GEOLOGICAL AND TRENCHING REPORT ON THE KENA COPPER ZONE, KENA PROPERTY, BC

NELSON MINING DIVISION, BC
MAPSHEETS: 082F.034/044/035/045
UTM COORDINATES: 5474150 NORTH, 481000 EAST, ZONE 11

for

SULTAN MINERALS INC.
1400 - 570 GRANVILLE STREET
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by

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SUMMARY

The Kena Property, containing several gold, silver and copper prospects, is located near the town of Nelson in southeastern British Columbia. The property lies predominantly within lower Jurassic Elise Formation (Rossland Group) mafic volcanics and associated mid Jurassic Silver King intrusive rocks.

The large Kena Property contains numerous zones:

- Gold Mountain Zone – gold porphyry
- Kena Gold Zone – conformable gold zone (foliated porphyry)
- South Gold Zone – conformable gold zone (foliated porphyry)
- Kena Copper Zone – copper porphyry +/- gold
- Shaft-Cat Zone – breccia pipes with copper-gold mineralization
- Great Western Zone – conformable gold zone (foliated porphyry)
- Starlight Trend (Starlight, Daylight, Victoria, Jessie, Berlin) – quartz veins with gold, silver and copper
- Euphrates and Gold Cup – quartz veins with gold and silver
- Dighem and Princess Zones – volcanogenic massive sulphide with copper, silver, zinc, +/- gold.

Prior to Sultan Minerals Inc. ("Sultan") optioning the Kena Property, it had been worked by a number of exploration companies from 1974 to 1991. No work had been done on the property from 1991 until Sultan acquired it in late 1999. Previous work on the property included geology, geochemistry, geophysics, trenching and drilling. Drilling by prior operators concentrated on the Kena Gold Zone, with smaller programs carried out on the Kena Copper Zone, the Dighem Zone and the Shaft showing.

From 1999 to 2007, Sultan conducted exploration programs consisting of sampling existing diamond drill core, geological and structural mapping, geochemical and geophysical surveys, excavator trenching, diamond and rotary drilling. Results from Sultan's diamond drilling programs, combined with those of previous operators led to the definition of broad widths of gold mineralization in the Kena Gold and Gold Mountain Zone. A resource estimate (Giroux and Dandy, 2004) reported:

- Measured and Indicated Resource = 24,860,000 tonnes totalling 540,000 ounces gold at 0.69 g/t head grade using a 0.30 g/t cut-off; and
- Inferred Resource = 25,800,000 tonnes totalling 557,000 ounces gold at 0.67 g/t head grade using a 0.30 g/t cut-off.

The area covered by these resource numbers remains open in all directions.

The 2008 exploration program consisted of an excavator trenching program, which tested eight locations within the large copper +/- gold soil geochemical anomaly in the Kena Copper Zone. Copper and gold chip sampling results correlate with the soil geochemical anomalies. Additional exploration work is required to fully evaluate the copper-gold porphyry potential of this large zone.

Due to the success of the exploration programs to date and recent increases in gold and copper values, an expanded program is recommended. This exploration program will consist of work conducted in 4 areas on the property: Gold Mountain Zone, Kena Gold Zone, Kena Copper Zone, and Starlight Trend. This program will consist of completion of historic diamond drill core sampling, infill and expansion drilling as recommended in the February 2004 Technical Report, plus 3 deep diamond drill holes in the Gold Mountain Zone and 1 deep diamond drill hole in the Kena Gold Zone. In the Kena Copper Zone, additional excavator trenching and diamond drilling programs will test the best copper and copper-gold target areas. Along the Starlight Trend, excavator trenching will re-open the numerous historic adits and pits to allow for chip sampling along the strike of this zone. Estimated cost for this expanded exploration program is $2.5 million.

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FIGURES (APPENDIX II)

1) INTRODUCTION

The Kena Property, containing a number of gold and gold-copper prospects, is located seven kilometres southwest of Nelson in southeastern British Columbia.

The original Kena Property was acquired by Sultan Minerals Inc. ("Sultan") from vendors Otto and Otakar Janout and Robert Bourdon in October 1999. Sultan optioned this property after examination of diamond drill core and logs from previous exploration programs, and noting that in many instances well mineralized sections had never been assayed.

Once the property was under agreement, Sultan conducted a core sampling program with the intent of expanding previously reported mineralized intercepts. During 2000, core sampling identified larger widths of low grade gold mineralization than was previously known in the Kena Gold Zone, indicating that the potential of this large property had not been fully tested.

Since the initial exploration program, Sultan has conducted soil sampling, mapping, geophysics, trenching and drilling programs, with the majority of the exploration work concentrating on the gold mineralization at the Kena Gold and Gold Mountain Zones.

In 2008, eight trenches were excavated on the Kena Copper Zone. The Kena Copper Zone hosts a large, strong copper geochemical anomaly identified by previous operators. Rock chip samples collected from the trenches confirm the presence of bedrock copper and gold mineralization coincident with the previously defined soil geochemical anomaly.

2) LOCATION AND ACCESS

The Kena Property is located on the northeast slope of Toad Mountain, ten kilometres south of Nelson in the Nelson Mining Division of southeastern British Columbia (Figure 1). The claims cover an area of approximately 8000 hectares and are centred at UTM coordinates 5474150 North, 481000 East in Zone 11, within mapsheets 82F.034, 044, 035, 045.

Access to the Kena Property is via Highway 6, south from Nelson for 10 kilometres then west and south along the Giveout and Gold Creek Forest Service Roads. The Giveout and Gold Creek Roads and a number of 4x4 roads run through the claims. The Kena Copper Zone straddles the Gold Creek Road from approximately 10 to 13 kilometres.

Highway 6 crosses the south end of the claim block. A new logging spur road leaves Highway 6 at 13 kilometres south of Nelson, and turns southerly off the Clearwater Creek Forest Service Road at 8 kilometres. This new logging road provides access into the Euphrates and Gold Cup areas.

The Highway 6 corridor, running through the claim block, also carries a power line and rail bed. Teckcominco's Trail Smelter facility is located about 45 minutes drive by highway south of the property.

3) PHYSIOGRAPHY

The Kena Property is located in an area of rugged terrain. Topography on the property is steep with elevations ranging from 895 metres at Cottonwood Lake to 1,795 metres on the southwestern portion of the claim area. Outcrop is somewhat limited on the property, generally confined to creek gullies and road cuts, with more prevalent outcrops on ridges and steeper slopes. The Gold Mountain Zone lies at an elevation of about 1400 metres, along a relatively flat bench area above the steep topography leading to the Cottonwood valley. The Kena Copper Zone lies along a similar high plateau approximately 6 kilometres south of the Gold Mountain Zone.

Several portions of the claim area have been recently logged, with the remainder being covered with first and second growth forest consisting of balsam, fir, spruce, hemlock, cedar and occasional white pine and larch. Thick growths of alder and devil's club are found along creek gullies.

4) HISTORY

The Kena Property was first described by G.M. Dawson in the Geological Survey of Canada Summary Report for 1888-1889. Dawson stated that gold mineralization is located within a "...quantity of pyritized material which...appears to be practically unlimited..." in size.

No further information on exploration appears in either the Geological Survey of Canada or the British Columbia Ministry of Mines records, thus little is known about exploration on the Property prior to 1973. Post 1973 exploration, however, has identified numerous old prospect pits and trenches, as well as several old adits indicating periods of exploration activity in the early part of the century.

For a detailed history of work completed by exploration companies on the Kena Property prior to 1999 when Sultan optioned the property, please see BC Ministry of Energy and Mines Assessment Report #27,240 titled "Geology, Geochemistry and Drilling Report on the Kena Property" by L. Dandy, February 2003.

PREVIOUS WORK BY SULTAN MINERALS INC.

Sultan optioned the Kena Property in 1999, and from 2000 to 2007 completed significant exploration programs as summarized below.

KENA GOLD ZONE

Initial work in the Kena Gold Zone concentrated primarily on re-logging and assaying of previously drilled but unsampled diamond drill core. Re-logging of core included close examination of structural features, alterations and mineral assemblages in order to better define mineralization controls. In the field, three sections across the Kena Gold Zone were mapped in detail with special emphasis on structures and mineralization. Fourteen shallow and one deep diamond drill hole were completed in order to provide information to add to the

2004 resource estimate. Results indicate that wide zones of low grade gold mineralization exist throughout the 1000 x 300 metre Kena Gold Zone.

GOLD MOUNTAIN ZONE

Work done by previous companies in what is now known as the Gold Mountain Zone consisted of soil geochemical and geophysical surveys over the Elise volcanic rocks and ended near the eastern contact of the Silver King intrusive. Notably high gold values in soil samples and high induced polarization chargeabilities at the ends of the previous grid lines led Sultan, in 2000, to extend the grid lines for 900 metres to the southwest over the Silver King intrusive.

Initially, soil geochemistry identified a 2100 x 600 metre zone containing high gold values. Geophysical surveys picked up chargeability and resistivity anomalies trending roughly parallel to the gold soil anomalies. In late 2000, excavator trenching near the centre of the Gold Mountain Zone, where surface rock samples assayed up to 2.7 g/t gold, returned very encouraging results. The trenches crossed an area of 120 metres by 90 metres, centred on L11+00N, 3+00E, and average grades from all of the 3 metre chip samples collected over the length of the trenches returned 1.43 g/t gold.

Due to these encouraging results, an additional trenching and a seven hole diamond drilling program were completed in early 2001. Drill results confirmed the depth extension of the widespread, porphyry style gold mineralization within the Silver King intrusive unit and across the contact into the Elise Volcanics for a short distance. Over the entire 892.5 metres drilled, core samples averaged 0.8 g/t gold (this average includes relatively barren zones within the volcanics that assayed <0.05 g/t gold). The best 2 metre core sample from these original seven holes returned 16.20 g/t gold from hole 01GM-05.

Additional exploration work was completed on the Gold Mountain Zone in late 2001 and early 2002. This exploration program consisted of expanded geochemical and induced polarization geophysical surveys, followed by 5,787.66 metres of reverse circulation and diamond drilling in the Gold Mountain Zone. The results of this exploration program show that the gold soil geochemical anomaly over the Gold Mountain Zone extends north and west from the initial survey area to cover a total area measuring 3300 by 1400 metres in size. Drilling in the discovery trench area located wide zones of "bulk tonnage type" gold mineralization with many holes returning core intervals of greater than 100 metres width averaging better than 1 g/t gold. Also, the drill program found numerous "high grade" gold intervals with one or more 2 metre samples running greater than 5 g/t gold in many of the drill holes. Two "bonanza grade" intervals were found, in hole 01GM-03 where 1.23 metres assayed 240.07 g/t gold in the intrusive and in hole 01GM-08 where 2.00 metres assayed 172.10 g/t gold in the volcanic.

In late 2002, an additional large diamond drill program was conducted on the Gold Mountain Zone with step out holes put in for over one kilometre north and south from the discovery area. These holes crossed a newly identified magnetic low corridor and returned 2 metre drill core intervals ranging from 11 to 34 g/t gold. The magnetic low corridor, identified during

the fall 2002 airborne geophysical survey, crosses geological features and is believed to be caused by magnetite destruction along a strong, mineralized shear zone.

Since 2003, due to budgetary constraints very limited work has been done on the Gold Mountain Zone. Additional drilling of cross-structures and one deep hole returned results consistent with the prior drill programs. Detailed geological mapping and trenching was carried out along the magnetic low corridor.

SOUTH GOLD ZONE

In fall of 2002, four diamond drill holes were put in at approximately 100 metre spacings across the central portion of the South Gold Zone. These holes were collared from 90+00N to 93+00N, and were drilled toward grid east in order to test coincident gold geochemical and induced polarization resistivity anomalies.

GREAT WESTERN ZONE

In 2001, Sultan expanded the Gold Mountain soil grid farther west to cover the Great Western Zone. An area of 1100 by 500 metre in size, with very high gold soil values, was outlined in the Silver King intrusive and along its western contact with the Elise volcanics.

In 2002, six drill holes were put in over the Great Western Zone. Holes 02GW-01 to 04 were designed to drill under historic workings, hole 02GW-05 was drilled to test an area with abundant parallel quartz veinlets in outcrop, and hole 02GW-06 was drilled to test a strong coincident gold soil geochemistry and high chargeability anomaly. Holes 02GW-01 to 05 were entirely within the Silver King intrusive unit, and hole 02GW-06 was in the Elise Volcanics.

STARLIGHT TREND

In 2002, six diamond drill holes were put in along the Starlight Trend. Three holes were put in over the Starlight workings (holes 02SL-01 to 02SL-03), one across the Victoria-Jessie workings (hole 02SL-06) and one hole on either side of the Daylight-Berlin workings (holes 02SL-04 and 02SL-05).

THREE FRIENDS, EUPHRATES AND GOLD CUP

Due to the success of the initial trenching program on the Gold Mountain Zone, in late 2000 additional ground was acquired by staking and additional 10 kilometre belt to the south of the originally optioned Kena Property along the trend of the favourable Silver King intrusive unit. During staking, three historic workings from the early 1900s (Three Friends, Euphrates and Gold Cup) were discovered and returned some very encouraging gold, silver and copper results from rock samples.

In 2001, a large soil grid was put in for 9.6 kilometres south from the existing South Grid to cover the extent of the Silver King intrusive. Grid lines were run at 200 metre spacings with 50 metre soil stations. Six small areas with elevated gold soil values were found, three of which correlate to historic workings.

5) WORK DONE BY SULTAN MINERALS INC. IN 2008

Work completed on the Kena Property between May and September 2008 consisted of excavating 8 trenches totalling 390 metres along the trend of the Kena Copper Zone. The trenches were mapped and rock chip sampled, with at total of 185 samples being collected.

Work was conducted by a four person crew working out of the town of Salmo, BC, and was supervised by the author.

6) CLAIM INFORMATION

The Kena Property is located within the Nelson Mining Division and consists of 168 mineral tenures and 11 Crown Granted mineral claims totalling 8023.21 hectares (Figure 2). The claims are centred at UTM coordinates 5474150 North, 481000 East in Zone 11, within mapsheets 82F.034, 044, 035, 045.

Claims are listed in Table I below and have been common dated to an anniversary date of February 28. All the claims are currently in good standing and the next expiry year is shown in the table. The Crown Grants require annual taxes to be paid, and all taxes are currently up to date. The claims have not been surveyed.

