	80.39	0.853							As above. No trace of mineral
4	6		3.00	94.70	0.011							As above No trace of mineral
6	8		4.60	61.42	0.004							Brown gravel. Clasts angular quartz. No trace of mineral
8	10		3.00									As above. No trace of mineral
10	12		1.87									Brown shale weathered basement. No trace of mineral
12	14		2.32									As above. No trace of mineral
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.007 g Au/m³ (GRADE 2)

SMITH PRINT

067

817092

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR65

LOCATION STH. ESK CO-ORDINATES 21760 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		1.87	78.72	0.006							Yellow brown gravelly clay. Clay medium tenacity. Clasts angular quartz with minor sandstone. No trace of mineral
2	4		3.75	103.52	0.008							As above. No trace of mineral
4	6		2.40	91.65	0.005							Pink clayey gravel. Clasts quartz and shale, mainly angular. No trace of mineral
6	8		4.25	91.90	0.011							Yellow to red clay. Medium to low tenacity No trace of mineral
8	10		4.00	73.70	0.007							Red brown clayey gravel, clasts siltstone (weathered basement?) No trace of mineral
10	12		2.70	108.43	0.005							As above "
12	14		4.50									" "
14	16		5.25									" "
16	18		2.55									Yellow brown shale "
18	20		4.00									" "
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

068

817093

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR66

LOCATION STH. ESK CO-ORDINATES 21840 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11. 81

DRILLER/CONTRACTOR KITC ING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.25	109.44	0.005							Ochre gravelly clay. Clasts angular quartz. Clay medium tenacity. No trace of mineral		
2	4		2.25	85.74	0.006							As above. No trace of mineral		
4	6		3.62	60.87	0.004							Yellow brown shale. No trace of mineral		
6	8		4.50	72.39	0.004							As above "		
8	10		2.70									" "		
10	12		3.00									" "		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

069

817094

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR67

LOCATION SHT. ESK CO-ORDINATES 21920 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.92	82.23	0.003							Yellow brown coarse sand to gravel. Clasts angular quartz and sandstone. No trace of mineral		
2	4		2.50	87.87	0.003							Pink clay, medium tenacity. No trace of mineral		
4	6		3.25	88.64	0.006							Brown shale. No trace of mineral		
6	8		4.00	92.29	0.006							As above "		
8	10		6.30									" "		
10	12		3.60									" "		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

070

817095

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR68

LOCATION STH. ESK CO-ORDINATES 22000 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 l R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11 19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (l)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.90	70.40	0.004							Yellow brown clayey coarse sand to gravel. Clasts angular quartz and siltstone. No trace of mineral
2	4		1.80	115.19	0.083							As above. No trace of mineral
4	6		2.40	97.67	0.005							As above. No trace of mineral
6	8		2.40	79.16	0.003							Brown shale. No trace of mineral
8	10		3.12	75.29	0.003							As above. No trace of mineral
10	12		2.40									As above. No trace of mineral
12	14		5.95									As above, becomes dark grey
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... l

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

071

817096

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR69

LOCATION STH. ESK CO-ORDINATE 22080 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.00	102.6	x							Yellow and grey sandy clay, medium to low tenacity. Trace ilmenite		
2	4		1.80	11545	0.013							Clayey gravel. No trace of mineral		
4	6		3.50	57.29	0.004							Yellow and grey to light grey clay. No trace of mineral		
6	8		4.37	92.85	x							Brown shale No trace of mineral		
8	10		3.50	65.63	x							As above. No trace of mineral		
10	12		5.25									As above. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

072

817097

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR70

LOCATION STH. ESK CO-ORDINATES 22160 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 21.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		0.80	55.08	0.005							Yellow brown clayey medium sand to gravel.
												Clasts angular quartz and schist. Ilmenite
2	4		5.50	71.38	x							Brown shale (weathered basement) No trace of
												mineral
4	6		3.50	81.61	x							As above. No trace of mineral
6	8		6.60									" "
8	10		5.00									" "
					End	of	Hole					

C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE G-GRIT S-SAND ST-SILT

T-TENACITY H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

073

817098

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ·809054 **DRILL LOG**

HOLE NO. SR71

LOCATION STH. ESK CO-ORDINATES 22240 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	33.91	0.023	0.001		0.2				Yellow brown coarse sand to gravel. Clasts angular quartz and minor sandstone with minor mica. Trace ilmenite
2	4		2.00	36.47	0.289	0.010		2.3				As above. No trace of mineral
4	6		2.40	38.97	5.93	0.231		51.2				As above. Gold
6	8		2.80	33.84	2.07	0.070		15.5				As above. Slate near end of run. Possibly one flake of gold.
8	10		5.42	41.92	0.585	0.025		5.4				Medium grey sandy shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 8 m 17.3 g Au/m³ (GRADE 2)

SMITH PRINT

074

817099

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 809054 **DRILL LOG** HOLE NO. SR72

LOCATION STH. ESK CO-ORDINATES 22400 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.40	35.66	0.014	Tr		Tr				Brown clayey gravel. Clasts angular quartz sandstone and siltstone with minor mica. Trace ilmenite		
2	4		1.75	37.37	x			–				As above. Clasts sometimes rounded. Trace ilmenite		
4	6		4.20	31.51	x			–				Brown gravel becoming dark grey shale at 5m. No trace of mineral		
6	8		2.80									Dark grey shale (basement?) No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

075

817100

AUSTRALIAN ANGLO AMERICAN LTD. 5415: FORESTER EQ 810055 **DRILL LOG**

HOLE NO. SR73

LOCATION STH...ESK CO-ORDINATES 22480 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 89.9 mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHI G SAMPLE WASHER S...MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.75	37.24	x			-				Brown gravel. Clasts subrounded to angular quartz, sandstone, dolerite, granodiorite with minor mica. Ilmenite.		
2	4		3.50	38.26	2.55	0.098		21.6				As above. Ilmenite		
4	6		2.95	45.98	0.006	Tr		Tr				Dark grey clayey shale (basement). Trace ilmenite		
6	8		5.00									As above. Pyrite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ....4.....m 10.8.....mg Au/m³ (GRADE 2)

SMITH PRINT

076

817101

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EG 811055 **DRILL LOG**

HOLE NO. SR74

LOCATION STH. ESK CO-ORDINATES 22560 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.25	50.13	0.005	Tr		Tr				Brown clayey gravel. Clasts angular quartz and subrounded sandstone with minor granodiorite, clay low tenacity. Ilmenite		
2	4		1.50	48.25	0.005	Tr		Tr				Coarse sand to gravel. Clasts angular quartz and subrounded dolerite ?, sandstone and granodiorite. Ilmenite		
4	6		1.50	37.01	6.78	0.251		55.6				Dark grey shale (basement) Gold		
6	8		3.75	25.04	x							As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ....6.....m ....18.5.....mg Au/m³ (GRADE 2)

SMITH PRINT

077

817102

AUSTRALIAN ANGLO AMERICAN LTD. 1415: FORESTER EQ813053

DRILL LOG

HOLE NO. SR75

LOCATION STH. ESK CO-ORDINATES 22720 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.25	93.94	0.023	Tr		Tr				Brown gravel, subrounded to angular quartz, sandstone, dolerite? and granodiorite. Trace ilmenite		
2	4		2.25	47.28	4.04	0.191		42.3				As above. One flake gold, ilmenite		
4	6		5.40	44.95	0.845	0.038		8.4				Dark grey clay (pulverised shale-basement)		
6	8											No trace of mineral		
			5.70	32.75	0.063			0.5				Dark grey shale. No trace of mineral		
8	10		7.70	31.67	0.420			2.9				As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 21.1 mg Au/m³ (GRADE 2)

6 16.9

SMITH PRINT

078

817103

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 814 054

DRILL LOG

HOLE NO. SR76

LOCATION STH. ESK CO-ORDINATES 22800 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.25	33.98	x	-		-				Brown clay, medium to high tenacity. Trace ilmenite		
2	4		0.50	44.20	7.15	0.316		70.0				Brown gravel, clasts angular quartz and subrounded to angular sandstone and dolerite? Trace ilmenite		
4	6		1.20	31.16	16.2	0.505		111.9				As above. One flake gold		
6	8		4.75	46.00	0.189	0.009		1.9				Dark grey clay (pulverised shale-basement) No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 60.6 mg Au/m³ (GRADE 2)

SMITH PRINT

079

817104

AUSTRALIAN ANGLO AMERICAN LTD. 8415, FORESTER EQ 814054 **DRILL LOG**

HOLE NO. SR77

LOCATION STH. ESK CO-ORDINATES 22880. mE 24400. mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.25	39.90	0.046	Tr		Tr				Brown clayey coarse sand to gravel. Clasts angular quartz, subrounded to angular sandstone, dolerite? and granodiorite. Trace ilmenite		
2	4		0.20	48.64	0.005	Tr		Tr				Brown gravel. Clasts angular quartz, subrounded to angular sandstone, dolerite? and granodiorit Pyrite		
4	6		4.00	34.20	0.008	Tr		Tr				Light brown coarse sand to gravel;clasts angular quartz with minor sandstone. No trace of mineral		
6	8		5.75									Dark grey shale (basement) No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

030

817105

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 815055

DRILL LOG

HOLE NO. SR78

LOCATION STH. ESK CO-ORDINATES 22960 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.10	36.18	0.035	Tr		Tr				Brown gravelly medium to coarse sand. Clasts angular quartz and mica. Trace ilmenite
2	4		1/05	38.05	0.020	Tr		Tr				Coarse sand to gravel. Clasts subangular quartz, subrounded sandstone and dolerite? No trace of mineral
4	6		2.27	40.29	25.7	1.035		229.5				Gravel then dark grey shale (basement) at 5m. One flake gold
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 76.5 mg Au/m³ (GRADE 2)

SMITH PRINT

081

817106

AUSTRALIAN ANGLO AMERICAN LTD. 5415: FORESTER EQ 516055 **DRILL LOG** HOLE NO. SR79

LOCATION STH. ESK CO-ORDINATES 23040 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	40.07	0.253	0.010		2.2				Brown clayey fine to medium sand. Clasts quartz and mica. Trace ilmenite		
2	4		1.92	38.97	4.41	0.172		38.1				As above. Gold.		
4	6		6.00	32.67	0.024	Tr		Tr				Dark grey shale (basement) No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RAD F = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 20.1 g Au/m³ (GRADE 2)

SMITH PRINT

082

817107

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 817055 **DRILL LOG**

HOLE NO. SR80

LOCATION STH. ESK CO-ORDINATES 23120 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay mg Au/t	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	40.33	x							Red brown fine sandy gravel. Clasts rounded to angular sandstone and quartz. Trace ilmenite
2	4		5.75	34.99	25.6	0.896		198.5				As above. Gold
4	6		4.60	38.65	52.8	2.041		452.3				Clayey sandy gravel (yellow brown) Gold.
6	8		3.00	32.40	0.016	Tr		Tr				Dark grey shale (basement). No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 216.9 mg Au/m³ (GRADE 2)

SMITH PRINT

083

817108

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EO 817056 **DRILL LOG** HOLE NO. SR81

LOCATION STH. ESK CO-ORDINATES 23200 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay m(g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.25	52.99	x			-				Yellow brown coarse sand. Clasts angular		
												Trace ilmenite		
2	4		3.87	41.34	1.20	0.050		11.0				As above. Gold		
4	6		5.50	37.28	x			-				As above to 5m, then medium brown shale. No		
												trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 5.5 mg Au/m³ (GRADE 2)

SMITH PRINT

084

817109

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 818056

DRILL LOG

HOLE NO...SR82..

LOCATION....STH. ESK CO-ORDINATES....23280.... mE ..24400.... mN LINE ..... PAGE.....of.....

DRILLING METHOD.....RCAB..... BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE..... m R.L. BASEMENT.....m DATE..... 19.....

DRILLER/CONTRACTOR...KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD....Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.25	37.79	0.833	0.031		7.0				Yellow brown clayey coarse sand to gravel. Clasts angular quartz and subrounded to angular sandstone. No trace of mineral		
2	4		3.31	31.40	2.04	0.064		14.2				Brown clayey coarse sand to gravel. Clasts angular quartz and subrounded to angular sandstone. One flake gold		
4	6		5.62	39.64	x			-				Yellow brown clayey (pulverised) shale . No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ....4....m ....10.6.... m g Au/m³ (GRADE 2)

SMITH PRINT

085

817110

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ818057

DRILL LOG

HOLE NO. SR83

LOCATION STH. ESK CO-ORDINATES 23360 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND 75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		5.00	57.07	x			–				Yellow and grey clay, medium tenacity. Ilmenite		
2	4		6.90	32.22	x			–				As above. Ilmenite		
4	6		4.3	39.64	x			–				Grey shale. No trace of mineral		
6	8		5.00									As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

086

817111

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORRESTER EQ 819057 **DRILL LOG**

HOLE NO. SR84

LOCATION STH. ESK CO-ORDINATES 23440 mE 24400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.10	30.31	x			-				Brown and grey sandy clay, high tenacity. Clasts subrounded to angular quartz. Trace ilmenite.		
2	4		3.00	26.64	38.2	1.018		225.5				Yellow brown clayey coarse sand. Clasts angular. One flake gold, ilmenite.		
4	6		2.65	29.68	x			-				Yellow brown clayey gravel. Clasts angular quartz and subrounded to angular sandstone. No trace of mineral		
6	8		3.50	16.57	0.440	0.007		1.6				Brown siltstone. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 4 m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 112.8 m g Au/m³ (GRADE 2)

SMITH PRINT

087

817112

AUSTRALIAN ANGLO AMERICAN LTD. 8413 : FORESTER EQ812068

DRILL LOG

HOLE NO. SR85

LOCATION STH. ESK CO-ORDINATES 23200 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.87	27.91	0.068	0.002		0.4				Dark brown clayey gravel, clay low tenacity, gravel angular quartz and sandstone. No trace of mineral		
2	4		1.50	41.26	0.774	0.032		7.1				Initially gravel to 2.5m, then dark grey shale. No trace of mineral		
4	6		3.75	39.12	-			-				As above (pulverised in part) No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ....4.....m ...3.7.....mg Au/m³ (GRADE 2)

SMITH PRINT

088

817113

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EO 813068

DRILL LOG

HOLE NO. SR86

LOCATION STH. ESK CO-ORDINATES 23280 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	50.55	1.94	0.098		21.7				Brown sand to gravel. Clasts angular quartz and subrounded sandstone. Trace ilmenite		
2	4		1.00	41.25	0.033	Tr		Tr				Initially gravel as above to 2.5m, then brown shale. No trace of mineral		
4	6		3.50	33.94	0.008	Tr		Tr				Dark grey shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 21.7 mg Au/m³ (GRADE 2)

SMITH PRINT

089

817114

AUSTRALIAN ANGLO AMERICAN LTD. 6415 : FORESTER EQ 813069

DRILL LOG

HOLE NO. SR87

LOCATION STH. ESK CO-ORDINATES 23360 mE 25900 mN LINE PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE m R.L. BASEMENT m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	42.25	x			-				Brown medium to coarse sand, clasts angular quartz and some sandstone moderately well sorted. No trace of mineral		
2	4		1.50	51.45	0.526	0.027		6.0				Brown sandy gravel. Clasts angular quartz, sandstone and dolerite?. No trace of mineral		
4	6		5.42	40.19	x			-				Initially gravel to 4.5m, then brown shale. No trace of mineral		
6	8		5.77									As above		
8	10		4.25									Dark grey shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RAD F = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 3.0 m g Au/m³ (GRADE 2)

SMITH PRINT

030

817115

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ814069 **DRILL LOG**

HOLE NO. SR88

LOCATION STH. ESK CO-ORDINATES 23440 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.75	17.06	x	-		-				Dark brown coarse sand. Clasts subrounded to angular quartz and sandstone. No trace of mineral		
2	4		2.00	51.44	0.078	Tr		Tr				Light grey gravel. Clasts angular quartz subangular to aubrounded sandstone and shale. No trace of mineral		
4	6		4.20	26.65	0.029	Tr		Tr				As above to 5.5m, then brown shale to siltstone. No trace of mineral		
6	8		2.50									Dark grey shale to siltstone. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

091

817116

AUSTRALIAN ANGLO AMERICAN LTD. 8416: FORESTER EQ 815069

DRILL LOG

HOLE NO. SR89

LOCATION STH. ESK CO-ORDINATES 23520 mE 25900 mN LINE PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE m R.L. BASEMENT m DATE 20.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	37.66	x			-				Brown clayey soil, low tenacity. Trace ilmenite		
2	4		0.50	39.90	x			-				Dark brown gravelly coarse sand. Clasts angular quartz, subangular sandstone and shale with golden mica. Trace ilmenite		
4	6		3.75	40.66	0.739	0.030		6.7				Light grey gravel. Clasts angular quartz subrounded to angular dolerite and sandstone No trace of mineral		
6	8			48.05	x			-				Dark grey siltstone		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 6 m 2.2m g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

092

817117

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER 59816069

DRILL LOG

HOLE NO. SR90

LOCATION STH. ESK CO-ORDINATES 23600 mE 25900 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 20.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD m (g Au)	GRADE 1 g Au/m³ m	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.35	33.88	x			–				Yellow brown clay, medium tenacity. Slightly sandy. Trace ilmenite
2	4		1.50	48.45	0.010	0.0005		0.1				Grey brown coarse sand to gravel. Clasts angular quartz, subrounded to angular sandstone, dolerite (?) and shale and minor golden mica. Trace ilmenite
4	6		5.42	49.48	6.57	0.325		72.0				As above to 4.5m, then dark grey siltstone. Gold
6	8			54.2	0.023			0.3				Dark grey siltstone.
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m 24.0 mg Au/m³ (GRADE 2)

SMITH PRINT

093

817118

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST PAULS EQ 825040

DRILL LOG

HOLE NO. SR 91

LOCATION STH. ESK CO-ORDINATES 23280 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 22.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	33.17	0.015	Tr		Tr				Brown clayey soil, low tenacity. Trace ilmenite		
2	4		3.20	32.35	x							Dark brown sandy clay, medium tenacity. Clasts subangular to subrounded quartz and sandstone. Trace ilmenite		
4	6		4.25	35.19	7.77	0.273		60.6				Grey brown coarse sand to gravel. Clasts subrounded to subangular quartz and sandstone with minor dolerite? Gold, ilmenite		
6	6.5		1.20	37.67	1.17	0.044		9.8				Black dolerite		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 20.2 m g Au/m³ (GRADE 2)
8 17.6

SMITH PRINT

094

817119

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST PAULS EG826940 **DRILL LOG** HOLE NO. SR92

LOCATION STH. ESK CO-ORDINATES 22360 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.92	40.52	0.135	0.005		1.2				Pink sandy clay, medium tenacity. Clasts		
												quartz and dolerite. Trace ilmenite		
2	2.5		1.15	44.23	x							Black dolerite. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

095

817120

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 626040

DRILL LOG

HOLE NO. SR93

LOCATION STH. ESK CO-ORDINATES 22440 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 3.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.57	39.43	0.285	0.011		2.5				Dark brown soil to mud, low tenacity, then black dolerite at 0.9m (approx) Trace ilmenite
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ... g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

096

817121

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ827041

DRILL LOG

HOLE NO. SR94

LOCATION STH. ESK CO-ORDINATES 22520 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 4.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.55	26.28	x							Yellow brown fine to medium sand. Clasts subangular to angular quartz and mica. Trace ilmenite
2	4		1.42	33.83	x							Brown clayey gravel. Clasts angular quartz and subrounded to angular sandstone and dolerite. Trace ilmenite
4	6		4.15	47.98	1.54	0.074		16.4				Dark grey clay, medium tenacity. No trace of mineral
6	8		3.32	53.73	0.546	0.029		6.5				Brown gravel. Clasts angular quartz and subrounded to angular quartz, sandstone and dolerite, no trace of mineral.
8	10		4.00	30.88	0.529			3.6				Black dolerite. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 8 m 5.7 g Au/m³ (GRADE 2)

SMITH PRINT

097

817122

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR95

LOCATION STH. ESK CO-ORDINATES 21200 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.40	48.00	x							Yellow clay medium tenacity. No trace of mineral
2	4		2.70	88.03	x							Yellow and white clay, minor gravel, medium tenacity. No trace of mineral
4	6		4.85	69.57	x							As above. No trace of mineral
6	8		3.00	103.34	0.003							Yellow brown siltstone (basement) No trace of mineral
8	10		4.30	96.80	x							As above No trace of mineral
10	12		7.00									As above. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

098

817123

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR96

LOCATION STH. ESK CO-ORDINATES 21280 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.57	118.85	0.002							Ochre gritty clay, medium tenacity. Trace ilmenite		
2	4		4.90	76.65	x							Yellow and grey clay, medium tenacity. No trace of mineral		
4	6		6.90	74.60	0.003							Brown siltstone. No trace of mineral		
6	8		6.60	89.44	0.003							As above "		
8	10		5.60									As above "		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

099

817124

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR97

LOCATION STH. ESK CO-ORDINATES 21280 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.85	85.84	0.003							Yellow and grey clay, medium tenacity. No trace of mineral		
2	4		6.60	63.45	x							As above, contains minor siltstone. No trace of mineral		
4	6		4.00	76.62	x							Brown siltstone. No trace of mineral		
6	8		7.05	78.30	0.006							As above. No trace of mineral		
8	10		3.00									As above. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817125

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR98

LOCATION STH. ESK CO-ORDINATES 21440 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		5.10	123.04	0.089							Ochre clay, medium tenacity. No trace of mineral
2	4		6.30	52.92	0.005							As above. No trace of mineral
4	6		6.75	66.59	x							Brown siltstone. No trace of mineral
6	8		2.55	93.82	x							As above. No trace of mineral
8	10		3.60									As above. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVEPED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

101

817126

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR99

LOCATION STH. ESK CO-ORDINATES 21520 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S.MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.50	94.05	x							Ochre and grey clay, medium tenacity. No trace of mineral
2	4		6.90	79.42	x							As above No trace of mineral
4	6		5.60	80.43	x							Brown siltstone. No trace of mineral
6	8		4.90	71.44	0.004							As above. No trace of mineral
8	10		4.75									Red brown siltstone. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

102

817127

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR100

LOCATION STH...ESK CO-ORDINATES 21600 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD..... BIT DIAMETER.....mm THEORETICAL VOLUME ..... ℓ R.L. SURFACE..... m R.L. BASEMENT..... m DATE 23.11.81

DRILLER/CONTRACTOR..... SAMPLE WASHER..... ASSAY LAB..... ASSAY METHOD..... GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.60	105.28	x							Ochre gritty clay, Medium tenacity. No trace
												of mineral
2	4		5.35	65.85	x							As above
4	6		3.50	81.47	0.003							Brown siltstone basement. No trace of mineral
6	8		5.75	87.50	0.006							Brown siltstone with angular (vein?) quartz.
												No trace of mineral
8	10		6.50									As above. No trace of mineral
10	12		4.00									" "
12	14		4.90									Brown siltstone. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

103

817128

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR101

LOCATION STH. ESK CO-ORDINATES 216800 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.20	56.96	x							Yellow and grey clay, medium tenacity with gravel clasts. Trace ilmenite		
2	4		5.90	33.03	x							Red, brown and grey white clay, medium tenacity No trace of mineral		
4	6		6.95	42.57	x							As above. No trace of mineral		
6	8		MISSING											
8	10		5.10	98.00	0.003							As above. No trace of mineral		
10	12		4.55	66.12	0.004							" "		
12	14		5.35	98.25	0.013							Brown shale basement. No trace of mineral		
14	16		6.05									As above "		

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

104

817129

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR102

LOCATION STH. ESK CO-ORDINATES 21760 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.67	71.17	0.004							Ochre and light grey clay, medium tenacity.
												No trace of mineral
2	4		5.10	91.14	0.479							Red brown clayey coarse sand to gravel.
												Clasts angular quartz and round sandstone
												and granodiorite. Ilmenite
4	6		3.22	92.83	0.019							As above, includes diorite clasts. Ilmenite
6	8		4.92	45.76	0.006							As above. Ilmenite
8	10		4.15	68.91	0.003							As above. Ilmenite
10	12		4.05	108.96	0.005							Brown siltstone. No trace of mineral
12	14											Dark grey shale to siltstone
14	16											As above
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.004 g Au/m³ (GRADE 2)

SMITH PRINT

105

817130

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR103

LOCATION STH. ESK CO-ORDINATES 21840 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		2.75	73.44	x							Ochre gravelly clay, clay low tenacity. Clasts mainly quartz and sandstone. Trace ilmenite
2	4		3.87	62.58	1.32							Yellow brown clayey coarse sand to gravel. Clasts angular quartz and sandstone. One speck gold, trace ilmenite
4	6		6.75	67.08	0.008							As above. Trace ilmenite
6	8		4.20	58.75	0.009							Brown siltstone. No trace of mineral
8	10		6.30	83.69	0.018							Grey brown shale-siltstone. No trace of mineral
				End	of	Hole						

C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE G-GRIT S-SAND ST-SILT

T-TENACITY H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.009 g Au/m³ (GRADE 2)

SMITH PRINT

817131

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQB15033

DRILL LOG

HOLE NO. SR104

LOCATION STH. ESK CO-ORDINATES 21920 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		1.60	83.83	0.003							Yellow coarse sand to gravel. Clasts angular
												angular quartz and subrounded
2	4		5.00	79.23	0.003							Yellow clayey gravel. Clasts as above. One
												speck gold, trace ilmenite
4	6		5.60	62.86	0.002							Dark brown shale. No trace of mineral
					End	of	Hole					

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817132

107

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR105

LOCATION STH. ESK CO-ORDINATES 22000 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST t.k.scott

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	62.42	0.102							Ochre gravelly clay. Clasts mainly angular quartz, medium tenacity. One speck gold, trace ilmenite		
2	4		5.25	75.27	x							Ochre gravelly clay to 2.5m, then brown clayey siltstone. Trace ilmenite		
4	6		4.25	100.75	0.005							Yellow brown siltstone (basement) No trace min.		
6	8		6.25	95.26	0.052							As above, minor angular quartz vein material. No trace of mineral		
8	10		5.10	88.77	0.043							As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 0.001 g Au/m³ (GRADE 2)

SMITH PRINT

817133

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO...SR106

LOCATION....STH...ESK CO-ORDINATES...22080.... mE .....22700mN LINE ..... PAGE....1....of....1....

DRILLING METHOD.....RCAB.... BIT DIAMETER59.9mm THEORETICAL VOLUME5.64 R.L. SURFACE..... m R.L. BASEMENT.....m DATE.23..11..81

DRILLER/CONTRACTOR...KITCHING SAMPLE WASHER.....S...MOORE ASSAY LAB.....ANALABS ASSAY METHOD....Fire/AAS GEOLOGIST.T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.10	79.91	0.003							Ochre gravelly clay. Clasts mainly angular quartz, clay medium tenacity. Trace of ilmenite		
2	4		4.32	111.61	0.002							Yellow clay, medium tenacity. Trace of ilmenite		
4	6		5.75	101.61	0.003							As above. No trace of mineral		
6	8		3.25	87.88	0.003							Brown clayey shale (basement) No trace of min.		
8	10		6.92	95.52	0.003							Brown shale. No trace of minerals		
10	12		4.90									As above "		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817134

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR107

LOCATION STH. ESK CO-ORDINATES 22160 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHERS MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.10	63.49	0.004							Yellow and grey clay, medium tenacity. Trace ilmenite		
2	4		5.87	62.53	0.332							As above. No trace of mineral		
4	6		6.15	60.72	0.004							Brown siltstone. No trace of mineral		
6	8		5.90	87.64	0.003							As above. No trace of mineral		
8	10		5.52									Medium grey to brown shale to siltstome. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 0.002 g Au/m³ (GRADE 2)

SMITH PRINT

110

817135

AUSTRALIAN ANGLO AMERICAN LTD.

DRILL LOG

HOLE NO. SR108.

LOCATION ...STH...ESK CO-ORDINATES..22240..... mE 22700..... mN LINE ..... PAGE...1.....of.....1

DRILLING METHOD..RCAB..... BIT DIAMETER 69.9 mm THEORETICAL VOLUME 5.54 R.L. SURFACE..... m R.L. BASEMENT.....m DATE 23.11.81

DRILLER/CONTRACTOR. KITCHING SAMPLE WASHER...S...MOORE ASSAY LAB....ANALABS ASSAY METHOD. Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.80	95.39	x							Yellow brown clay, medium tenacity. No trace of mineral
2	4		7.50	89.28	0.111							Yellow brown clayey gravel. Clasts mainly angular quartz and subrounded sandstone and granodiorite. Trace ilmenite
4	6		5.25	100.7[illegible]	x							Brown siltstone.No trace of mineral
6	8		7.25	100.12	0.003							Brown clay. Low tenacity (weathered basement) No trace of mineral
8	10		7.00	104.2[illegible]	0.002							Brown siltstone. No trace of mineral
10	12		4.55	91.51	0.003							As above. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RAD F = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ....4....m ....0.:00.1....g Au/m³ (GRADE 2)

SMITH PRINT

817136

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST PAULS EQ8L035

DRILL LOG

HOLE NO. SR109

LOCATION STH. ESK CO-ORDINATES 22320 mE 22700 mN LINE

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE m R.L. BASEMENT m DATE 27.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.80	40.78	x							Yellow and grey clay, medium tenacity.		
												No trace of mineral		
2	4		3.67	30.93	0.043	Tr		Tr				Light grey gritty clay, medium tenacity.		
												Trace of ilmenite		
4	6		5.30	36.49	x							Brown siltstone with angular (vein?) quartz		
												(basement). No trace of mineral		
6	8		5.77									As above		
8	10		5.42									Dark grey siltstone. No trace of mineral		
10	12		4.60									As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

112

817137

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST PAULS EQ 817035 **DRILL LOG**

HOLE NO. SR110

LOCATION STH. ESK CO-ORDINATES 22400 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10 to 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (m g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.37	30.35	x							Yellow brown clayey gravel, clasts mainly angular to subrounded quartz. Trace of ilmenite
2	4		6.70	34.44	x							Yellow clay, low to medium tenacity. trace of ilmenite
4	6		5.20	26.43	x							Dark grey clay (weathered basement). No trace of mineral
6	8		5.75									As above. No trace of mineral
8	10											Dark grey clayey shale
10	12											As above
12	14											As above
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817138

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST PAULS EG 81 & 016

DRILL LOG

HOLE NO. SR111

LOCATION STH. ESK CO-ORDINATES 22480 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.00	33.48	x							Yellow brown clayey gravel. Clasts mainly
												subrounded to angular quartz. Trace ilmenite
2	4		4.12	37.81	x							As above. No trace of mineral
4	6		5.20	30.87	x							Brown siltstone to shale (basement?) No trace mn
6	8		3.70									Clayey shale with angular quartz (vein?)
												No trace of mineral
8	10		5.22									Grey clay, low tenacity. No trace of mineral
10	12		4.90									Grey clay colour but clasts all angular
												quartz often showing vein like sides with
												siltstone and shale fragments. It would
												appear this is a fractured quartz vein net-
												work within the basement Mathinna beds, due
												to lack of any other clasts. No trace of mineral
12	14											As above
14	16											As above
16	18											Dark grey but as above
18	20											As above
2022	22											As above
22	24											As above
24	26											Dark grey clay (pulverised shale?)
26	28											As above
28	29											Dark grey clay but "clasts" show shale
					End	of	Hole					texture

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

114

817139

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST PAULS EQ 819036

DRILL LOG

HOLE NO. SR112

LOCATION STH. ESK CO-ORDINATES 22560 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.87	28.99	17.4	0.504		111.8				Yellow brown clayey gravel, clasts angular quartz, subangular granodiorite and sandstone Trace ilmenite
2	4		4.10	33.73	x			-				Yellow brown gritty clay, merium tenacity. Trace ilmenite
4	6		4.90	37.76	0.007	Tr		Tr				Dark grey clay (weathered basement?) No trace of mineral
6	8											As above
8	16											As above
16	18											As above, minor clasts showing shale texture
18	20											As above, with some shale clasts. i.e. sample is pulverised shale

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 111.8 g Au/m³ (GRADE 2)

SMITH PRINT

115

817140

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 819036

DRILL LOG

HOLE NO....SR113

LOCATION....STH. ESK CO-ORDINATES 22640 mE 22700 mN LINE.....

PAGE 1 of 1

DRILLING METHOD....RCAB BIT DIAMETER 99.9 mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE..... m R.L. BASEMENT.....m DATE 27.10.81

DRILLER/CONTRACTOR...KITCHING SAMPLE WASHER S...MOORE ASSAY LAB....ANALABS ASSAY METHOD...Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 m g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.80	33.04	0.426	0.014		3.1				Yellow brown clayey medium to coarse sand.		
												Clasts angular quartz and subrounded to sub-		
												angular sandstone. Trace ilmenite		
2	4		4.00	48.80	0.192	0.009		2.1				As above. Trace ilmenite		
4	6		6.10	34.08	x			-				Yellow brown clay, low tenacity. No trace of		
												mineral		
6	8		7.00	36.25	x			-				As above. No trace of mineral		
8	10		5.07									Brown shale. No trace of mineral		
10	12		11.75									As above with minor quartz (vein?) No trace		
												of mineral		
12	14		5.25									Dark grey shale. No trace of mineral		
14	16											As above		
16	18											As above		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817141

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 820037

DRILL LOG

HOLE NO. SR114

LOCATION STH. ESK CO-ORDINATES 22720 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 28.10.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		?					-				Yellow brown gravelly clay, medium tenacity,		
												clasts angular quartz mainly.		
2	4		5.30	34.57	x			-				As above. Contains some dark (dolerite?)		
												clasts. Ilmenite		
4	6		1.05									As above, then into dark dolerite at 4.5m.		
												Ilmenite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

117

817142

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ821037

DRILL LOG

HOLE NO. SR115

LOCATION STH. ESK CO-ORDINATES 22800 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.27	36.63	0.416	0.015		3.4				Brown clay, medium tenacity. No trace of mineral		
2	4		2.15	28.95	x			-				Brown gravel, clasts quartz conglomerate with subrounded to subangular sandstone and dolerite. No trace of mineral		
4	5.50		2.45	35.48	x			-				As above to 5m, then dolerite at 5.5m. Trace of ilmenite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 3.4 mg Au/m³ (GRADE 2)

SMITH PRINT

118

817143

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EG 821038

DRILL LOG

HOLE NO. SR116

LOCATION STH. ESK CO-ORDINATES 22880 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
02	2		2.20	31.58	0.409	0.013		2.9				Yellow brown gravel. Clasts angular quartz, predominantly subrounded sandstone and dolerite. Trace ilmenite		
2	4		3.27	31.09	x							Grey to brown clay with a black dolerite at 3.5m. Trace ilmenite		
4	6		1.25									Black dolerite. Trace ilmenite		

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 2.9 m g Au/m³ (GRADE 2)

SMITH PRINT

119

817144

AUSTRALIAN ANGLO AMERICAN LTD. 8419: ST PAULS EQ822038

DRILL LOG

HOLE NO. SB117

LOCATION STH ESK CO-ORDINATES 22960 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.5mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.75	34.71	x			-				Yellow brown gritty clay, low tenacity. No trace of mineral		
2	2.75		2.05	37.27	x			-				Yellow brown sand, clasts subangular quartz. at 2.5m black dolerite. Trace ilmenite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

120

817145

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 823038

DRILL LOG

HOLE NO. SR118

LOCATION STH ESK CO-ORDINATES 23040 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.17	28.27	x							Yellow brown sandy clay, low tenacity. Trace ilmenite		
2	4		3.42	30.48	0.471	0.014		3.2				Yellow brown gravel. Clasts angular quartz with subrounded to angular sandstone. No trace of mineral		
4	6		2.17	36.45	161.6	5.890		1305.5				As above until 4.5m, then black dolerite Gold, ilmenite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 436.2m g Au/m³ (GRADE 2)

SMITH PRINT

817146

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 923038

DRILL LOG

HOLE NO. SR119

LOCATION STH. ESK CO-ORDINATES 23020 mE 22700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 27.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.25	41.73	x			-				Yellow brown gravel. Clasts angular quartz, subrounded to subangular sandstone and dolerite. Trace ilmenite		
2	4		3.50	27.60	1.56	0.043		9.5				As above. One speck gold, ilmenite		
4	6		6.00	58.27	x			-				Black dolerite. Trace ilmenite, pyrite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 4.8 m g Au/m³ (GRADE 2)

SMITH PRINT

122

817147

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 787077

DRILL LOG

HOLE NO. SR120

LOCATION STH. ESK CO-ORDINATES 46200 mE 44920 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64l R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (l)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		1.57	39.52	x	-		-				Yellow and grey clay, medium tenacity. No trace of mineral
2	4		2.25	30.35	0.347	0.010		2.3				Yellow brown gravel. Clasts angular quartz, mainly rounded to subangular sandstone and minor shale. Ilmenite
4	6		3.50	34.91	9.02	0.315		69.8				As above. Gold, ilmenite
6	8		7.40	31.20	1.64	0.051		11.3				Medium grey shale. No trace of mineral
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... l

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 6 m 24.0 g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 8 m 20.8 g Au/m³ (GRADE 2)

SMITH PRINT

123

817148

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ757078

DRILL LOG

HOLE NO. SR121

LOCATION STH. ESK CO-ORDINATES 46200 mE 45070 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 23.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST t.k.scott

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY.SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	31.51	0.024	Tr		Tr				Yellow brown gravel, clasts subangular to angular quartz, subrounded to subangular sandstone. Ilmenite		
2	4		1.37	32.85	0.078	Tr		Tr				As above, with minor dolerite clasts. Ilmenite		
4	6		2.10	48.50	0.032	Tr		Tr				Yellow brown sandy gravel. Ilmenite		
6	8		3.10	25.82	0.021	Tr		Tr				Dark grey siltstone. Pyrite		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

124

817149

AUSTRALIAN ANGLO AMERICAN LTD. SAIS: FORESTER EQ787079 **DRILL LOG**

HOLE NO. SR122

LOCATION STH. ESK CO-ORDINATES 46200 mE 45080 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9m THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.02	31.85	0.016	Tr		Tr				Yellow brown clay (low tenacity), then coarse sand to gravel. Clasts angular quartz and subangular to subrounded sandstone and dolerite. Ilmenite		
2	4		2.10	36.69	x			-				Gravel as above. Ilmenite		
4	6		2.10	28.47	12.1	0.344		76.3				As above. Gold, ilmenite		
6	8		2.85	35.37	0.517			4.0				Dark grey shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 25.4 m g Au/m³ (GRADE 2)

SMITH PRINT

125

817150

AUSTRALIAN ANGLO AMERICAN LTD. 6415 : FORESTER EQ 787079

DRILL LOG

HOLE NO. SR123

LOCATION STH. ESK CO-ORDINATES 46200 mE 45160 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 2.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.50	32.60	0.056	Tr		Tr				Brown gravelly clay, medium tenacity. Small trace ilmenite
2	4		0.55	25.80	0.061	Tr		Tr				Yellow brown gravel. Clasts angular quartz, rounded to subangular quartz and sandstone. No trace of mineral
4	6		3.22	36.63	4.51	0.165		36.6				As above. Gold, ilmenite
6	8		4.50	35.03	X	-		-				Dark grey shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 6 m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ..... m 12.2 m g Au/m³ (GRADE 2)

SMITH PRINT

126

817151

AUSTRALIAN ANGLO AMERICAN LTD. 84 IS: FORESTER EQ 75800

DRILL LOG

HOLE NO. SR124

LOCATION STH. ESK CO-ORDINATES 46200 mE 45240 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 4.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		0.75	40.27	x	-		~				Brown clay, medium tenacity. Trace ilmenite
2	4		1.50	39.93	x	-		~				Light grey gravel, subangular to angular quartz with subrounded to subangular sandstone and dolerite and minor granodiorite. Trace ilmenite
4	6		2.40	61.45	0.284	0.017		3.9				As above. No trace of mineral
6	8		3.50	39.43	x	-		-				Dark grey shale. No trace of mineral
					End	of	Hole					

C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE G-GRIT S-SAND ST-SILT

T-TENACITY H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 1.3 mg Au/m³ (GRADE 2)

SMITH PRINT

127

817152

AUSTRALIAN ANGLO AMERICAN LTD. 9415 : FORESTER EQ 788081

DRILL LOG

HOLE NO. SR125

LOCATION STH. ESK CO-ORDINATES 46200 mE 45320 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 2.11.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.80	37.10	x			-				Brown gritty clay. Clasts mainly angular quartz, medium tenacity. No trace of mineral		
2	4		0.65	28.00	x			—				Brown angular gravel. Clasts angular quartz, subrounded to subangular sandstone, dolerite, granodiorite. Gold.		
4	6		5.90	31.01	x			—				As above. No trace of mineral		
6	8		3.87									Grey shale. No trace of mineral		
8	10		2.10									As above. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

128

817153

AUSTRALIAN ANGLO AMERICAN LTD. 6415: FORESTER EQ 7580S2 **DRILL LOG** HOLE NO. SR126

LOCATION STH. ESK CO-ORDINATES 46200 mE 45320 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	33.12	0.204	0.007		1.5				Yellow brown clayey gravel. Clasts subangular to angular quartz, subrounded to subangular dolerite and sandstone. Trace ilmenite		
2	4		1.75	29.16	x			–				As above. Trace ilmenite		
4	6		1.40	46.40	1.44	0.067		14.8				As above. Gold		
6	8		0.70	24.26	x			–				Brown shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 5.4 m g Au/m³ (GRADE 2)

SMITH PRINT

129

817154

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 758 082 **DRILL LOG**

HOLE NO. SR127

LOCATION STH. ESK CO-ORDINATES 46200 mE 45400 mN LINE ... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ... m R.L. BASEMENT ... m DATE 4.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		0.75	36.24	x			-				Yellow brown clayey gravel. Clasts subrounded to angular quartz and subrounded to subangular sandstone and dolerite. Trace ilmenite
2	4		1.42	24.55	119.9	2.9444		652.4				As above. Gold
4	6		4.70	40.61	x			-				Dark grey shale. No trace of mineral
6	8		2.55									As above. No trace of mineral
					End	of	Hole					

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO ... m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO ... m = ... g Au

GRADE 1 FROM SURFACE TO ... m ... g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 326.2 g Au/m³ (GRADE 2)

SMITH PRINT

130

817155

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 759083

DRILL LOG

HOLE NO. SR128

LOCATION STH. ESK CO-ORDINATES 46200 mE 45480 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 4.11.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.25	45.99	0.113	0.005		1.1				Yellow brown clayey gravel. Clasts angular quartz and subrounded to subangular sandstone Clay low tenacity. No trace of mineral		
2	4		5.00	35.42	x							Yellow coarse sand to gravel. Clasts sub-rounded to angular quartz, with minor feldspar and rounded to subangular dolerite and sandstone. No trace of mineral		
4	6		8.00	35.29	x							Brown (pulverised) shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....2.....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....1.1 m.....g Au/m³ (GRADE 2)

SMITH PRINT

131

817156

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 789 084

DRILL LOG

HOLE NO. 129

LOCATION STH. ESK CO-ORDINATES 46200 mE 45560 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 4.11.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE: C	N	T	C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE: G-GRIT S-SAND ST-SILT	T-TENACITY: H-HIGH M-MEDIUM L-LOW
0	2		1.12	36.66	x			-				Yellow grey clayey gravel. Clay low tenacity. Gravel oblate schist and sandstone with minor quartz. No trace of mineral		
2	4		2.25	44.69	x			-				Black clay, medium tenacity (carbonaceous) No trace of mineral		
4	6		1.35	47.41	x			-				Grey gravel. Clasts angular quartz, subrounded to subangular sandstone and dolerite with minor granodiorite. No trace of mineral		
6	8		4.30									Shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

132

817157

AUSTRALIAN ANGLO AMERICAN LTD. $415 : FORESTER EQ789055

DRILL LOG

HOLE NO. SF130

LOCATION STH. ESK CO-ORDINATES 46200 mE 45560 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 4.11.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.70	46.40	x			—				Brown clayey sand (medium to fine grained)		
												No trace of mineral		
2	4		1.57	33.02	0.070	Tr		Tr				Brown coarse sand to gravel. Clasts angular		
												quartz and oblate to subrounded schist		
												Trace ilmenite		
4	6		4.15	41.19	x			—				Shale. No trace of mineral		
6	8		4.90									As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

133

817158

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 789 085

DRILL LOG

HOLE NO. SR131

LOCATION STH. ESK CO-ORDINATES 46200 mE 45640 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 6.11.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.40	37.24	x			-				Brown clayey gritty soil. No trace of mineral		
2	4		2.77	44.14	0.006	Tr		Tr				Brown gravel. Clasts angular quartz and oblate to subrounded sandstone and granodiorite. Trace of ilmenite		
4	6		5.00	34.85	0.059	Tr		Tr				Clayey gravel with minor quartz. No trace of mineral		
6	8											Dark grey clay (weathered basement)		
8	10											As above		
10	12											Shale		
12	14											As above		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

134

817159

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 795044 **DRILL LOG**

HOLE NO. SR132

LOCATION STH. ESK CO-ORDINATES 20720 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 12.11.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY-SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	40.56	0.120	0.005		1.0				Brown clayey gravel clay low tenacity. Clast angular quartz and subrounded to sub-angular sandstone. Trace ilmenite		
2	4		2.00	26.71	x			-				Red brown gravel as above. No trace of mineral		
4	6		6.50	27.42	x			-				Brown shale. No trace of mineral		
6	8		6.00	24.19	x			-				As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

135

817160

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 796 044

DRILL LOG

HOLE NO. SR133

LOCATION STH. ESK CO-ORDINATES 2080.00 mE 2430.00 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	44.08	x			-				Brown slightly clayey coarse sand to gravel. Clasts minor angular quartz, predominantly oblate subrounded to subangular sandstone and siltstone. No trace of mineral		
2	4		3.25	38.71	x			-				As above. No trace of mineral		
4	6		5.42	41.90	x			-				Brown shale. No trace of mineral		
6	8											As above		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

136

817161

AUSTRALIAN ANGLO AMERICAN LTD. 8415: ST. PAULS EQ 797 044

DRILL LOG

HOLE NO. SR 134

LOCATION STH. ESK CO-ORDINATES 20880 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.0	31.75	0.008	Tr		Tr				Brown gritty clay, high tenacity. No trace of mineral		
2	4		3.50	33.13	x			-				As above, medium tenacity. No trace of mineral		
4	6		3.32	24.13	x			-				Brown shale. No trace of mineral		
6	8											As above.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

137

817162

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ798045 **DRILL LOG**

HOLE NO. SR135

LOCATION STH. ESK CO-ORDINATES 20960 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.50	39.59	0.007	Tr		Tr				Brown clayey gravel. Clasts subangular quartz and subrounded to subangular sandstone Clay low tenacity. Trace ilmenite		
2	4		3.67	32.64	x							As above (some shale material near base, basement?) Trace ilmenite		
4	6		6.0	33.39	x							Yellow clay. No trace of mineral		
6	8											Brown shale		
8	10											As above		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

138

817163

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ799C45 **DRILL LOG**

HOLE NO. SR136

LOCATION STH. ESK CO-ORDINATES 21040 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.50	30.68	0.068	0.002		0.5				Brown gritty clay, low tenacity. No trace min.		
2	4		7.00	44.55	x			-				Brown, then grey shale. No trace of mineral		
4	6		7.50	34.47	0.053	0.002		0.4				Grey shale. No trace of mineral		
6	8											As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 6 m 0.5 0.3 g Au/m³ (GRADE 2)

SMITH PRINT

817164

AUSTRALIAN ANGLO AMERICAN LTD. 8414; ST PAULS EQ799046

DRILL LOG

HOLE NO. SR137

LOCATION STH. ESK CO-ORDINATES 21120 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.54ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		3.50	39.42	0.066	0.003		0.6				Brown clayey gravel. Clasts angular quartz
												and subrounded to subangular sandstone and
												siltstone. No trace of mineral
2	4		4.75	39.05	x			-				As above. No trace of mineral
4	6		6.50	53.52	x			-				Yellow and grey clay, medium tenacity
												(weathered basement?). No trace of mineral
6	8											As above
8	10											As above. Small soft clasts in clay of shale-
												like material.
10	12.											Light brown shale.
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....2.....m .....0.6 m g Au/m³ (GRADE 2)

SMITH PRINT

140

817165

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 800046

DRILL LOG

HOLE NO. SR138

LOCATION STH. ESK CO-ORDINATES 21200 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S.A. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.00	27.48	0.037	0.001		0.2				Brown gravelly clay, low tenacity. No trace min.		
2	4		6.50	31.17	0.557	0.017		3.8				Brown clayey gravel, clasts angular quartz and subrounded to subangular sandstone. No trace of mineral		
4	6		9,50	42.84	0.018	0.001		0.2				Brown to grey clay to shale (basement). No trace of mineral		
6	8											Brown shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 2.0 m g Au/m³ (GRADE 2)

SMITH PRINT

817166

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 8D1046

DRILL LOG

HOLE NO. SR139

LOCATION STH. ESK CO-ORDINATES 21280 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.60	44.30	x			-				Brown clayey gravel. Clasts quartz and silts		
												No trace of mineral		
2	4		3.20	47.20	0.485	0.023		5.1				As above. No trace of mineral		
4	6		5.60	36.98	x			-				Brown shale. No trace of mineral		
6	8											As above.		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....4.....m .....2.5.....m g Au/m³ (GRADE 2)

SMITH PRINT

T42

817167

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EG 801047

DRILL LOG

HOLE NO. SR140

LOCATION STH. ESK CO-ORDINATES 21360 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.7 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 28.10.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.25	37.20	0.022	Tr		Tr				Yellow brown gravel. Clasts minor angular quartz with feldspar (?) and rounded to angular sandstone and siltstone. Trace ilmenite		
2	4		2.25	29.48	x			-				As above. No trace of mineral		
4	6		6.50	25.11	0.022	Tr		Tr				Brown shale. No trace of mineral		
6	8		3.50									As above. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

143

817168

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 802047

DRILL LOG

HOLE NO. SR14.1.

LOCATION STH. ESK CO-ORDINATES 21440 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 28.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		5.00	26.26	x			-				Brown clay with minor gravel, medium tenacity. No trace of mineral		
2	4		3.62	28.07	0.020	Tr		Tr				As above. No trace of mineral		
4	6		7.50	32.12	0.009	Tr		Tr				Brown shale. No trace of mineral		
6	8		7.62									As above. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817169

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 803047

DRILL LOG

HOLE NO. SR142

LOCATION STH. ESK CO-ORDINATES 21440 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 24.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.12	27.49	x			-				Yellow brown clay, low to medium tenacity.
												No trace of mineral
2	4		1.87	31.43	0.470	0.015		3.3				Yellow brown clayey coarse sand to gravel.
												Clasts angular quartz and subrounded to
												subangular sandstone. Trace ilmenite
4	6		5.30	30.31	x			-				Yellow brown clay with minor shale (basement?) N
6	8		2.50									As above. No trace of mineral trace miner
8	10		3.00									As above. No trace of mineral
10	12		3.80									Brown shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 1.5 m g Au/m³ (GRADE 2)

SMITH PRINT

145

817170

AUSTRALIAN ANGLO AMERICAN LTD. 6414 : ST. PAULS EQ 804 047

DRILL LOG

HOLE NO. SR143

LOCATION STH. ESK CO-ORDINATES 21600 mE 24300 mN LINE

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE m R.L. BASEMENT m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.75	30.41	x			-				Yellow grey gritty clay, medium tenacity		
												No trace of mineral		
2	4		3.45	35.44	0.999	0.035		7.8				Yellow brown clayey gravel. Clasts angular		
												quartz and oblate subrounded to subangular		
												sandstone and dolerite. No trace of mineral		
4	6		6.10	31.40	x			-				Brown shale (basement). No trace of mineral		
6	8		2.20	33.91	0.060	Tr		Tr				As above with minor quartz vein material		
												No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 3.9m g Au/m³ (GRADE 2)

SMITH PRINT

817171

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS SO 804 048

DRILL LOG

HOLE NO. SR144

LOCATION STH. ESK CO-ORDINATES 21680 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.00	31.49	x			-				Yellow brown and grey clay, medium tenacity.		
2	4		2.62	33.52	0.030	Tr		Tr				Yellow brown slightly clayey gravel. Clasts minor angular quartz and predominantly subrounded to subangular sandstone. One flake of gold, ilmenite.		
4	6		3.50	31.80	0.008	Tr		Tr				Brown siltstone (basement) No trace of mineral		
6	8		5.10	32.58	x							Brown siltstone (basement). No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

147

817172

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 805048 **DRILL LOG** HOLE NO. SR145.

LOCATION SEH. ESK CO-ORDINATES 21760 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.95	26.97	x			-				Brown gravel. Clasts angular quartz, subrounded oblate to angular sandstone. No trace of mineral		
2	4		1.80	34.66	x			-				As above. No trace of mineral		
4	6		3.70	31.66	x			-				Yellow brown clay (weathered basement?) No trace of mineral		
6	8		2.80									Brown siltstone. No trace of mineral		
8	10		4.60											
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

148

817173

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 806048

DRILL LOG

HOLE NO. SR146

LOCATION STH. ESK CO-ORDINATES 21840 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.50	26.48	x							Brown clay, medium to low tenacity. No trace of mineral		
2	4		4.00	26.82	13.2	0.354		78.5				Yellow brown slightly clayey gravel. Clasts subangular to angular quartz (possibly minor feldspar) subrounded and oblate sandstone and minor shale. One flake gold.		
4	6		6.00	26.52	0.197	0.005		1.2				Brown shale bagement. No trace of mineral		
6	8		5.50	44.46	0.006			0.1				Grey shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 39.2 m g Au/m³ (GRADE 2)

6 26.6

SMITH PRINT

149

817174

AUSTRALIAN ANGLO AMERICAN LTD. 8914: ST. PAULS EQ 907044

DRILL LOG

HOLE NO. SR147

LOCATION STH. ESK CO-ORDINATES 21920 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.50	27.04	0.074	Tr		Tr				Yellow brown gritty clay, low tenacity. No trace of mineral
2	4		2.25	25.09	x			-				Brown gravel with angular quartz. No trace of mineral
4	6		5.50	28.32	0.010	Tr		Tr				Grey shale. No trace of mineral
6	8		5.25									As above. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

150

817175

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 307049

DRILL LOG

HOLE NO. SR148

LOCATION STH. ESK CO-ORDINATES 22000 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.17	38.90	x			-				Red brown clay, low tenacity. No trace of mineral
2	4		4.50	36.89	0.523	0.019		4.3				Red brown coarse sand to gravel. Clasts angular quartz, subrounded to subangular sandstone. No trace of mineral
4	6		5.50	25.77	x			-				Brown shale. No trace of mineral
6	8		1.75									As above. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 2.1 g Au/m³ (GRADE 2)

SMITH PRI

817176

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 508 049

DRILL LOG

HOLE NO. SR149

LOCATION STH. ESK CO-ORDINATES 22080 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST E.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.50	37.41	x			-				Yellow brown gravel. Clasts angular quartz and subrounded to subangular sandstone. No trace of mineral		
2	4		1.60	30.12	0.017	Tr		Tr				As above. Trace ilmenite		
4	6		4.50	29.45	1.04	0.031		6.8				As above. Trace ilmenite		
6	8		3.00	99.53	x			-				Brown shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....6.....m .....2.3mg Au/m³ (GRADE 2)

SMITH PRINT

817177

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS GO 809050

DRILL LOG

HOLE NO. SR150

LOCATION STH. ESK CO-ORDINATES 22160 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		2.00	29.49	0.018	Tr		Tr				Yellow and grey clay, medium tenacity. No trace of mineral
2	4		3.40	27.47	x			-				Yellow and brown clayey gravel. Clasts angular quartz, subrounded to subangular sandstone. No trace of mineral
4	6		1.27	37.67	0.007	Tr		Tr				Brown and grey shale. No trace of mineral
6	8		1.60	88.96	0.003	Tr		Tr				As above. No trace of mineral
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

153

817178

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 8/0050

DRILL LOG

HOLE NO. SR151

LOCATION STH ESK CO-ORDINATES 22400 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T.	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.30	91.44	x			-				Yellow brown clayey gravel, clasts angular quartz with minor subrounded to subangular siltstone and sandstone. No trace of mineral		
2	4		3.00	55.78	x			-				As above. No trace of mineral		
4	6		8.00	89.04	0.003	Tr		Tr				Brown shale. No trace of mineral		
6	8											As above		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

154

817179

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 811051

DRILL LOG

HOLE NO. SR152

LOCATION STH. ESK CO-ORDINATES 22400 mE 24300 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.54ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 25.10.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.0	86.81	x							Brown clayey gravel. Clasts subangular quartz and sandstone. No trace of mineral		
2	4		3.0	46.25	0.110	0.005		1.1				As above. Trace ilmenite		
4	6		2.6	68.12	0.988	0.067		14.9				Brown shale. One flake gold, ilmenite		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 5.3 g Au/m³ (GRADE 2)

SMITH PRINT

155

817180

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 794070

DRILL LOG

HOLE NO. SR153

LOCATION STH. ESK CO-ORDINATES 21600 mE 25700 mN LINE .....