TABLE I
CLAIM INFORMATION

CLAIM	TENURE #	HECTARES	NEW EXPIRY DATE		CLAIM	TENURE #	HECTARES	NEW EXPIRY DATE
FRANK&DON	550210	252.194	2017		SAKE	379797	25.000	2017
F&D FR	550275	21.016	2017		SK 1	382325	500.000	2017
GM 1	390584	25.000	2017		SK 2	382326	25.000	2017
GM 2	390585	25.000	2017		SK 3	382327	25.000	2017
GOLD MOUNTAIN	389877	500.000	2017		SK 4	382328	25.000	2017
TAMARAC	389878	225.000	2017		SK 5	382329	25.000	2017
TAM	389879	25.000	2017		SK 6	382330	25.000	2017
GC 1	382801	25.000	2017		SK 7	382805	25.000	2017
GC 2	382802	25.000	2017		SK 8	382806	25.000	2017
GC 3	382803	25.000	2017		SK 9	382807	25.000	2017
GC 4	382804	25.000	2017		SK 10	382819	25.000	2017
GOLD MTN	232760	25.000	2017		SK 11	382809	25.000	2017
GOLD MTN 2	232761	25.000	2017		SK 12	382810	25.000	2017
GOLD MTN 9FR	232763	25.000	2017		SK 13	382811	25.000	2017
MAC 1	232794	500.000	2017		SK 14	382812	25.000	2017
COT	233177	25.000	2017		SK 15	382813	25.000	2017
ROAD SIDE FR	233178	25.000	2017		SK 16	382814	25.000	2017
COT FR	233179	25.000	2017		SK 17	382815	25.000	2017
MAS FR	233180	25.000	2017		SK 18	382816	25.000	2017
TEE FR	233181	25.000	2017		SK 19	384262	25.000	2017
FLAT FR	233182	25.000	2017		SK 20	384263	25.000	2017
AU 2	233231	25.000	2017		SK 21	384264	25.000	2017

CLAIM	TENURE #	HECTARES	NEW EXPIRY DATE	CLAIM	TENURE #	HECTARES	NEW EXPIRY DATE
AU 4	233232	25.000	2017	SK 22	384265	25.000	2017
LINDE 2	233261	25.000	2017	SK 23	384266	25.000	2017
LINDE 1	233262	25.000	2017	SK 24	384267	25.000	2017
KENA FR	233294	25.000	2017	SK 25	384268	25.000	2017
MAGPIE	233606	25.000	2017	SK 26	384269	25.000	2017
ELDORADO	233607	25.000	2017	SK 27	384270	25.000	2017
PACTOLUS FR	233608	25.000	2017	SK 28	384271	25.000	2017
SHAFT FR	233609	25.000	2017	SK 29	391009	25.000	2017
DEER FR	233610	25.000	2017	SK 30	391010	25.000	2017
MIDNITE FR	233611	25.000	2017	SK 31	391011	25.000	2017
KENA 18	235349	25.000	2017	SK 32	391012	25.000	2017
KENA 19	235350	25.000	2017	GC 5	387621	500.000	2017
KENA 20	235351	25.000	2017	GC 6	387622	450.000	2017
KENA 21	235352	25.000	2017	GC 7	387623	25.000	2017
KENA 22	235353	25.000	2017	GC 8	387624	25.000	2017
KENA 23	235354	25.000	2017	GC 9	387625	25.000	2017
KENA 24	235355	25.000	2017	GC 10	387634	25.000	2017
KENA 25	235356	25.000	2017	GC 11	387635	25.000	2017
SHAFT W1	362976	25.000	2017	GC 12	387636	25.000	2017
SHAFT W2	362977	25.000	2017	GC 13	387637	25.000	2017
CAT 1	372729	25.000	2017	GC 14	387638	25.000	2017
CAT 2	372730	25.000	2017	GC 15	387639	25.000	2017
CAT 3	372731	25.000	2017	GC 16	387640	25.000	2017
CAT 4	372732	25.000	2017	GC 17	387641	25.000	2017
CAT 5	373750	25.000	2017	JUNE 1	387642	500.000	2017
CAT 6	373751	25.000	2017	JUNE 2	387643	25.000	2017
CAT 7	373752	25.000	2017	JUNE 3	387644	25.000	2017
CAT 8	373753	25.000	2017	JUNE 4	387645	25.000	2017
CAT 9	373754	25.000	2017	JUNE 5	387646	25.000	2017
CAT 10	373755	25.000	2017	JUNE 6	387647	25.000	2017
CAT 11	373756	25.000	2017	JUNE 7	387648	25.000	2017
CAT 12	373757	25.000	2017	JUNE 8	387649	25.000	2017
CAT 13	373758	25.000	2017	JUNE 9	387650	25.000	2017
CAT 14	373759	25.000	2017	SAND 1	392165	25.000	2014
CAT 15	373760	25.000	2017	SAND 2	392166	25.000	2014
CAT 16	373761	25.000	2017	SAND 3	392167	25.000	2014
CAT 17	373762	25.000	2017	SAND 4	392168	25.000	2014
CAT 18	373763	25.000	2017	SAND 5	392169	25.000	2014
CAT 19	373764	25.000	2017	SAND 6	392170	25.000	2014
CAT 20	373765	25.000	2017	GA 8	392532	25.000	2017
CAT 21	373766	25.000	2017	GA 7	392533	25.000	2017
CAT 22	373767	25.000	2017	GA 6	392534	25.000	2017
CAT 23	374197	25.000	2017	GA 5	392535	25.000	2017
CAT 24	374198	25.000	2017	GA 4	392536	25.000	2017
CAT 25	374199	25.000	2017	GA 3	392537	25.000	2017
CAT 26	374200	25.000	2017	GA 2	392538	25.000	2017
CAT 27	374201	25.000	2017	GA 1	392539	25.000	2017
CAT 28	374202	25.000	2017	**ADDIE OPTION**			
CAT 29	374203	25.000	2017	SK	350286	25.000	2017
CAT 30	374204	25.000	2017	EP	350556	25.000	2017
CAT 31	374205	25.000	2017	PY	350557	25.000	2017
CAT 32	374206	25.000	2017	**GREAT WESTERN OPTION**			
CAT 33	374207	25.000	2017	Great Western	232860	25.000	2017
CAT 34	374208	25.000	2017	Irene	232861	25.000	2017

CLAIM	TENURE #	HECTARES	NEW EXPIRY DATE		CLAIM	TENURE #	HECTARES	NEW EXPIRY DATE
CAT 35	374209	25.000	2017		Great Eastern	232862	25.000	2017
CAT 36	374210	25.000	2017		**STARLIGHT OPTION**			
CAT 37	380091	25.000	2017		GRAND	373681	25.000	2017
CAT 38	380092	25.000	2017		STARLIGHT	L 684	25.000	2009
CAT 39	380093	25.000	2017		BLACKWITCH	L 4146	25.000	2009
CAT 40	380707	25.000	2017		GOLD BELL	L 4155	25.000	2009
CAT 41	380708	25.000	2017		**DAYLIGHT OPTION**			
CAT 42	380709	25.000	2017		VICTORIA	L 248	25.000	2009
CAT 43	380710	25.000	2017		JESSIE	L 686	25.000	2009
CAT 44	380711	25.000	2017		BID	L 901	25.000	2009
CAT 45	380712	25.000	2017		JMB	L 902	25.000	2009
CAT 46	382323	25.000	2017		DAYLIGHT	L 907	25.000	2009
CAT 47	382324	25.000	2017		GOLD KING FR	L 14699	25.000	2009
STAR 1	374211	25.000	2017		BERLIN	L 3251	25.000	2009
STAR 2	374212	25.000	2017		MILLSITE FR	L 14700	25.000	2009
NOMAN	378493	500.000	2017					

Table I shows the claims staked and owned 100% by Sultan Minerals Inc. The table also shows additional claims under option to Sultan, who has the right to acquire 100% ownership from Addie, Bourdon (Great Western Option) and Denny (Starlight Option). The Daylight option gives Sultan the right to acquire 87.5% ownership in the claims optioned from Wirth et al. All of the claims are located on Crown lands.

7) GEOLOGY

REGIONAL GEOLOGY (after Hoy and Dunne, 1997)

The Rossland Group is in the southern Omineca Crystalline Belt, an uplifted zone of variably metamorphosed and deformed Proterozoic to Tertiary rocks that straddles the boundary between accreted terranes and ancestral North America. The belt includes a series of structural culminations, typically cored by Paleoproterozoic crystalline rocks, and flanked in the intervening depressions by rocks similar to those in the Foreland Belt to the east. These rocks are structurally overlain by accreted rocks of the Slide Mountain and Quesnell terranes.

The Omineca Crystalline Belt comprises an imbricated succession of thrust sheets that were transported eastward in Mesozoic time. This tectonism was accompanied by intrusion of granitic bodies and localization of a variety of structurally controlled vein deposits. In early Tertiary time, regional extension resulted in local uplift of core complexes as cover rocks were displaced along low angle normal faults. This extension was associated with widespread mafic volcanism, intrusion of alkalic rocks and, locally, vein and shear-hosted mineralization.

The Rossland Group is traditionally regarded as the most eastern belt of volcanic rocks within Quesnellia, a terrane that comprises dominantly arc volcanics and associated sediments that were accreted to North America in Middle Jurassic time. These rocks tectonically overlie pericratonic rocks of the Kootenay Terrane or miogeoclinal Proterozoic to lower Paleozoic rocks that were deposited on the western ancestral margin of North America. The tectonic boundary between Quesnellia and pericratonic or cratonic rocks is locally marked by mafic

volcanic rocks and associated ultramafics of the Slide Mountain Terrane, interpreted to record deposition in a marginal basin or back-arc setting that separated Quesnellia from North America. Overlap assemblages, rocks deposited after collision of accreted rocks with North America, include (in the Rossland-Nelson area) the Cretaceous Sophie Mountain Formation and Eocene Marron Formation.

PROPERTY GEOLOGY

In Part I – Stratigraphy and Tectonics of the Early Jurassic Rossland Group (Bulletin 102) by Hoy and Dunne, the Elise Formation volcanics on the Kena Property are described under the subheading "Highway 6 Section, South of Nelson" (which bisects the property). The following is extracted from the above referred publication:

Elise Formation

A complete section of the Elise Formation is exposed in the east limb of the Hall Creek syncline along Highway 6 south of Nelson (Figure 3). It has been subdivided into a lower and upper division. The lower Elise lies with apparent conformity on sedimentary rocks of the Ymir Group; a few argillite beds persist through the lower part of the lower Elise. It is a sequence of dominantly mafic flows and flow breccias, minor lahars and tuffs up to one kilometre thick.

A coarse grained augite porphyry flow breccia is the dominant lithology of the lower Elise. Clasts and matrix are essentially augite porphyry with euhedral to subhedral augite or augite pseudomorphs up to one centimetre in diameter in a finer grained matrix of secondary plagioclase, biotite, chlorite, epidote and carbonate. Massive augite porphyry flows, with little evidence of brecciation, are not common.

The upper Elise in the Highway 6 section is a sequence of mafic to intermediate flows, tuffs and minor epiclastic deposits up to 2500 metres thick. A number of cyclical sequences of pyroclastic rocks that typically grade upward from lapilli tuff to crystal tuff or fine tuff are common. Augite porphyry flows and flow breccias are a minor constituent.

The dominant lithology of the upper Elise in the Highway 6 section is a plagioclase-augite lapilli tuff of andesitic to shoshonitic composition. Clasts are generally darker than their matrix due to the preferential alteration of the fine-grained matrix to calcite, epidote and secondary plagioclase.

Crystal tuffs are commonly a lateral or vertical facies of the lapilli tuffs and are similar in composition. They are characterized by up to 20 percent plagioclase and typically only a few percent augite. The crystal tuffs are generally massive; only rarely is layering noted. However, a penetrative foliation, conspicuous in most outcrops, may mask many primary features.

Fine mafic tuff occurs as dark green, fine-grained layers commonly associated with augite porphyry units. Several percent broken, commonly sausseritized plagioclase phenocrysts, less than one millimetre in diameter, and rare quartz crystals are the only primary textures preserved in the tuff. A penetrative foliation is defined by aligned biotite.

Silver King Intrusions

A number of generally highly deformed feldspar porphyries, referred to as the Silver King intrusions occur within the Elise Formation south of Nelson. They have been dated as Aalenian to Toarcian and are interpreted to be collisional granitoids. Many are associated with copper, gold and silver mineralization.

The main Silver King intrusive body can be traced southeast from Giveout Creek, one kilometre south of Nelson. Several smaller lenses border this intrusion and others occur on the western slopes of Mount Elise. Outcrops of Silver King intrusions are typically cream-coloured and form resistant ridges. Contacts with Rossland Group rocks are either sharp and discordant or intensely sheared. The Silver King pluton is sheared along its margins. Commonly, smaller lenses form sericite phyllites that resemble, and have been mapped as, foliated felsic volcanic rocks. These contact relationships and the foliated to massive nature suggest that the Silver King intrusions are a pre to syn-kinematic suite.

The Silver King plutonic rocks are porphyritic, characterized by 30 to 60 percent euhedral to subhedral plagioclase phenocrysts, 5-10 millimetres in size in a fine-grained greenish grey groundmass. Quartz content ranges from 1 to 2 percent; grains are commonly resorbed which may indicate a high-level of intrusion. Generally, primary mafic minerals are not preserved although acicular secondary hornblende needles are locally observed. Accessory sphene and ilmenite are common; apatite is rare.

The Silver King intrusion has been strongly altered and sheared. Plagioclase twinning is commonly obscured by intense saussuritization and the inner zones of the phenocrysts are replaced by clusters of sericite needles. Mafic minerals are almost totally replaced by chlorite and calcite. The groundmass comprises abundant secondary albite(?), epidote, carbonate and often 10 to 50 percent interlocking aggregates of quartz grains and sericite "mats".

Based on major element chemistry, Silver King intrusive samples are dominantly quartz monzodiorites and granodiorites. Some samples plot in the tonalite and quartz diorite fields. Most Silver King samples plot in the calcalkaline field on a total alkali-silica plot, in contrast with high-K or alkaline character of many synvolcanic Early Jurassic plutons.

Kena Copper Zone

The Kena Copper Zone consists of a body of alkalic porphyry style copper-gold mineralization. It is situated along the border of a large monzodiorite complex. Chalcopyrite and pyrite occur as disseminations, fracture fillings and in quartz veinlets within the intrusive rocks, and as weaker disseminations and fracture fillings in adjacent tuffaceous rocks. The copper mineralization commonly includes malachite and/or azurite. The area has been variably silicified by quartz veins that both cross and follow the foliation. They vary from weak to strong and occur as narrow fracture fillings, weak stockworks or rarely thick veins up to 0.5 metres wide, which often contain pyrite and chalcopyrite. The nature of the veining combined with results from analytic data appears to reflect more than one period of emplacement.

Figure 3 shows the location of the Kena Copper Zone (trench area) on the Hoy and Dunne geology map.

8) TRENCHING

During the 2008 exploration program, a total of 390 metres of excavator trenching was completed in 8 trenches in the Kena Copper Zone. See Figures 4 and 5 for trench locations plotted on the Kena Copper Zone copper and gold soil geochemistry maps. The trenches were mapped and 185 rock chip samples were collected from the length of each trench at two metre sample widths.

Lithogeochemistry

Rock chip samples, collected from trenches in the Kena Copper Zone, consist of chip samples along the length of the trench's bedrock exposure and generally cross lithological and mineralizing structural controls at right angles (indicating true widths). Chip samples were collected as continuous rock chips of about golf ball size taken along the base of the trenches. During sampling, sample intervals were marked in the field with flagging or spray paint. Samples were put into correspondingly labelled plastic bags and shipped to the laboratory for analyses. Trenches were subsequently backfilled during the reclamation stage.

Rock samples were shipped by trucking company, directly from site to ACME Labs Ltd. in Vancouver, BC. All sample preparation was done at the laboratory by their staff. In the laboratory, rock samples were crushed to –200 mesh, sieved and fire assayed for gold and analysed for 36 additional elements by the ICP method.