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST t.k.scott

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		6.25	35.84	0.008	Tr		Tr				Initially brown granule to pebble gravel.		
												Clasts quartz and shale, mainly subangular.		
												At 1.0m, yellow brown shale. No trace of		
												mineral		
2	4		8.40	39.94	x			-				Yellow brown shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817181

AUSTRALIAN ANGLO AMERICAN LTD. 5415: FORESTER EQ 795070

DRILL LOG

HOLE NO. SR154

LOCATION STH. ESK CO-ORDINATES 21680 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 12.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.25	27.25	0.010	Tr		Tr				Yellow brown clay. 1.5m yellow brown sandy clay, 1.75m red brown clay. No trace of mineral
2	4		7.25	38.18	0.014	Tr		Tr				Red brown shale, becomes yellow brown at 3.5m. No trace of mineral
4	6		9.10	39.10	0.163	0.006		1.4				Yellow brown shale. 5m light grey shale, 5.5m red brown to brown shale. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.5 mg Au/m³ (GRADE 2)

SMITH PRINT

157

817182

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORRESTER EQ 796070 **DRILL LOG** HOLE NO. SR155

LOCATION STH. ESK CO-ORDINATES 21760 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.80	45.78	0.017	Tr		Tr				Red brown mod. tenaceous clay. 1.5m light grey sandy clay. No trace of mineral		
2	4		6.50	41.45	0.013	Tr		Tr				Light grey clay. 2.5m yellow grey clayey sand 2.8m light grey granular gravel. Clasts angular quartz and sandstone. Trace ilmenite		
4	6		4.50	30.07	0.087	Tr		Tr				Yellow brown coarse sand to granular gravel. Clasts occasionally pebble size, all sub-angular to angular. Trace ilmenite		
6	8											Yellow brown gravel as above. 6.3m yellow brown to brown shale.		
8	10											Yellow brown shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

158

817183

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 747071

DRILL LOG

HOLE NO. SR156

LOCATION STH. ESK CO-ORDINATES 21840 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.62	45.23	x			-				Brown sandy clay, low tenacity. 1.5m yellow brown coarse sand to granular gravel. Clasts angular quartz and sandstone with minor clay matrix. Trace ilmenite
2	4		6.30	43.66	0.181	0.008		1.8				Yellow brown gravel as above. 3m yellow brown shale. No trace of mineral
4	6		5.00	38.03	0.014	Tr		Tr				Yellow brown shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....4.m .....0.8mg Au/m³ (GRADE 2)

SMITH PRINT

159

817184

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 798071 **DRILL LOG** HOLE NO. SR157

LOCATION STH. ESK CO-ORDINATES 21920 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE ..... 19.....

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST .....

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		5.50	39.16	0.013	Tr		Tr				Brown mod. tenaceous slightly sandy clay, red brown at 1.6m, then red at 1.9m. No trace of mineral
2	4		3.25	43.11	0.012	Tr		Tr				Red clay 3m red brown clayey granular gravel Clasts angular quartz and subangular sandstone Trace ilmenite 4.5m
4	6		5.60	34.63	0.022	Tr		Tr				Red brown gravel ~ red brown low tenacity clay 5m abundant angular quartz (quartz vein? [illegible]) pebbles with minor weathered shale. 5.2m yellow brown shale. No trace of mineral
6	8											Yellow brown shale
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

160

817185

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 799071

DRILL LOG

HOLE NO. SR158

LOCATION STH. ESK CO-ORDINATES 22080 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.00	31.37	x			-				Brown low tenacity clay. 1.5m red brown gritty clay. Trace ilmenite
2	4		3.12	32.10	2.33	0.075		16.6				Red brown clay. 2.5m red brown clayey granular gravel. Clasts subrounded -angular quartz and sandstone with minor sandstone 3.5m. yellow brown in colour. One flake gold, ilmenite.
4	6		4.37	40.92	0.006	Tr		Tr				As above. Clasts sandstone with minor quartz 5.7m brown siltstone-shale. No trace of mineral
6	8											Brown siltstone to shale
8	10											As above.
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

161

817186

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 799072

DRILL LOG

HOLE NO. SR159

LOCATION ...STH...ESK CO-ORDINATES 22160 ..... mE .....25700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD ...RCAB..... BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (l)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.35	43.41	x			-				Chocolate brown highly tenaceous clay. 1.5m yellow to red brown gritty clay, medium tenacity. No trace of mineral		
2	4		3.50	42.84	x			-				Red brown gritty clay, medium tenacity. 2.5 brown clayey granular gravel. Clasts angular quartz and sandstone. 3.6 medium grey, low tenacity sandy clay. Trace ilmenite		
4	6		5.95	55.85	x			-				Yellow brown clay. 4.5 brown siltstone to shale. No trace of mineral		
6	8											Yellow brown shale.		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... l

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817187

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 800072 **DRILL LOG**

HOLE NO SR160...

LOCATION STH...ESK CO-ORDINATES 22240..... mE .....26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.60	38.34	x			-				Brown sandy clay, medium tenacity. 1.5m yellow brown clayey sand. Clasts subrounded to angular quartz, siltstone and sandstone
												1.7m as above, clasts gravel. Trace ilmenite
2	4		5.60	41.58	0.006	Tr		Tr				Yellow brown clayey gravel. Clasts angular quartz and sandstone. 2.5m yellow brown clay 3.5m with siltstone and quartz clasts (quartz vein?) No trace of mineral (Maitland?)
4	6		4.50	53.65	0.005	Tr		Tr				Brown shale to siltstone. No trace of mineral
6	8											As above
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817188

AUSTRALIAN ANGLO AMERICAN LTD. 8415 ; FORESTER EQ 500072 **DRILL LOG**

HOLE NO. SR161

LOCATION STH. ESK CO-ORDINATES 22320 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT .....m DATE 13.1.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³ m	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.50	45.14	0.086	0.004		0.9				Black gritty clay, low tenacity. 0.75m
												brown mud, low tenacity. 1.1m brown clay,
												medium tenacity 1.9m yellow brown granular
												gravel. Clasts subangular to angular quartz
												with rounded to subangular sandstone and
												dolerite (?). Trace ilmenite
2	4		2.80	35.11	0.195	0.007		1.5				Gravel as above. Trace ilmenite
4	6		3.50	43.84	0.012	Tr		Tr				Gravel as above. 5.5m brown shale, 5.8m dark
												grey shale. No trace of mineral
6	8		5.00	44.29	0.012	Tr		Tr				Grey shale
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RAD F = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO ....4....m .....1.2g Au/m³ (GRADE 2)

SMITH PRINT

164

817189

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 800075 **DRILL LOG**

HOLE NO SR162

LOCATION STH. ESK CO-ORDINATES 22400 mE 26800 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.75	43.14	0.006	Tr		Tr				Brown/black clay, low tenacity. 1.6m brown/
												black sandy clay, low tenacity. Ilmenite
2	4		1.75	50.94	x	-		-				Brown/black sandy clay. 2.4m brown/black
												granular to pebbly gravel. Clasts subrounded
												to angular quartz, rounded to subangular
												sandstone, siltstone and dolerite. 3.5m
												light grey siltstone. Ilmenite
4	6		5.95	49.07	x	-		-				Dark grey siltstone to shale. No trace of
												mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

165

817190

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 801075

DRILL LOG

HOLE NO. SR163

LOCATION STH. ESK CO-ORDINATES 22480 mE 26800 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	34.56	X	—		-				Dark brown/black clayey soil. Trace ilmenite		
2	4		1.80	38.05	0.055	0.002		0.5				Dark brown/black clayey soil. 2.1m dark		
												brown/black granule pebble gravel. Clasts		
												subrounded to angular quartz and rounded to		
												subangular sandstone with minor granodiorite		
												Trace ilmenite		
4	6		5.00	39.54	7.27	0.287		63.7				As above. 4.4m dark grey siltstone-shale.		
												No trace of mineral		
6	8			44.61	0.006			0.1				Dark grey siltstone-shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 21.4 g Au/m³ (GRADE 2)

SMITH PRINT

166

817191

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 802074 **DRILL LOG**

HOLE NO. SR164

LOCATION STH. ESK CO-ORDINATES 22560 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.82	45.03	x			-				Brown clay, low tenacity. Trace ilmenite		
2	4		2.00	27.41	0.441	0.012		2.7				As above until 2.9m grey coarse sand to granular gravel. Clasts angular quartz and subrounded to subangular sandstone. 3.9m brown siltstone to shale. Trace ilmenite		
4	6		5.60	54.53	0.037	Tr		Tr				Brown siltstone with rare quartz vein material No trace of mineral		
6	8											As above		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

167

817192

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 803074 **DRILL LOG** HOLE NO. SR165

LOCATION STH. ESK CO-ORDINATES 22640 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.90	29.80	0.026	Tr		Tr				Brown/black clay, low to medium tenacity. No trace of mineral		
2	4		1.50	61.37	x			-				As above until 2.9m grey coarse sand to granular gravel. Clasts subangular to angular quartz with subrounded to subangular sandstone and minor dolerite. Trace ilmenite		
4	6		1.57	41.23	0.087	0.004		0.8				As above to 5m. Brown siltstone to shale becoming dark grey at 5.8m. No trace of mineral		
6	8											Dark grey shale		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.3 mg Au/m³ (GRADE 2)

SMITH PRINT

168

817193

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 803075

DRILL LOG

HOLE NO. SR166

LOCATION STH...ESK CO-ORDINATES 22720 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE: C	N	T	C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE: G-GRIT S-SAND ST-SILT	T-TENACITY: H-HIGH M-MEDIUM L-LOW
0	2		0.75	27.95	x			-				Dark brown sandy clay, low tenacity. No trace of mineral		
2	4		0.52	45.62	x			-				As above until 2.8m. Brown granular to pebble gravel. Clasts subrounded to angular sandstone with minor quartz and dolerite. No trace of mineral		
4	6		1.50	36.29	0.014	Tr		Tr				As above until 4.4m. Dark grey moderately indurated sandstone to shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRIN

169

817194

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ805075

DRILL LOG

HOLE NO. SR167

LOCATION STH. ESK CO-ORDINATES 22800 mE 26700 mN LINE

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE m R.L. BASEMENT m DATE 13.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (Mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.20	40.44	0.032	Tr		Tr				Brown clay, low tenacity. 1.8m brown		
												granular gravel. Clasts rounded to subangular		
												sandstone and shale with minor angular		
												quartz and dolerite. No trace of mineral		
2	4		1.50	32.65	0.008	Tr		Tr				Gravel as above with minor woody material		
												Trace ilmenite		
4	6		2.50	37.57	0.007	Tr		Tr				As above; brown/grey shale at 4.9m. No trace		
												of mineral		
6	8											Grey shale		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

170

817195

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ806076

DRILL LOG

HOLE NO. SR168

LOCATION STH ESK CO-ORDINATES 22880 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T. K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.45	35.08	x			-				Dark brown gritty clay, low tenacity, 1.5m brown clayey granular to pebble gravel. Clasts subangular to angular quartz, sub-rounded to subangular sandstone with minor dolerite. Trace ilmenite		
2	4		0.75	47.71	x			-				Gravel as above. Trace ilmenite		
4	6		4.50	42.25	0.038	Tr		Tr				Gravel as above until 4.1m then brown sandy shale becoming dark grey at 5m. No trace of mineral		
6	8											Dark grey sandy shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

171

817196

AUSTRALIAN ANGLO AMERICAN LTD. SEE: FORESTER EQ 806076

DRILL LOG

HOLE NO. SR169

LOCATION S/H ESK CO-ORDINATES 22960 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.15	37.42	x			-				Brown slightly sandy clay, low tenacity.
												1.3m brown clayey granular to pebble gravel
												with clasts predominantly subrounded to
												subangular sandstone with subequeal quantity
												of subangular to angular quartz with minor
												siltstone. No trace of mineral
2	4		0.15	40.33	0.006	Tr		Tr				Brown gravel as above. No trace of mineral
4	6		2.20	36.71	x			-				As above. 5.2m light grey sandy shale.
												5.8m dark grey sandy shale. No trace of
												mineral
6	8											Dark grey sandy shale.
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

172

817197

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 807076

DRILL LOG

HOLE NO. SR170

LOCATION STH. ESK CO-ORDINATES 23040 mE 26700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.40	21.66	x			–				Dark brown slightly sandy clay, low to medium tenacity. No trace of mineral
2	4		2.10	30.98	x			–				As above. 3.9m brown to grey clayey shale to pebbly gravel with subrounded to subangular sandstone with subequal quantity of subangular quartz with minor granodiorite No trace of mineral
4	6		3.50	52.80	x			–				Gravel as above. 4.9m dark grey sandy shale with minor quartz veins. No trace of mineral
6	8											Grey sandy shale.
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

173

817198

AUSTRALIAN ANGLO AMERICAN LTD. 84 IS: FORESTER EQ 797055

DRILL LOG

HOLE NO. SR171

LOCATION STH. ESK CO-ORDINATES 21280 mE 25400 mN LINE

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE m R.L. BASEMENT m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.75	35.38	0.196	0.007		1.5				Brown sandy clay, low to medium tenacity.		
												No trace of mineral		
2	4		5.25	32.14	0.132	0.004		0.9				As above. 3m brown shale. No trace of		
												mineral		
4	6		7.00	43.42	x			–				Brown shale. No trace of mineral		
6	8											As above		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 1.2 m g Au/m³ (GRADE 2)

SMITH PRINT

817199

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ: 748055 **DRILL LOG** HOLE NO. SR172

LOCATION STH. ESK CO-ORDINATES 21360 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.85	53.53	0.029	Tr		Tr				Brown gravel of sandstone. 0.3m brown sandy clay, medium tenacity. No trace of mineral		
2	4		4.90	36.31	x			-				Clay as above. 3m brown granular gravel. Clasts subangular to angular quartz and subangular sandstone to shale. 3.5m brown sandy shale. No trace of mineral		
4	6		4.55	38.87	x			-				Brown sandy shale. No trace of mineral		
6	8											As above		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

175

817200

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 795055

DRILL LOG

HOLE NO SR173...

LOCATION STH. ESK CO-ORDINATES 21440 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.50	29.83	x			-				Brown granular gravel. Clasts subangular quartz and subrounded to subangular sandstone to shale. 0.5m brown sandy clay, medium tenacity. Trace ilmenite
2	4		4.20	29.59	0.01	Tr		Tr				Brown clay as above. 3.2m brown weathered clayey shale. No trace of mineral
4	6		4.90	50.92	x			-				Brown sandy shale. No trace of mineral
6	8											As above
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

176

817201

AUSTRALIAN ANGLO AMERICAN LTD. 9415 : FORESTER EQ799056 **DRILL LOG**

HOLE NO. SR174

LOCATION STH. ESK CO-ORDINATES 21520 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD. Fire/AAS GEOLOGIST. T.K. SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (Mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.62	43.35	0.030	Tr		Tr				Brown granular gravel. Clasts mainly angular to subrounded sandstone to shale with subangular to angular quartz. 1m brown sandy clay, medium tenacity. Trace of ilmenite
2	4		4.00	38.79	x			–				Brown sandy clay as above. 2.3m brown granular gravel. Clasts angular quartz and subrounded to subangular sandstone to shale 3.8m brown sandy shale. No trace of mineral
4	6		4.00	38.74	x			–				Brown sandy shale with abundant quartz vein material in places. No trace of mineral
6	8											As above
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

177

817202

AUSTRALIAN ANGLO AMERICAN LTD. 8415, FORESTER EA 800056

DRILL LOG

HOLE NO. SR175

LOCATION STH. ESK CO-ORDINATES 21600 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.1.19.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.25	42.64	x			-				Brown clayey gravel. Clasts subrounded to subangular sandstone to shale with minor subangular to angular quartz. No trace of mineral		
2	4		4.90	37.30	x			-				As above. 3.8m brown shale. No trace of mineral		
4	6		5.95	46.46	x			-				Brown to grey shale. No trace of mineral		
6	8											As above.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

178

817203

AUSTRALIAN ANGLO AMERICAN LTD. 8415; FORESTER EQ 801056

DRILL LOG

HOLE NO. SR176

LOCATION STH. ESK CO-ORDINATES 21680 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST t.k.scott

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.50	44.39	x			-				Grey brown clayey granular gravel. Clasts subrounded to subangular sandstone with subangular to angular quartz. 1m brown clay, medium tenacity. 1.7m red brown clayey gravel (granular). Clasts mainly subrounded to subangular sandy shale to sandstone. No trace of mineral		
2	4		3.00	33.50	x			-				Red brown gravel as above. No trace of mineral		
4	6		2.75	33.34	x			-				As above with minor granodiorite clasts. No trace of mineral		
6	8											As above to 6.2m. Abundant quartz vein material (basement) 7.1m brown sandy shale.		
8	10											Brown sandy shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

179

817204

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 801056

DRILL LOG

HOLE NO. SR177

LOCATION STH. ESK CO-ORDINATES 21760 mE 25400 mN LINE PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE m R.L. BASEMENT m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	51.20	x			-				Brown clayey gravel. Clasts subrounded to angular sandy shale and sandstone, subangular to angular quartz. 1.5m red brown colour. No trace of mineral
2	4		4.00	37.57	x			-				Red brown gravel as above. 2.3m yellow clay, medium tenacity 2.7m brown gravel of sandy siltstone clasts. 2.9m grey clay, medium tenacity. No trace of mineral
4	6		4.90	36.03	x			-				White/grey clay, medium tenacity. 5.5m white/grey clayey gravel. Clasts oblate subrounded shale. No trace of mineral
6	8											Clayey gravel as above to 6.9m. Yellow brown shale with minor quartz vein material
8	10											Brown shale as above.
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRIN

180

817205

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 802057 **DRILL LOG** HOLE NO SR178

LOCATION STH. ESK CO-ORDINATES 21540 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.25	37.60	x			-				Brown granular to pebble gravel. Clasts angular quartz predominantly a subrounded, occasionally rounded to subangular shale to sandstone. 0.5m red brown clayey gravel as above. No trace of mineral		
2	4		4.90	41.37	x			-				Red brown clayey gravel as above. No trace of mineral		
4	6		2.25	30.37	x			-				As above. Trace ilmenite		
6	8		1.75	30.62	x			-				As above. Trace ilmenite		
8	10		4.90	36.90	x			-				Brown shale. No trace of mineral		
10	12											As above.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

181

817206

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EL 803 057 **DRILL LOG**

HOLE NO SR179...

LOCATION STH. ESK CO-ORDINATES 21920 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT .....m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.35	39.05	x	-		-				Brown clayey granular gravel. Clasts sub-		
												angular sandstone to shale and minor sub-		
												angular to angular quartz. 1.2m becomes red		
												brown clayey gravel. No trace of mineral		
2	4		4.90	38.14	x	-		-				As above. No trace of mineral		
4	6		3.32	39.59	x	-		-				As above. 5.6m grey clay, low tenacity.		
												5.8m red brown clayey gravel. Clasts as		
												above. No trace of mineral		
6	8		3.00	33.96	3.00	0.102		22.6				As above. No trace of mineral		
8	10		5.95	38.04	x	-		-				As above to 8.9m Brown shale. No trace mineral		
10	12		5.77	32.92	x	-		-				Brown shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....8m 5.6 mg Au/m³ (GRADE 2)

182

817207

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 804057 **DRILL LOG**

HOLE NO. SR180

LOCATION STH. ESK CO-ORDINATES 22000 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.87	39.68	x			-				Brown clayey to sandy gravel. Clasts sub-rounded to subangular sandstone and shale with subangular quartz. 0.8m red brown gravel as above. 1.8 white and grey clay, low tenacity. No trace of mineral
2	4		4.20	37.90	0.593	0.022		5.0				White and grey clay, low tenacity. 2.2m red brown clayey gravel. Clasts as above. Trace of ilmenite
4	6		3.20	38.12	x			-				Red brown clayey gravel as above. No trace of mineral
6	8		3.75	35.72	x			-				Red brown clayey gravel. No trace of mineral
8	10		4.20	23.21	x			-				Brown shale. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 4 m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2.5 m .....g Au/m³ (GRADE 2)

183

817208

AUSTRALIAN ANGLO AMERICAN LTD. S415 ; FORESTER EG 804058

DRILL LOG

HOLE NO. SR181

LOCATION STH. ESK CO-ORDINATES 22080 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 14.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 ag Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.57	26.73	0.010	Tr		Tr				Dark brown clay, medium tenacity. 1.8m white/ grey clay, medium tenacity. 1.9m red brown clay. No trace of mineral
2	4		3.75	31.51	0.017	Tr		Tr				As above. 2.2m red brown clayey granular gravel. Clasts subrounded to subangular sandstone and shale and subangular to angular quartz. Trace of ilmenite
4	6		3.50	26.82	0.365	0.010		2.2				As above. Trace of ilmenite
6	8		5.95	50.97	x			-				Yellow brown clay, medium tenacity. 7.9m yellow brown shale with quartz vein material. Trace of ilmenite
8	10											Brown shale.
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ... g Au

GRADE 1 FROM SURFACE TO .....m ..... g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 0.7 m g Au/m³ (GRADE 2)

SMITH PRINT

817209

AUSTRALIAN ANGLO AMERICAN LTD. 8915: FORESTER EQ 805058

DRILL LOG

HOLE NO. SR182

LOCATION STH. ESK CO-ORDINATES 22160 mE 25400 mN LINE

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE m R.L. BASEMENT m DATE 19.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD mg(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.15	30.75	x	-		-				Dark brown clayey granular gravel. Clasts subangular to angular quartz and subrounded to subangular sandstone to shale. 1m red brown in colour. No trace of mineral		
2	4		5.60	35.57	0.289	0.010		2.3				Red brown clayey gravel as above. Trace ilmenite		
4	6		3.75	36.74	3.01	0.110		24.5				As above Trace ilmenite.		
6	8		4.20	26.87	x	-		-				As above. Trace ilmenite		
8	10		4.25	37.64	x	-		-				As above to 9.2m brown shale. No trace of mineral		
10	12											Brown shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED. BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 6 m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m 8.9 mg Au/m³ (GRADE 2)

SMITH PRINT

185

817210

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 806058

DRILL LOG

HOLE NO. 183
PAGE 1 of 1

LOCATION STH. ESK CO-ORDINATES 22240 mE 25400 mN LINE
DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE m R.L. BASEMENT m DATE 19.11.81
DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		1.50	46.56	x	-		-				Brown clayey granular gravel. Clasts/angular to angular quartz and rounded to subangular sandstone to shale. 1m yellow to red brown clayey gravel. 1.8m red brown clay, low tenacity. No trace of mineral
2	4		3.25	46.49	0.230	0.011		2.4				Red brown clay, low tenacity. 2.2. red brown gravelly clay. Clasts sub-angular to angular quartz and subrounded to subangular sandstone to shale. No trace of mineral
4	6		5.80	47.91	1.13	0.054		12.0				As above. 4.5m grey gravelly clay, clasts as above. 4.7m brown gravelly clay, clasts as above. 5.2m grey brown clayey granular gravel, clasts as above. One flake of gold
6	8		1.35	39.11	1.03	0.040		8.9				Grey brown clayey granular gravel, clasts as above. Trace of ilmenite
8	10		3.37	43.38	x	-		-				As above, to 8.9m . Brown shale. No trace of mineral
10	12											Brown shale.
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%
N-NATURE: G-GRIT S-SAND ST-SILT
T-TENACITY: H-HIGH M-MEDIUM L-LOW sub

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ
TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)
GRADE 2 FROM SURFACE TO 8 m 5.8 m g Au/m³ (GRADE 2)

SMITH PRINT

186

817211

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER 50 806058 **DRILL LOG**

HOLE NO. SR184

LOCATION STH. ESK CO-ORDINATES 22320 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 19.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST .....

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.45	37.78	x	-		-				Dark brown granular gravel. Clasts mainly angular quartz, minor subrounded sandstone		
												1.6m red brown clay, medium tenacity. No trace of mineral		
2	4		3.25	36.40	x	-		-				Red brown clay, medium tenacity. Trace of ilmenite		
4	6		3.25	41.94	1.79	0.075		16.6				Red brown clay to 4.2m Brown coarse sand to granular clayey gravel. Clasts subangular to angular quartz, rounded to subangular sandstone and shale with minor dolerite. One flake of gold.		
6	8			50.99	x	-		-				As above		
8	10			39.04	1.79			15.5				As above to 8.9m. Brown to grey sandy shale		
10	12											Grey sandy shale		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 5.5 m g Au/m³ (GRADE 2)

SMITH PRINT

817212

AUSTRALIAN ANGLO AMERICAN LTD. 6415, FORESTER EQ 807 059

DRILL LOG

HOLE NO. SR185

LOCATION STH. ESK CO-ORDINATES 22400 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.87	44.34	x			–				Brown granular gravel. Clasts subangular to angular quartz with subrounded to subangular sandstone to shale. 0.8 brown clay, medium to low tenacity. Trace of ilmenite		
2	4		3.37	32.93	x			–				Yellow brown clayey coarse sand to granular gravel. Clasts subangular to angular quartz subrounded to subangular sandstone to shale. 2.2m red brown colour 3.4m brown colour. Trace of ilmenite		
4	6		3.75	40.21	x			–				Brown clayey coarse sand to gravel as above. 4.6m brown shale with minor quartz vein material. No trace of material		
6	8											Grey shale		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

188

817213

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EG 803059 **DRILL LOG**

HOLE NO. SR186

LOCATION STH. ESK CO-ORDINATES 22480 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.5ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 19.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.57	39.53	x			-				Brown clayey, granular gravel. Clasts sub-		
												angular to angular quartz and subrounded		
												sandstone to shale. Trace ilmenite		
2	4		2.87	40.47	x			-				As above. Trace ilmenite		
4	6		5.50	30.98	x			-				As above to 4.4m Brown sandy shale. No trace		
												of mineral		
6	8											Brown sandy shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817214

AUSTRALIAN ANGLO AMERICAN LTD. BAIS: FORESTER EQ809059 **DRILL LOG** HOLE NO. SR187

LOCATION STH. ESK CO-ORDINATES 22560 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire.AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY-SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.10	32.49	0.058	0.002		0.4				Yellow brown gravelly clay, medium tenacity.
												Clasts mainly angular quartz.
												1.5m yellow brown clayey granular gravel.
												Clasts subangular to angular quartz and
												subrounded to subangular sandstone to shale.
												Trace ilmenite
2	4		3.50	47.93	7.71	0.370		81.9				Clayey gravel as above. 2.5m red brown colour
												2.8 yellow brown colour, 3.8m pink colour.
												Gold
4	6		2.40	42.24	0.068	Tr		Tr				Pink coarse gravel as above. 4.2m brown colour
												4.5, pink sandy shale, 4.7 brown sandy shale
												No trace of mineral
6	8											Brown sandy shale.
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 4 m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m 41.1 mg Au/m³ (GRADE 2)

SMITH PRINT

190

817215

AUSTRALIAN ANGLO AMERICAN LTD. 5415 : FORESTER EQ 809 060 **DRILL LOG**

HOLE NO. SR188

LOCATION STH. ESK CO-ORDINATES 22540 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		0.52	42.18	x			-				Brown gravelly clay, low tenacity. Clasts
												subangular quartz
												1.5m yellow brown clayey granular gravel,
												clasts subangular to angular quartz, subrounde
												to subangular sandstone to shale. No trace
												of mineral
2	4		3.00	39.17	1.06	0.042		9.2				As above. 3.8m brown in colour. One flake of
												gold
4	6		4.00	45.69	x			-				As above (brown colour). 4.5m pink colour
												5.2m yellow brown shale with quartz vein
												material. No trace of mineral
6	8											Yellow brown shale with minor quartz vein
												material
					End	of	Hole					

C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE G-GRIT S-SAND ST-SILT

T-TENACITY H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....4.....m .....4.5m.....g Au/m³ (GRADE 2)

SMITH PRINT

817216

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 810060

DRILL LOG

HOLE NO. SR189

LOCATION STH. ESK CO-ORDINATES 22720 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.50	36.51	x			-				Dark brown clayey gravel. Clasts subangular quartz		
												0.5m yellow brown clay, medium tenacity		
												1.8m yellow brown clayey granular gravel. Clasts subangular to angular quartz and sub-		
												rounded to subangular sandstone to shale. Trace ilmenite		
2	4		3.50	38.16	x			-				Clayey gravel as above. Trace ilmenite		
4	6		3.30	40.48	x			-				As above. 4.5m grey brown shale. No trace of mineral		
6	8											Grey brown shale		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

192

817217

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 811061

DRILL LOG

HOLE NO. SR190

LOCATION STH. ESK CO-ORDINATES 22800 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 19.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T.	
0	2		2.45	35.62	x			-				Dark brown clayey gravel. Clasts subangular quartz
												0.8m yellow brown clay, medium tenacity.
												No trace of mineral
2	4		3.25	35.33	x			-				Yellow brown clay as above.
												2.4m yellow brown clayey coarse sand to
												granular gravel. Clasts subangular to
												angular quartz, subrounded to subangular
												sandstone to shale. No trace of mineral
4	6		4.20	33.23	x			-				As above (gravel) 5.9m yellow brown shale
												No trace of mineral
6	8											Yellow brown shale.
					End	of	Hole					

C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE G-GRIT S-SAND ST-SILT

T-TENACITY H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

193

817218

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 511061

DRILL LOG

HOLE NO. SR191

LOCATION STH. ESK CO-ORDINATES 22880 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	49.01	x			-				Brown clayey granular gravel. Clasts sub-		
												angular to angular quartz with subrounded to		
												subangular sandstone to shale with minor		
												granodiorite and dolerite.		
												1.0m grey clayey granular gravel, clasts as		
												above. No trace of mineral		
2	4		0.90	37.57	x			-				As above (gravel). Trace ilmenite		
4	6		2.10	37.39	x			-				Dark grey sandy indurated shale. No trace		
												of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

194

817219

AUSTRALIAN ANGLO AMERICAN LTD. 8414 ST. PAULS EQ 803034 **DRILL LOG**

HOLE NO. SR192.