Rock chip sample locations and results can be seen on the detailed trench maps (Figures 6 through 13). Table II lists significant gold, silver and copper rock chip sample results. Results not listed in the Table II are <1000 ppm copper and <400 ppb gold. All copper and gold results are plotted on the trench maps and full trench assay results can be found in Appendix I - ACME Labs Certificates of Analyses.

TABLE II
TRENCH ROCK CHIP SAMPLES
SIGNIFICANT RESULTS

SAMPLE #	DESCRIPTION	Au (ppb)	Ag (ppm)	Cu (ppm)
KCT-01 0-2	Trench 1 – 2 metre chip sample	2131	1.0	150
KCT-01 2-4	Trench 1 – 2 metre chip sample	2870	1.3	152
KCT-01 4-6	Trench 1 – 2 metre chip sample	2515	1.0	167
KCT-01 6-8	Trench 1 – 2 metre chip sample	3750	2.3	337
KCT-01 8-10	Trench 1 – 2 metre chip sample	3261	2.3	225
KCT-01 10-12	Trench 1 – 2 metre chip sample	2483	1.5	180
KCT-01 12-14	Trench 1 – 2 metre chip sample	6687	3.1	302
KCT-01 14-16	Trench 1 – 2 metre chip sample	1633	0.8	99

SAMPLE #	DESCRIPTION	Au (ppb)	Ag (ppm)	Cu (ppm)
KCT-01 16-18	Trench 1 – 2 metre chip sample	1642	0.5	81
KCT-01 18-20	Trench 1 – 2 metre chip sample	2387	1.0	113
KCT-01 20-22	Trench 1 – 2 metre chip sample	1343	0.5	67
KCT-01 22-24	Trench 1 – 2 metre chip sample	4017	4.0	245
KCT-01 24-26	Trench 1 – 2 metre chip sample	984	0.4	52
KCT-01 26-28	Trench 1 – 2 metre chip sample	2431	1.1	109
KCT-01 28-30	Trench 1 – 2 metre chip sample	5351	2.6	170
KCT-01 30-32	Trench 1 – 2 metre chip sample	9503	1.5	160
KCT-01 32-34	Trench 1 – 2 metre chip sample	2148	<0.3	36
KCT-01 34-36	Trench 1 – 2 metre chip sample	3071	0.7	111
KCT-01 36-38	Trench 1 – 2 metre chip sample	1419	0.5	84
KCT-01 38-40	Trench 1 – 2 metre chip sample	1822	0.6	114
KCT-01 40-42	Trench 1 – 2 metre chip sample	837	0.4	91
KCT-01 42-44	Trench 1 – 2 metre chip sample	892	<0.3	109
KCT-01 44-46	Trench 1 – 2 metre chip sample	1897	0.5	146
KCT-01 46-48	Trench 1 – 2 metre chip sample	2843	0.6	205
KCT-01 48-50	Trench 1 – 2 metre chip sample	360	<0.3	35
KCT-01 50-52	Trench 1 – 2 metre chip sample	1441	0.5	100
KCT-01 52-54	Trench 1 – 2 metre chip sample	935	<0.3	115
KCT-01 54-56	Trench 1 – 2 metre chip sample	1251	0.4	99
	Average over 56 metres	**2568**		**137**
KCT-02 44-46	Trench 2 – 2 metre chip sample	492	<0.3	839
KCT-04 8-10	Trench 4 – 2 metre chip sample	1587	0.7	99
KCT-04 14-16	Trench 4 – 2 metre chip sample	1407	0.5	180
KCT-04 16-18	Trench 4 – 2 metre chip sample	1522	0.9	228
KCT-04 18-20	Trench 4 – 2 metre chip sample	3181	1.8	298
KCT-04 20-22	Trench 4 – 2 metre chip sample	2005	1.0	139
KCT-04 22-24	Trench 4 – 2 metre chip sample	2934	1.3	135
KCT-04 24-26	Trench 4 – 2 metre chip sample	3173	1.2	413
KCT-04 26-28	Trench 4 – 2 metre chip sample	2212	1.2	146
KCT-04 28-30	Trench 4 – 2 metre chip sample	1237	1.2	92
	Average over 48 metres	**1048**		**102**
KCT-06 20-22	Trench 6 – 2 metre chip sample	1073	0.8	66
KCT-06 30-32	Trench 6 – 2 metre chip sample	1471	1.4	97
KCT-06 36-38	Trench 6 – 2 metre chip sample	1769	1.7	200
KCT-06 38-40	Trench 6 – 2 metre chip sample	1617	1.4	249
KCT-06 44-46	Trench 6 – 2 metre chip sample	473	0.4	764

Trench KCT-01, located on L101+00N, 0+25W and trending 030° for 56 metres length, returned the best overall copper and gold values from rock chip samples. Averages for the entire trench length are 2568 ppm copper and 137 ppb gold. Lithology for the entire trench is sheared, sericitic +/- chloritic volcanic rocks containing 1 to 5% pyrite, trace chalcopyrite and bornite, and weak malachite staining. The best 2 metre chip sample copper assay is 9503 ppm and the best gold assay is 337 ppb.

Trench KCT-04, located on L92+00N, 0+90W and trending 220° for 48 metres length, also returned good copper values over its entire length. The average copper value for the entire trench length is 1048 ppm along with 102 ppb gold. The best 2 metre chip sample copper assay is 3181 ppm and the best gold assay is 413 ppb. Similar to trench KCT-01, located 900 metres to the north, lithologies exposed in KCT-04 consist of sheared sericitic and chloritic volcanic rocks +/- silica flooding or weak quartz stockworking. The rocks are oxidized with only trace fresh pyrite visible.

Trenches KCT-02 (97+00N, 1+50W, 039°, 56 metres length), KCT-03 (95+00N, 1+10W, 227°, 18 metres length), KCT-05 (94+00N, 1+00E, 210°, 58 metres length), KCT-06 (82+00N, 4+75W, 216°, 50 metres length), KCT-07 (85+00N, 6+25W, 045°, 56 metres length) and KCT-08 (97+00N, 0+75E, 224°, 48 metres length) returned low overall copper and gold values. Exceptions include 2 metre chip samples from KCT-02 that returned 826 ppb gold and from KCT-06 that returned 764 ppb gold. As well, KCT-06 returned four 2 metre chip samples with assays >1000 ppm copper.

In summary, copper and gold values in trench samples, correlate to the soil geochemical anomalies found in the Kena Copper Zone.

9) CONCLUSIONS

KENA COPPER ZONE

A large, strong copper geochemical anomaly defines the Kena Copper Zone. Within this copper anomaly are several areas of high gold geochemistry. Infill soil samples collected in 2007 confirmed copper values in soils obtained by previous operators.

Chip samples collected by Sultan in 2007 from two historic adits returned up to 0.51% copper over 26 metres, with associated elevated gold, silver and mercury results. Prior trench and drilling results by previous operators also returned copper values ranging from 0.15 to 0.50% over significant widths.

2008 trenching by Sultan returned copper and gold chip sample results that correlate with the soil geochemical anomalies in the Kena Copper Zone. Additional exploration work is required to fully evaluate the copper-gold porphyry potential of this large zone.

10) RECOMMENDATIONS

Due to the success of Sultan's various exploration programs to date, and the recent dramatic increase in gold and copper values, an expanded program is recommended for 2009. The 2009 program will consist of work conducted in 4 areas on the property: Gold Mountain Zone, Kena Gold Zone, Kena Copper Zone, and Starlight Trend. This program will consist of completion of historic diamond drill core sampling, infill and expansion drilling of the Gold Mountain and Kena Gold Zones as recommended in the 2004 Technical Report by Giroux and Dandy, along with 3 deep diamond drill holes in the Gold Mountain Zone and 1 deep diamond drill hole in the Kena Gold Zone. On the Kena Copper Zone, an excavator trenching and diamond drilling program will test the best copper and copper-gold target areas. Along the Starlight Trend, excavator trenching will re-open the numerous historic adits and pits to allow for chip sampling along the strike of this zone. Estimated cost for the proposed 2009 Exploration Program is $2.5 million.

Respectfully submitted,

Linda Dandy, P.Geo.
April 13, 2009

11) REFERENCES

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LOGAN, J.M., LAFLAMME, G. and DANDY, L.L., 2003; Gold Mountain Zone – Early-Middle Jurassic Porphyry Au+/-Cu Mineralization, SEBC: BC Ministry of Energy and Mines Geofile 2003-6.

RHYS, D., 2000; Kena Property Structural Geology Study: Unpublished Report for Sultan Minerals Inc.

12) COST STATEMENT – May to September 2008

GENERAL COST

Trenching, Geochemical Sampling and Geology

Salaries & Wages:		
L.Dandy, 1-3,5-6,910May, 30Jun, 1-2Jul, 18-20Aug, 11 days @ $650	$ 7,150.00	
P Grunenberg, 5Sep, 1day @ $650	650.00	
A. Tsaloumas, 18Aug, 2-7Sep, 5.8days @ $510	2,958.00	
J. Denny, 18Aug, 2-7Sep, 7 days @ $320	2,240.00	
O. Janout, 3-6Sep, 4 days @ $$200	800.00	
D. Murray, 2-7Sep, 6.0 days @ $250	1,500.00	$ 15,298.00
Benefits @ 20%		3,059.60
Food & Accommodation, 34.8 mandays @ $72.50		2,660.75
Field Supplies & Sundry:		298.52
Rentals:		
Field Office, May- Sep, 5 Months @ 350	$ 1,750.00	
4WD PU Trucks 23.8days @ $75.89	2,038.29	
ATV 1 day @ $100	100.00	3,888.29
Fuel:		585.15
Logging Road Maintenance: ATCO Wood Products		1,050.00
Trenching by Custom Dozing:		
Mob/Demob	$ 570.00	
Trenching, 315L Cat, 51.5 hrs @ $120	6,180.00	6,750.00
Assays & Analyses by Acme Labs		
185 Rocks for Au & 30element ICP @ $28.03	$ 4,972.35	
Assays & Analyses by Assayers Canada		
20 Rejects for Au Metallics @ $46	920.00	5,892.35
Shipments: West Arm Trucking		275.95
Surface Rights Searches:		160.20
Report Preparation		5,200.00
Total Trenching and Sampling Cost		**$ 45,118.81**

13) QUALIFICATIONS

I, Linda Dandy, hereby certify that:

1. I am an independent Consulting Geologist having an office at 3728 Ridgemont Road, Lac Le Jeune, British Columbia, V1S 1Y8.

2. I am a graduate of the University of British Columbia with the degree of Bachelor of Science in Geology (1981).

3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (Registration No. 19236) and a Fellow of the Geological Association of Canada (Membership No. F5201).

4. I have practiced my profession in North America since 1981, having worked as an employee and consultant for Major Mining Corporations and Junior Resource Companies.

5. This report is based upon a personal examination of all available company and government reports pertinent to the subject property, and upon fieldwork undertaken on the property from May to September 2008. I have directly supervised all field-work on the property from 1999 to present.

April 13, 2009
Lac Le Jeune, B.C.

Linda Dandy, P.Geo.
Consulting Geologist

APPENDIX I

ROCK SAMPLE RESULTS

CERTIFICATES OF ANALYSES

ACME ANALYTICAL LABORATORIES LTD.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Sultan Minerals**
1400 - 570 Granville St.
Vancouver BC V6C 3P1 Canada

Submitted By: Spurlin Edwards
Receiving Lab: Canada-Vancouver
Received: September 09, 2008
Report Date: October 22, 2008
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN08009182.2

CLIENT JOB INFORMATION

Project: KENA
Shipment ID:
P.O. Number
Number of Samples: 185

SAMPLE DISPOSAL

TOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	185	Crush, split and pulverize rock to 200 mesh	30	Completed
3B	185	Fire assay fusion Au by ICP-ES	0.5	Completed
1D	185	1:1:1 Aqua Regia digestion ICP-ES analysis		

ADDITIONAL COMMENTS

Ver.2 to include Au by 3B analysis

Invoice To: Sultan Minerals
1400 - 570 Granville St.
Vancouver BC V6C 3P1
Canada

CC: Linda Dandy

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 3P1 Canada

Project: KENA
Report Date: October 22, 2008

CERTIFICATE OF ANALYSIS VAN08009182.2

Method		WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
KCT-01 0-2	Rock	1.60	150	30	2131	<3	25	1.0	6	21	402	3.77	5	<8	<2	<2	57	<0.5	<3	<3	26
KCT-01 2-4	Rock	3.38	152	15	2870	<3	24	1.3	5	22	555	3.28	4	<8	<2	<2	29	<0.5	3	<3	38
KCT-01 4-6	Rock	2.39	167	9	2515	<3	23	1.0	5	16	362	3.59	3	<8	<2	<2	60	<0.5	<3	<3	38
KCT-01 6-8	Rock	1.79	337	22	3750	<3	23	2.3	5	11	256	3.22	7	<8	<2	<2	39	<0.5	5	<3	52
KCT-01 8-10	Rock	2.17	225	19	3261	<3	25	2.3	6	15	357	3.42	8	<8	<2	<2	28	<0.5	3	<3	50
KCT-01 10-12	Rock	3.01	180	4	2483	<3	29	1.5	6	16	474	4.05	6	<8	<2	<2	29	<0.5	3	<3	75
KCT-01 12-14	Rock	2.95	302	7	6687	<3	26	3.1	7	16	384	3.91	5	<8	<2	<2	32	0.6	<3	<3	61
KCT-01 14-16	Rock	2.27	99	9	1633	<3	16	0.8	5	13	474	2.97	6	<8	<2	<2	21	<0.5	<3	<3	16
KCT-01 16-18	Rock	1.82	81	8	1642	<3	20	0.5	6	14	493	2.74	12	<8	<2	<2	26	<0.5	5	<3	17
KCT-01 18-20	Rock	2.12	113	17	2387	<3	24	1.0	5	16	476	3.59	7	<8	<2	<2	62	<0.5	4	<3	38
KCT-01 20-22	Rock	2.96	67	5	1343	<3	18	0.5	4	12	415	2.74	6	<8	<2	<2	58	<0.5	<3	<3	29
KCT-01 22-24	Rock	1.45	245	5	4017	<3	22	4.0	4	15	431	4.38	15	<8	<2	<2	57	0.6	7	<3	53
KCT-01 24-26	Rock	1.88	52	9	984	<3	18	0.4	4	12	406	3.12	5	<8	<2	2	55	<0.5	<3	<3	36
KCT-01 26-28	Rock	2.13	109	5	2431	<3	23	1.1	4	12	507	3.88	8	<8	<2	3	50	<0.5	<3	<3	83
KCT-01 28-30	Rock	1.31	170	15	5351	<3	26	2.6	3	11	330	4.02	10	<8	<2	<2	16	<0.5	4	<3	97
KCT-01 30-32	Rock	1.08	160	9	9503	<3	35	1.5	5	18	452	4.62	12	<8	<2	<2	13	0.6	4	3	102
KCT-01 32-34	Rock	1.35	36	2	2148	<3	66	<0.3	10	17	670	3.04	9	<8	<2	3	21	<0.5	<3	<3	61
KCT-01 34-36	Rock	1.75	111	3	3071	<3	25	0.7	4	14	436	3.94	7	<8	<2	<2	20	<0.5	4	<3	86
KCT-01 36-38	Rock	2.05	84	1	1419	<3	25	0.5	4	11	370	4.71	4	<8	<2	<2	21	<0.5	<3	<3	122
KCT-01 38-40	Rock	2.19	114	3	1822	<3	43	0.6	5	12	423	4.38	5	<8	<2	<2	80	<0.5	3	3	83
KCT-01 40-42	Rock	1.65	91	15	837	<3	39	0.4	14	16	464	3.59	5	<8	<2	<2	29	<0.5	<3	3	69
KCT-01 42-44	Rock	2.01	109	4	892	<3	20	<0.3	4	9	389	2.54	9	<8	<2	<2	19	<0.5	4	<3	25
KCT-01 44-46	Rock	2.40	146	5	1897	<3	26	0.5	5	13	271	2.83	5	<8	<2	2	30	<0.5	<3	<3	47
KCT-01 46-48	Rock	2.54	205	4	2843	<3	23	0.6	4	13	264	3.95	4	<8	<2	2	85	0.7	<3	4	60
KCT-01 48-50	Rock	2.21	35	3	360	<3	62	<0.3	6	13	700	2.35	5	<8	<2	2	34	0.6	<3	<3	28
KCT-01 50-52	Rock	3.00	100	7	1441	<3	21	0.5	3	15	188	3.33	4	<8	<2	<2	78	<0.5	<3	6	26
KCT-01 52-54	Rock	3.55	115	8	935	<3	24	<0.3	2	14	243	3.92	3	<8	<2	3	29	<0.5	<3	4	35
KCT-01 54-56	Rock	2.65	99	21	1251	<3	18	0.4	3	17	290	2.92	6	<8	<2	2	59	<0.5	<3	<3	30
KCT-02 0-5	Rock	1.94	52	2	599	<3	20	<0.3	12	15	375	7.03	<2	<8	<2	<2	33	0.8	<3	5	198
KCT-02 5-10	Rock	1.83	75	<1	935	<3	21	<0.3	12	21	358	4.18	<2	<8	<2	<2	35	<0.5	<3	<3	100

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Project: KENA
Report Date: October 22, 2008

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	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
KCT-01 0-2	Rock	1.00	0.118	5	4	0.50	53	0.02	<20	0.50	0.02	0.33	<2
KCT-01 2-4	Rock	0.49	0.143	9	3	0.54	49	0.05	<20	0.94	0.01	0.50	<2
KCT-01 4-6	Rock	0.99	0.139	7	3	0.59	103	0.04	<20	0.79	0.02	0.55	<2
KCT-01 6-8	Rock	0.57	0.121	6	4	0.50	114	0.04	<20	0.70	0.02	0.41	<2
KCT-01 8-10	Rock	0.49	0.142	8	3	0.58	89	0.06	<20	0.78	0.02	0.52	<2
KCT-01 10-12	Rock	0.51	0.159	12	6	0.86	80	0.09	<20	1.24	0.03	0.78	<2
KCT-01 12-14	Rock	0.54	0.135	9	5	0.78	111	0.08	<20	0.96	0.02	0.63	<2
KCT-01 14-16	Rock	0.25	0.122	7	2	0.12	63	<0.01	<20	0.49	0.03	0.24	<2
KCT-01 16-18	Rock	0.34	0.119	7	2	0.14	65	<0.01	<20	0.50	0.02	0.27	<2
KCT-01 18-20	Rock	0.75	0.167	8	2	0.41	61	0.02	<20	0.70	0.02	0.45	<2
KCT-01 20-22	Rock	0.93	0.112	7	2	0.51	53	0.02	<20	0.56	0.02	0.36	<2
KCT-01 22-24	Rock	0.66	0.160	8	3	0.63	57	0.06	<20	0.86	0.02	0.57	<2
KCT-01 24-26	Rock	0.60	0.130	7	2	0.43	51	0.04	<20	0.70	0.02	0.43	<2
KCT-01 26-28	Rock	0.60	0.139	8	2	0.75	55	0.07	<20	1.02	0.02	0.67	<2
KCT-01 28-30	Rock	0.20	0.142	9	3	1.20	50	0.09	<20	1.37	0.02	0.77	<2
KCT-01 30-32	Rock	0.23	0.171	12	4	1.65	67	0.13	<20	1.84	0.02	0.98	<2
KCT-01 32-34	Rock	0.25	0.094	10	15	0.84	104	0.08	<20	1.60	0.03	0.36	<2
KCT-01 34-36	Rock	0.29	0.165	9	3	1.06	52	0.09	<20	1.30	0.02	0.75	<2
KCT-01 36-38	Rock	0.35	0.180	9	3	1.64	73	0.18	<20	1.99	0.02	1.12	<2
KCT-01 38-40	Rock	0.77	0.158	8	4	1.07	78	0.11	<20	1.37	0.03	0.91	<2
KCT-01 40-42	Rock	0.49	0.197	9	19	0.66	139	0.06	<20	0.99	0.02	0.55	<2
KCT-01 42-44	Rock	0.20	0.099	6	4	0.22	44	0.01	<20	0.61	0.03	0.33	<2
KCT-01 44-46	Rock	0.46	0.188	10	2	0.55	42	0.04	<20	0.90	0.03	0.49	<2
KCT-01 46-48	Rock	1.12	0.162	7	1	1.07	50	0.07	<20	1.02	0.02	0.68	<2
KCT-01 48-50	Rock	0.44	0.108	10	4	0.56	76	0.06	<20	1.02	0.03	0.60	<2
KCT-01 50-52	Rock	0.97	0.142	6	<1	0.46	44	0.03	<20	0.53	0.02	0.39	<2
KCT-01 52-54	Rock	0.28	0.139	8	2	0.44	50	0.04	<20	0.81	0.03	0.45	<2
KCT-01 54-56	Rock	0.93	0.151	8	1	0.32	70	0.02	<20	0.61	0.02	0.39	<2
KCT-02 0-5	Rock	0.55	0.126	5	14	1.78	80	0.19	<20	2.13	0.03	1.39	<2
KCT-02 5-10	Rock	0.62	0.134	6	12	1.53	87	0.15	<20	1.83	0.03	1.42	<2

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Project: KENA
Report Date: October 22, 2008

CERTIFICATE OF ANALYSIS VAN08009182.2

Method		WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
KCT-02 10-12	Rock	1.23	95	3	831	<3	16	0.4	12	16	364	5.39	3	<8	<2	<2	41	0.8	<3	4	107
KCT-02 12-14	Rock	1.37	90	<1	720	<3	14	<0.3	10	11	315	3.04	<2	<8	<2	<2	34	<0.5	<3	<3	50
KCT-02 14-16	Rock	1.19	73	2	994	<3	13	<0.3	10	15	256	3.03	3	<8	<2	2	37	<0.5	<3	<3	50
KCT-02 16-18	Rock	1.55	47	2	697	<3	14	<0.3	7	28	376	2.97	<2	<8	<2	<2	33	<0.5	<3	5	59
KCT-02 18-20	Rock	1.66	79	4	768	<3	12	<0.3	6	18	242	3.20	3	<8	<2	<2	61	<0.5	<3	7	75
KCT-02 20-22	Rock	1.41	71	6	846	<3	9	<0.3	6	8	156	2.41	<2	<8	<2	<2	55	<0.5	<3	<3	54
KCT-02 22-24	Rock	1.52	42	9	244	<3	5	<0.3	8	6	85	1.96	<2	<8	<2	<2	55	<0.5	<3	<3	32
KCT-02 36-38	Rock	1.04	29	3	269	<3	9	<0.3	8	12	197	1.99	2	<8	<2	<2	37	<0.5	<3	3	30
KCT-02 38-40	Rock	1.16	47	4	368	<3	16	<0.3	9	10	259	2.70	2	<8	<2	3	23	<0.5	<3	<3	50
KCT-02 40-42	Rock	1.42	76	2	394	<3	12	<0.3	8	12	261	3.84	3	<8	<2	<2	38	<0.5	<3	3	113
KCT-02 42-44	Rock	1.83	251	3	512	<3	15	0.5	7	12	242	5.31	<2	<8	<2	<2	51	0.6	<3	5	106
KCT-02 44-46	Rock	2.16	839	3	492	<3	14	<0.3	5	5	218	5.74	3	<8	<2	2	34	<0.5	<3	3	112
KCT-02 46-48	Rock	2.73	234	3	594	<3	19	0.5	4	10	256	5.10	<2	<8	<2	2	22	<0.5	<3	5	138
KCT-02 48-50	Rock	2.06	92	3	497	<3	17	<0.3	10	12	415	6.26	<2	<8	<2	<2	34	0.6	<3	<3	178
KCT-02 50-52	Rock	2.51	42	1	145	<3	14	<0.3	11	10	245	2.53	<2	<8	<2	2	42	<0.5	<3	<3	38
KCT-02 52-54	Rock	1.34	33	<1	208	<3	15	<0.3	12	12	265	3.81	<2	<8	<2	<2	44	<0.5	<3	<3	59
KCT-02 54-56	Rock	1.39	62	8	223	<3	13	<0.3	9	14	232	3.76	2	<8	<2	<2	43	<0.5	<3	<3	61
KCT-03 0-2	Rock	2.79	16	<1	89	<3	29	<0.3	6	10	905	3.40	<2	<8	<2	2	37	<0.5	<3	<3	103
KCT-03 2-4	Rock	2.79	88	1	115	<3	23	<0.3	5	10	669	3.58	2	<8	<2	2	31	<0.5	<3	<3	86
KCT-03 4-6	Rock	3.72	196	2	255	<3	24	<0.3	5	14	835	3.84	2	<8	<2	3	16	<0.5	<3	4	81
KCT-03 6-8	Rock	3.16	41	2	286	<3	25	<0.3	5	11	671	3.06	<2	<8	<2	3	15	<0.5	<3	5	63
KCT-03 8-10	Rock	3.34	48	2	381	<3	21	<0.3	7	13	526	4.15	<2	<8	<2	3	18	<0.5	<3	4	98
KCT-03 10-12	Rock	2.52	43	3	142	<3	18	<0.3	2	9	401	4.40	3	<8	<2	3	15	<0.5	<3	5	99
KCT-03 12-14	Rock	2.88	66	1	129	<3	16	<0.3	3	9	402	3.94	<2	<8	<2	3	13	<0.5	<3	<3	84
KCT-03 14-16	Rock	2.69	157	4	521	9	15	0.4	3	9	367	4.53	17	<8	<2	3	27	0.5	<3	<3	29
KCT-03 16-18	Rock	2.53	97	1	269	<3	15	<0.3	4	9	444	2.65	3	<8	<2	3	21	<0.5	<3	<3	32
KCT-04 0-2	Rock	2.50	37	2	575	<3	44	<0.3	6	15	696	3.83	2	<8	<2	3	20	<0.5	<3	4	144
KCT-04 2-4	Rock	3.00	45	5	510	<3	25	0.3	6	18	768	3.21	4	<8	<2	<2	12	<0.5	<3	<3	58
KCT-04 4-6	Rock	1.98	30	5	169	<3	22	<0.3	7	13	483	2.95	3	<8	<2	3	10	<0.5	<3	<3	87
KCT-04 6-8	Rock	2.15	67	6	685	<3	27	0.4	4	20	565	3.65	<2	<8	<2	<2	18	<0.5	<3	<3	70

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	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
KCT-02 10-12	Rock	1.12	0.122	5	21	1.69	64	0.10	<20	1.69	0.03	1.13	<2
KCT-02 12-14	Rock	0.98	0.112	5	27	1.32	70	0.10	<20	1.44	0.02	1.25	<2
KCT-02 14-16	Rock	0.85	0.126	5	10	1.26	60	0.09	<20	1.31	0.03	0.92	<2
KCT-02 16-18	Rock	0.35	0.111	4	11	1.52	40	0.08	<20	1.59	0.02	0.60	<2
KCT-02 18-20	Rock	0.53	0.157	5	7	1.30	67	0.11	<20	1.56	0.04	0.78	<2
KCT-02 20-22	Rock	0.38	0.130	6	7	1.07	56	0.10	<20	1.26	0.02	0.62	<2
KCT-02 22-24	Rock	0.31	0.105	4	13	0.54	51	0.08	<20	0.80	0.03	0.34	<2
KCT-02 36-38	Rock	0.33	0.123	3	11	0.65	38	0.08	<20	0.96	0.03	0.28	<2
KCT-02 38-40	Rock	0.42	0.148	7	17	0.83	61	0.05	<20	1.19	0.03	0.37	<2
KCT-02 40-42	Rock	0.51	0.147	4	5	1.44	105	0.14	<20	1.58	0.03	0.75	<2
KCT-02 42-44	Rock	0.32	0.139	4	6	1.43	128	0.17	<20	1.68	0.03	0.83	<2
KCT-02 44-46	Rock	0.21	0.122	5	10	1.24	77	0.11	<20	1.35	0.02	0.54	<2
KCT-02 46-48	Rock	0.24	0.141	8	11	1.58	75	0.10	<20	1.57	0.02	0.60	<2
KCT-02 48-50	Rock	0.52	0.122	4	17	2.47	127	0.17	<20	2.54	0.02	0.97	<2
KCT-02 50-52	Rock	0.33	0.104	5	17	1.06	56	0.07	<20	1.25	0.04	0.33	<2
KCT-02 52-54	Rock	0.41	0.126	3	38	1.69	75	0.12	<20	1.83	0.02	0.93	<2
KCT-02 54-56	Rock	0.40	0.131	3	7	1.48	57	0.10	<20	1.63	0.03	0.48	<2
KCT-03 0-2	Rock	0.59	0.190	6	3	1.45	61	0.11	<20	1.74	0.02	0.66	<2
KCT-03 2-4	Rock	0.49	0.178	8	3	1.37	48	0.08	<20	1.65	0.02	0.45	<2
KCT-03 4-6	Rock	0.41	0.171	9	6	1.46	38	0.03	<20	1.55	0.01	0.34	<2
KCT-03 6-8	Rock	0.36	0.145	10	7	1.39	63	0.05	<20	1.53	0.03	0.64	<2
KCT-03 8-10	Rock	0.43	0.153	10	12	1.34	54	0.07	<20	1.54	0.02	0.53	<2
KCT-03 10-12	Rock	0.35	0.176	8	3	1.56	48	0.06	<20	1.58	0.02	0.38	<2
KCT-03 12-14	Rock	0.34	0.160	10	3	1.27	40	0.05	<20	1.38	0.02	0.32	<2
KCT-03 14-16	Rock	0.43	0.106	11	4	0.79	54	<0.01	<20	1.02	0.02	0.30	<2
KCT-03 16-18	Rock	0.39	0.101	11	4	0.94	59	0.02	<20	1.09	0.02	0.36	<2
KCT-04 0-2	Rock	0.52	0.210	14	4	1.62	45	0.01	<20	1.91	0.03	0.26	<2
KCT-04 2-4	Rock	0.31	0.129	8	4	1.17	35	<0.01	<20	1.50	0.02	0.28	<2
KCT-04 4-6	Rock	0.26	0.114	9	10	1.26	44	<0.01	<20	1.40	0.03	0.24	<2
KCT-04 6-8	Rock	0.48	0.213	12	2	1.41	57	0.03	<20	1.51	0.02	0.43	<2