LOCATION STH. ESK CO-ORDINATES 21120mE 23400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.50	31.18	x			-				Yellow brown clay, low tenacity. No trace of mineral. 1.8m yellow brown shale		
2	4		0.90	39.44	x			-				Yellow brown shale No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

195

817220

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 803039 **DRILL LOG** HOLE NO. SR193

LOCATION STH. ESK CO-ORDINATES 21200 mE 23400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.10	28.43	x			-				Yellow brown clay, low tenacity. No trace		
												of mineral		
2	4		3.67	33.80	x			-				Yellow brown clay as above. low tenacity.		
												1.5m white/grey clay. No trace of mineral		
4	6		4.00	33.54	0.008	Tr		TR				Yellow brown shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

196

817221

AUSTRALIAN ANGLO AMERICAN LTD. 8414, ST. PAULS EQ. 804 039

DRILL LOG

HOLE NO. SR194

LOCATION STH. ESK CO-ORDINATES 21280 mE 23400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.54ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		2.25	26.38	x			-				Yellow brown clay, low tenacity. 1.5m brown
												shale. No trace of mineral
2	4		7.40	41.20	x			-				Brown shale. No trace of mineral
					End	of	Hole					

C-CLASS
S-SAND-75-100% SC-SANDY CLAY-25-49%
CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT, S-SAND, ST-SILT

T-TENACITY: H-HIGH, M-MEDIUM, L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

197

817222

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 8040 39 **DRILL LOG**

HOLE NO. SR195

LOCATION STH. ESK CO-ORDINATES 21350 mE 23400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.50	31.76	x			-				Yellow brown clay, low tenacity. No trace of mineral		
2	4		3.00	46.50	0.027	Tr		Tr				As above to 2.5m. Yellow brown clayey granular gravel. Clasts angular quartz. 3.6 red brown colour. No trace of mineral		
4	6		6.12	42.50	x			-				Red brown gravel as above. 4.2 red brown clay, low tenacity 5.1 red brown shale 5.8 brown shale. No trace of mineral		
6	8											Brown shale.		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

198

817223

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 80 5039

DRILL LOG

HOLE NO. SR196

LOCATION STH. ESK CO-ORDINATES 21440 mE 23400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.12	36.33	0.007	Tr		Tr				Red brown coarse sand to granular gravel.		
												Clasts subangular to angular quartz and		
												subrounded to subangular sandstone to shale		
												No trace of mineral		
2	4		4.32	37.48	x	-		-				As above. 2.1m yellow brown colour.		
												2.7 yellow brown clay, medium tenacity		
												2.9 grey colour, 3.5 yellow to grey gravelly		
												clay, clasts predominantly quartz. No trace		
												of mineral		
4	6		3.50	45.59	x	-		-				Yellow to grey gravelly clay as above.		
												5.5 yellow brown sandy shale. No trace of		
												mineral		
6	8											Yellow brown sandy shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817224

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 806039

DRILL LOG

HOLE NO. SR197

LOCATION STH ESK CO-ORDINATES 21520 mE 23400 mN LINE

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE m R.L. BASEMENT m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.92	45.12	x	-		-				Brown clayey granular gravel, clasts sub-		
												angular to angular quartz and subrounded to		
												subangular sandstone to shale.		
												1.5m yellow brown clay, low tenacity		
												No trace of mineral		
2	4		3.50	39.35	0.020	Tr		Tr				Light grey clay, low tenacity.		
												3.8m grey sandy shale		
												No trace of mineral		
4	5		2.62	40.49	0.006	Tr		Tr				Grey sandy shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

200

817225

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 80C042 **DRILL LOG**

HOLE NO. SR198

LOCATION STH...ESK CO-ORDINATES 21600 mE 23750 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	25.10	x			-				Brown clayey granular to pebbly gravel. Clasts predominantly subrounded to subangular sandstone to shale with subangular to angular quartz. No trace of mineral		
2	4		1.87	36.12	x			-				As above. No trace of mineral		
4	6		3.50	34.32	0.008	Tr		Tr				As above. Red brown colour at 4.2m . Rounded quartz granule at 4.5m. No trace of mineral		
6	8		3.50	42.56	x			-				As above. 6.8m grey clay, medium tenacity. 7.9m brown sandy shale. No trace of mineral		
8	10		4.20	45.70	x			-				Brown sandy shale. No trace of mineral		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817226

AUSTRALIAN ANGLO AMERICAN LTD. S414: ST PAULS EQ 807042

DRILL LOG

HOLE NO. SR199

LOCATION STH. ESK CO-ORDINATES 21680 mE 23700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.00	33.76	x			-				Brown gravelly clay, low tenacity. No trace of mineral
2	4		1.05	34.25	x			-				Brown clayey granular to pebbly gravel. Clasts subangular to angular quartz and subrounded to subangular sandstone. 3.2 red brown, 3.8 brown. No trace of mineral
4	6		5.25	41.19	x			-				Brown clayey gravel as above. 5.5 grey clay, low tenacity. No trace of mineral
6	8		5.25	45.85	0.779	0.036		7.9				Grey clay as above. 6.8 red brown, 7.6 red brown shale. No trace of mineral
8	10		7.003	1.43	x			-				Red brown shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m 2.0m g Au/m³ (GRADE 2)

SMITH PRINT

202

817227

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EG 805042

DRILL LOG

HOLE NO. SR200

LOCATION STH. ESK CO-ORDINATES 21760 mE 23650 mN LINE PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE m R.L. BASEMENT m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.J SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.80	40.01	0.007	Tr		Tr				Red brown clay, medium to high tenacity. No trace of mineral
2	4		4.20	32.23	x	-		-				As above to 2.2. Brown clayey granular gravel, clasts subrounded (occasionally rounded) to angular quartz, subrounded to subangular sandstone to shale.
												2.8 brown grey clay, medium tenacity
												3.5 brown clayey granular gravel as above.
												No trace of mineral
4	6		2.80	31.20	x	-		-				As above (gravel) 5.5 brown shale. No trace of mineral
6	8		4.55	38.50	x	-		-				Brown shale. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817228

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 808 043

DRILL LOG

HOLE NO. SR201

LOCATION STH. ESK CO-ORDINATES 21840 mE 23600 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.00	27.36	x			-				Brown clay, medium to high tenacity		
												1.3 brown clayey granular gravel. Clasts		
												subrounded to angular quartz and subrounded		
												to subangular sandstone to shale. No trace		
												of mineral		
2	4		3.00	44.94	x			-				As above to 3.8. Brown grey clay, medium		
												tenacity. No trace of mineral		
4	6		4.00	39.11	x			-				Brown grey clay, medium tenacity. 5.1 brown		
												clayey granular gravel, clasts as above.		
												No trace of mineral		
6	8		3.32	42.76	x			-				As above. 7.8 brown sandy shale. No trace of		
												mineral		
8	10											Brown sandy shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817229

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST PAULS EG 809043

DRILL LOG

HOLE NO. SR202

LOCATION STH...ESK CO-ORDINATES 21920 mE 23550 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.40	36.39	x	-		-				Brown clay, medium to high tenacity
												0.8 brown clayey coarse sand to gravel. Clasts
												subangular to angular quartz, subrounded to
												subangular sandstone to shale. No trace of
												mineral
2	4		3.50	32.68	0.104	0.003		0.7				As above. 2.8 red brown colour. No trace of
												mineral
4	6		2.75	33.79	x	-		-				Brown clayey granular gravel, clasts as
												above. Trace ilmenite
6	8		2.10	26.38	x	-		-				As above. 7.8 brick red shale. Trace
												ilmenite
8	10		4.90	44.18	x	-		-				Brick red shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m 0.3 m .....g Au/m³ (GRADE 2)

SMITH PRINT

817230

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 81004

DRILL LOG

HOLE NO. SR203

LOCATION STH. ESK CO-ORDINATES 22000 mE 23800 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.75	32.31	x			—				Brown clay, medium tenacity.
												1.5, brown clayey granular to pebbly gravel.
												Clasts angular to subangular quartz, sub-
												rounded to subangular sandstone to shale
												and minor dolerite. No trace of mineral
2	4		3.75	27.38	0.152	0.004		0.9				As above. 3.8 grey brown clay, medium
												tenacity. No trace of mineral
4	6		4.20	39.80	0.294	0.012		2.6				Grey brown clay, medium tenacity.
												5.1 brown clayey granular gravel. Clasts as
												above. No trace of mineral
6	8		2.75	32.90	1.56	0.055		12.1				Brown clayey granular gravel as above. One
												flake gold, ilmenite
8	10			35.09	0.054	0.002		0.4				As above. Trace ilmenite
10	12		4.90	49.70	2.55	0.132		29.2				As above. 10.8 brown sandy shale. No trace
												of mineral
12	14			38.42	0.014			0.1				Brown sandy shale.
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 12 m 7.5 mg Au/m³ (GRADE 2)

SMITH PRINT

206

817231

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 811043

DRILL LOG

HOLE NO. SR204

LOCATION STH. ESK CO-ORDINATES 22080 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY-SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.20	39.82	x	-		-				Brown clay, medium tenacity.
												1.2 yellow brown clayey granular gravel.
												Clasts subangular to angular quartz and
												subrounded to subangular sandstone to shale.
												No trace of mineral
2	4		3.50	29.34	1.54	0.045		10.0				Gravel as above, high clay content. No
												trace of mineral
4	6		1.65	36.16	x	-		-				As above. No trace of mineral
6	8		2.50	36.72	x	-		-				As above. No trace of mineral
8	10		1.75	25.39	89.7	2.277		504.8				As above. 9.8 brown sandy shale. Gold
10	12		2.50	31.37	1.42	0.045		9.9				Brown sandy shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 10m 103.0 g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 12m 87.4 g Au/m³ (GRADE 2)

SMITH PRINT

207

817232

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 811043

DRILL LOG

HOLE NO. SR205

LOCATION STH. ESK CO-ORDINATES 22160 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY-SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.57	40.92	x	-		-				Brown clay, medium tenacity.
												0.8 brown clayey granular gravel, clasts
												subangular to angular quartz with subrounded
												to subangular sandstone to shale and minor
												dolerite. No trace of mineral
2	4		4.25	29.00	x	-		-				As above. No trace of mineral
4	6		2.25	48.27	x	-		-				As above. Trace ilmenite
6	8		1.80	33.19	0.454	0.015		3.3				As above. 7.8m brown sandy shale. Trace
												ilmenite
8	10		3.00	33.81	x	-		-				Brown sandy shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ... g Au

GRADE 1 FROM SURFACE TO 8 m ..... g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 8 m 0.8 mg Au/m³ (GRADE 2)

SMITH PRINT

208

817233

AUSTRALIAN ANGLO AMERICAN LTD. E414 ; ST. PAULS EQ 812044

DRILL LOG

HOLE NO. SR206

LOCATION STH. ESK CO-ORDINATES 22240 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.00	39.51	x	-		-				Brown clay, medium to low tenacity. No trace of mineral
2	4		0.67	38.47	x	-		-				As above. 2.2 grey coarse sand to granular gravel. Clasts subangular to angular quartz subrounded to subangular sandstone to shale and minor granodiorite and dolerite. Trace ilmenite
4	6		3.00	51.31	15.0	0.770		170.6				As above (brown) 5m grey shale. One flake gold, ilmenite
6	8		4.20	44.98	x	-		-				Dark grey shale. No trace of mineral
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....6.....m .....56.8 m.g Au/m³ (GRADE 2)

SMITH PRINT

817234

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 813544

DRILL LOG

HOLE NO. SR207

LOCATION STH. ESK CO-ORDINATES 22320 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 15.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		0.75	47.05	0.145	0.007		1.5				Brown clayey granular to pebbly gravel. Clasts subangular to angular sandstone and subrounded to subangular sandstone to shale and dolerite. No trace of mineral
2	4		3.00	39.24	0.363	0.014		3.2				As above. Trace ilmenite
4	6		0.60	41.10	2.85	0.117		26.0				As above. One flake gold
6	8		1.65	56.18	12.0	0.674		149.4				As above 6.8m dark grey shale. One flake gold
8	10		5.60	35.99	0.014	Tr		0.1				Dark grey shale. No trace of mineral
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....8.m .....45.0..mg Au/m³ (GRADE 2)

SMITH PRINT

210

817235

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 81/3044 **DRILL LOG** HOLE NO. SR208

LOCATION STH. ESK CO-ORDINATES 22400 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 99.9 mm THEORETICAL VOLUME 5.6l R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.75	48.94	x			-				Brown clayey granular to pebbly gravel. Clasts subrounded to angular quartz, sub-rounded to subangular sandstone and dolerite 1.2 brown colour. Trace ilmenite
2	4		2.50	41.67	0.303	0.013		2.8				Brown gravel as above. Trace ilmenite
4	6		2.00	43.34	5.03	0.218		48.3				As above. 5.6m dark grey weathered shale. Gold, ilmenite
6	8		3.00	45.70	0.072	0.003		0.7				Dark grey shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 17.0 mg Au/m³ (GRADE 2)

SMITH PRINT

211

817236

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 814044

DRILL LOG

HOLE NO. SR209

LOCATION STH. ESK CO-ORDINATES 22480 mE 23500 mN LINE

PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE m R.L. BASEMENT m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHED S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		1.05	57.43	1.26	0.072		16.0				Grey clayey granular to pebbly gravel. Clasts subangular to angular quartz, subrounded sandstone and minor dolerite. Trace ilmenite
2	4		1.05	42.73	0.032	0.001		0.3				As above. 3.8m brown gravel as above. Trace ilmenite
4	6		3.50	47.29	x	-		-				Brown gravel as above. 4.5m brown sandy shale No trace of mineral
6	8		3.25									Brown sandy shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 2 m 16.0 m g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m ..... g Au/m³ (GRADE 2)

SMITH PRINT

817237

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EG816045

DRILL LOG

HOLE NO. SR210

LOCATION ..STH..ESK CO-ORDINATES.....22840. mE .....23500. mN LINE ..... PAGE 1 of 1

DRILLING METHOD..RCAB..... BIT DIAMETER 99.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE..... m R.L. BASEMENT.....m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.60	48.52	0.011	Tr		Tr				Dark brown clay, low tenacity/ No trace of mineral
2	4		0.90	42.20	x	-		-				Brown granular gravel. Clasts subangular to angular quartz and subrounded to subangular sandstone and granodiorite.Trace ilmenite
4	6		5.00	38.47	1.07	0.041		9.1				As above. Trace ilmenite
6	8		2.50	44.85	x	-		-				As above. 6.3 brown shale. No trace of mineral
8	10		5.00									Brown sandy shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 3.0m g Au/m³ (GRADE 2)

SMITH PRINT

213

817238

AUSTRALIAN ANGLO AMERICAN LTD. 6414: ST. PAULS EQ 816 046 **DRILL LOG** HOLE NO SR211

LOCATION STH. ESK CO-ORDINATES 22720 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64l R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (l)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.45	63.71	x			-				Dark brown clay, low tenacity.		
												1.8 brown granular to pebble gravel. Clasts		
												angular quartz and subrounded to subangular		
												sandstone and dolerite. Trace ilmenite		
2	4		0.30	56.31	x			-				As above. Trace ilmenite		
4	6		1.80	46.84	x			-				As above. 4.8m grey shale. No trace of mineral		
6	8		3.00	53.40	x			-				Dark grey shale. Pyrite		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... l

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

214

817239

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST PAULS EQ 817046

DRILL LOG

HOLE NO. SR212

LOCATION STH. ESK CO-ORDINATES 22800 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 16.11.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC. (g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.60	53.40	x	-		-				Dark brown clay, low tenacity.		
												1.2 brown granular to pebble gravel. Clasts		
												subangular to angular quartz and subrounded		
												to subangular sandstone with minor dolerite.		
												Trace ilmenite		
2	4			30.72	0.215	0.006		1.5				As above. 3.8 dark brown shale.		
4	6											Dark brown shale.		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 2 m 0.75m g Au/m³ (GRADE 2)

SMITH PRINT

215

817240

AUSTRALIAN ANGLO AMERICAN LTD. 6414: ST. PAULS EQ 818046 **DRILL LOG** HOLE NO. SR213

LOCATION STH. ESK CO-ORDINATES 22880 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 6.1.82

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAB GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD (mg Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE: G-GRIT, S-SAND, ST-SILT T-TENACITY: H-HIGH, M-MEDIUM, L-LOW
0	2		0.90	28.67	0.184	0.005		1.2				Dark brown clay, low tenacity. No trace of mineral
2	4		1.50	39.36	0.688	0.027		6.0				Brown granular to pebbly gravel. Clasts subangular to angular quartz, subrounded to subangular sandstone, shale and dolerite. 3.9 brown sandy shale. One flake of gold
4	6		5.25	40.47	0.013	Tr		Tr				Brown sandy shale, dark grey at 4.8m. No trace of mineral

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 3.6 m g Au/m³ (GRADE 2)

SMITH PRINT

817241

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 6/9047

DRILL LOG

HOLE NO. SR214

LOCATION STH. ESK CO-ORDINATES 22960 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAB GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.50	49.13	0.010	Tr		Tr				Brown clay, low tenacity. Trace ilmenite		
2	4		1.50	29.73	0.937	0.027		6.2				Brown granular to pebbly gravel. Clasts subangular to angular quartz, subrounded to subangular sandstone and dolerite. 3.8 light grey shale. No trace of mineral		
4	6		3.30	39.46	0.015	Tr		Tr				Grey shale. No trace of mineral		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 4 m 3.1 mg Au/m³ (GRADE 2)

SMITH PRINT

817242

AUSTRALIAN ANGLO AMERICAN LTD. 8414: ST. PAULS EQ 819047

DRILL LOG

HOLE NO. SR215

LOCATION STH. ESK CO-ORDINATES 23040 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59/9mm THEORETICAL VOLUME 5.64ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAB GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.00	57.87	0.018	Tr		Tr				Brown fine sand to clay, low tenacity.
												1.5 brown clay, medium to high tenacity. No
												trace of mineral
2	4		2.50	53.13	0.015	Tr		Tr				As above. 2.5 brown clayey granular to
												pebbly gravel. Clasts subangular to angular
												quartz and subrounded to subangular sandstone
												to shale with minor dolerite. Trace ilmenite
4	6		6.50	53.12	0.010	Tr		Tr				As above. 5.8 grey sandy shale. Trace
												ilmenite
6	8		7.00	62.41	0.008	Tr		Tr				Grey sandy shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

218

817243

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 820048

DRILL LOG

HOLE NO. SR216.

LOCATION STH. ESK CO-ORDINATES 23120 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12 19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		1.20	41.18	0.212	0.009		1.9				Grey clayey granular to pebbly gravel. Clasts angular to subangular quartz and subrounded to subangular sandstone. 0.8 becomes a brown colour. Trace ilmenite
2	4		2.25	36.19	2.83	0.102		22.7				As above. One flake gold
4	6		4.50	43.98	0.061	Tr		Tr				As above. 4.4 grey sandy shale. No trace of mineral
6	8											Grey sandy shale with quartz vein material

C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE G-GRIT S-SAND ST-SILT

T-TENACITY H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....4.....m .....12.3.....g Au/m³ (GRADE 2)

SMITH PRINT

817244

AUSTRALIAN ANGLO AMERICAN LTD. 8414 : ST. PAULS EQ 821048

DRILL LOG

HOLE NO. SR217

LOCATION STH. ESK CO-ORDINATES 23200 mE 23500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59/9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.10	32.30	0.033	Tr		Tr				Dark grey clay, medium to high tenacity. Trace ilmenite		
2	4		1.80	50.02	0.010	Tr		Tr				Brown clayey gravel to pebbly gravel. Clasts subangular to angular quartz, subrounded to subangular sandstone to shale and dolerite. Trace ilmenite		
4	6		3.62	59.94	0.616	0.037		8.2				As above to 5.5m. Dark blue weathered dolerite. One flake gold.		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 2.7 m g Au/m³ (GRADE 2)

SMITH PRINT

220

817245

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 814062

DRILL LOG

HOLE NO. SR218

LOCATION STH. ESK CO-ORDINATES 23040 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12.19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.30	47.38	0.016	Tr		Tr				Dark brown slightly gritty clay, low tenacity No trace of mineral
2	4		0.90	38.41	0.014	Tr		Tr				Brown clayey granular to pebble gravel. Clasts subrounded to angular quartz and sub ro nded to subangular sandstone to shale and dolerite. 2.8m dolerite. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

221

817246

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ814062

DRILL LOG

HOLE NO. SR219

LOCATION STH. ESK CO-ORDINATES 23120 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12 1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% / N-NATURE G-GRIT S-SAND ST-SILT / T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.90	50.02	0.291	0.014		3.2				Brown clayey granular to pebbly gravel. Clast subangular to angular quartz, subrounded to subangular sandstone to shale and dolerite. One flake gold
2	4		0.30	57.80	0.023	0.001		0.3				As above. Trace ilmenite
4	5		0.60	41.99	2.05	0.086		38.2				Dark grey indurated meta shale 4.2 dolerite, 4.8 dark grey meta shale. One flake gold
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

222

817247

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 815063 **DRILL LOG**

HOLE NO. SR220

LOCATION STH. ESK CO-ORDINATES 23200 mE 25400 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.75	59.26	0.009	Tr		Tr				Dark brown clayey granular to pebbly gravel. Clasts subangular to angular quartz, subround to subangular sandstone to shale and dolerite Trace ilmenite		
	4		1.50	51.21	0.030	Tr		Tr				As above. Trace ilmenite		
4	6		3.15	26.38	26.1	0.688		152.6				As above. 5m brown colour 5.2m brown sandy shale 5.5m grey sandy shale. One flake gold		
6	8			45.32	1.6			16.1				Grey sandy shale		
				End	of	Hole								

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 50.1 m g Au/m³ (GRADE 2)

SMITH PRINT

223

817248

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 816063 **DRILL LOG**

HOLE NO....221....

LOCATION....STH. ESK CO-ORDINATES....23280.... mE....25400.... mN LINE ..... PAGE....1....of....1.

DRILLING METHOD....RCAB BIT DIAMETER....59.9....mm THEORETICAL VOLUME....5.64....ℓ R.L. SURFACE..... m R.L. BASEMENT.....m DATE....1.12.19....81

DRILLER/CONTRACTOR....KITCHING SAMPLE WASHER....S. MOORE ASSAY LAB....ANALABS ASSAY METHOD....Fire/AAS GEOLOGIST....T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		0.45	34.33	0.038	Tr		Tr				Brown clay, low tenacity. Trace ilmenite
2	4		2.25	32.37	0.056	Tr		Tr				As above to 2.3. Brown clayey granular to pebbly gravel. Clasts subangular to angular quartz, subrounded to subangular sandstone to shale with minor dolerite. No trace of mineral
4	6		2.80	37.57	0.020	Tr		Tr				As above to 5.8, grey sandy shale. No trace of mineral
6	8		2.75	35.18	0.043	Tr		Tr				Grey sandy shale. No trace of mineral
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ...ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

224

817249

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 819058

DRILL LOG

HOLE NO. SR222

LOCATION STH...ESK CO-ORDINATES 23520..... mE 24450.... mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB..... BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE..... m R.L. BASEMENT.....m DATE 1.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB..... ANALABS ASSAY METHOD..... Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		2.50	35.72	0.022	Tr		Tr				Brown clayey gravel. Clasts mainly subangular quartz. 1.0m yellow brown sandy clay, medium tenacity. 1.8 colour changes to light grey. No trace of mineral
2	4		4.20	37.54	0.014	Tr		Tr				Light grey sandy clay. No trace of mineral
4	6		4.55	45.69	0.051	Tr		Tr				As above 4.2 brown clayey granular gravel. Clasts subrounded to angular quartz, subrounde to subangular sandstone to shale, minor dolerite. 5.4 brown shale. No trace of mineral
6	8											Brown shale.
				End	of	Hole						

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

225

817250

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ819059 **DRILL LOG**

HOLE NO. SR223

LOCATION STH. ESK CO-ORDINATES 23600 mE 24500 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12 1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY- 25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.85	48.00	0.042			0.4				Yellow brown sandy clay, medium tenacity.
												1.8m grey clay, high tenacity. No trace of mineral
2	4		5.25	35.95	0.007			0.1				Grey clay as above. No trace of mineral
4	6		3.75	39.04	0.006			Tr				As above. 5.1 brown clayey granular gravel, clasts subangular to angular quartz, subrounde to subangular sandstone to shale and dolerite
6	8											Grey shale
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³(GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

817251

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 819059

DRILL LOG

HOLE NO. SR224

LOCATION STH. ESK CO-ORDINATES 23680 mE 24550 mN LINE

PAGE 1 of 1

DRILLING METHOD ROAD BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 R.L. SURFACE m R.L. BASEMENT m DATE 1.12 19 81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%	N-NATURE G-GRIT S-SAND ST-SILT	T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		3.32	36.59	x	–		–				Yellow brown sandy clay, medium tenacity. No trace of mineral		
2	4		3.25	47.67	0.005	Tr		Tr				As above. 3.8 grey clay, medium tenacity. No trace of mineral		
4	6		4.00	36.96	1.08	0.040		8.8				Grey clay as above. 4.5m brown clayey granular gravel. Clasts subangular to angular quartz, rounded to subangular sandstone to shale with minor dolerite. No trace of mineral		
6	8		3.50	48.47	0.055	Tr		Tr				Brown shale		
					End	of	Hole							

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO 6 m 2.9 m g Au/m³ (GRADE 2)

SMITH PRINT

227

817252

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 819060 **DRILL LOG** HOLE NO. SR225

LOCATION STH. ESK CO-ORDINATES 23760 mE 24600 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m g Au	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	C	N	T	DESCRIPTION OF SAMPLE
												C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		4.20	39.72	x			-				Yellow brown sandy clay, medium tenacity.
												No trace of mineral
2	4		3.50	43.56	x			-				Light grey granular gravel. Clasts subangular to angular quartz and subrounded to subangular sandstone to shale with minor dolerite.
												3.6m yellow brown colour, 3.8 grey clay, medium to high tenacity. No trace of mineral
4	6		3.15	39.71	0.007	Tr		Tr				As above. 5.8 brown shale. No trace of mineral
6	8											Brown shale
				End	of	Hole						

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m ..... g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m ..... g Au/m³ (GRADE 2)

SMITH PRINT

228

817253

AUSTRALIAN ANGLO AMERICAN LTD. 8415: FORESTER EQ 819061

DRILL LOG

HOLE NO SR226

LOCATION STH. ESK CO-ORDINATES 23840 mE 24650 mN LINE ..... PAGE 1 of 1

DRILLING METHOD ROAB BIT DIAMETER 59.9 mm THEORETICAL VOLUME 5.64 ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 1.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered mGOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 mg Au/m³	DESCRIPTION OF SAMPLE C	N	T	C-CLASS S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24% N-NATURE G-GRIT S-SAND ST-SILT T-TENACITY H-HIGH M-MEDIUM L-LOW
0	2		2.80	45.27	0.006	Tr		Tr				Brown sandy clay, medium tenacity. No trace of mineral
2	4		2.80	39.33	0.013	Tr		Tr				As above. 2.2 grey and brown clayey, granular gravel, clasts subangular to angular quartz, subrounded to subangular sandstone and minor dolerite. Trace ilmenite
4	6		3.50	29.24	0.009	Tr		Tr				As above. 5.9 brown shale. Trace ilmenite
6	8											Brown shale
					End	of	Hole					

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

229

817254

AUSTRALIAN ANGLO AMERICAN LTD. 8415 : FORESTER EQ 20061

DRILL LOG

HOLE NO. SR227

LOCATION STH. ESK CO-ORDINATES 23920 mE 24650 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.64 R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 2.12.1981

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered GOLD m(g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	DESCRIPTION OF SAMPLE C	N	T	
0	2		1.57	43.76	0.095	Tr		Tr				Brown granular gravel, clasts subangular to
												angular quartz, subrounded to subangular
												sandstone to shale, minor dolerite. No trace
												of mineral
2	4		2.10	45.25	0.006	Tr		Tr				As above. 2.7 grey sandy clay, medium tenacity
												3.2 brown granular gravel, clasts as above.
												No trace of mineral
4	6		1.75	31.90	0.469	0.015		3.3				As above. Trace ilmenite
6	8		1.37	42.47	4.23	0.180		39.8				As above. 7m dark grey sandy shale. Trace
												ilmenite
8	10											Dark grey sandy shale.
					End	of	Hole					

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO 8 m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m 10.7 m g Au/m³ (GRADE 2)

SMITH PRINT

230

817255

AUSTRALIAN ANGLO AMERICAN LTD. 8415; FORESTER EQ 820062 **DRILL LOG**

HOLE NO. SR228

LOCATION STH. ESK CO-ORDINATES 24000 mE 24700 mN LINE ..... PAGE 1 of 1

DRILLING METHOD RCAB BIT DIAMETER 59.9mm THEORETICAL VOLUME 5.6ℓ R.L. SURFACE ..... m R.L. BASEMENT ..... m DATE 2.12.81

DRILLER/CONTRACTOR KITCHING SAMPLE WASHER S. MOORE ASSAY LAB. ANALABS ASSAY METHOD Fire/AAS GEOLOGIST T.K.SCOTT

FROM m	TO m	SAMPLE NO	Recovered VOLUME (ℓ)	WEIGHT CONC.(g)	Conc. Assay (g Au/t)	Recovered m GOLD (g Au)	GRADE 1 g Au/m³	GRADE 2 g Au/m³	C	N	T	DESCRIPTION OF SAMPLE
0	2		1.25	51.54	0.010	Tr		Tr				Yellow brown granular gravel. 1.7m yellow brown sandy clay. No trace of mineral
2	4		3.50	38.57	0.007	Tr		Tr				As above. 2.5m yellow brown clayey coarse sand to granular gravel. No trace of mineral
4	6		4.00	31.43	x			-				As above Trace ilmenite
6	8		4.90	35.07	0.074	Tr		Tr				As above. 6.2 grey clay, medium to high tenacity. 7.2 gravel as above. Trace ilmenite
8	10		3.25	42.63	0.006	Tr		Tr				Dark grey to brown shale. No trace of mineral
					End	of	Hole					

C-CLASS: S-SAND-75-100% SC-SANDY CLAY-25-49% CS-CLAY SAND-50-74% C-CLAY-0-24%

N-NATURE: G-GRIT S-SAND ST-SILT

T-TENACITY: H-HIGH M-MEDIUM L-LOW

GRADE 1 CALCULATED BY RELATING RECOVERED VOLUME TO RECOVERED GOLD. GRADE 2 CALCULATED BY RELATING RADFORD FACTORED THEORETICAL VOLUME TO RECOVERED GOLD (RADF = 80%)

TOTAL RECOVERED VOLUME, SURFACE TO .....m = ... ℓ

TOTAL RECOVERED GOLD, SURFACE TO .....m = ...g Au

GRADE 1 FROM SURFACE TO .....m .....g Au/m³ (GRADE 1)

GRADE 2 FROM SURFACE TO .....m .....g Au/m³ (GRADE 2)

SMITH PRINT

APPENDIX 2

Assay Results

23c

817257

LINDA SOUTH ESK DRILL HOLE ASSAYS.