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Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
KCT-04 8-10 Rock	2.19	99	6	1587	<3	25	0.7	8	23	557	3.54	<2	<8	<2	<2	18	<0.5	<3	<3	101
KCT-04 10-12 Rock	2.28	80	3	511	<3	19	<0.3	6	11	455	2.53	<2	<8	<2	2	13	<0.5	<3	<3	63
KCT-04 12-14 Rock	3.31	104	13	372	5	11	<0.3	4	11	498	3.09	3	<8	<2	<2	11	<0.5	<3	<3	14
KCT-04 14-16 Rock	2.70	180	12	1407	<3	16	0.5	7	20	783	2.77	<2	<8	<2	2	15	<0.5	<3	<3	24
KCT-04 16-18 Rock	2.13	228	23	1522	<3	14	0.9	8	24	678	3.38	3	<8	<2	2	11	<0.5	<3	<3	19
KCT-04 18-20 Rock	3.03	298	13	3181	<3	23	1.8	17	36	586	4.05	<2	<8	<2	2	13	<0.5	<3	<3	97
KCT-04 20-22 Rock	3.36	139	23	2005	<3	19	1.0	12	51	655	4.81	3	<8	<2	2	13	<0.5	<3	<3	60
KCT-04 22-24 Rock	3.16	135	9	2934	<3	26	1.3	17	41	542	4.40	2	<8	<2	3	14	<0.5	<3	<3	116
KCT-04 24-26 Rock	2.22	413	6	3173	<3	35	1.2	15	31	612	5.18	3	<8	<2	<2	38	<0.5	<3	3	178
KCT-04 26-28 Rock	3.35	146	13	2212	3	29	1.2	17	28	627	6.15	4	<8	<2	<2	39	0.6	<3	5	191
KCT-04 28-30 Rock	2.76	92	4	1237	<3	38	1.2	27	30	361	4.70	2	<8	<2	<2	26	<0.5	<3	<3	199
KCT-04 30-32 Rock	2.10	67	2	740	<3	20	<0.3	9	13	406	2.99	<2	<8	<2	2	14	<0.5	<3	<3	145
KCT-04 32-34 Rock	1.74	<2	<1	288	<3	14	<0.3	6	7	288	2.14	<2	<8	<2	3	12	<0.5	<3	<3	162
KCT-04 34-36 Rock	1.57	18	1	219	<3	15	<0.3	6	7	334	1.92	2	8	<2	2	9	<0.5	<3	<3	114
KCT-04 36-38 Rock	2.29	124	2	732	<3	16	0.4	17	19	225	2.30	<2	10	<2	<2	9	<0.5	<3	<3	96
KCT-04 38-40 Rock	2.01	23	<1	81	4	9	<0.3	3	7	160	1.27	<2	<8	<2	3	10	<0.5	<3	<3	47
KCT-04 40-42 Rock	2.03	40	1	295	<3	17	<0.3	6	8	500	2.57	2	<8	<2	3	16	<0.5	<3	<3	86
KCT-04 42-44 Rock	1.28	20	<1	234	<3	19	<0.3	5	9	452	2.32	3	<8	<2	2	48	<0.5	<3	<3	67
KCT-04 44-46 Rock	1.73	17	<1	219	<3	25	<0.3	7	13	564	2.75	<2	<8	<2	<2	109	<0.5	<3	<3	74
KCT-04 46-48 Rock	2.45	35	<1	275	<3	22	<0.3	5	12	581	3.45	4	<8	<2	2	61	<0.5	<3	<3	95
KCT-05 0-2 Rock	1.79	22	<1	115	5	20	<0.3	4	11	525	2.02	3	<8	<2	4	21	<0.5	<3	<3	26
KCT-05 2-4 Rock	1.03	7	<1	213	<3	22	<0.3	5	18	540	2.15	2	<8	<2	3	33	<0.5	<3	<3	30
KCT-05 4-6 Rock	1.63	11	<1	198	<3	39	<0.3	6	20	808	2.89	3	<8	<2	<2	69	<0.5	<3	<3	63
KCT-05 6-8 Rock	2.06	5	<1	456	<3	47	<0.3	9	32	1076	3.46	3	<8	<2	<2	72	<0.5	<3	<3	84
KCT-05 8-10 Rock	2.71	23	<1	503	<3	32	<0.3	7	34	945	2.85	3	<8	<2	<2	34	<0.5	<3	<3	47
KCT-05 10-12 Rock	2.74	147	2	726	<3	27	<0.3	6	44	838	3.85	5	<8	<2	2	40	<0.5	<3	<3	47
KCT-05 14-16 Rock	3.35	230	4	466	8	120	0.5	6	15	548	4.83	8	<8	<2	2	34	<0.5	<3	<3	45
KCT-05 16-18 Rock	1.55	37	2	388	4	106	<0.3	8	21	763	4.33	2	<8	<2	<2	17	<0.5	<3	<3	73
KCT-05 18-20 Rock	1.39	19	5	380	<3	27	<0.3	7	7	303	5.15	4	<8	<2	<2	9	<0.5	<3	<3	47
KCT-05 20-22 Rock	2.22	18	4	279	<3	31	0.4	9	7	264	4.71	4	<8	<2	<2	18	<0.5	<3	<3	59

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Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
MDL		0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
KCT-04 8-10	Rock	0.41	0.164	13	7	1.60	76	0.10	<20	1.70	0.03	0.78	<2
KCT-04 10-12	Rock	0.22	0.093	10	4	0.86	57	0.05	<20	1.06	0.03	0.51	<2
KCT-04 12-14	Rock	0.14	0.078	9	1	0.07	45	<0.01	<20	0.47	0.02	0.22	<2
KCT-04 14-16	Rock	0.23	0.100	10	4	0.19	53	0.01	<20	0.56	0.01	0.30	<2
KCT-04 16-18	Rock	0.19	0.092	10	4	0.09	55	<0.01	<20	0.54	0.02	0.29	<2
KCT-04 18-20	Rock	0.28	0.122	11	21	1.09	69	0.09	<20	1.31	0.02	0.61	<2
KCT-04 20-22	Rock	0.30	0.151	15	11	0.40	81	0.02	<20	0.96	0.02	0.43	<2
KCT-04 22-24	Rock	0.35	0.157	12	36	1.38	80	0.13	<20	1.65	0.02	0.77	<2
KCT-04 24-26	Rock	0.52	0.140	9	39	2.38	107	0.17	<20	2.55	0.02	0.89	<2
KCT-04 26-28	Rock	0.46	0.143	12	50	2.42	88	0.15	<20	2.54	0.02	0.74	<2
KCT-04 28-30	Rock	0.46	0.144	9	39	2.12	68	0.13	<20	2.10	0.04	0.66	<2
KCT-04 30-32	Rock	0.29	0.098	9	20	1.01	35	0.06	<20	1.19	0.03	0.29	<2
KCT-04 32-34	Rock	0.18	0.046	7	11	0.84	33	0.08	<20	0.96	0.05	0.32	<2
KCT-04 34-36	Rock	0.18	0.060	7	7	0.81	30	0.05	<20	0.89	0.04	0.24	<2
KCT-04 36-38	Rock	0.32	0.128	7	41	0.97	42	0.09	<20	1.14	0.03	0.55	<2
KCT-04 38-40	Rock	0.14	0.059	8	3	0.38	30	<0.01	<20	0.54	0.03	0.17	<2
KCT-04 40-42	Rock	0.27	0.104	10	9	0.85	60	0.06	<20	1.08	0.04	0.38	<2
KCT-04 42-44	Rock	0.35	0.097	7	7	0.83	56	0.09	<20	1.08	0.03	0.41	2
KCT-04 44-46	Rock	0.59	0.140	7	7	1.29	78	0.12	<20	1.62	0.04	0.65	<2
KCT-04 46-48	Rock	0.47	0.159	7	8	1.18	72	0.13	<20	1.57	0.03	0.64	<2
KCT-05 0-2	Rock	0.33	0.072	8	2	0.53	78	0.06	<20	0.84	0.03	0.43	<2
KCT-05 2-4	Rock	0.26	0.079	8	2	0.56	79	0.06	<20	1.00	0.04	0.47	<2
KCT-05 4-6	Rock	0.56	0.146	9	2	1.30	88	0.13	<20	1.72	0.03	1.01	<2
KCT-05 6-8	Rock	0.62	0.184	10	6	1.63	92	0.14	<20	2.24	0.03	1.01	<2
KCT-05 8-10	Rock	0.41	0.132	9	4	1.02	73	0.10	<20	1.60	0.03	0.61	<2
KCT-05 10-12	Rock	0.32	0.130	10	2	0.79	97	0.10	<20	1.45	0.03	0.70	<2
KCT-05 14-16	Rock	0.16	0.088	10	7	1.01	78	0.07	<20	1.31	0.02	0.45	<2
KCT-05 16-18	Rock	0.28	0.100	7	12	1.72	65	0.10	<20	2.01	0.03	0.52	2
KCT-05 18-20	Rock	0.30	0.113	4	15	1.81	27	0.12	<20	1.71	0.02	0.39	<2
KCT-05 20-22	Rock	0.40	0.130	4	17	1.77	35	0.16	<20	1.67	0.02	0.39	<2

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Project: KENA
Report Date: October 22, 2008

CERTIFICATE OF ANALYSIS VAN08009182.2

	Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
KCT-05 22-24	Rock	1.83	23	6	295	<3	24	<0.3	16	13	292	5.09	6	<8	<2	<2	15	<0.5	<3	<3	56
KCT-05 24-26	Rock	1.64	21	9	337	5	27	<0.3	8	7	300	3.95	4	<8	<2	<2	27	<0.5	<3	<3	48
KCT-05 26-28	Rock	0.96	15	<1	179	4	24	<0.3	5	11	310	2.43	5	<8	<2	2	88	<0.5	<3	<3	56
KCT-05 28-30	Rock	1.44	25	<1	75	3	17	<0.3	4	9	416	2.03	6	<8	<2	2	36	<0.5	<3	<3	22
KCT-05 30-32	Rock	3.30	29	1	101	4	15	0.3	4	8	214	2.67	4	<8	<2	<2	14	<0.5	<3	<3	19
KCT-05 32-34	Rock	2.43	39	6	316	<3	14	0.4	15	19	190	4.58	3	<8	<2	<2	33	<0.5	<3	7	34
KCT-05 34-36	Rock	2.37	31	4	180	<3	7	<0.3	15	19	93	4.62	4	<8	<2	<2	25	<0.5	<3	3	30
KCT-05 36-38	Rock	2.64	28	4	71	<3	14	0.4	4	4	180	3.36	<2	<8	<2	<2	43	<0.5	<3	<3	54
KCT-05 38-40	Rock	2.41	35	3	152	<3	16	<0.3	7	10	226	4.06	<2	11	<2	<2	22	<0.5	<3	<3	42
KCT-05 40-42	Rock	2.59	12	<1	196	<3	44	<0.3	11	22	910	3.93	<2	<8	<2	<2	77	<0.5	<3	<3	124
KCT-05 42-44	Rock	1.69	5	<1	229	<3	44	<0.3	9	20	863	3.47	<2	<8	<2	<2	72	<0.5	<3	<3	94
KCT-05 44-46	Rock	2.36	25	2	92	<3	14	<0.3	11	20	161	4.44	4	<8	<2	<2	21	<0.5	<3	<3	42
KCT-05 46-48	Rock	1.92	28	1	52	<3	12	<0.3	11	23	130	5.47	3	<8	<2	<2	19	<0.5	<3	<3	45
KCT-05 48-50	Rock	2.39	17	3	109	<3	25	<0.3	12	18	407	3.33	2	<8	<2	<2	61	<0.5	<3	<3	70
KCT-05 50-52	Rock	2.35	24	3	107	<3	23	<0.3	11	20	349	4.01	3	<8	<2	<2	39	<0.5	<3	3	54
KCT-05 52-54	Rock	2.05	14	2	87	<3	23	<0.3	11	15	304	2.99	4	<8	<2	<2	25	<0.5	<3	<3	33
KCT-05 54-56	Rock	1.41	25	2	82	<3	13	<0.3	7	12	136	3.51	7	<8	<2	<2	30	<0.5	<3	3	31
KCT-05 56-58	Rock	1.47	25	<1	22	21	31	<0.3	3	5	329	2.15	4	<8	<2	<2	8	<0.5	<3	<3	20
KCT-06 0-2	Rock	1.23	73	<1	483	<3	45	<0.3	19	22	892	4.65	2	<8	<2	<2	82	0.7	<3	5	163
KCT-06 2-4	Rock	1.57	176	<1	707	<3	44	<0.3	22	22	856	4.84	<2	<8	<2	<2	71	0.6	<3	4	174
KCT-06 4-6	Rock	2.00	100	<1	639	<3	46	<0.3	17	21	816	4.13	<2	<8	<2	<2	77	0.7	<3	6	150
KCT-06 6-8	Rock	2.09	102	<1	733	<3	33	0.6	30	24	766	3.89	<2	<8	<2	<2	90	0.5	<3	5	137
KCT-06 8-10	Rock	1.86	52	<1	541	<3	43	<0.3	24	22	812	4.19	2	<8	<2	<2	84	<0.5	<3	<3	149
KCT-06 10-12	Rock	1.86	42	<1	467	<3	43	<0.3	22	26	856	4.76	<2	<8	<2	<2	93	0.6	<3	<3	168
KCT-06 12-14	Rock	1.77	60	<1	435	<3	38	0.4	15	21	755	3.98	<2	<8	<2	<2	24	<0.5	<3	<3	83
KCT-06 14-16	Rock	1.49	54	<1	295	<3	29	0.3	13	16	676	3.34	<2	<8	<2	2	33	<0.5	<3	<3	71
KCT-06 16-18	Rock	1.66	33	<1	236	<3	22	<0.3	7	11	518	2.90	<2	<8	<2	<2	18	<0.5	<3	<3	55
KCT-06 18-20	Rock	1.72	67	<1	123	<3	18	<0.3	7	14	702	2.74	<2	<8	<2	<2	14	<0.5	<3	<3	16
KCT-06 20-22	Rock	1.87	66	<1	1073	<3	26	0.8	5	10	645	2.92	<2	<8	<2	<2	31	<0.5	<3	4	49
KCT-06 22-24	Rock	2.08	63	<1	706	<3	24	0.3	5	13	575	3.04	<2	<8	<2	<2	40	<0.5	<3	<3	54

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CERTIFICATE OF ANALYSIS VAN08009182.2

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
KCT-05 22-24	Rock	0.34	0.127	3	32	1.72	38	0.16	<20	1.65	0.02	0.53	<2
KCT-05 24-26	Rock	0.29	0.107	4	16	1.66	40	0.16	<20	1.77	0.02	0.56	3
KCT-05 26-28	Rock	0.52	0.159	5	3	0.79	44	0.09	<20	1.03	0.03	0.20	<2
KCT-05 28-30	Rock	0.22	0.068	4	3	0.46	34	0.04	<20	0.72	0.05	0.15	<2
KCT-05 30-32	Rock	0.18	0.072	3	2	0.48	36	0.05	<20	0.67	0.03	0.20	<2
KCT-05 32-34	Rock	0.35	0.119	3	18	0.60	43	0.12	<20	0.74	0.02	0.29	<2
KCT-05 34-36	Rock	0.30	0.130	3	7	0.22	40	0.12	<20	0.45	0.01	0.22	<2
KCT-05 36-38	Rock	0.29	0.127	3	4	0.99	51	0.19	<20	1.16	0.04	0.56	<2
KCT-05 38-40	Rock	0.36	0.124	4	9	1.10	36	0.14	<20	1.08	0.02	0.32	<2
KCT-05 40-42	Rock	0.56	0.140	4	12	1.96	193	0.16	<20	2.39	0.04	1.29	<2
KCT-05 42-44	Rock	0.52	0.135	4	10	1.77	155	0.14	<20	2.29	0.04	1.10	<2
KCT-05 44-46	Rock	0.43	0.129	3	8	0.73	45	0.14	<20	0.94	0.03	0.27	<2
KCT-05 46-48	Rock	0.41	0.131	3	4	0.60	44	0.15	<20	0.82	0.02	0.29	<2
KCT-05 48-50	Rock	0.66	0.136	4	13	1.06	62	0.19	<20	1.34	0.04	0.62	<2
KCT-05 50-52	Rock	0.51	0.126	3	9	1.07	49	0.17	<20	1.20	0.03	0.25	<2
KCT-05 52-54	Rock	0.45	0.131	3	11	0.93	52	0.11	<20	1.06	0.03	0.31	<2
KCT-05 54-56	Rock	0.36	0.132	2	5	0.29	52	0.13	<20	0.60	0.02	0.25	<2
KCT-05 56-58	Rock	0.19	0.066	3	1	0.47	52	0.05	<20	0.79	0.04	0.32	8
KCT-06 0-2	Rock	0.90	0.172	5	27	2.69	122	0.19	<20	2.93	0.03	1.41	<2
KCT-06 2-4	Rock	0.74	0.157	5	32	2.70	152	0.19	<20	2.86	0.04	1.25	<2
KCT-06 4-6	Rock	1.04	0.162	5	20	2.41	187	0.19	<20	2.64	0.04	1.60	<2
KCT-06 6-8	Rock	0.76	0.168	5	111	2.76	93	0.18	<20	2.74	0.04	0.93	<2
KCT-06 8-10	Rock	0.65	0.157	4	69	2.80	101	0.16	<20	2.93	0.03	0.91	<2
KCT-06 10-12	Rock	0.64	0.182	5	19	2.77	139	0.20	<20	3.10	0.03	1.33	<2
KCT-06 12-14	Rock	0.46	0.146	7	12	1.92	92	0.10	<20	2.17	0.03	0.63	<2
KCT-06 14-16	Rock	0.50	0.125	7	13	1.38	86	0.09	<20	1.76	0.03	0.61	<2
KCT-06 16-18	Rock	0.28	0.110	10	7	0.94	85	0.09	<20	1.40	0.03	0.68	<2
KCT-06 18-20	Rock	0.28	0.121	9	2	0.19	71	<0.01	<20	0.83	0.02	0.37	<2
KCT-06 20-22	Rock	0.50	0.124	7	3	1.05	62	0.04	<20	1.40	0.04	0.49	<2
KCT-06 22-24	Rock	0.62	0.140	7	3	1.06	83	0.09	<20	1.53	0.04	0.80	<2

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Method		WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
KCT-06 24-26	Rock	2.50	75	<1	742	<3	23	<0.3	5	12	597	2.75	<2	<8	<2	<2	27	<0.5	<3	3	54
KCT-06 26-28	Rock	2.67	231	<1	904	<3	21	0.7	7	12	560	2.99	3	<8	<2	2	25	<0.5	<3	<3	60
KCT-06 28-30	Rock	3.69	180	<1	932	<3	30	0.6	10	13	674	3.40	<2	9	<2	<2	41	<0.5	<3	<3	114
KCT-06 30-32	Rock	1.92	97	<1	1471	<3	33	1.4	13	20	635	4.20	<2	<8	<2	<2	32	<0.5	<3	3	121
KCT-06 32-34	Rock	1.99	72	<1	793	<3	31	0.5	12	16	622	4.24	<2	<8	<2	<2	34	0.5	<3	<3	110
KCT-06 34-36	Rock	2.03	77	<1	874	<3	28	0.9	12	16	679	4.12	<2	<8	<2	<2	68	0.6	<3	4	100
KCT-06 36-38	Rock	2.12	200	<1	1769	<3	18	1.7	7	16	475	2.58	<2	<8	<2	2	25	<0.5	<3	3	53
KCT-06 38-40	Rock	1.42	249	<1	1617	<3	24	1.4	10	15	592	3.14	3	<8	<2	<2	38	<0.5	<3	<3	61
KCT-06 40-42	Rock	1.53	64	<1	506	<3	45	<0.3	11	21	845	4.76	<2	<8	<2	<2	87	0.5	<3	3	111
KCT-06 42-44	Rock	2.83	50	<1	327	<3	42	<0.3	14	23	932	5.83	<2	<8	<2	<2	84	0.6	<3	<3	140
KCT-06 44-46	Rock	2.30	764	3	473	<3	43	0.4	12	20	826	6.10	<2	<8	<2	<2	44	0.7	<3	5	143
KCT-06 46-48	Rock	2.95	61	<1	442	<3	42	<0.3	13	22	913	5.52	3	<8	<2	<2	50	<0.5	<3	7	127
KCT-06 48-50	Rock	2.85	121	<1	738	<3	43	0.5	13	24	985	5.44	<2	<8	<2	<2	46	<0.5	<3	4	132
KCT-07 0-2	Rock	1.90	40	<1	228	<3	43	<0.3	15	14	1062	4.70	<2	<8	<2	<2	75	<0.5	<3	<3	141
KCT-07 2-4	Rock	1.75	68	<1	77	<3	36	<0.3	7	13	964	3.21	<2	<8	<2	<2	54	<0.5	<3	4	76
KCT-07 4-6	Rock	1.87	36	<1	143	<3	32	<0.3	7	11	881	2.88	<2	<8	<2	<2	75	<0.5	<3	4	74
KCT-07 6-8	Rock	2.54	61	<1	56	<3	16	<0.3	4	7	685	1.88	<2	<8	<2	<2	109	<0.5	<3	<3	45
KCT-07 8-10	Rock	1.63	26	<1	182	<3	29	<0.3	7	13	747	3.03	<2	<8	<2	<2	61	<0.5	<3	<3	79
KCT-07 10-12	Rock	2.29	114	<1	100	<3	32	<0.3	8	18	848	3.70	2	<8	<2	<2	31	<0.5	<3	7	72
KCT-07 12-14	Rock	1.67	77	<1	183	<3	45	<0.3	26	42	1009	7.30	<2	9	<2	<2	25	<0.5	<3	4	199
KCT-07 14-16	Rock	1.21	70	<1	63	<3	64	<0.3	26	31	1225	6.81	3	<8	<2	<2	30	<0.5	<3	7	121
KCT-07 16-18	Rock	0.57	101	<1	19	<3	20	<0.3	9	14	651	3.05	<2	<8	<2	<2	20	<0.5	<3	<3	17
KCT-07 18-20	Rock	1.71	100	<1	33	<3	19	<0.3	8	13	536	2.60	3	<8	<2	<2	44	<0.5	<3	<3	14
KCT-07 20-22	Rock	1.96	136	<1	31	<3	17	<0.3	8	13	610	2.47	15	12	<2	<2	21	<0.5	3	<3	13
KCT-07 22-24	Rock	2.35	332	<1	62	<3	32	<0.3	16	13	760	4.24	7	<8	<2	<2	72	<0.5	<3	<3	70
KCT-07 24-26	Rock	2.46	138	<1	52	<3	29	<0.3	13	16	648	5.14	10	<8	<2	<2	24	<0.5	<3	4	133
KCT-07 26-28	Rock	2.51	40	<1	169	<3	32	<0.3	15	24	843	4.68	2	<8	<2	<2	44	<0.5	<3	4	132
KCT-07 28-30	Rock	2.20	85	<1	141	<3	41	<0.3	15	19	1098	4.94	3	<8	<2	<2	31	<0.5	<3	5	123
KCT-07 30-32	Rock	3.47	41	1	136	<3	49	<0.3	18	24	938	4.70	3	<8	<2	<2	22	<0.5	<3	5	125
KCT-07 32-34	Rock	1.60	27	<1	97	<3	52	<0.3	17	19	912	4.92	3	<8	<2	<2	25	<0.5	<3	4	134

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	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
KCT-06 24-26	Rock	0.46	0.138	6	3	1.12	74	0.12	<20	1.66	0.03	0.81	<2
KCT-06 26-28	Rock	0.48	0.151	9	3	1.10	73	0.10	<20	1.62	0.04	0.82	<2
KCT-06 28-30	Rock	0.69	0.166	8	15	2.03	61	0.13	<20	2.15	0.04	0.80	<2
KCT-06 30-32	Rock	0.52	0.177	7	17	2.15	96	0.16	<20	2.44	0.04	1.24	<2
KCT-06 32-34	Rock	0.57	0.179	8	14	1.87	99	0.15	<20	2.21	0.03	1.05	<2
KCT-06 34-36	Rock	1.12	0.173	7	15	1.74	121	0.17	<20	2.06	0.03	1.31	<2
KCT-06 36-38	Rock	0.37	0.111	10	5	0.85	66	0.08	<20	1.21	0.04	0.70	<2
KCT-06 38-40	Rock	0.56	0.136	10	9	1.19	84	0.12	<20	1.51	0.03	0.99	<2
KCT-06 40-42	Rock	1.32	0.198	9	9	2.02	121	0.16	<20	2.33	0.02	1.14	2
KCT-06 42-44	Rock	1.33	0.217	6	12	2.64	107	0.15	<20	2.81	0.03	0.96	<2
KCT-06 44-46	Rock	0.66	0.203	6	10	2.51	119	0.16	<20	2.81	0.03	0.83	<2
KCT-06 46-48	Rock	0.88	0.199	7	11	2.54	105	0.12	<20	2.71	0.03	0.80	<2
KCT-06 48-50	Rock	0.69	0.192	7	12	2.53	118	0.15	<20	2.83	0.02	0.85	<2
KCT-07 0-2	Rock	2.04	0.171	3	33	2.70	42	0.07	<20	2.69	0.04	0.16	<2
KCT-07 2-4	Rock	1.60	0.170	3	7	1.87	32	0.05	<20	1.94	0.04	0.07	<2
KCT-07 4-6	Rock	2.29	0.166	3	7	1.82	49	0.05	<20	1.90	0.04	0.10	<2
KCT-07 6-8	Rock	2.58	0.115	3	6	0.84	19	0.02	<20	1.00	0.03	0.08	<2
KCT-07 8-10	Rock	1.48	0.159	5	6	1.66	28	0.02	<20	1.78	0.05	0.11	<2
KCT-07 10-12	Rock	0.91	0.174	5	5	1.75	37	0.02	<20	1.89	0.04	0.12	<2
KCT-07 12-14	Rock	0.50	0.182	5	54	3.34	50	0.10	<20	3.49	0.03	0.38	<2
KCT-07 14-16	Rock	0.59	0.182	6	69	3.15	66	0.04	<20	3.33	0.02	0.19	<2
KCT-07 16-18	Rock	0.33	0.125	6	5	0.98	69	<0.01	<20	1.41	0.02	0.28	<2
KCT-07 18-20	Rock	0.61	0.119	7	5	0.85	74	0.02	<20	1.27	0.02	0.31	<2
KCT-07 20-22	Rock	0.36	0.118	8	4	0.78	89	0.01	<20	1.28	0.02	0.32	<2
KCT-07 22-24	Rock	1.13	0.152	6	18	2.06	54	0.02	<20	2.24	0.02	0.23	<2
KCT-07 24-26	Rock	0.49	0.163	4	19	2.15	54	0.07	<20	2.17	0.03	0.31	<2
KCT-07 26-28	Rock	1.06	0.196	3	17	2.55	37	0.06	<20	2.38	0.04	0.22	<2
KCT-07 28-30	Rock	0.88	0.199	6	22	2.64	42	0.02	<20	2.61	0.04	0.15	<2
KCT-07 30-32	Rock	0.65	0.192	5	32	2.69	44	0.03	<20	2.64	0.03	0.22	<2
KCT-07 32-34	Rock	0.59	0.187	4	22	2.53	70	0.06	<20	2.58	0.03	0.37	<2

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Project: KENA
Report Date: October 22, 2008