HOLE No.	ASSAY SHEET No.	HOLE No.	ASSAY SHEET No	HOLE No.	ASSAY SHEET No	HOLE No	ASSAY SHEET No	HOLE No	ASSAY SHEET No	HOLE No	ASSAY SHEET No	HOLE No	ASSAY SHEET No.
1	1703.	36	1706.	71	1710.	106	1708	141	1710.	176	1711	211	1712
2	"	37	"	72	"	107	"	142	"	177	"	212	"
3	"	38	"	73	"	108	"	143	"	178	"	213	1714
4	"	39	"	74	"	109	1710	144	"	179	1711 + 1716	214	"
5	"	40	"	75	1710 + 1716	110	"	145	"	180	1711.	215	"
6	"	41	"	76	1710.	111	"	146	1710 + 1716.	181	"	216	"
7	"	42	"	77	"	112	"	147	1710	182	"	217	"
8	"	43	"	78	"	113	"	148	"	183	1711 + 1716.	218	"
9	"	44	"	79	"	114	"	149	1710 + 1711	184	1711.	219	"
10	"	45	1706 + 1716.	80	"	115	"	150	1710 + 1711.	185	"	220	1714 + 1716
11	1710.	46	1706	81	"	116	"	151	1711	186	"	221	1714
12	"	47	"	82	"	117	"	152	"	187	"	222	"
13	"	48	"	83	"	118	"	153	"	188	"	223	"
14	"	49	"	84	"	119	"	154	"	189	"	224	"
15	"	50	1706 + 1716.	85	1710 + 1716	120=20A	1710	155	"	190	"	225	"
16	1703.	51	1706	86	1710	121-21A	1710	156	"	191	"	226	"
17	"	52	"	87	"	122	1710 + 1716.	157	"	192	1712.	227	"
18	"	53	"	88	"	123	1710 + 1716	158	"	193	"	228	"
19	"	54	"	89	1712 + 1716	124	1710 + 1716	159	"	194	"		
20	1703 + 1716	55	1707.	90	1712 + 1716	125	1710	160	"	195	"		
21	1703 + 1716.	56	"	91	1710	126	1712	161	"	196	"		
22	1703	57	"	92	"	127	1710	162	"	197	"		
23	"	58	"	93	"	128	"	163	1711 + 1716.	198	"		
24	1705.	59	"	94	1710 + 1716	129	"	164	1711	199	"		
25	"	60	"	95	1708	130	"	165	"	200	"		
26	"	61	"	96	"	131	"	166	"	201	"		
27	"	62	"	97	"	132	1711	167	"	202	"		
28	"	63	"	98	"	133	"	168	"	203	1712 + 1716		
29	"	64	"	99	"	134	"	169	"	204	1712.		
30	"	65	"	100	"	135	"	170	"	205	"		
31	"	66	"	101	"	136	"	171	"	206	"		
32	"	67	"	102	"	137	"	172	"	207	"		
33	"	68	"	103	"	138	"	173	"	208	"		
34	1706	69	"	104	"	139	"	174	"	209	"		
35	"	70	"	105	"	140	1710	175	"	210	"		

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817258

ANALYTICAL REPORT No. 999.0 08 873

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australia Anglo American Ltd
269 Wellington St
Launceston TAS 7250

ORDER No.	PROJECT
1716	

DATE RECEIVED	RESULTS REQUIRED
29.1.82	

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	3.2.82	3	24

No.	SAMPLE NUMBERS	PRE-TREATMENT: DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	NONE	ANALYSIS: REFER TO ANALYSIS SECTION	PREPARATION	METHOD
20	SR 20-220				1				Au		RG50

RESULTS TO: As Above

RESULTS TO:

REMARKS

STATE OF SAMPLES

whole core	WC
part core	SC
cutting	CU
rock	Ro
soil	SO
pulp	PU
water	WA
other	TI
stream sediment	SS
concentrate	CON

ANALYSIS — PREPARATION

perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	Ma
aqua regia	A4	alkaline attack	AA
nitric-perchloric	A5	volatilization	VO
HF mixture	A6	ignition	IG
HF under pressure	A7	pressed powder (XRF)	PP
fusion	A8	glass fusion (XRF)	GF

ANALYSIS — METHOD

atomic absorption	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
colorimetry	COL
chromatography	CHR
titration	TTN
other chemicals means	CHEM
miscellaneous	MISC
fluorescence	FLUOR
inductively coupled plasma	ICP

AUTHORISED OFFICER

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	999.0 08 873	3.2.82	1716	1 OF 2

	SAMPLE No.	Au	wt (g)						
1	SR 20 10-12	X	32.49						
2	SR 20 12-14	X	37.60						
3	SR 45 10-12	X	38.69						
4	SR 45 12-14	X	34.83						
5	SR 50 10-12	0.006	40.71						
6	SR 50 12-14	X	39.67						
7	SR 75 6-8	0.063	32.75						
8	SR 75 8-10	0.420	31.67						
9	SR 85 4-6	X	39.12						
10	SR 94 8-10	0.529	30.88						
11	SR 122 6-8	0.517	35.34						
12	SR 123 6-8	X	35.03						
13	SR 124 6-8	X	39.43						
14	SR 146 6-8	0.006	44.46						
15	SR 179 8-10	X	38.04						
16	SR 179 10-12	X	32.92						
17	SR 183 8-10	X	43.38						
18	SR 89 6-8	X	48.08						
19	SR 90 6-8	0.023	54.20						
20	SR 163 6-8	0.006	44.61						
21	SR 184 6-8	X	50.99						
22	SR 184 8-10	1.79	39.04						
23	SR 203 12-14	0.014	38.42						
24	SR 220 6-8	1.60	45.32						
25									

Results in ppm unless otherwise specified
Detection limit for Au is 0.001 ppm
X = Au present but below detection limit
Y = Au present in concentrations in excess of upper limit of method
N = Au not detected

AUTHORISED SIGNATURE
OPERATIONS MANAGER

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ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	999.0 08 873	3.2.82	1716	2 OF 2

	SAMPLE No.		FM#							
1	DETECTION									
2	DIGESTION									
3	METHOD		309							
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

AUTHORISED SIGNATURE

936.

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Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

ANALYTICAL REPORT No. 6.2 08 758

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.: 1714
PROJECT:
DATE RECEIVED: 17.12.81
RESULTS REQUIRED:

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	22.12.81	3	53

SAMPLE NUMBERS	PRE-TREATMENT: DRY	CRUSH	SPLIT	PULP WEIGH	SIEVE	OTHER (SEE REMARKS)	NONE	ANALYSES: REFER TO ANALYTICAL SECTION	PREPARATION	METHOD
SR 213-228				1				Weight Au		RG50

RESULTS TO:
B. Mellor
269 Wellington St
Launceston

RESULTS TO:

REMARKS

STATE OF SAMPLES

core	WC
	SC
	CU
	Bu
	SO
	PU
	WA
	TI
	BS
	PM

ANALYSIS — PREPARATION

perchloric acid	A1
hydrochloric acid	A2
nitric acid	A3
aqua regia	A4
mixed perchloric/	A5
[illegible]	A6
[illegible]	A7
[illegible]	A8
[illegible]	A9
[illegible]	A10
[illegible]	A11
[illegible]	A12

cold acid	CA
specific sulphide	SS
other mixed acids	Mx
alkaline attack	AA
volatilization	VO
[illegible]	FU
[illegible] powder (XRF)	PP
[illegible] (XRF)	GR

ANALYSIS — METHOD

atomic absorption	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
[illegible]	[illegible]
chromatography	CHR
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
fluorescence	FLUOR
inductively coupled plasma	ICP

AUTHORISED OFFICER

127

ANALABS

A division of Rockwood Hamilton & Co. Pty. Ltd.

817262

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 758	22.12.81	1714	1 OF 3

ITEM No.	SAMPLE No.	Flu	[illegible]						
1	SR213 0-2	0.184	28.67						
2	SR213 2-4	0.688	39.36						
3	SR213 4-6	0.013	40.47						
4	SR 214 0-2	0.010	49.13						
5	SR 214 2-4	0.937	29.73						
6	SR 214 4-6	0.015	39.46						
7	SR 215 0-2	0.018	57.87						
8	SR 215 2-4	0.015	53.13						
9	SR 215 4-6	0.010	53.12						
10	SR 215 6-8	0.008	62.41						
11	SR 216 0-2	0.212	41.18						
12	SR 216 2-4	2.83	36.19						
13	SR 216 4-6	0.061	43.98						
14	SR 217 0-2	0.033	32.30						
15	SR 217 2-4	0.010	50.02						
16	SR 217 4-6	0.616	59.94						
17	SR 218 0-2	0.016	47.38						
18	SR 218 2-3	0.014	38.41						
19	SR 219 0-2	0.291	50.02						
20	SR 219 2-4	0.023	57.80						
21	SR 219 4-5	2.05	41.99						
22	SR 220 0-2	0.009	59.26						
23	SR 220 2-4	0.030	51.21						
24	SR 220 4-6	26.1	26.38						
25	SR 221 0-2	0.038	34.33						

Results in parts per million unless otherwise specified.
T = element present but concentration too low to compute
X = element concentration is below detection limit
— = element not determined

AUTHORISED OFFICER

ANALABS

A division of Mary Donald Hamilton & Co. Pty. Ltd.

81263

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 758	22.12.81	1714	2 OF 3

SAMPLE No.	SAMPLE ID	Au ppm	Ag ppm						
1	SR 221 2-4	0.056	32.37						
2	SR 221 4-6	0.020	37.57						
3	SR 221 6-8	0.043	35.18						
4	SR 222 0-2	0.022	35.72						
5	SR 222 2-4	0.014	37.54						
6	SR 222 4-6	0.051	45.69						
7	SR 223 0-2	0.042	48.00						
8	SR 223 2-4	0.007	35.95						
9	SR 223 4-6	0.006	39.04						
10	SR 224 0-2	X	36.59						
11	SR 224 2-4	0.005	47.67						
12	SR 224 4-6	1.08	36.96						
13	SR 224 6-8	0.053	48.47						
14	SR 225 0-2	X	39.72						
15	SR 225 2-4	X	43.56						
16	SR 225 4-6	0.007	39.71						
17	SR 226 0-2	0.006	45.27						
18	SR 226 2-4	0.013	39.33						
19	SR 226 4-6	0.009	29.24						
20	SR 227 0-2	0.095	43.76						
21	SR 227 2-4	0.006	45.25						
22	SR 227 4-6	0.469	31.90						
23	SR 227 6-8	4.23	42.47						
24	SR 228 0-2	0.010	51.54						
25	SR 228 2-4	0.007	38.57						

Results apply to sample(s) as received.
* = result of repeat analysis still outside limits of reproducibility
X = interference or insufficient sample for detection limit
- = attempted not determined

AUTHORISED OFFICER

ANALABS

A division of Donald Hamilton & Co. Pty. Ltd.

817264

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 88 758	22.12.81	1714	3 OF 3

TUBE No.	SAMPLE No.	FRV								
1	SR 228 4-6	X	31.43							
2	SR 228 6-8	0.074	35.07							
3	SR 228 8-10	0.006	42.63							
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION									
24	DIGESTION									
25	METHOD		RG50							

* Results not to be used for legal purposes
T = Standard of result not to be used for legal purposes
X = Standard not determined to below detection limit
= element not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

817265

Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

ANALYTICAL REPORT No. 6.2 08 642

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.: 1703

PROJECT:

DATE RECEIVED: 23.10.81

RESULTS REQUIRED:

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	28.10.81	3	91

		PRE-TREATMENT								ANALYSIS			
	SAMPLE NUMBERS	DRY	CRUSH	SPLIT	PUL VERISE	SIEVE	ASHING (OR OTHER TREATMENT)	HOWE		WORK TO ANALYTICAL SECTION	PREPARATION	METHOD
SD	Various SR1-10.				1				Weight Au			RG50

RESULTS TO: As Above

RESULTS TO: 269 Wellington Street
Launceston
Tasmania 7250

REMARKS

STATE OF SAMPLES

whole core — WC
pulp — SC
rock — CH
soil — RC
stream sediment — SS
heavy mineral — HM

ANALYSIS — PREPARATION

perchloric acid — A1
hydrochloric acid — A2
nitric acid — A3
aqua regia — A4
nitric-perchloric — A5
HF mixtures — A6
high pressure — A7
cold acid — CA
specific sulphide — SS
other mixed acids — Mo
alkaline attack — AA
volatilization — VO
fusion — FO
pressed powder pellet — PP
glass fusion bead — GF

ANALYSIS — METHOD

atomic absorption — AAS
X-ray fluorescence — XRF
spectrophotometry — SPEC
polarimetry — POL
chromatography — CHR
titration — TITR
other chemical methods — CHEM
ion selective electrode — ISE
fluorescence — FLUOR
radiometric — RAD
preparation for plasma — ICP

AUTHORISED OFFICER:

ANALABS

A division of Arnold Hanslip & Co. Pty. Ltd.

817266

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 642	28.10.91	1703	OF

RUN No.	SAMPLE No.	PPM	Pb CONC.							
1	SR1 0-2	0.045	84.24							
2	SR1 2-4	0.008	128.58							
3	SR1 4-6	0.006	140.14							
4	SR1 6-8	0.004	143.64							
5	SR1 8-10	X	74.81							
6	SR1 10-12	X	69.56							
7	SR2 0-2	0.002	129.86							
8	SR2 2-4	0.205	90.79							
9	SR2 4-6	0.460	109.15							
10	SR2 6-8	0.007	113.81							
11	SR2 8-10	0.010	74.70							
12	SR2 10-12	0.010	106.36							
13	SR3 0-2	X	79.53							
14	SR3 2-4	0.053	86.01							
15	SR3 4-6	X	96.20							
16	SR3 6-8	0.598	106.58							
17	SR3 8-10	0.003	74.59							
18	SR3 10-12	0.007	77.43							
19	SR4 0-2	0.013	115.51							
20	SR4 2-4	0.225	123.90							
21	SR4 4-6	0.005	101.67							
22	SR4 6-8	3.48	88.43							
23	SR4 8-10	0.003	90.32							
24	SR5 0-2	0.560	105.86							
25	SR5 2-4	1.35	101.90							

ANALABS

A division of Australian Consolidated Industries (S.A.) Pty. Ltd.

817267

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6 2 08 642	28 10 81	1703	OF 3

ITEM No.	SAMPLE No.	Au ppm	Ag ppm							
1	SR5 4-6	0.005	105.89							
2	SR5 6-8	11.8	115.33							
3	SR5 8-10	0.049	59.13							
4	SR6 0-2	X	75.90							
5	SR6 2-4	0.035	79.26							
6	SR6 4-6	X	70.34							
7	SR6 6-8	X	83.67							
8	SR7 0-2	X	78.76							
9	SR7 2-4	X	124.59							
10	SR7 4-6	X	63.42							
11	SR7 6-8	X	84.63							
12	SR7 8-10	X	66.25							
13	SR8 0-2	X	27.22							
14	SR8 2-4	0.007	70.63							
15	SR8 4-6	X	76.27							
16	SR8 6-8	X	57.72							
17	SR8 8-10	X	92.42							
18	SR8 10-12	X	89.52							
19	SR8 12-14	X	105.32							
20	SR9 0-2	0.328	88.53							
21	SR9 2-4	X	122.14							
22	SR9 4-6	0.504	102.39							
23	SR9 6-8	0.003	94.85							
24	SR10 0-2	X	100.84							
25	SR10 2-4	0.024	117.58							

UNPROCESSED SAMPLES

ANALABS

A division of Electrical Industries & Co. Pty. Ltd.

817265

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6208642	29.10.81	1203	OF 3

TEST No.	SAMPLE No.									
1	SR10 4-6	1.46	86.36							
2	SR10 6-8	0.002	106.45							
3	SR10 8-10	0.006	91.12							
4	SR16 0-2	X	128.57							
5	SR16 2-4	X	90.65							
6	SR16 4-6	3.94	94.59							
7	SR16 6-8	0.006	89.59							
8	SR16 8-10	X	87.52							
9	SR17 0-2	X	100.05							
10	SR17 2-4	X	100.37							
11	SR17 4-6	0.005	107.33							
12	SR17 6-8	X	93.08							
13	SR18 0-2	X	95.64							
14	SR18 2-4	0.002	113.75							
15	SR18 4-6	0.042	121.78							
16	SR18 6-8	0.018	87.05							
17	SR19 0-2	X	102.89							
18	SR19 2-4	0.003	96.74							
19	SR19 4-6	0.269	116.67							
20	SR19 6-8	0.003	80.67							
21	SR20 0-2	X	101.13							
22	SR20 2-4	0.550	98.30							
23	SR20 4-6	2.22	110.63							
24	SR20 6-8	0.008	101.53							
25	SR20 8-10	0.358	92.28							

X = Sample not received or lost
- = Insufficient sample for analysis
N.R. = Sample not requested

Results apply to sample as received. Results expressed on dry weight basis where moisture has been determined. Unless otherwise agreed in writing, this document is issued in accordance with our General Conditions of Service. This document shall not be reproduced except in full without the written approval of the laboratory.

AUTHORISED SIGNATORY

ANALABS

A Division of MacDonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

317268

SAMPLE PREFIX:	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6208642	29.10.81	1703	OF 4

	SAMPLE No.	Sb	Pb
1	SR21 0-2	0.002	125.08
2	SR21 2-4	X	89.57
3	SR21 4-6	0.100	95.64
4	SR21 6-8	X	105.10
5	SR21 8-10	X	94.18
6	SR22 0-2	X	29.36
7	SR22 2-4	X	91.69
8	SR22 4-6	X	84.99
9	SR22 6-8	X	38.21
10	SR22 8-10	0.002	111.89
11	SR22 10-12	X	63.09
12	SR23 0-2	X	106.64
13	SR23 2-4	X	118.05
14	SR23 4-6	0.116	90.52
15	SR23 6-8	0.003	82.80
16	SR23 8-10	0.006	80.59
17	SR23 10-12	0.029	112.56
18			
19			
20			
21			
22			
23	DETECTION		
24	DIGESTION		
25	METHOD	R650	

X = [illegible]

— = element not determined

AUTHORISED SIGNATURE

ANALABS

A Division of MacDonald Hamilton & Co. (W.A.) Pty. Ltd.

81270

52 Murray Road, Welshpool, W.A. 6106

Phone (09) 458 7999

Telex AA92560

ANALYTICAL REPORT No. 6.2 08 650

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No. 1705

PROJECT

DATE RECEIVED 27.10.81

RESULTS REQUIRED

No. OF PAGES OF RESULTS

DATE REPORTED 3.11.81

No. OF COPIES 3

TOTAL No. OF SAMPLES 54

TYPE OF SAMPLES	SAMPLE NUMBERS	PRE-TREATMENT: DRY	CRUSH	SPLIT	PULP VERSE	SIEVE	OTHER (SEE REMARKS)	NONE	ANALYSIS	RESULTS TO ANALYSIS SECTION	PREPARATION	METHOD
SO	Various				1				Weight Au			RG50

RESULTS TO: As Above

RESULTS TO: 269 Wellington Street
Launceston
Tasmania 7250

REMARKS

STATE OF SAMPLES

whole core WC
split core SC
cuttings CU
rock RO
soil SO
pulp PU
rejects RJ
sediment SED
heavy mineral HM

ANALYSIS — PREPARATION

perchloric acid A1
hydrochloric acid A2
nitric acid A3
aqua regia A4
nitric-perchloric A5
HF mixture A6
HF-nitric-perchloric A7
fusion A8
cold acid CA
specific sulphide SS
other mixed acids MA
alkaline check ACK
ignition IGN
sintering SIN
pelletising PEL
grinding GR
crushing CR
other OTH

ANALYSIS — METHOD

atomic absorption AA6
x-ray fluorescence XRF
spectrophotometry SPEC
colorimetry COL
chromatography CHR
titration TIT
gravimetry GRA
fire assay FA
emission spectrography ESP

AUTHORISED OFFICER

ANALABS

A Division of Intersocietal Hydrocarbons (Aust.) Pty. Ltd.

ANALYTICAL DATA

817271

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 650	3.11.81	1705	1 OF 3

TUBE No.	SAMPLE No.	Rd	Wt %						
1	SR24 0-2	0.004	66.01						
2	SR24 2-4	2.53	81.45						
3	SR24 4-6	0.007	77.18						
4	SR24 6-8	0.015	98.89						
5	SR24 8-10	0.004	56.18						
6	SR25 0-2	0.025	72.19						
7	SR25 2-4	2.15	83.84						
8	SR25 4-6	0.007	76.92						
9	SR25 6-8	0.018	56.88						
10	SR25 8-10	X	71.36						
11	SR26 0-2	0.003	83.92						
12	SR26 2-4	0.026	70.62						
13	SR26 4-6	2.47	74.26						
14	SR26 6-8	0.013	57.25						
15	SR26 8-10	0.018	72.61						
16	SR27 0-2	0.008	94.55						
17	SR27 2.4	0.823	74.63						
18	SR27 4-6	0.005	107.88						
19	SR27 6-8	X	77.63						
20	SR27 8-10	X	81.27						
21	SR27 10-12	0.003	88.60						
22	SR27 12-14	0.003	86.65						
23	SR27 14-16	X	75.60						
24	SR28 0-2	X	87.05						
25	SR28 2-4	0.251	79.12						

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hopkins & Co. Pty. Ltd.

81272

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	5.2 08 650	3.11.81	1705	2 OF 3

Lab No.	SAMPLE No.		Fluoride								
1	SR28 4-6		0.013	98.31							
2	SR28 6-8		X	97.31							
3	SR28 8-10		0.007	67.99							
4	SR29 0-2		0.002	105.40							
5	SR29 2-4		0.003	80.79							
6	SR29 4-6		0.003	93.24							
7	SR29 6-8		X	92.61							
8	SR29 8-10		X	92.00							
9	SR29 10-12		0.005	93.57							
10	SR30 0-2		X	101.27							
11	SR30 2-4		X	91.38							
12	SR30 4-6		X	118.49							
13	SR30 6-8		X	84.85							
14	SR30 8-10		X	76.70							
15	SR31 0-2		X	125.96							
16	SR31 2-4		X	104.61							
17	SR31 4-6		X	86.90							
18	SR31 6-8		X	74.48							
19	SR31 8-10		X	83.93							
20	SR32 0-2		X	105.28							
21	SR32 2-4		X	97.23							
22	SR32 4-6		9.68	91.64							
23	SR32 6-8		0.008	92.55							
24	SR32 8-10		0.009	88.57							
25	SR33 0-2		0.003	89.95							

X = [illegible]

APPROVED BY

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

81723

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 650	3.11.81	1705	3 OF 3

Item No.	Sample No.	Dup	Wt (g)						
1	SR33 2-4	X	75.60						
2	SR33 4-6	X	87.53						
3	SR33 6-8	X	114.10						
4	SR33 8-10	X	103.09						
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23	DETECTION								
24	DIGESTION								
25	METHOD	R050							

ANALABS

817274

A division of MacDonald Hamilton & Co. Pty. Ltd.

Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

ANALYTICAL REPORT No. 6.2 08 652

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.	PROJECT
1706	2421

DATE RECEIVED	RESULTS REQUIRED
30.10.81	

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	4.11.81	3	100

ORDER No.	SAMPLE NUMBERS	PRE-TREATMENT: DRY	CRUSH	ASSAY	FINE GRIND	SIEVE	OTHER (see REMARKS)	ROAST	ANALYSIS	REFER TO ANALYTICAL METHOD	PREPARATION	METHOD
	SR34 - SR54				1				weight(g) Au			RG50

RESULTS TO: 269 Wellington Street
Launceston

RESULTS TO:

REMARKS

STATE OF SAMPLES

whole core
½ core
chip
rock
soil
stream sediment
heavy mineral
WC*
SC
CU
BC
PUL
RJ
SPL
RES
PLP
MEA
OTH

ANALYSIS — PREPARATION

perchloric acid
hydrochloric acid
nitric acid
aqua regia
nitric-perchloric
fusion
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
cold acid
specific sulphide
other mixed acids
alkaline attack
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
CA
SS
MX
AK
[illegible]
[illegible]
[illegible]
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[illegible]
[illegible]
[illegible]

ANALYSIS — METHOD

atomic absorption
x-ray fluorescence
spectrophotometry
colorimetry
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
AAS
XRF
SPEC
COL
[illegible]
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AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

817275

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 652	04.11.81	1706	1 OF

TUBE No.	SAMPLE No.		Pb%	Ni%						
1	SR34 0-2		0.071	92.44						
2	SR34 2-4		0.012	111.24						
3	SR34 4-6		0.020	62.05						
4	SR34 6-8		0.019	65.40						
5	SR34 8-10		0.017	88.62						
6	SR35 0-2		0.006	80.98						
7	SR35 2-4		0.006	82.68						
8	SR35 4-6		0.009	54.30						
9	SR35 6-8		0.011	70.49						
10	SR36 0-2		X	87.79						
11	SR36 2-4		0.017	89.37						
12	SR36 4-6		0.005	96.09						
13	SR36 6-8		0.012	65.07						
14	SR37 0-2		X	79.79						
15	SR37 2-4		0.007	74.54						
16	SR37 4-6		X	75.18						
17	SR38 0-2		0.003	82.08						
18	SR38 2-4		X	49.15						
19	SR38 4-6		X	57.98						
20	SR38 6-8		X	84.96						
21	SR38 8-10		0.003	88.37						
22	SR39 0-2		0.050	88.55						
23	SR39 2-4		0.003	75.65						
24	SR39 4-6		0.003	93.79						
25	SR39 6-8		0.003	92.90						

Results shown unless otherwise specified
T = Element present but below detection limit
X = Element detected but below detection limit
- = Element not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. (Pty. Ltd.)

81276

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 652	04.11.81	1706	2 OF

LINE No.	SAMPLE No.		Au ppm	W %						
1	SR40 0-2		0.005	95.81						
2	SR40 2-4		0.450	116.99						
3	SR40 4-6		0.003	94.22						
4	SR40 6-8		0.005	100.33						
5	SR40 8-10		0.008	92.13						
6	SR41 0-2		X	91.32						
7	SR41 2-4		X	75.59						
8	SR41 4-6		X	88.82						
9	SR41 6-8		X	79.30						
10	SR42 0-2		0.044	113.12						
11	SR42 2-4		1.85	107.55						
12	SR42 4-6		X	107.44						
13	SR42 6-8		0.003	93.26						
14	SR42 8-10		X	109.11						
15	SR43 0-2		X	94.25						
16	SR43 2-4		X	109.98						
17	SR43 4-6		2.61	92.14						
18	SR43 6-8		0.005	105.73						
19	SR43 8-10		0.003	105.36						
20	SR44 0-2		X	56.77						
21	SR44 2-4		0.835	64.64						
22	SR44 4-6		X	53.62						
23	SR44 6-8		0.053	57.62						
24	SR44 8-10		X	56.37						
25	SR44 10-12		0.037	69.78						

Results apply to sample(s) as received.

X = element present, but not determined (possible interference)

— = element looked for, but not found

Authorised Signature

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

81727

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 652	04.11.81	1706	3 OF

TUBE No.	SAMPLE No.		Au ppm	Ag ppm						
1	SR45 0-2		X	67.81						
2	SR45 2-4		X	52.66						
3	SR45 4-6		X	74.22						
4	SR45 6-8		X	73.14						
5	SR45 8-10		0.811	65.99						
6	SR46 0-2		X	92.10						
7	SR46 2-4		0.005	102.77						
8	SR46 4-6		X	76.08						
9	SR46 6-8		X	81.52						
10	SR46 8-10		X	68.49						
11	SR47 0-2		X	84.84						
12	SR47 2-4		0.783	103.00						
13	SR47 4-6		4.80	91.61						
14	SR47 6-8		X	88.78						
15	SR47 8-10		X	71.40						
16	SR48 0-2		0.165	90.10						
17	SR48 2-4		0.004	72.25						
18	SR48 4-6		0.055	69.04						
19	SR48 6-8		0.008	90.06						
20	SR49 0-2		X	65.77						
21	SR49 2-4		0.011	92.36						
22	SR49 4-6		0.007	71.35						
23	SR49 6-8		X	119.44						
24	SR50 0-2		X	83.82						
25	SR50 2-4		0.011	89.06						

ANALABS

A division of Ronald Hamilton & Co. Pty. Ltd.

817278

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 652	5.11.81	1706	4 OF 5

TUBE NO.	SAMPLE No.		Fe%	(ppm)						
1	SR50 4-6		0.009	58.16						
2	SR50 6-8		X	65.54						
3	SR50 8-10		3.88	54.47						
4	SR51 0-2		X	77.62						
5	SR51 2-4		0.005	109.93						
6	SR51 4-6		5.53	75.34						
7	SR51 6-8		0.093	56.78						
8	SR51 8-10		0.007	69.41						
9	SR52 0-2		0.507	111.17						
10	SR52 2-4		7.37	89.87						
11	SR52 4-6		0.230	120.67						
12	SR52 6-8		0.017	113.85						
13	SR52 8-10		0.007	72.53						
14	SR52 10-12		X	116.21						
15	SR53 0-2		0.003	95.36						
16	SR53 2-4		0.028	64.37						
17	SR53 4-6		X	60.11						
18	SR53 6-8		X	85.06						
19	SR53 8-10		0.003	95.38						
20	SR53 10-12		X	91.59						
21	SR54 0-2		0.007	116.62						
22	SR54 4-6		X	99.23						
23	SR54 6-8		X	90.72						
24	SR54 8-10		0.625	75.81						
25	SR54 10-12		X	107.92						

Results are in ppm unless otherwise stated.
X = Element present but concentration is below detection limit
— = Element not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

817279

ANALYTICAL REPORT No. 6.2 08 653

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.	PROJECT
1707	2421

DATE RECEIVED	RESULTS REQUIRED
30.10.81	

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
		3	77

SAMPLE NUMBERS	PRE-TREATMENTS: DRY	CRUSH	SPLIT	PART LODGED	SIEVE	OTHER (SPECIFY)	NONE	ANALYSIS (INCLUDE ELEMENTS REQUIRED)	PREPARATION	METHOD
SR55 - SR70				1				weight(g) Au		RG50

269 Wellington Street
Launceston

RESULTS TO

RESULTS TO

REMARKS

STATE OF SAMPLES

whole core	WC
split core	SC
drilling	CU
rock	Ro
soil	SOL
pulp	PU
other	WA
reject	REJ
stream sediment	SS
heavy mineral	HM

ANALYSIS — PREPARATION

perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	MA
aqua regia	A4	alkaline attack	AA
nitric-perchloric	A5	volatilization	VO
hydrofluoric	A6	fusion	FU
hydrofluoric-perchloric	A7	peroxide fusion (XRF)	PF
other (specify)	A8	other (specify)	OP

ANALYSIS — METHOD

atomic absorption	AAS	gravimetry	GRAV
x-ray fluorescence	XRF	titration	TITR
spectrophotometry	SPEC	other chemical methods	CHEM
colorimetry	COL	gas chromatography	GASC
chromatography	CHR	fluorescence	FLUOR
titration	TITR	electrolytically coupled plasma	ICP
other chemical methods	CHEM		
gas chromatography	GASC		
fluorescence	FLUOR		
electrolytically coupled plasma	ICP		

AUTHORISED OFFICER

65

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

81780

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 653	5.11.81	1707	1 OF 1

ITEM No.	SAMPLE No.	Au ppm	wt gm
1	SR55 0-2	X	63.50
2	SR55 2-4	X	82.83
3	SR55 4-6	X	68.93
4	SR55 6-8	0.003	74.25
5	SR56 0-2	0.049	146.13
6	SR56 2-4	0.074	137.36
7	SR56 4-6	0.002	123.27
8	SR56 6-8	X	115.82
9	SR56 8-10	0.007	105.79
10	SR56 10-12	0.003	85.10
11	SR56 12-14	0.013	96.72
12	SR57 0-2	X	56.58
13	SR57 2-4	0.004	65.58
14	SR57 4-6	0.003	78.63
15	SR57 6-8	0.016	95.71
16	SR57 8-10	0.005	105.20
17	SR57 10-12	X	116.53
18	SR58 0-2	X	61.85
19	SR58 2-4	X	42.13
20	SR58 4-6	X	81.04
21	SR58 6-8	X	79.67
22	SR58 8-10	0.269	83.84
23	SR58 10-12	0.008	60.97
24	SR58 12-14	0.026	68.88
25	SR58 14-16	0.013	76.84

* Results are subject to the terms and conditions set out overleaf.
X = element not determined

AUTHORISED SIGNATURE

ANALABS

A Division of MacDonald Hamilton & Co. (NZ) Ltd.

8117281

ANALYTICAL DATA

SAMPLE PREP'N		REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
		6.2 08 653	5.11.81	1707	2 OF

LINE No.	SAMPLE No.		Au g/t	Ag g/t						
1	SR59 0-2		0.002	117.06						
2	SR59 2-4		0.005	100.35						
3	SR59 4-6		0.005	104.35						
4	SR59 6-8		0.006	80.93						
5	SR59 8-10		X	89.69						
6	SR59 10-12		0.003	96.87						
7	SR60 0-2		0.002	136.44						
8	SR60 2-4		0.002	110.04						
9	SR60 4-6		0.006	87.79						
10	SR60 6-8		X	98.79						
11	SR60 8-10		0.005	98.71						
12	SR61 0-2		X	130.18						
13	SR61 2-4		0.004	77.69						
14	SR61 4-6		0.002	111.58						
15	SR61 6-8		0.005	103.56						
16	SR62 0-2		0.020	165.10						
17	SR62 2-4		0.004	140.00						
18	SR62 4-6		0.006	91.91						
19	SR63 0-2		X	106.69						
20	SR63 2-4		0.005	103.55						
21	SR63 4-6		0.007	72.09						
22	SR64 0-2		0.003	77.41						
23	SR64 2-4		0.853	80.39						
24	SR64 4-6		0.011	94.70						
25	SR64 6-8		0.004	61.42						

* Results by Aqua Regia Extraction
X = Sample not received or insufficient sample for analysis

ANALABS

An Associate of MacDonald Hunter Group Pty. Ltd.

81728

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 653	6.11.81	1707	3 OF 4

TUBE No.	Location No.		Pb%	Zn PPM						
1	SR65 0-2		0.006	78.72						
2	SR65 2-4		0.008	103.52						
3	SR65 4-6		0.005	91.65						
4	SR65 6-8		0.011	91.90						
5	SR65 8-10		0.007	73.70						
6	SR65 10-12		0.005	108.43						
7	SR66 0-2		0.005	109.44						
8	SR66 2-4		0.006	85.74						
9	SR66 4-6		0.004	60.87						
10	SR66 6-8		0.004	72.39						
11	SR67 0-2		0.003	82.23						
12	SR67 2-4		0.003	87.87						
13	SR67 4-6		0.006	88.64						
14	SR67 6-8		0.006	92.29						
15	SR68 0-2		0.004	70.40						
16	SR68 2-4		0.083	115.19						
17	SR68 4-6		0.005	97.67						
18	SR68 6-8		0.003	79.16						
19	SR68 8-10		0.003	75.29						
20	SR69 0-2		X	102.75						
21	SR69 2-4		0.013	115.45						
22	SR69 4-6		0.004	57.29						
23	SR69 6-8		X	92.85						
24	SR69 8-10		X	65.63						
25	SR70 0-2		0.005	55.08						

Results in parts per million unless otherwise stated.
X = element concentration is below detection limit
— = element not determined

ANALABS

A Division of MacDonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

17283

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 653	6.11.81	1707	4 OF 4

Line No.	Sample No.		Au	Pt-Au						
1	SR70 2-4		X	71.38						
2	SR70 4-6		X	81.61						
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION									
24	DIGESTION									
25	METHOD		RG50							

Results in ppm unless otherwise stated
X = element present above detection limit
- = element not detected

59

ANALABS

817284

A division of MacDonald Hamilton & Co. Pty. Ltd.
52 Murray Road, Welshpool, W.A. 6106
Phone (09) 458 7999
Telex AA92560

ANALYTICAL REPORT No. 6.2 08 654

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.	PROJECT
1708	2421

DATE RECEIVED	RESULTS REQUIRED
30.10.81	

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	6.11.81	3	65

STATE OF SAMPLES		PRE-TREATMENT							ANALYSIS		
[illegible]	SAMPLE NUMBERS	DRY	CRUSH	SPLIT	PULVERISE	SIEVE	OTHER SEE REMARKS	[illegible]	[illegible]	PREPARATION	METHOD
	SR95 - SR108				1				weight(g) Au		RG50

RESULTS TO
269 Wellington
Street
Launceston

RESULTS TO

REMARKS

STATE OF SAMPLES	
whole core	WC
split core	SC
cuttings	CU
[illegible]	Ro
soil	SO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	WA
[illegible]	[illegible]
[illegible] sediments	[illegible]
heavy minerals	HM

ANALYSIS — PREPARATION			
perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	MA
aqua regia	A4	alkaline attack	AA
nitric/perchloric	A5	[illegible]	VO
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
fusion	[illegible]	[illegible]	[illegible]

ANALYSIS — METHOD	
atomic absorption	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
colorimetry	COL
chromatography	CHR
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
inductively coupled plasma	ICP

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hunter Pty Ltd

817285

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 654	6.11.91	1708	1 OF 3

ITEM No.	SAMPLE No.		Au	Ag g/t						
1	SR95 0-2		X	48.00						
2	SR95 2-4		X	88.03						
3	SR95 4-6		X	69.57						
4	SR95 6-8		0.003	103.34						
5	SR95 8-10		X	96.80						
6	SR96 0-2		0.002	118.85						
7	SR96 2-4		X	76.65						
8	SR96 4-6		0.003	74.60						
9	SR96 6-8		0.003	89.44						
10	SR97 0-2		0.003	85.84						
11	SR97 2-4		X	63.45						
12	SR97 4-6		X	76.62						
13	SR97 6-8		0.006	78.30						
14	SR98 0-2		0.089	123.04						
15	SR98 2-4		0.005	52.92						
16	SR98 4-6		X	66.59						
17	SR98 6-8		X	93.82						
18	SR99 0-2		X	94.05						
19	SR99 2-4		X	79.42						
20	SR99 4-6		X	80.43						
21	SR99 6-8		0.004	71.44						
22	SR100 0-2		X	105.28						
23	SR100 2-4		X	65.85						
24	SR100 4-6		0.003	81.47						
25	SR100 6-8		0.006	87.50						

X = Sample not determined

ANALABS

A Division of Woodward-Clyde Consultants (NSW) Pty. Ltd.

617280

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 654	6.11.81	1708	2 OF 3

Lab No.	SAMPLE No.	Pb %	Wt (g)						
1	SR101 0-2	X	56.96						
2	SR101 2-4	X	33.03						
3	SR101 4-6	X	49.57						
4	SR101 8-10	0.003	98.00						
5	SR101 10-12	0.004	66.12						
6	SR101 12-14	0.013	98.25						
7	SR102 0-2	0.004	71.17						
8	SR102 2-4	0.479	91.14						
9	SR102 4-6	0.019	92.83						
10	SR102 6-8	0.006	45.76						
11	SR102 8-10	0.003	68.91						
12	SR102 10-12	0,005	108.96						
13	SR103 0-2	X	73.44						
14	SR103 2-4	1.32	62.58						
15	SR103 4-6	0.008	67.08						
16	SR103 6-8	0.009	58.75						
17	SR103 8-10	0.018	83.69						
18	SR104 0-2	0.003	83.83						
19	SR104 2-4	0.003	79.23						
20	SR104 4-6	0.002	62.86						
21	SR105 0-2	0.102	62.42						
22	SR105 2-4	X	75.27						
23	SR105 4-6	0.005	100.75						
24	SR105 6-8	0.052	95.26						
25	SR105 8-10	0.043	88.77						

X = element present, but concentration is beyond calibration range
- = element not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

81728

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 654	6.11.81	1708	3 OF 3

LINE No.	SAMPLE No.	Au ppm	Ag ppm							
1	SR106 0-2	0.003	79.91							
2	SR106 2-4	0.002	111.61							
3	SR106 4-6	0.003	101.61							
4	SR106 6-8	0.003	87.88							
5	SR106 8-10	0.003	95.52							
6	SR107 0-2	0.004	63.49							
7	SR107 2-4	0.332	62.53							
8	SR107 4-6	0.004	60.72							
9	SR107 6-8	0.003	87.64							
10	SR108 0-2	X	95.39							
11	SR108 2-4	0.111	89.28							
12	SR108 4-6	X	100.77							
13	SR108 6-8	0.003	100.12							
14	SR108 8-10	0.002	104.22							
15	SR108 10-12	0.003	91.51							
16										
17										
18										
19										
20										
21										
22										
23	DETECTION									
24	DIGESTION									
25	METHOD	RG50								

AUTHORISED OFFICER

ANALABS

817288

A division of MacDonald Hamilton & Co. Pty. Ltd.

Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

ANALYTICAL REPORT No. 6.2 08 709

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.	PROJECT
1710	2421

DATE RECEIVED	RESULTS REQUIRED
27.11.81	

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	3.12.81	3	184

SAMPLE TYPE	SAMPLE NUMBERS	PRE-TREATMENT: DRY	PRE-TREATMENT: CRUSH	PRE-TREATMENT: SPLIT	PRE-TREATMENT: PULVERISE	PRE-TREATMENT: SIEVE	PRE-TREATMENT: OTHER (SPECIFY)	PRE-TREATMENT: SPECIAL INSTRUCTIONS	ANALYSIS	ANALYSIS: REFER TO COLLECTION METHOD	ANALYSIS: PREPARATION	ANALYSIS: METHOD
UM	SR11-SR150				1				Weight Au			RG50

RESULTS TO

269 Wellington St
Launceston 7250

RESULTS TO

REMARKS

STATE OF SAMPLES

whole core	WC
part core	SC
drilling	CU
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
heavy mineral	HM

ANALYSIS — PREPARATION

perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	MA
aqua regia	A4	alkaline oxide	AA
nitric-perchloric	A5	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

ANALYSIS — METHOD

atomic absorption	AAS		
x-ray fluorescence	XRF		
spectrophotometry	SPEC		
colorimetry	COL		
chromatography	CHR		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		

AUTHORISED OFFICER

ANALABS

A division of Noel Deeming & Associates (Pty) Ltd.

817289

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	1 OF 8

TUBE No.	SAMPLE No.		Pb%	Mn%						
1	SR11 0-2		0.016	48.93						
2	SR11 2-4		0.005	50.41						
3	SR11 4-6		X	30.80						
4	SR12 0-2		0.196	32.74						
5	SR12 2-4		0.015	35.25						
6	SR12 4-6		0.024	42.31						
7	SR13 0-2		X	42.34						
8	SR13 2-4		0.551	44.16						
9	SR13 4-6		0.009	29.50						
10	SR14 0-2		0.119	34.53						
11	SR14 2-4		X	33.20						
12	SR15 0-2		0.016	34.27						
13	SR15 2-4		0.024	33.02						
14	SR15 4-6		X	32.76						
15	SR71 0-2		0.023	33.91						
16	SR71 2-4		0.289	36.47						
17	SR71 4-6		5.93	38.97						
18	SR71 6-8		2.07	33.84						
19	SR71 8-10		0.585	41.92						
20	SR72 0-2		0.014	35.66						
21	SR72 2-4		X	37.37						
22	SR72 4-6		X	31.51						
23	SR73 0-2		X	37.24						
24	SR73 2-4		2.55	38.26						
25	SR73 4-6		0.006	45.98						

T = Sample contains more than the amount measured
X = Element present in excess concentration
— = Element not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. (S.A.) Ltd.

817290

ANALYTICAL DATA

SAMPLE PERIOD	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	2 OF 8

Sample No.	Sample ID		Au ppb	Ag ppm						
1	SR74 0-2		0.005	50.13						
2	SR74 2-4		0.005	48.25						
3	SR74 4-6		6.78	37.01						
4	SR74 6-8		X	25.04						
5	SR75 0-2		0.023	93.94						
6	SR75 2-4		4.04	47.28						
7	SR75 4-6		0.845	44.95						
8	SR76 0-2		X	33.98						
9	SR76 2-4		7.15	44.20						
10	SR76 4-6		16.2	31.16						
11	SR76 6-8		0.189	46.00						
12	SR77 0-2		0.046	39.90						
13	SR77 2-4		0.005	48.64						
14	SR77 4-6		0.008	34.20						
15	SR78 0-2		0.035	36.18						
16	SR78 2-4		0.020	38.05						
17	SR78 4-6		25.7	40.29						
18	SR79 0-2		0.253	40.07						
19	SR79 2-4		4.41	38.97						
20	SR79 4-6		0.024	32.67						
21	SR80 0-2		X	40.33						
22	SR80 2-4	.	25.6	34.99						
23	SR80 4-6		52.8	38.65						
24	SR80 6-8		0.016	32.40						
25	SR81 0-2		X	52.99						

X = element present, but not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

81-7291

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	3 OF 8

LAB. No.	SAMPLE No.		Au (ppb)								
1	SR81 2-4		1.20	41.34							
2	SR81 4-6		X	37.28							
3	SR82 0-2		0.833	37.79							
4	SR82 2-4		2.04	31.40							
5	SR82 4-6		X	39.64							
6	SR83 0-2		X	57.07							
7	SR83 2-4		X	32.22							
8	SR83 4-6		X	39.64							
9	SR84 0-2		X	30.31							
10	SR84 2-4		38.2	26.64							
11	SR84 4-6		X	29.68							
12	SR84 6-8		0.440	16.57							
13	SR20A 0-2		X	39.52							
14	SR20A 2-4		0.347	30.35							
15	SR20A 4-6		9.02	34.91							
16	SR20A 6-8		1.64	31.20							
17	SR21A 0-2		0.024	31.51							
18	SR21A 2-4		0.078	32.85							
19	SR21A 4-6		0.032	48.50							
20	SR21A 6-8		0.021	25.82							
21	SR85 0-2		0.068	27.91							
22	SR85 2-4		0.774	41.26							
23	SR86 0-2		1.94	50.55							
24	SR86 2-4		0.033	41.25							
25	SR86 4-6		0.008	33.94							

AUTHORISED SIGNATURE

28

ANALABS

A division of MacDonald Hamilton & Co. (NZ) Ltd.

817292

ANALYTICAL DATA

SAMPLE PREP'N	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	4 OF 8

TUBE No.	SAMPLE No.		Cu %	Mass gm						
1	SR87 0-2		X	42.25						
2	SR87 2-4		0.526	51.45						
3	SR87 4-6		X	40.19						
4	SR88 0-2		X	17.06						
5	SR88 2-4		0.078	51.44						
6	SR88 4-6		0.029	26.65						
7	SR91 0-2		0.015	33.17						
8	SR91 2-4		X	32.35						
9	SR91 4-6		7.77	35.19						
10	SR91 6-8		1.17	37.67						
11	SR92 0-2		0.135	40.52						
12	SR92 2-2.5		X	44.23						
13	SR93 0-2		0.285	39.43						
14	SR94 0-2		X	26.28						
15	SR94 2-4		X	33.83						
16	SR94 4-6		1.54	47.98						
17	SR94 6-8		0.546	53.73						
18	SR109 0-2		X	40.78						
19	SR109 2-4		0.043	30.93						
20	SR109 4-6		X	36.49						
21	SR110 0-2		X	30.35						
22	SR110 2-4		X	34.44						
23	SR110 4-6		X	26.43						
24	SR111 0-2		X	33.48						
25	SR111 2-4		X	37.81						

X = element present, but concentration too low to measure
N = Analysis requested but element not detected
— = element not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

81293

ANALYTICAL DATA

SAMPLE PREPN	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	5 OF 8

TUBE No.	SAMPLE No.	Au ppb	WEIGHT gms						
1	SR111 4-6	X	30.87						
2	SR112 0-2	17.4	28.99						
3	SR112 2-4	X	33.73						
4	SR112 4-6	0.007	37.76						
5	SR113 0-2	0.426	33.04						
6	SR113 2-4	0.192	48.80						
7	SR113 4-6	X	34.08						
8	SR113 6-8	X	36.25						
9	SR114 2-4	X	34.57						
10	SR115 0-2	0.416	36.63						
11	SR115 2-4	X	28.95						
12	SR115 4-5.56	X	35.48						
13	SR116 0-2	0.409	31.58						
14	SR116 2-4	X	31.09						
15	SR117 0-2	X	34.71						
16	SR117 2-2.75	X	37.27						
17	SR118 0-2	X	28.27						
18	SR118 2-4	0.471	30.48						
19	SR118 4-6	161.6	36.45						
20	SR119 0-2	X	41.73						
21	SR119 2-4	1.56	27.60						
22	SR119 4-6	X	58.27						
23	SR122 0-2	0.016	31.85						
24	SR122 2-4	X	36.69						
25	SR122 4-6	12.1	28.47						

Results apply to samples as received.

APPROVED OFFICER

ANALABS

A division of Mechanical Technology (NZ) Ltd

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	6 OF 8

SAMPLE No.	SAMPLE		Au g/t	Ag g/t						
1	SR123 0-2		0.056	32.60						
2	SR123 2-4		0.061	25.80						
3	SR123 4-6		4.51	36.63						
4	SR124 0-2		X	40.27						
5	SR124 2-4		X	39.93						
6	SR124 4-6		0.284	61.45						
7	SR125 0-2		X	37.10						
8	SR125 2-4		X	28.00						
9	SR125 4-6		X	31.01						
10	SR127 0-2		X	36.24						
11	SR127 2-4		119.9	24.55						
12	SR127 4-6		X	40.61						
13	SR128 0-2		0.113	45.99						
14	SR128 2-4		X	35.42						
15	SR128 4-6		X	35.29						
16	SR129 0-2		X	36.66						
17	SR129 2-4		X	44.69						
18	SR129 4-6		X	47.41						
19	SR130 0-2		X	46.40						
20	SR130 2-4		0.070	33.02						
21	SR130 4-6		X	41.19						
22	SR131 0-2		X	37.24						
23	SR131 2-4		0.006	44.14						
24	SR131 4-6		0.059	34.85						
25	SR140 0-2		0.022	37.20						

X = Strength not determined

HOUSE SPACE

ANALABS

A division of MacDonald Hamilton & Co. (Edm.) Ltd.

817295

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	7 OF 8

ITEM No.	SAMPLE No.		Au ppm	W ppm						
1	SR140 2-4		X	29.48						
2	SR140 4-6		0.022	25.11						
3	SR141 0-2		X	26.26						
4	SR141 2-4		0.020	28.07						
5	SR141 4-6		0.009	32.12						
6	SR142 0-2		X	27.49						
7	SR142 2-4		0.470	31.43						
8	SR142 4-6		X	30.31						
9	SR143 0-2		X	30.41						
10	SR143 2-4		0.999	35.44						
11	SR143 4-6		X	31.40						
12	SR143 6-8		0.060	33.91						
13	SR144 0-2		X	31.49						
14	SR144 2-4		0.030	33.52						
15	SR144 4-6		0.008	31.80						
16	SR144 6-8		X	32.58						
17	SR145 0-2		X	26.97						
18	SR145 2-4		X	34.66						
19	SR145 4-6		X	31.66						
20	SR146 0-2		X	26.48						
21	SR146 2-4		13.2	26.82						
22	SR146 4-6		0.197	26.52						
23	SR147 0-2		0.074	27.04						
24	SR147 2-4		X	25.09						
25	SR147 4-6		0.010	28.32						

Results by atom absorption unless otherwise specified
I = element present, but confirmation not obtained due to interferences
X = element not present to limit of detection noted
— = element not determined

AUTHORIZED SIGNATURE

ANALABS

Associated with MacDonald Hamilton & Co. (N.Z.) Ltd.

817296

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 709	3.12.81	1710	8 OF 8

TUBE No.	SAMPLE No.		PRO	[illegible]						
1	SR148 0-2		X	38.90						
2	SR148 2-4		0.523	36.89						
3	SR148 4-6		X	25.77						
4	SR149 0-2		X	37.41						
5	SR149 2-4		0.017	30.12						
6	SR149 4-6		1.04	29.45						
7	SR150 0-2		0.018	29.49						
8	SR150 2-4		X	27.47						
9	SR150 4-6		0.007	37.67						
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION									
24	DIGESTION									
25	METHOD		RG50							

Reporting in mg/kg unless otherwise specified

X = detected present but below detection limit

– = analysis not determined

AUTHORISED SIGNATURE

ANALABS

817297

A division of MacDonald Hamilton & Co. Pty. Ltd.
Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

ANALYTICAL REPORT No. 6.2 08 728

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.	PROJECT
1711	2421

DATE RECEIVED	RESULTS REQUIRED
7.12.81	

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	10.12.81	3	159

STATE OF SAMPLES		PRE-TREATMENT								ANALYSIS			
LAB. No.	SAMPLE NUMBERS	DRY	CRUSH	SPLIT	PUL-VERISE	SIEVE	OTHER (SEE REMARKS)	ASHING		REFER TO ANALYSIS SECTION	PREPARATION	METHOD
1-159	SR132-191				1					Weight(g) Au		RG50

RESULTS TO: Attn: B. Mellor
269 Wellington St
Launceston

RESULTS TO:

REMARKS

STATE OF SAMPLES

whole core	WC
split core	SC
drilling	CU
rock	Rk
soil	SO
pulp	PU
other	WA
ore	Ti
stream sediment	SS
heavy mineral	HM

ANALYSIS — PREPARATION

perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	OMA
aqua regia	A4	alkaline sinter	ALK
nitric-perchloric	A5	volatilisation	VOL
HF elsewhere	A6	ignition	IGN
HF under pressure	A7	preconcentration (see remarks)	PRE
fusion	A8	direct analysis (DIR)	DIR

ANALYSIS — METHOD

atomic absorption	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
potentiometry	POT
chromatography	CHR
titration	TITR
gravimetric	GRAV
emission spectroscopy	ESPEC
fluorescence	FLUOR
inductively coupled plasma	ICP

AUTHORISED OFFICER

ANALABS

A Division of McDonald Analytical (1978) Pty. Ltd.

ANALYTICAL DATA

81298

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 728	10.12.81	1711	1 OF 7

ITEM No.	SAMPLE No.	Au (ppm)								
1	SR 132 0-2	0.120	40.56							
2	SR 132 2-4	X	26.71							
3	SR 132 4-6	X	27.42							
4	SR 132 6-8	X	24.19							
5	SR 133 0-2	X	44.08							
6	SR 133 2-4	X	38.71							
7	SR 133 4-6	X	41.90							
8	SR 134 0-2	0.008	31.75							
9	SR 134 2-4	X	33.13							
10	SR 134 4-6	X	24.13							
11	SR 135 0-2	0.007	39.59							
12	SR 135 2-4	X	32.64							
13	SR 135 4-6	X	33.39							
14	SR 136 0-2	0.068	30.68							
15	SR 136 2-4	X	44.55							
16	SR 136 4-6	0.053	34.47							
17	SR 137 0-2	0.066	39.42							
18	SR 137 2-4	X	39.05							
19	SR 137 4-6	X	53.52							
20	SR 138 0-2	0.037	27.48							
21	SR 138 2-4	0.557	31.17							
22	SR 138 4-6	0.018	42.84							
23	SR 139 0-2	X	44.30							
24	SR 139 2-4	0.485	47.20							
25	SR 139 4-6	X	36.98							

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. Pty Ltd.