CERTIFICATE OF ANALYSIS VAN08009182.2

	Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
KCT-07 34-36	Rock	2.14	44	1	279	<3	63	<0.3	23	30	977	5.90	4	<8	<2	<2	35	<0.5	<3	5	171
KCT-07 36-38	Rock	2.74	27	<1	269	<3	46	<0.3	25	34	1025	5.37	<2	<8	<2	<2	29	<0.5	<3	4	182
KCT-07 38-40	Rock	2.03	42	<1	120	<3	40	<0.3	20	22	941	4.64	3	<8	<2	<2	34	<0.5	<3	4	139
KCT-07 40-42	Rock	2.20	50	2	294	<3	39	<0.3	16	22	860	5.30	<2	<8	<2	<2	40	<0.5	<3	4	131
KCT-07 42-44	Rock	1.82	39	4	494	<3	40	<0.3	16	18	1037	6.18	3	<8	<2	<2	36	<0.5	<3	<3	129
KCT-07 44-46	Rock	1.07	46	1	312	<3	40	<0.3	19	25	942	4.73	<2	<8	<2	<2	42	<0.5	<3	4	116
KCT-07 46-48	Rock	1.24	65	4	321	<3	31	<0.3	15	20	821	3.89	<2	<8	<2	<2	43	<0.5	<3	<3	82
KCT-07 48-50	Rock	2.49	58	4	213	<3	41	<0.3	18	20	907	4.88	<2	<8	<2	<2	28	<0.5	<3	<3	116
KCT-07 50-52	Rock	1.84	225	3	433	<3	47	0.3	13	21	1023	6.05	<2	<8	<2	<2	19	<0.5	<3	3	86
KCT-07 52-54	Rock	0.92	258	4	448	<3	64	0.4	21	27	1435	5.94	<2	<8	<2	2	22	0.5	<3	6	119
KCT-07 54-56	Rock	1.59	118	<1	219	<3	29	<0.3	7	11	567	2.83	<2	<8	<2	<2	35	<0.5	<3	<3	46
KCT-08 0-2	Rock	2.33	23	4	54	<3	7	<0.3	5	4	141	3.47	<2	<8	<2	<2	36	<0.5	<3	<3	53
KCT-08 2-4	Rock	1.91	18	2	14	<3	10	<0.3	3	3	258	2.91	2	<8	<2	<2	27	<0.5	<3	<3	44
KCT-08 4-6	Rock	1.82	35	4	79	<3	7	<0.3	6	6	134	5.11	2	9	<2	<2	31	<0.5	<3	4	45
KCT-08 6-8	Rock	1.42	28	4	53	<3	19	<0.3	9	8	391	5.37	3	10	<2	<2	26	<0.5	<3	4	58
KCT-08 8-10	Rock	2.64	30	4	30	<3	9	<0.3	4	4	121	5.36	<2	<8	<2	<2	45	<0.5	<3	<3	59
KCT-08 10-12	Rock	3.46	28	3	45	<3	14	<0.3	12	12	158	5.45	3	<8	<2	<2	15	<0.5	<3	<3	51
KCT-08 12-14	Rock	1.85	36	3	89	3	18	<0.3	5	3	214	8.04	7	<8	<2	3	29	<0.5	<3	<3	75
KCT-08 14-16	Rock	2.38	44	4	62	4	12	<0.3	3	2	183	4.59	7	<8	<2	<2	49	<0.5	<3	<3	87
KCT-08 16-18	Rock	2.67	26	1	66	<3	12	<0.3	4	1	230	3.96	5	<8	<2	<2	82	<0.5	<3	<3	83
KCT-08 18-20	Rock	1.67	38	2	83	<3	17	<0.3	8	2	266	4.29	5	10	<2	<2	52	<0.5	<3	<3	96
KCT-08 20-22	Rock	1.06	17	2	121	<3	14	<0.3	14	9	423	2.53	7	<8	<2	<2	171	<0.5	<3	4	72
KCT-08 22-24	Rock	1.10	28	2	86	<3	24	<0.3	15	12	468	4.39	6	<8	<2	<2	53	<0.5	<3	<3	119
KCT-08 24-26	Rock	1.29	22	2	94	<3	20	<0.3	13	13	406	3.68	6	<8	<2	<2	61	<0.5	<3	<3	104
KCT-08 26-28	Rock	1.68	48	1	106	<3	15	<0.3	3	5	274	4.97	7	<8	<2	<2	52	<0.5	<3	<3	74
KCT-08 28-30	Rock	1.18	16	<1	53	<3	12	<0.3	4	7	171	3.64	7	<8	<2	<2	67	<0.5	<3	<3	51
KCT-08 30-32	Rock	1.69	28	2	82	<3	7	<0.3	7	11	122	4.88	7	<8	<2	<2	49	<0.5	<3	<3	39
KCT-08 32-34	Rock	1.82	38	4	282	4	22	<0.3	14	17	378	5.80	20	8	<2	<2	37	<0.5	<3	<3	72
KCT-08 34-36	Rock	1.40	14	3	102	<3	22	<0.3	7	14	403	3.37	6	<8	<2	<2	40	<0.5	<3	<3	62
KCT-08 36-38	Rock	1.67	18	3	105	<3	20	<0.3	7	12	354	3.76	6	<8	<2	<2	52	<0.5	<3	<3	71

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Project: KENA
Report Date: October 22, 2008

CERTIFICATE OF ANALYSIS VAN08009182.2

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
KCT-07 34-36	Rock	0.57	0.197	4	38	3.13	37	0.10	<20	2.99	0.04	0.18	<2
KCT-07 36-38	Rock	0.60	0.206	5	40	3.11	38	0.08	<20	2.86	0.04	0.19	<2
KCT-07 38-40	Rock	0.53	0.166	3	36	2.79	40	0.09	<20	2.71	0.04	0.22	<2
KCT-07 40-42	Rock	0.80	0.203	4	18	2.60	80	0.11	<20	2.62	0.04	0.50	<2
KCT-07 42-44	Rock	0.82	0.194	5	16	2.50	94	0.12	<20	2.65	0.02	0.74	<2
KCT-07 44-46	Rock	1.20	0.159	5	37	2.43	79	0.05	<20	2.49	0.03	0.49	<2
KCT-07 46-48	Rock	0.80	0.146	7	13	1.59	57	0.03	<20	1.73	0.03	0.32	<2
KCT-07 48-50	Rock	0.59	0.196	5	16	2.60	49	0.05	<20	2.56	0.05	0.22	<2
KCT-07 50-52	Rock	0.44	0.173	8	8	1.99	59	<0.01	<20	2.54	0.04	0.19	<2
KCT-07 52-54	Rock	0.51	0.189	8	34	2.50	83	0.02	<20	2.83	0.03	0.29	<2
KCT-07 54-56	Rock	0.42	0.115	4	6	1.37	65	0.06	<20	1.60	0.03	0.45	<2
KCT-08 0-2	Rock	0.31	0.121	4	11	0.54	51	0.16	<20	0.86	0.04	0.43	<2
KCT-08 2-4	Rock	0.28	0.104	3	8	0.66	39	0.10	<20	0.90	0.04	0.40	<2
KCT-08 4-6	Rock	0.20	0.115	3	18	0.43	55	0.19	<20	0.78	0.04	0.35	<2
KCT-08 6-8	Rock	0.24	0.121	3	33	1.23	42	0.17	<20	1.34	0.03	0.35	<2
KCT-08 8-10	Rock	0.08	0.087	3	15	0.49	73	0.24	<20	0.75	0.04	0.35	<2
KCT-08 10-12	Rock	0.16	0.086	2	23	1.32	30	0.15	<20	1.23	0.02	0.46	<2
KCT-08 12-14	Rock	0.11	0.185	4	26	1.40	63	0.22	<20	1.72	0.03	0.46	<2
KCT-08 14-16	Rock	0.22	0.114	4	12	0.97	68	0.24	<20	1.23	0.03	0.59	<2
KCT-08 16-18	Rock	0.39	0.108	4	14	1.10	73	0.23	<20	1.56	0.04	0.77	<2
KCT-08 18-20	Rock	0.30	0.107	3	32	1.42	71	0.21	<20	1.89	0.03	0.77	<2
KCT-08 20-22	Rock	1.01	0.106	3	27	0.99	44	0.14	<20	1.36	0.03	0.40	<2
KCT-08 22-24	Rock	0.47	0.127	3	43	1.75	151	0.20	<20	2.04	0.03	1.22	<2
KCT-08 24-26	Rock	0.51	0.120	4	30	1.41	131	0.20	<20	1.76	0.04	1.04	<2
KCT-08 26-28	Rock	0.30	0.165	4	7	1.06	78	0.20	<20	1.35	0.03	0.60	<2
KCT-08 28-30	Rock	0.58	0.195	3	2	0.53	48	0.12	<20	0.86	0.04	0.33	<2
KCT-08 30-32	Rock	0.51	0.182	2	4	0.26	40	0.11	<20	0.60	0.03	0.19	<2
KCT-08 32-34	Rock	0.40	0.119	4	18	0.81	51	0.10	<20	1.53	0.02	0.33	<2
KCT-08 34-36	Rock	0.54	0.143	4	9	1.16	55	0.15	<20	1.35	0.03	0.37	<2
KCT-08 36-38	Rock	0.51	0.143	4	7	1.10	69	0.18	<20	1.39	0.03	0.61	<2

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Project: KENA
Report Date: October 22, 2008

CERTIFICATE OF ANALYSIS VAN08009182.2

Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
KCT-08 38-40 Rock	1.23	16	3	90	<3	12	<0.3	6	13	212	3.28	5	<8	<2	<2	54	<0.5	<3	<3	46
KCT-08 40-42 Rock	1.51	19	2	45	<3	13	<0.3	5	7	250	3.38	8	<8	<2	<2	75	<0.5	<3	<3	55
KCT-08 42-44 Rock	1.08	38	1	78	<3	9	<0.3	4	4	142	4.11	6	<8	<2	<2	68	<0.5	<3	<3	48
KCT-08 44-46 Rock	1.51	26	2	28	<3	10	<0.3	7	10	212	4.41	8	<8	<2	<2	48	<0.5	<3	<3	46
KCT-08 46-48 Rock	1.63	10	3	27	7	8	<0.3	4	4	84	3.55	9	<8	<2	<2	67	<0.5	<3	<3	43

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CERTIFICATE OF ANALYSIS VAN08009182.2

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
KCT-08 38-40	Rock	0.52	0.136	3	4	0.49	58	0.16	<20	0.84	0.03	0.32	<2
KCT-08 40-42	Rock	0.66	0.148	3	9	0.65	65	0.17	<20	1.06	0.03	0.40	<2
KCT-08 42-44	Rock	0.47	0.188	3	5	0.42	49	0.15	<20	0.80	0.03	0.30	<2
KCT-08 44-46	Rock	0.28	0.136	3	12	0.41	58	0.16	<20	0.62	0.03	0.23	<2
KCT-08 46-48	Rock	0.29	0.131	4	10	0.31	138	0.16	<20	0.54	0.04	0.28	<2

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QUALITY CONTROL REPORT VAN08009182.2

	Method	WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
Pulp Duplicates																					
KCT-01 40-42	Rock	1.65	91	15	837	<3	39	0.4	14	16	464	3.59	5	<8	<2	<2	29	<0.5	<3	3	69
REP KCT-01 40-42	QC		88																		
KCT-02 22-24	Rock	1.52	42	9	244	<3	5	<0.3	8	6	85	1.96	<2	<8	<2	<2	55	<0.5	<3	<3	32
REP KCT-02 22-24	QC			9	243	<3	6	<0.3	8	6	85	1.96	<2	<8	<2	<2	57	<0.5	<3	3	33
KCT-05 26-28	Rock	0.96	15	<1	179	4	24	<0.3	5	11	310	2.43	5	<8	<2	2	88	<0.5	<3	<3	50
REP KCT-05 26-28	QC			<1	174	<3	23	<0.3	5	10	315	2.35	6	<8	<2	<2	86	<0.5	<3	<3	48
KCT-06 16-18	Rock	1.66	33	<1	236	<3	22	<0.3	7	11	518	2.90	<2	<8	<2	<2	18	<0.5	<3	<3	55
REP KCT-06 16-18	QC			<1	235	<3	22	<0.3	8	11	523	2.90	<2	<8	<2	2	18	<0.5	<3	<3	57
KCT-07 14-16	Rock	1.21	70	<1	63	<3	64	<0.3	26	31	1225	6.81	3	<8	<2	<2	30	<0.5	<3	7	121
REP KCT-07 14-16	QC		69																		
KCT-07 16-18	Rock	0.57	101	<1	19	<3	20	<0.3	9	14	651	3.05	<2	<8	<2	<2	20	<0.5	<3	<3	17
REP KCT-07 16-18	QC			<1	20	<3	20	<0.3	10	14	652	3.11	<2	10	<2	<2	20	<0.5	<3	4	18
KCT-08 22-24	Rock	1.10	28	2	86	<3	24	<0.3	15	12	468	4.39	6	<8	<2	<2	53	<0.5	<3	<3	119
REP KCT-08 22-24	QC		28																		
Reference Materials																					
STD DS7	Standard			17	98	62	367	0.8	50	9	593	2.21	48	<8	<2	4	61	5.4	6	5	76
STD DS7	Standard			18	96	62	375	0.7	51	9	603	2.19	48	<8	<2	4	60	5.5	7	7	74
STD DS7	Standard			18	103	70	401	0.8	54	9	611	2.41	51	<8	<2	4	68	5.7	5	<3	80
STD DS7	Standard			19	95	63	372	0.8	50	9	590	2.24	46	<8	<2	4	65	5.3	4	4	76
STD DS7	Standard			19	101	64	374	0.8	50	8	592	2.22	46	<8	<2	3	63	5.6	5	5	78
STD DS7	Standard			19	101	66	391	0.8	53	9	646	2.30	55	<8	<2	4	70	6.0	6	5	83
STD DS7	Standard			19	97	61	383	0.7	51	9	578	2.23	47	<8	<2	5	63	5.4	5	4	78
STD DS7	Standard			19	97	61	379	0.8	53	9	613	2.23	49	<8	<2	4	64	5.7	5	4	80
STD DS7	Standard			18	97	58	371	0.8	49	9	562	2.20	48	<8	<2	5	57	5.6	4	5	78
STD DS7	Standard			19	100	62	389	0.9	52	9	585	2.31	48	<8	<2	4	62	5.7	4	8	82
STD DS7	Standard			19	103	63	415	0.8	51	8	619	2.33	52	12	<2	4	68	5.7	4	<3	81
STD DS7	Standard			18	98	69	403	0.8	51	8	596	2.30	50	<8	<2	5	66	5.7	5	5	81
STD OXE56	Standard		576																		

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Project: KENA
Report Date: October 22, 2008

QUALITY CONTROL REPORT VAN08009182.2

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
Pulp Duplicates													
KCT-01 40-42	Rock	0.49	0.197	9	19	0.66	139	0.06	<20	0.99	0.02	0.55	<2
REP KCT-01 40-42	QC												
KCT-02 22-24	Rock	0.31	0.105	4	13	0.54	51	0.08	<20	0.80	0.03	0.34	<2
REP KCT-02 22-24	QC	0.31	0.106	4	12	0.54	52	0.08	<20	0.81	0.03	0.34	<2
KCT-05 26-28	Rock	0.52	0.159	5	3	0.79	44	0.09	<20	1.03	0.03	0.20	<2
REP KCT-05 26-28	QC	0.50	0.154	5	4	0.78	43	0.09	<20	1.01	0.03	0.20	<2
KCT-06 16-18	Rock	0.28	0.110	10	7	0.94	85	0.09	<20	1.40	0.03	0.66	<2
REP KCT-06 16-18	QC	0.29	0.111	11	7	0.95	87	0.09	<20	1.44	0.03	0.69	<2
KCT-07 14-16	Rock	0.59	0.182	6	69	3.15	66	0.04	<20	3.33	0.02	0.19	<2
REP KCT-07 14-16	QC												
KCT-07 16-18	Rock	0.33	0.125	6	5	0.98	69	<0.01	<20	1.41	0.02	0.28	<2
REP KCT-07 16-18	QC	0.33	0.128	6	5	1.01	72	<0.01	<20	1.42	0.02	0.30	<2
KCT-08 22-24	Rock	0.47	0.127	3	43	1.75	151	0.20	<20	2.04	0.03	1.22	<2
REP KCT-08 22-24	QC												
Reference Materials													
STD DS7	Standard	0.84	0.068	10	149	0.99	352	0.10	32	0.93	0.07	0.41	3
STD DS7	Standard	0.82	0.069	10	148	1.00	355	0.10	35	0.91	0.07	0.42	5
STD DS7	Standard	0.93	0.071	12	167	1.05	395	0.11	34	0.98	0.08	0.46	4
STD DS7	Standard	0.86	0.068	11	154	1.01	368	0.11	31	0.93	0.07	0.42	3
STD DS7	Standard	0.87	0.068	11	153	0.98	372	0.10	35	0.93	0.08	0.43	4
STD DS7	Standard	0.89	0.072	12	159	1.07	381	0.11	40	1.02	0.08	0.44	4
STD DS7	Standard	0.86	0.069	11	154	0.98	369	0.10	34	0.92	0.07	0.43	3
STD DS7	Standard	0.86	0.070	11	153	1.02	368	0.11	33	0.93	0.07	0.42	3
STD DS7	Standard	0.84	0.067	10	151	0.94	358	0.10	36	0.88	0.07	0.41	4
STD DS7	Standard	0.88	0.070	11	158	1.01	377	0.10	38	0.92	0.08	0.43	4
STD DS7	Standard	0.92	0.073	11	167	1.05	395	0.11	37	0.98	0.09	0.45	3
STD DS7	Standard	0.89	0.072	11	160	1.01	387	0.11	34	0.96	0.08	0.44	3
STD OXE56	Standard												