817209

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 728	10.12.81	1711	2 OF 7

TUBE No.	SAMPLE No.	Au ppb	Au ppb REQ.						
1	SR 149 6-8	X	99.53						
2	SR 150 6-8	0.003	88.96						
3	SR 151 0-2	X	91.44						
4	SR 151 2-4	X	55.78						
5	SR 151 4-6	0.003	89.04						
6	SR 152 0-2	X	86.81						
7	SR 152 2-4	0.110	46.25						
8	SR 152 4-6	0.980	68.12						
9	SR 153 0-2	0.008	35.84						
10	SR 153 2-4	X	39.94						
11	SR 154 0-2	0.010	27.25						
12	SR 154 2-4	0.014	38.18						
13	SR 154 4-6	0.163	39.10						
14	SR 155 0-2	0.017	45.78						
15	SR 155 2-4	0.013	41.45						
16	SR 155 4-6	0.087	30.07						
17	SR 156 0-2	X	45.23						
18	SR 156 2-4	0.181	43.66						
19	SR 156 4-6	0.014	38.03						
20	SR 157 0-2	0.013	39.16						
21	SR 157 2-4	0.012	43.11						
22	SR 157 4-6	0.022	34.63						
23	SR 158 0-2	X	31.37						
24	SR 158 2-4	2.33	32.10						
25	SR 158 4-6	0.006	40.92						

Results in ppm unless otherwise specified.
N = element not requested
X = element concentration is below detection limit
- = element not determined

AUTHORISED OFFICER

ANALABS

A division of MacDonald Rennison & Co. Pty. Ltd.

817300

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 728	10.12.81	1711	3 OF 7

TUBE No.	SAMPLE No.	Pb	Au ppb						
1	SR 159 0-2	X	43.41						
2	SR 159 2-4	X	42.84						
3	SR 159 4-6	X	55.85						
4	SR 160 0-2	X	38.34						
5	SR 160 2-4	0.006	41.58						
6	SR 160 4-6	0.005	53.65						
7	SR 161 0-2	0.086	45.14						
8	SR 161 2-4	0.195	35.11						
9	SR 161 4-6	0.012	43.84						
10	SR 161 6-8	0.012	44.29						
11	SR 162 0-2	0.006	43.16						
12	SR 162 2-4	X	50.94						
13	SR 162 4-6	X	49.07						
14	SR 163 0-2	X	34.56						
15	SR 163 2-4	0.055	38.05						
16	SR 163 4-6	7.27	39.54						
17	SR 164 0-2	X	45.03						
18	SR 164 2-4	0.441	27.41						
19	SR 164 4-6	0.037	54.53						
20	SR 165 0-2	0.026	29.80						
21	SR 165 2-4	X	61.37						
22	SR 165 4-6	0.087	41.23						
23	SR 166 0-2	X	27.95						
24	SR 166 2-4	X	45.62						
25	SR 166 4-6	0.014	36.26						

Samples in connection with which this report is issued are accepted subject to our standard trading conditions.
This report may not be reproduced except in full.

X = element present but concentration not determined
* = element not determined

AUTHORISED SIGNATURE

ANALABS

A division of MacDonald Hamilton & Co. (W.) Ltd.

81730

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 728	10.12.81	1711	4 OF 7

TUBE No.	SAMPLE No.	Au ppm	wt. g/cc						
1	SR 167 0-2	0.032	40.44						
2	SR 167 2-4	0.008	32.65						
3	SR 167 4-6	0.007	37.57						
4	SR 168 0-2	X	35.02						
5	SR 168 2-4	X	47.71						
6	SR 168 4-6	0.038	42.25						
7	SR 169 0-2	X	37.42						
8	SR 169 2-4	0.006	40.33						
9	SR 169 4-6	X	36.71						
10	SR 170 0-2	X	21.66						
11	SR 170 2-4	X	30.98						
12	SR 170 4-6	X	52.80						
13	SR 171 0-2	0.196	35.38						
14	SR 171 2-4	0.132	32.14						
15	SR 171 4-6	X	43.42						
16	SR 172 0-2	0.029	53.53						
17	SR 172 2-4	X	36.31						
18	SR 172 4-6	X	38.97						
19	SR 173 0-2	X	29.83						
20	SR 173 2-4	0.017	29.59						
21	SR 173 4-6	X	50.92						
22	SR 174 0-2	0.030	43.35						
23	SR 174 2-4	X	38.79						
24	SR 174 4-6	X	38.74						
25	SR 175 0-2	X	42.65						

Results in this report relate only to the items tested.

X = Not detected at or above the detection limit for this element.

-2 = Detected but below detection limit.

AUTHORISED OFFICER

ANALABS

A division of MacDonald Hamilton & Co. (1978) Ltd.

817302

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 728	10.12.81	1711	5 OF 7

Tank No.	Sample No.	Flu	ug/kg as
1	SR 175 2-4	X	37.30
2	SR 175 4-6	X	46.46
3	SR 176 0-2	X	44.39
4	SR 176 2-4	X	33.50
5	SR 176 4-6	X	33.34
6	SR 177 0-2	X	51.20
7	SR 177 2-4	X	37.57
8	SR 177 4-6	X	36.03
9	SR 178 0-2	X	37.60
10	SR 178 2-4	X	41.37
11	SR 178 4-6	X	30.37
12	SR 178 6-8	X	30.62
13	SR 178 8-10	X	36.90
14	SR 179 0-2	X	39.05
15	SR 179 2-4	X	38.16
16	SR 179 4-6	X	39.59
17	SR 179 6-8	3.00	33.96
18	SR 180 0-2	X	39.68
19	SR 180 2-4	0.593	37.90
20	SR 180 4-6	X	38.12
21	SR 180 6-8	X	35.72
22	SR 180 8-10	X	23.21
23	SR 181 0-2	0.010	26.73
24	SR 181 2-4	0.017	31.51
25	SR 181 4.6	0.365	26.82

X = ... concentration is below ... limit
* = ... not determined

REVISED

ANALABS

(A division of MacDonald Hamilton & Co. Pty. Ltd.)

817303

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 728	10.12.81	1711	6 OF 7

TUBE No.	SAMPLE No.	Pb %	Fe %						
1	SR 181 6-8	X	50.97						
2	SR 182 0-2	X	30.75						
3	SR 182 2-4	0.289	35.57						
4	SR 182 4-6	3.01	36.74						
5	SR 182 6-8	X	26.87						
6	SR 182 8-10	X	37.64						
7	SR 183 0-2	X	46.56						
8	SR 183 2-4	0.230	46.49						
9	SR 183 4-6	1.13	47.91						
10	SR 183 6-8	1.03	39.11						
11	SR 184 0-2	X	37.78						
12	SR 184 2-4	X	36.40						
13	SR 184 4-6	1.79	41.94						
14	SR 185 0-2	X	44.34						
15	SR 185 2-4	X	32.93						
16	SR 185 4-6	X	40.21						
17	SR 186 0-2	X	39.53						
18	SR 186 2-4	X	40.47						
19	SR 186 4-6	X	30.98						
20	SR 187 0-2	0.058	32.49						
21	SR 187 2-4	7.71	47.93						
22	SR 187 4-6	0.068	42.24						
23	SR 188 0-2	X	42.18						
24	SR 188 2-4	1.06	39.17						
25	SR 188 4-6	X	45.69						

X = Analysis completed on this sample, result below detection limit

— = Analysis not determined

AUTHORISED SIGNATURE

ANALABS

A Division of MacDonald Hamilton & Co. Pty. Ltd.

817304

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 88 728	10.12.81	1711	7 OF 7

TUBE No.	SAMPLE No.		Pb	Cu						
1	SR 189 0-2		X	36.61						
2	SR 189 2-4		X	38.16						
3	SR 189 4-6		X	40.48						
4	SR 190 0-2		X	35.62						
5	SR 190 2-4		X	35.33						
6	SR 190 4-6		X	33.23						
7	SR 191 0-2		X	49.01						
8	SR 191 2-4		X	37.57						
9	SR 191 4-6		X	37.39						
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23	DETECTION									
24	DIGESTION									
25	METHOD		RG50							

X = element present but concentration too low to measure

X = element present but concentration above upper limit

- = element not determined

AUTHORISED SIGNATURE

ANALABS

817305

A division of MacDonald Hamilton & Co. Pty. Ltd.

Phone (09) 458 7999 — 52 Murray Road, Welshpool, W.A. 6106 — Telex AA92560

ANALYTICAL REPORT No. 6.2 08 729

THIS REPORT MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING ANALYTICAL DATA

Australian Anglo American Ltd
581 Little Collins St
Melbourne
Victoria 3000

ORDER No.	PROJECT
1712	2421

DATE RECEIVED	RESULTS REQUIRED
7.12.81	

No. OF PAGES OF RESULTS	DATE REPORTED	No. OF COPIES	TOTAL No. OF SAMPLES
	11.12.81	3	91

STATE OF SAMPLES	SAMPLE NUMBER	PRE-TREATMENT: DRY	CRUSH	SPLIT	FLUID VOLUME	WEIGH	OTHER PRE-TREATMENT	WORK	ANALYSIS: REFER TO ANALYSIS SECTION	PREPARATION	METHOD
UM	SR89-212				1				Weight(g) Au		RG50

RESULTS TO

Attn: B. Mellor
269 Wellington St
Launceston

RESULTS TO

REMARKS

STATE OF SAMPLES

whole core	WC
½ core	SC
¼ core	QC
chip	CH
rock	RK
soil	SOIL
water	WA
other	OTH
stream sediment	SS
heavy mineral	HM

ANALYSIS — PREPARATION

perchloric acid	A1	cold acid	CA
hydrochloric acid	A2	specific sulphide	SS
nitric acid	A3	other mixed acids	AM
aqua regia	A4	alkaline attack	AA
nitric:perchloric	A5	volatilization	VO
HF mixtures	A6	ignition	IG
HF under pressure	A7	pressed powder (XRF)	PP
fusion	A8	glass bead (XRF)	GP

ANALYSIS — METHOD

atomic absorption	AAS
x-ray fluorescence	XRF
spectrophotometry	SPEC
colorimetry	COL
chromatography	CHR
titration	TTN
other [illegible]	CHEM
microscopy	MICR
fluorescence	FLUOR
[illegible] coupled plasma	ICP

AUTHORISED OFFICER

ANALABS

A division of MacDonald Scientific Co. Pty. Ltd.

817306

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 729	11.12.81	1712	1 OF 4

FIGURE No.	SAMPLE No.									
1	SR 89 0-2		X	37.66						
2	SR 89 2-4		X	39.90						
3	SR 89 4-6		0.739	40.66						
4	SR 90 0-2		X	33.88						
5	SR 90 2-4		0.010	48.45						
6	SR 90 4-6		6.57	49.48						
7	SR 126 0-2		0.204	33.12						
8	SR 126 2-4		X	29.16						
9	SR 126 4-6		1.44	46.40						
10	SR 126 6-8		X	24.26						
11	SR 192 0-2		X	31.18						
12	SR 192 2-4		X	39.44						
13	SR 193 0-2		X	28.43						
14	SR 193 2-4		X	33.80						
15	SR 193 4-6		0.008	33.54						
16	SR 194 0-2		X	26.38						
17	SR 194 2-4		X	41.20						
18	SR 195 0-2		X	31.76						
19	SR 195 2-4		0.027	46.50						
20	SR 195 4-6		X	42.50						
21	SR 196 0-2		0.007	36.33						
22	SR 196 2-4		X	37.48						
23	SR 196 4-6		X	45.66						
24	SR 197 0-2		X	45.12						
25	SR 197 2-4		0.020	39.35						

Results are given unless otherwise specified
X = element present but not determined
- = element not determined

2827

ANALABS

A division of MacQuarie Geotron & Co. Pty. Ltd.

817307

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	COURT ORDER No.	PAGE
	6.2 08 729	11.12.81	1712	2 OF 4

TUBE No.	SAMPLE No.	Au PPM	WEIGHT							
1	SR 197 4-6	0.006	40.49							
2	SR 198 0-2	X	25.10							
3	SR 198 2-4	X	36.12							
4	SR 198 4-6	0.008	34.32							
5	SR 198 6-8	X	42.56							
6	SR 198 8-10	X	45.70							
7	SR 199 0-2	X	33.76							
8	SR 199 2-4	X	34.25							
9	SR 199 4-6	X	41.19							
10	SR 199 6-8	0.779	45.85							
11	SR 199 8-10	X	31.43							
12	SR 200 0-2	0.007	40.01							
13	SR 200 2-4	X	32.23							
14	SR 200 4-6	X	31.20							
15	SR 200 6-8	X	38.50							
16	SR 201 0-2	X	27.36							
17	SR 201 2-4	X	44.94							
18	SR 201 4-6	X	39.11							
19	SR 201 6-8	X	42.76							
20	SR 202 0-2	X	36.39							
21	SR 202 2-4	0.104	32.68							
22	SR 202 4-6	X	33.79							
23	SR 202 6-8	X	26.38							
24	SR 202 8-10	X	44.18							
25	SR 203 0-2	X	32.31							

Results in ppm unless otherwise stated
T = Insufficient sample and/or interference due to matrix
X = Insufficient sample and/or below detection limit
— = Element not determined

Authorised by

ANALABS

A division of MacDonald Hamilton & Co. (Qld.) Pty. Ltd.

817308

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 729	11.12.81	1712	3 OF 4

PROBE No.	SAMPLE No.	Au ppb	Ag ppm						
1	SR 203 2-4	0.152	27.38						
2	SR 203 4-6	0.294	39.80						
3	SR 203 6-8	1.66	32.90						
4	SR 203 8-10	0.054	35.09						
5	SR 203 10-12	2.65	49.70						
6	SR 204 0-2	X	39.82						
7	SR 204 2-4	1.54	29.34						
8	SR 204 4-6	X	36.16						
9	SR 204 6-8	X	36.72						
10	SR 204 8-10	89.7	25.39						
11	SR 204 10-12	1.42	31.37						
12	SR 205 0-2	X	40.92						
13	SR 205 2-4	X	29.00						
14	SR 205 4-6	X	48.27						
15	SR 205 6-8	0.454	33.19						
16	SR 205 8-10	X	33.81						
17	SR 206 0-2	X	39.51						
18	SR 206 2-4	X	38.47						
19	SR 206 4-6	15.0	51.31						
20	SR 206 6-8	X	44.98						
21	SR 207 0-2	0.145	47.05						
22	SR 207 2-4	0.363	39.24						
23	SR 207 4-6	2.85	41.10						
24	SR 207 6-8	12.0	56.18						
25	SR 207 8-10	0.014	35.99						

X = Not detected at the lower limit of detection

— = Not determined

ANALABS

A division of Metallurgical Laboratories Pty. Ltd.

81309

ANALYTICAL DATA

SAMPLE PREFIX	REPORT NUMBER	REPORT DATE	CLIENT ORDER No.	PAGE
	6.2 08 729	11.12.81	1712	4 OF 4

LINE No.	Sample No.										
1	SR 208 0-2		X	48.94							
2	SR 208 2-4		0.303	41.67							
3	SR 208 4-6		5.03	43.34							
4	SR 208 6-8		0.072	45.70							
5	SR 209 0-2		1.26	57.43							
6	SR 209 2-4		0.032	42.73							
7	SR 209 4-6		X	47.29							
8	SR 210 0-2		0.011	48.52							
9	SR 210 2-4		X	42.20							
10	SR 210 4-6		1.07	38.47							
11	SR 210 6-8		X	44.85							
12	SR 211 0-2		X	63.71							
13	SR 211 2-4		X	56.31							
14	SR 211 4-6		X	46.84							
15	SR 212 0-2		X	53.40							
16	SR 212 2-4		0.215	30.72							
17											
18											
19											
20											
21											
22											
23	DETECTION										
24	DIGESTION										
25	METHOD		RG50								

X = Element present but not determined

— = Element not determined

AUTHORISED OFFICER

KEY:

- s — PRESENT RIVER ALLUVIUM — DENOTES AREAS ON WHICH TERRACES ARE DEVELOPED
- g — MODERN FLOODPLAIN ALLUVIALS
- tg — TERRACED ALLUVIALS — GEOLOGICAL BOUNDARY
- p — PARMEENER GROUP — AS ABOVE, APPROXIMATE
- do — DOLERITE — EDGE OF TERRACING WHEN IT DOES NOT CORRESPOND WITH A GEOLOGICAL BOUNDARY
- m — MATHINNA GROUP — AS ABOVE, APPROXIMATE

AREA NOT MAPPED

MOUNT NICHOLAS ROAD

FINGAL LINE

ESK MAIN ROAD

BREAK O'DAY RIVER

SOUTH ESK RIVER

The Outside Plain

The Inside Plain

Headlams Flat

Marshalls Flat

Mt Donalds Flat

Tods Flat

Evercreech

Malahide

Mutton's Creek

Big Hospital Creek

Little Hospital Creek

FLAT ROAD

EARNES ROAD

EVERCREECH ROAD

MATHINNA ROAD

MALAHIDE ROAD

McLEENS ROAD

5410N 5400N

90E 80E

05 95 85

N

5 cm

817210

82-1714 v.1

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK EL 22/80		
AREA	TASMANIA		
DATA	GEOLOGICAL MAP 2727		
COMPILED	TKS	SCALE	1:25000
DRAWN	2/82	REF No	TAS-9-52
AMENDED			

E77 E78 E79 580000mE E81 E82 E83

08N 07N 06N 05 405 000mN 04N 03N

WESTERN BOUNDARY of EL22/80

SOUTH ESK RIVER

MATHINNA ROAD

TAS-9-54 TAS-9-55 TAS-9-56 TAS-9-57 TAS-9-58 TAS-9-59 TAS-9-60 TAS-9-61 TAS-9-62 TAS-9-63

EVERCREECH

MARSHALLS FLAT

BEAUTY FLAT ROAD

SR1 SR9 SR120 SR153 SR34 SR171 SR62 SR132 SR192 SR95

A1 A2 A3 B1A B1 B2 B4 B5 B6 B7 C1 C2 C3 C4 C5 C6 C7 C8 J5 J6

X : individual holes with Au values
○ adjacent holes

STREAM
ROAD
TRACK

817311

215 Jetstream drill hole NB All hole numbers are prefixed SR

J6 Gemco drill hole(Reported in McBride Aug 1981)

5 cm

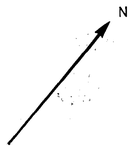
0 500m 1000m

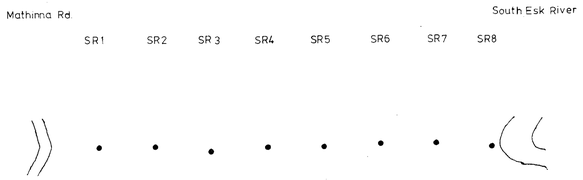
0 1km

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK EL 22/80		
AREA	TASMANIA 2726		
DATA	DRILL HOLE LOCATION		
COMPILED	BDM	SCALE	1:10 000
DRAWN	3/82	REF No	TAS-9-53
AMENDED			

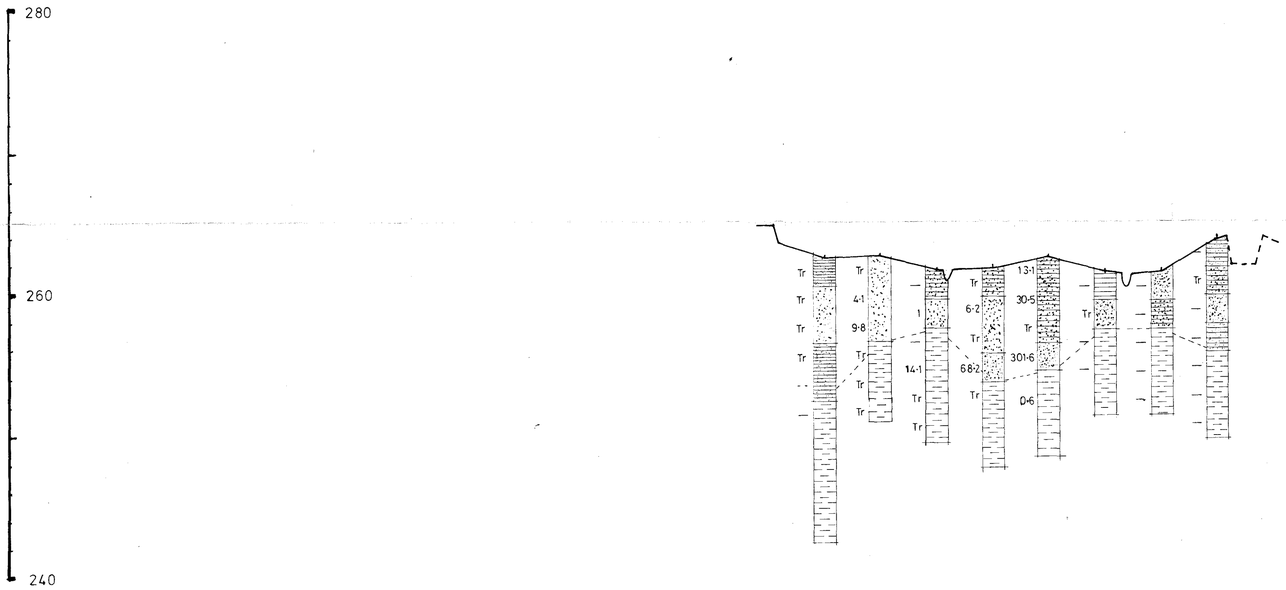
82-1714 v.1

PLAN



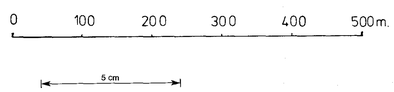


DRILL HOLE SECTION



KEY :

- CLAY
- SAND
- GRAVEL
- SHALE SILTSTONE (MATHINNA GROUP)
- DOLERITE
- 60.6 GRADE (mg Au/m^3)
- Tr TRACE
- – ANALYSIS BELOW LIMIT OF DETECTION

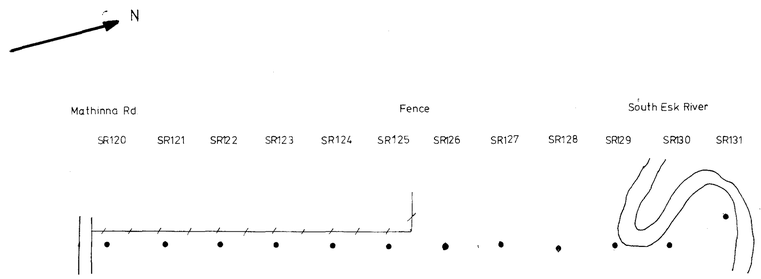


817315

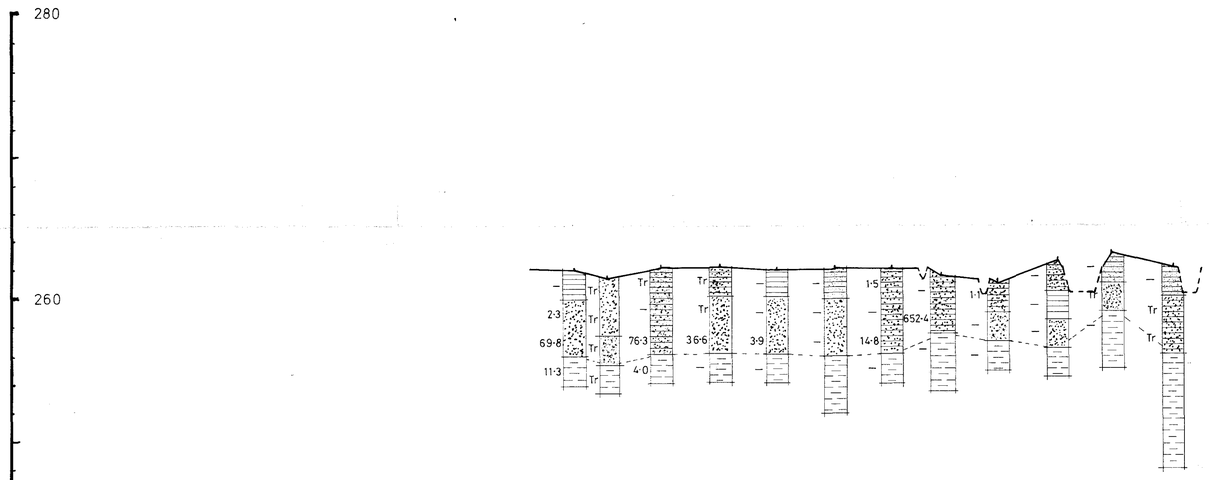
AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2723		
DATA	JETSTREAM R.C. DRILL HOLES OCT / NOV 1981		
COMPILED	T.K.S.	SCALE	V 1:200 H 1:4000
DRAWN	D.J.J. 2/82	REF No	TAS-9-54
AMENDED			

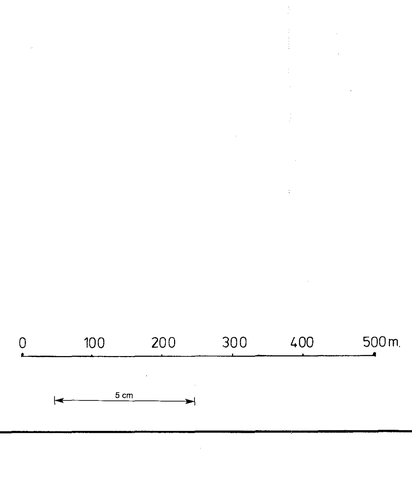
82-1714 v.1

PLAN



DRILL HOLE SECTION



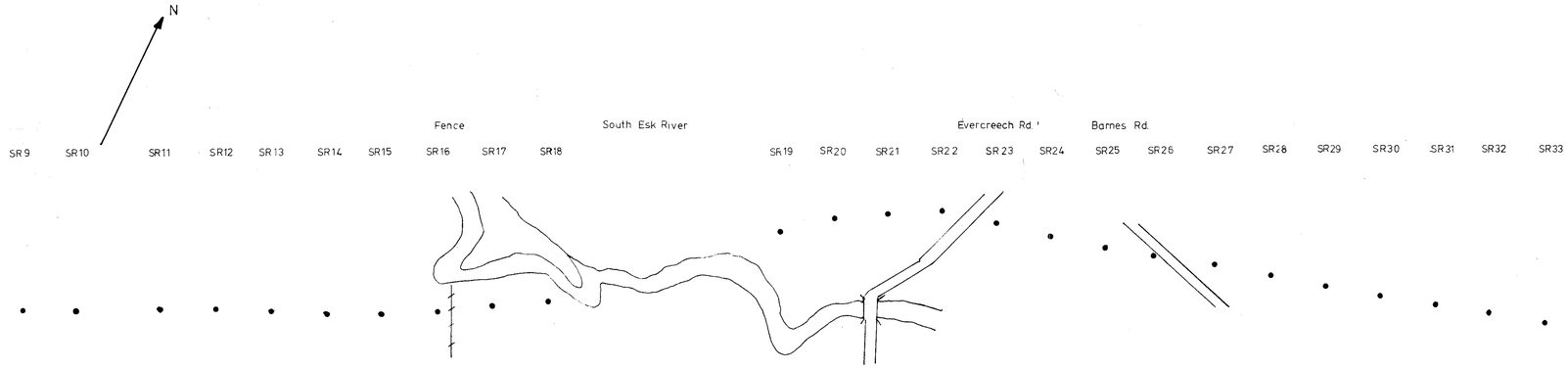


817313

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2730		
DATA	JETSTREAM R.C. DRILL HOLES OCT / NOV 1981		
COMPILED	T.K.S.	SCALE	V 1:200 H 1:4000
DRAWN	D.J.J. 2/82	REF No	TAS-9-55
AMENDED			

82-1714 v.1

PLAN



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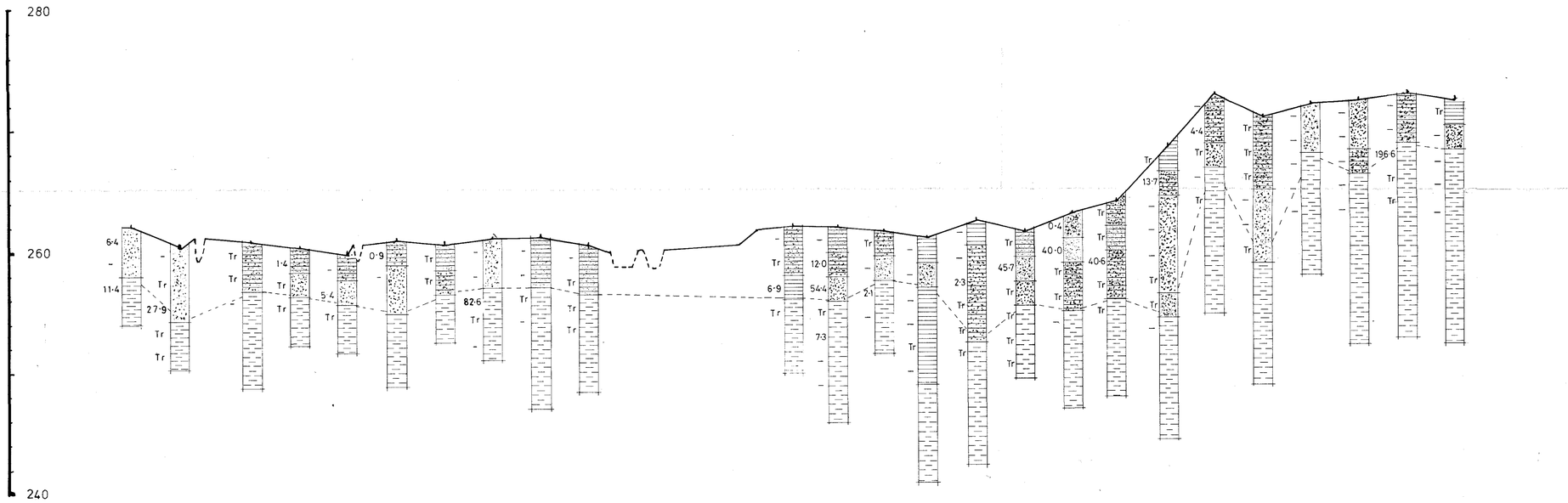
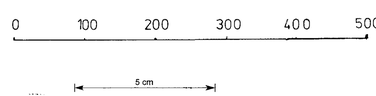




KEY :

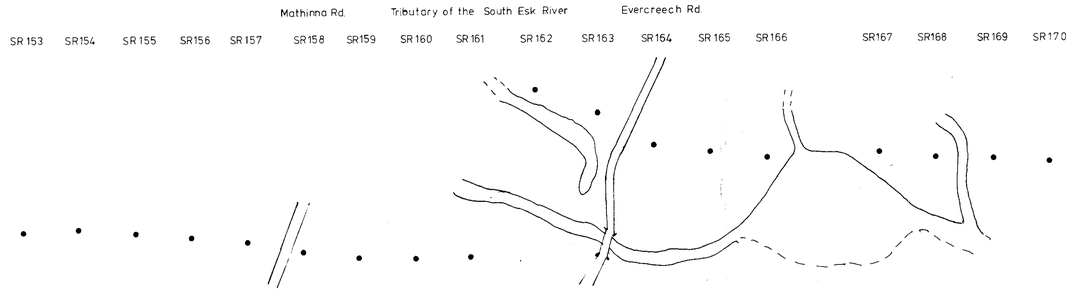
- CLAY
- SAND
- GRAVEL
- SHALE SILTSTONE (MATHINNA GROUP)
- DOLERITE
- 60·6 GRADE mg Au/m^3)
- Tr TRACE
- – ANALYSIS BELOW LIMIT OF DETECTION

817314

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2731		
DATA	JETSTREAM R.C. DRILL HOLES OCT / NOV 1981		
COMPILED	T.K.S.	SCALE	V 1:200 H 1:4000
DRAWN	D.J.J. 2/82	REF No	TAS-9-56
AMENDED			

82-1714 #1

PLAN



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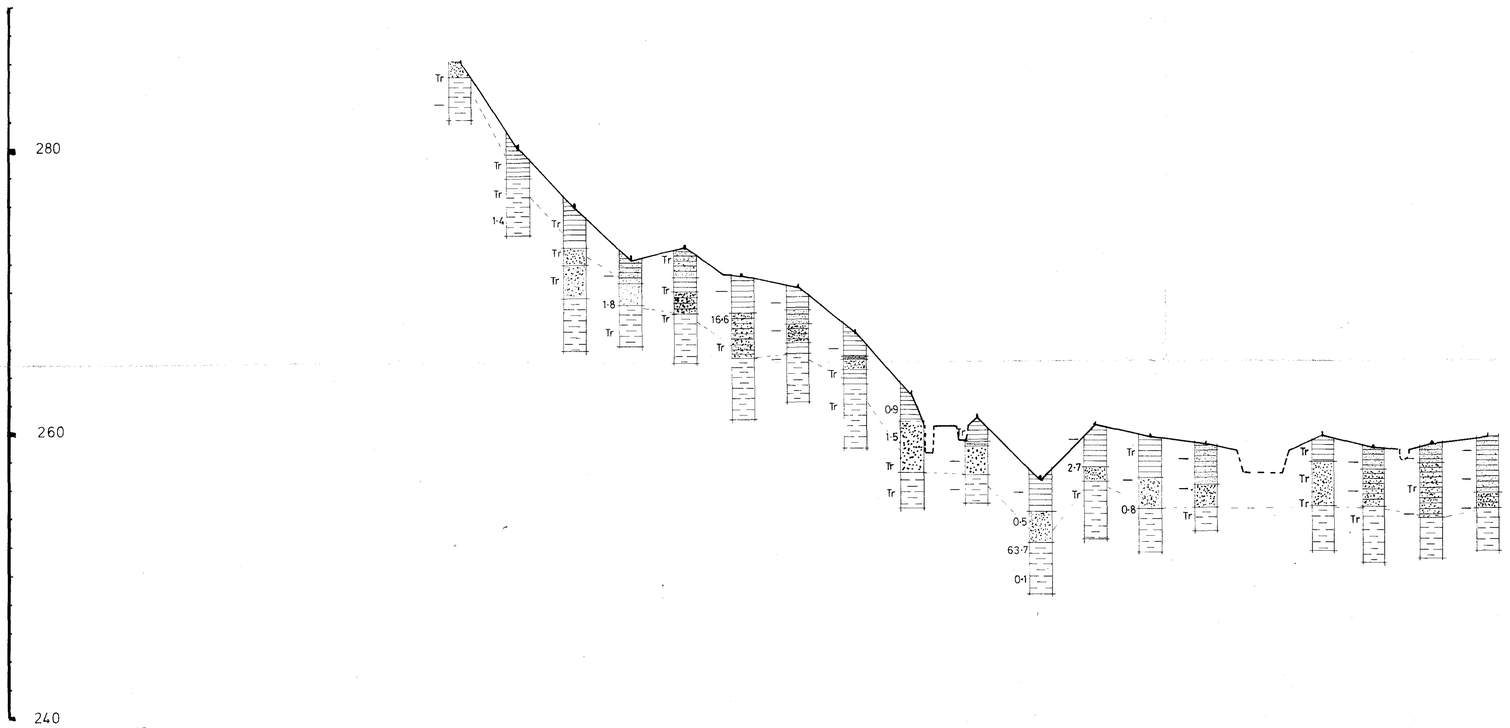
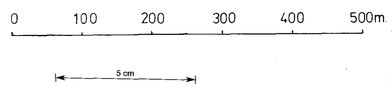




KEY :

CLAY

SAND

GRAVEL

SHALE SILTSTONE (MATHINNA GROUP)

DOLERITE

60 6 GRADE (mg Au/m^3)

Tr TRACE

— ANALYSIS BELOW LIMIT OF DETECTION

817815

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2732		
DATA	JETSTREAM R.C. DRILL HOLES OCT / NOV 1981		
COMPILED	TKS	SCALE	V 1:200 H 1:4000
DRAWN	D.J.J. 2/82	REF No	TAS-9-57
AMENDED			

82-1714 v.1

N

Mathinna Rd

South Esk River

SR34 SR35 SR36 SR37 SR38 SR39 SR40 SR41 SR42 SR43 SR44 SR45 SR46 SR47 SR48 SR49 SR50 SR51 SR52 SR53 SR54 SR55 SR85 SR86 SR87 SR88 SR89 SR90

PLAN

DRILL HOLE SECTION

m.a.s.l.

280

260

240

0 100 200 300 400 500 m.

5 cm

KEY :

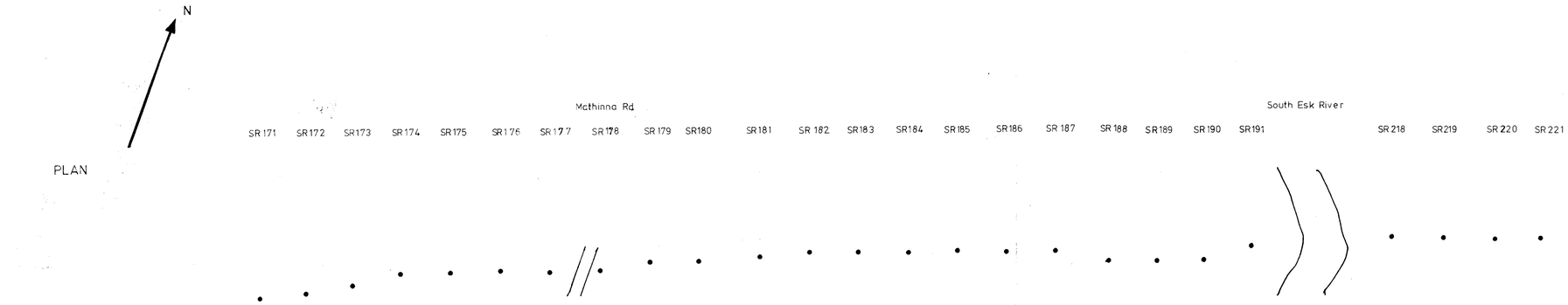
- CLAY
- SAND
- GRAVEL
- SHALE SILTSTONE (MATHINNA GROUP)
- DOLERITE
- 60 6 GRADE (mg Au/m^3)
- Tr TRACE
- – ANALYSIS BELOW LIMIT OF DETECTION

817316

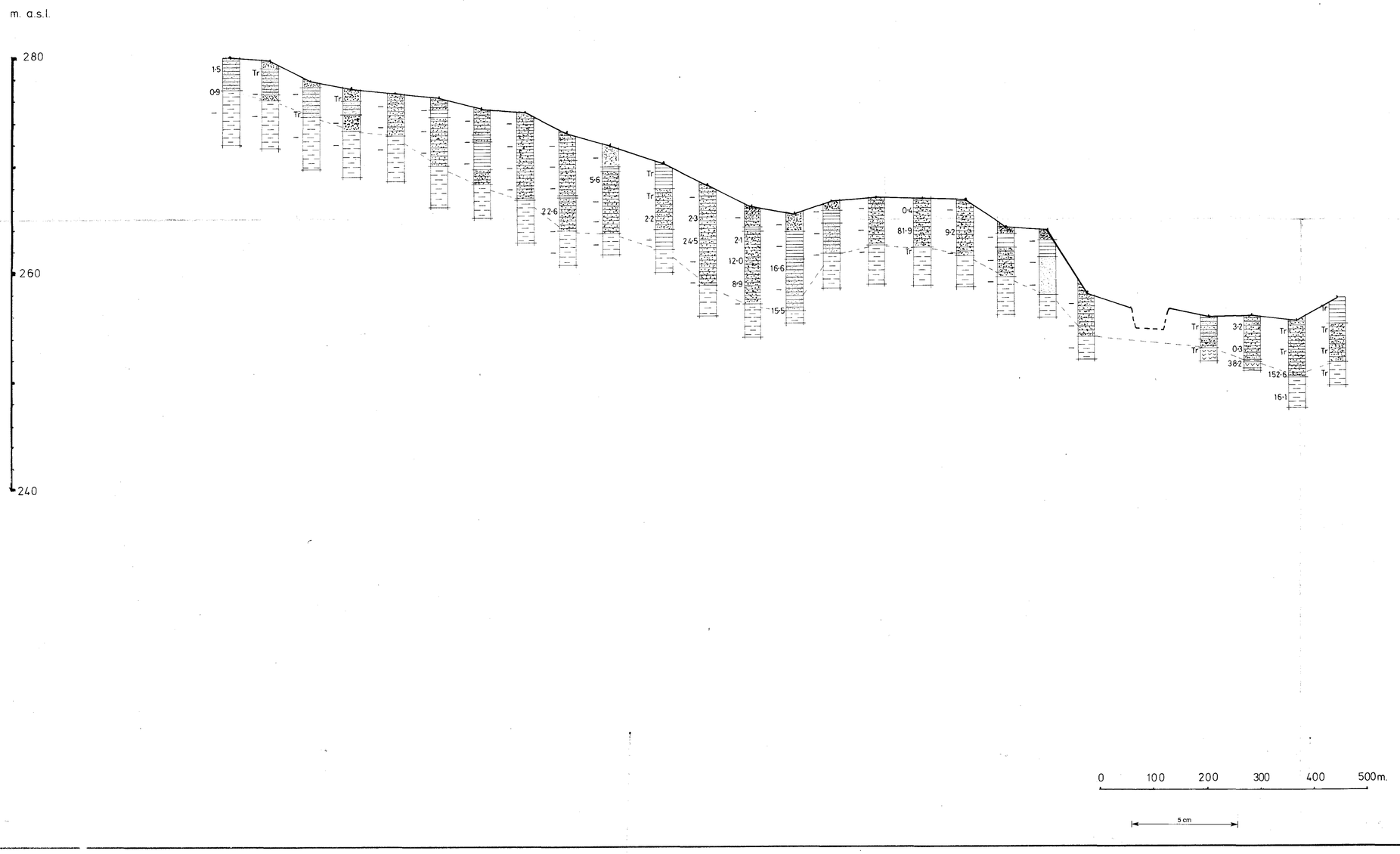
AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2733		
DATA	JETSTREAM R C DRILL HOLES OCT / NOV 1981		
COMPILED	T.K.S.	SCALE	V 1:200 H 1:4000
DRAWN	D.J.J. 2/82	REF No	TAS-9-58
AMENDED			

82-1714 v.1

PLAN



DRILL HOLE SECTION



KEY :

- CLAY
- SAND
- GRAVEL
- SHALE SILTSTONE (MATHINNA GROUP)
- DOLERITE
- 60·6 GRADE (mg Au/m^3)
- Tr TRACE
- — ANALYSIS BELOW LIMIT OF DETECTION

817317

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2734		
DATA	JETSTREAM R.C. DRILL HOLES OCT / NOV 1981		
COMPILED	TKS	SCALE	V 1:200 H 1:4000
DRAWN	D.J.J. 2/82	REF No	TAS-9-59
AMENDED			

82-1714 v.1

SR62 SR61 SR60 SR59 SR58 SR57 SR56 SR63 SR64 SR65 SR66 SR67 SR68 SR69 SR70 SR71 SR72 SR73 SR74 SR75 SR76 SR77 SR78 SR79 SR80 SR81 SR82 SR83 SR84 SR223 SR224 SR226 SR228 SR222 SR225 SR227

N

PLAN

Mathinna Rd

South Esk River

Tower Rd

DRILL HOLE SECTION

m.a.s.l.

280

260

240

0 100 200 300 400 500m.

5 cm

KEY:

- CLAY
- SAND
- GRAVEL
- SHALE, SILTSTONE (MATHINNA GROUP)

GRADE(mg Au/m^3)

Tr TRACE

\- ANALYSIS BELOW LIMIT OF DETECTION

817318

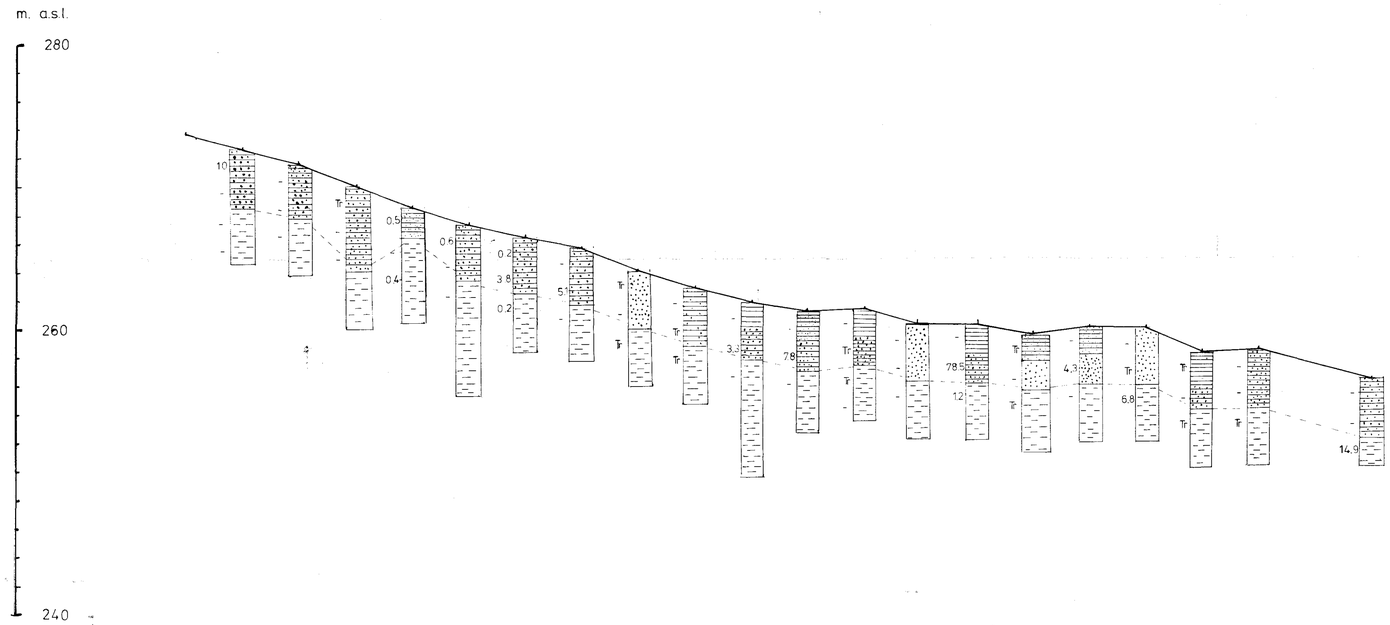
AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2735		
DATA	JETSTREAM R C DRILL HOLES OCT / NOV 1981		
COMPILED	T.K.S.	SCALE	V 1:200 H 1:4000
DRAWN	D.J.J. 2/82	REF No	TAS-9-60
AMENDED			

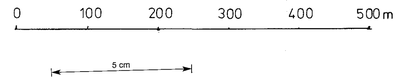
82-1714 v.1

N

PLAN

DRILL HOLE SECTION





KEY:

CLAY

SAND

GRAVEL

SHALE, SILTSTONE (MATHINNA GROUP)

6.8 GRADE (mg Au / m^3)

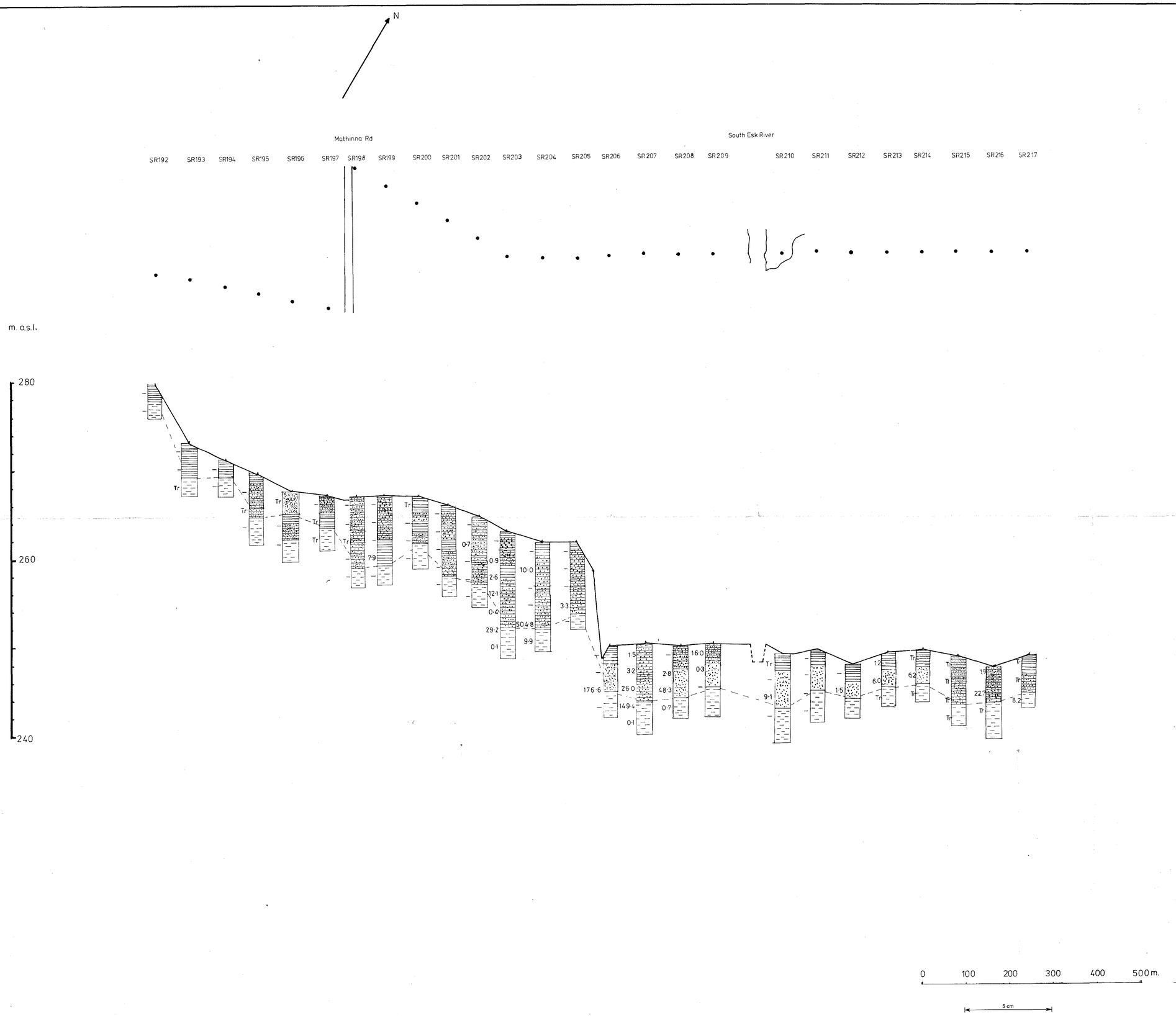
Tr TRACE

- ANALYSIS BELOW LIMIT OF DETECTION

817319

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2736		
DATA	JETSTREAM RC DRILL HOLES OCT/NOV 1981		
COMPILED	T.K.S	SCALE	V 1:200 H 1:4000
DRAWN	T.K.S 2/82	REF No	TAS-9-61
AMENDED			

82-1714 Vol1



KEY:

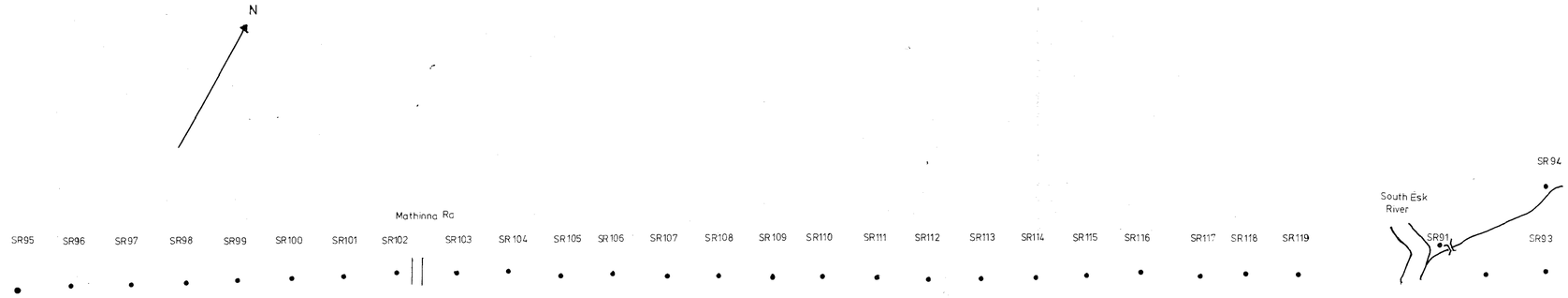
- CLAY
- DOLERITE
- SAND
- 1·9 GRADE (mg Au/m³)
- GRAVEL
- Tr TRACE
- \- ANALYSIS BELOW LIMIT OF DETECTION
- SHALE, SILTSTONE (MATHINNA GROUP)

817320

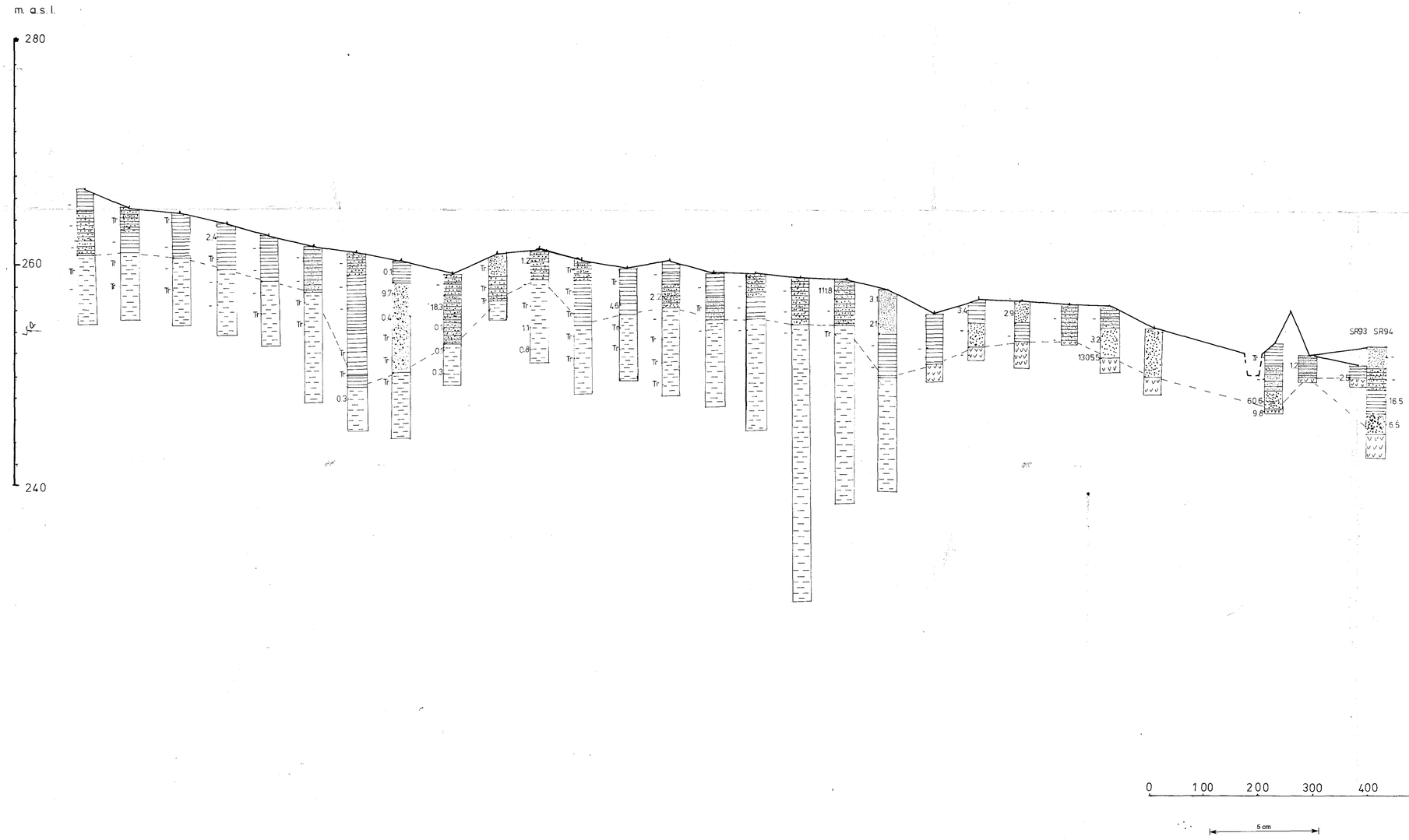
AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2737		
DATA	JETSTREAM RC DRILL HOLES OCT/NOV 1981		
COMPILED	T.K.S.	SCALE	V 1:200 H 1:4000
DRAWN	T.K.S. 2/82	REF No	TAS-9-62
AMENDED			

82-1714 W11

PLAN



DRILL HOLE SECTION



KEY:

- CLAY
- SAND
- GRAVEL
- SHALE, SILTSTONE (MATHINNA GROUP)
- DOLERITE
- 60.6 GRADE (mg Au/m^3)
- Tr TRACE
- \- ANALYSIS BELOW LIMIT OF DETECTION

817321

AUSTRALIAN ANGLO AMERICAN LTD			
PROJECT	SOUTH ESK E.L. 22/80		
AREA	TASMANIA 2738		
DATA	JETSTREAM R.C. DRILL HOLES OCT/NOV 1981		
COMPILED	T.K.S.	SCALE	V 1:200 H 1:4000
DRAWN	T.K.S. 2/82	REF No	TAS-9-63
AMENDED			

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