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QUALITY CONTROL REPORT VAN08009182.2

		WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
STD OXE56	Standard		590																		
STD OXE56	Standard		607																		
STD OXE56	Standard		542																		
STD OXE56	Standard		594																		
STD OXE56	Standard		595																		
STD OXE56	Standard																				
STD OXE56	Standard		623																		
STD OXE56	Standard		616																		
STD OXH55	Standard		1248																		
STD OXH55	Standard		1287																		
STD OXH55	Standard		1263																		
STD OXH55	Standard		1220																		
STD OXH55	Standard		1273																		
STD OXH55	Standard		1275																		
STD OXH55	Standard		1418																		
STD OXH55	Standard		1365																		
STD OXH55	Standard		1403																		
STD DS7 Expected				21	109	71	411	0.9	56	10	627	2.39	48	5	0.07	4	68	6.4	6	5	86
STD OXE56 Expected			611																		
STD OXH55 Expected			1282																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		

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		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
		0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
STD OXE56	Standard												
STD OXE56	Standard												
STD OXE56	Standard												
STD OXE56	Standard												
STD OXE56	Standard												
STD OXE56	Standard												
STD OXE56	Standard												
STD OXE56	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD OXH55	Standard												
STD DS7 Expected		0.93	0.08	13	163	1.05	370	0.124	39	0.959	0.073	0.44	4
STD OXE56 Expected													
STD OXH55 Expected													
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank												
BLK	Blank												
BLK	Blank												

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		WGHT	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank	<0.01	<2	<1	2	<3	43	<0.3	4	4	527	1.71	<2	<8	<2	4	54	<0.5	<3	<3	35
G1	Prep Blank	<0.01	<2	<1	<1	<3	42	<0.3	4	4	508	1.69	<2	<8	<2	3	46	<0.5	<3	<3	34

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QUALITY CONTROL REPORT VAN08009182.2

		1D Ca % 0.01	1D P % 0.001	1D La ppm 1	1D Cr ppm 1	1D Mg % 0.01	1D Ba ppm 1	1D Ti % 0.01	1D B ppm 20	1D Al % 0.01	1D Na % 0.01	1D K % 0.01	1D W ppm 2
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
BLK	Blank												
Prep Wash													
G1	Prep Blank	0.49	0.076	7	11	0.59	229	0.12	<20	0.95	0.08	0.53	<2
G1	Prep Blank	0.43	0.078	5	9	0.57	232	0.12	<20	0.87	0.06	0.53	<2

APPENDIX II

FIGURES

FIGURE 1 – LOCATION MAP

FIGURE 2 – CLAIM MAP

FIGURE 3 – REGIONAL GEOLOGY MAP

FIGURE 4 – KENA COPPER ZONE - COPPER GEOCHEMISTRY AND TRENCH LOCATION MAP

FIGURE 5 – KENA COPPER ZONE – GOLD GEOCHEMISTRY AND TRENCH LOCATION MAP

FIGURE 6 – TRENCH KCT-01 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

FIGURE 7 – TRENCH KCT-02 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

FIGURE 8 – TRENCH KCT-03 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

FIGURE 9 – TRENCH KCT-04 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

FIGURE 10 – TRENCH KCT-05 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

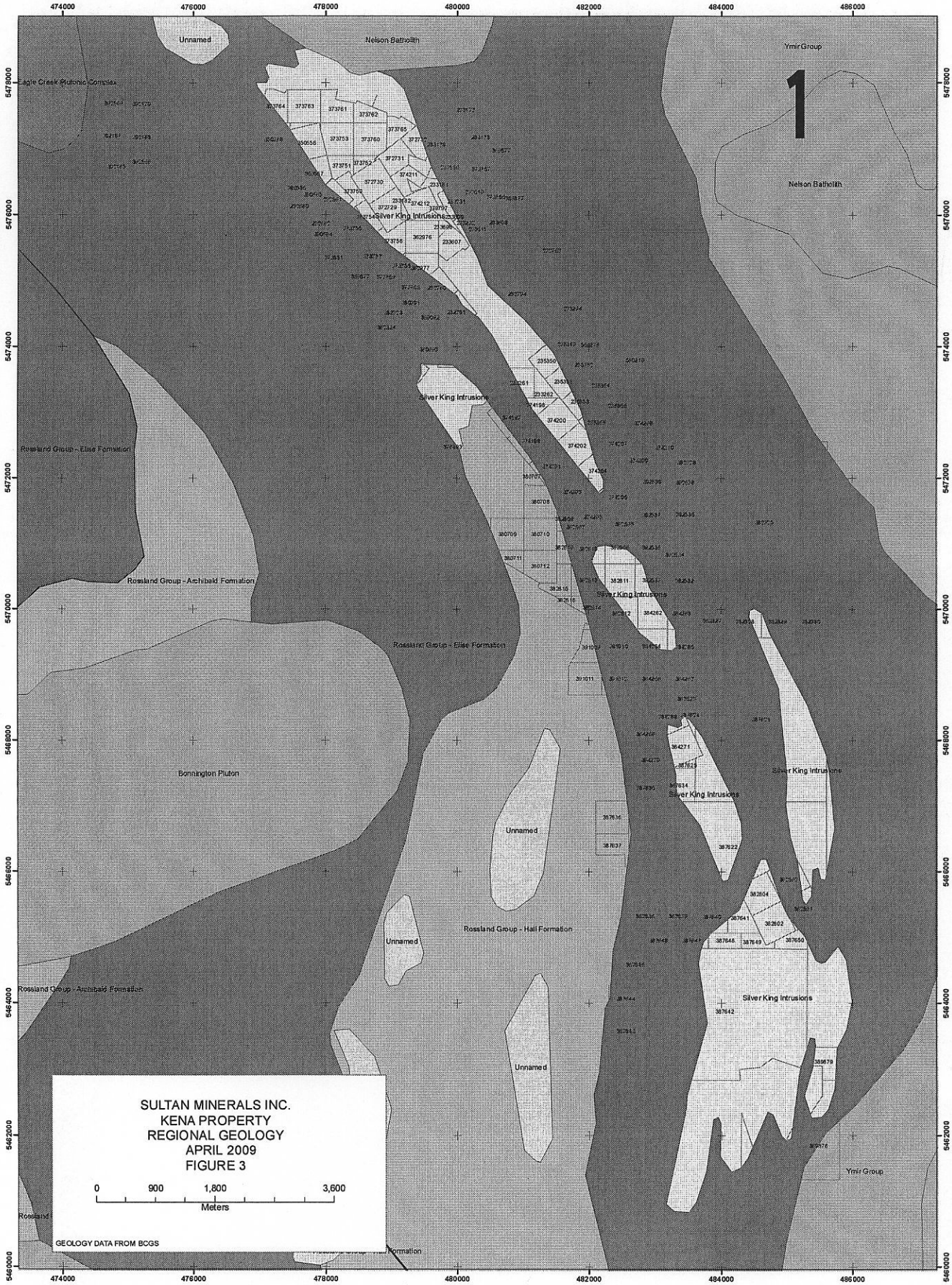
FIGURE 11 – TRENCH KCT-06 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

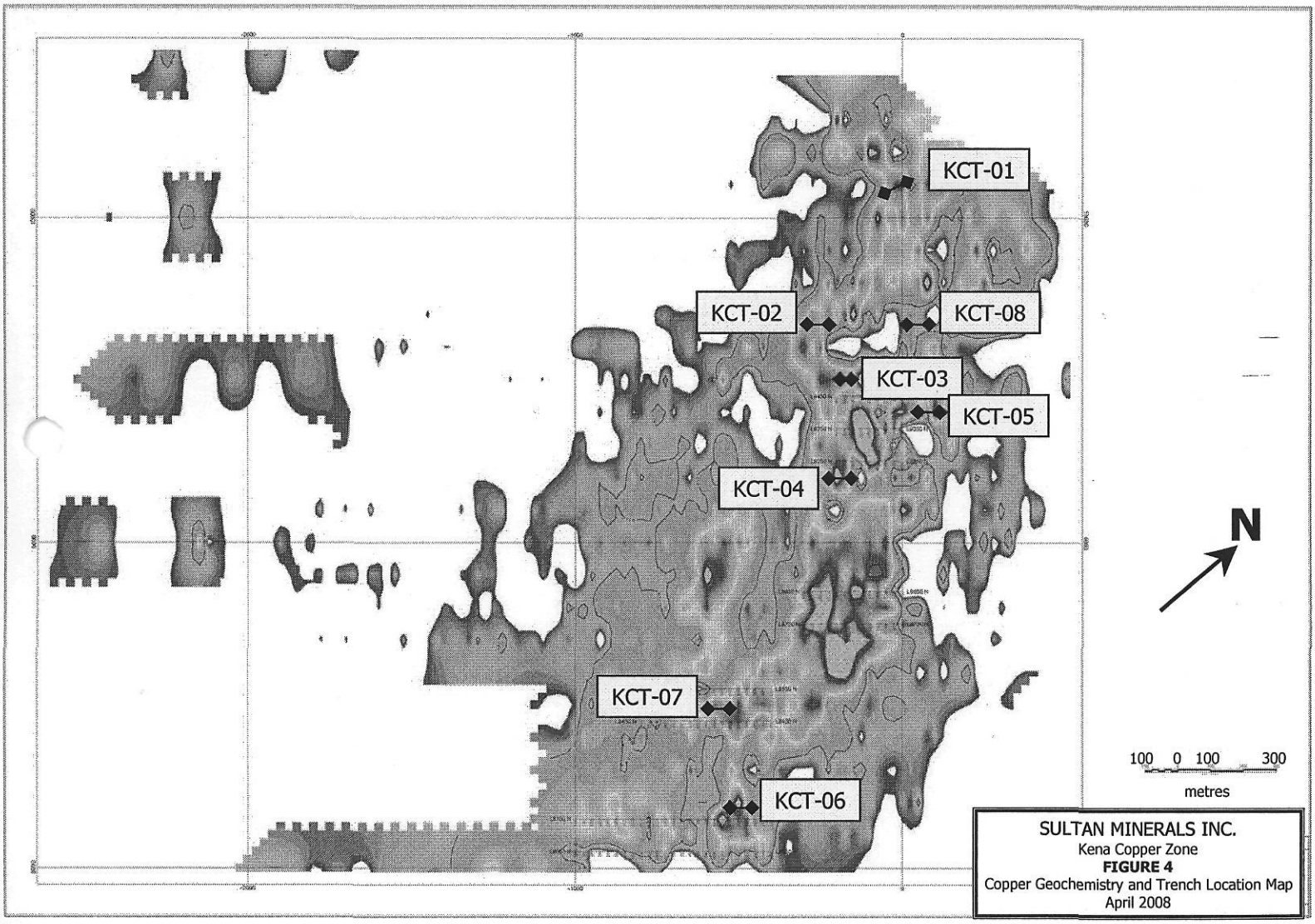
FIGURE 12 – TRENCH KCT-07 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

FIGURE 13 – TRENCH KCT-08 – GEOLOGY AND ROCK CHIP SAMPLE RESULTS

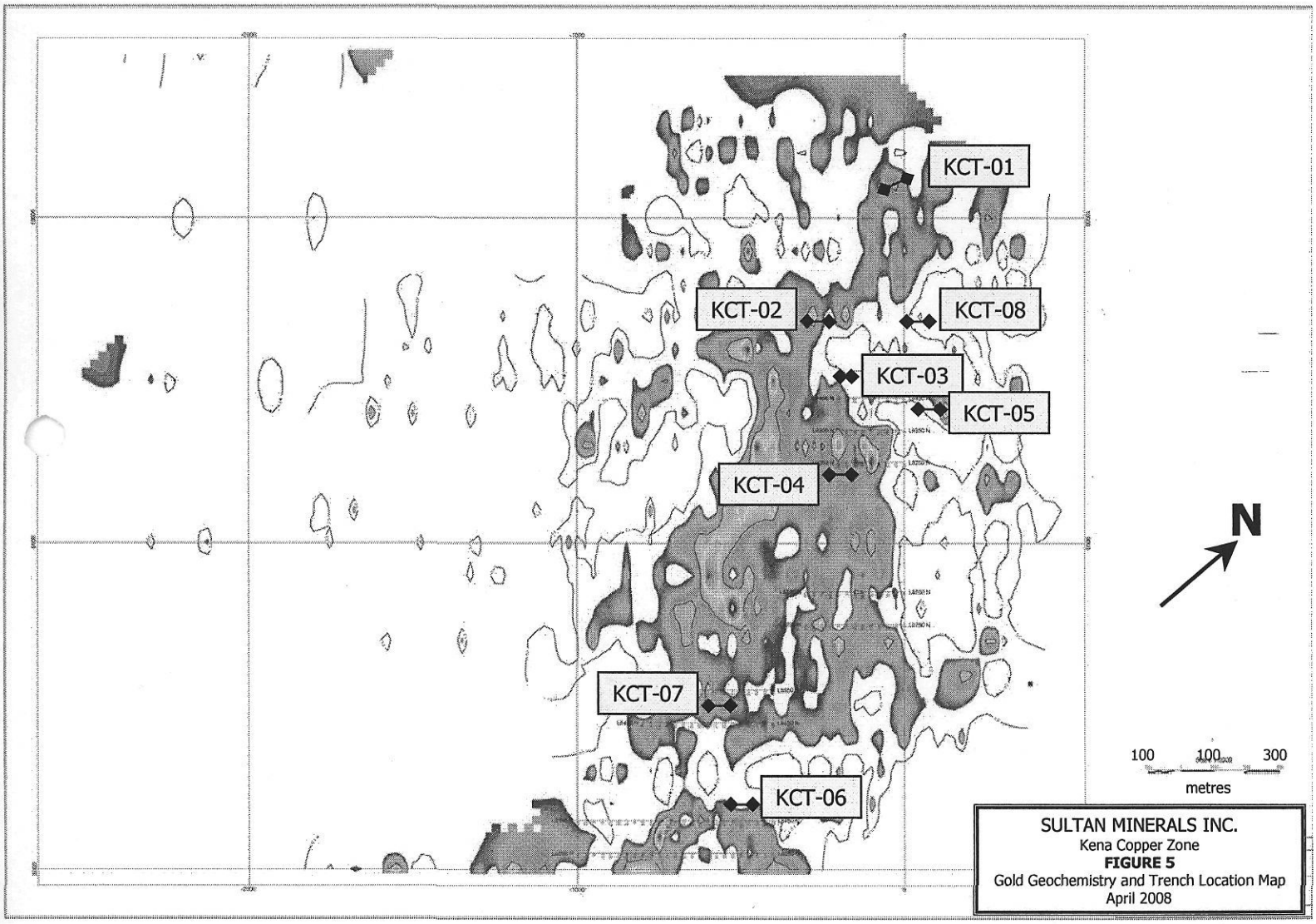
SULTAN MINERALS INC.
PROPERTY LOCATION MAP
KENA PROPERTY, NELSON M.D.
FIGURE 1


1
SULTAN MINERALS INC.
KENA PROPERTY
CLAIM LOCATION MAP
APRIL 2009
FIGURE 2
0
900
1,800
3,600
Meters

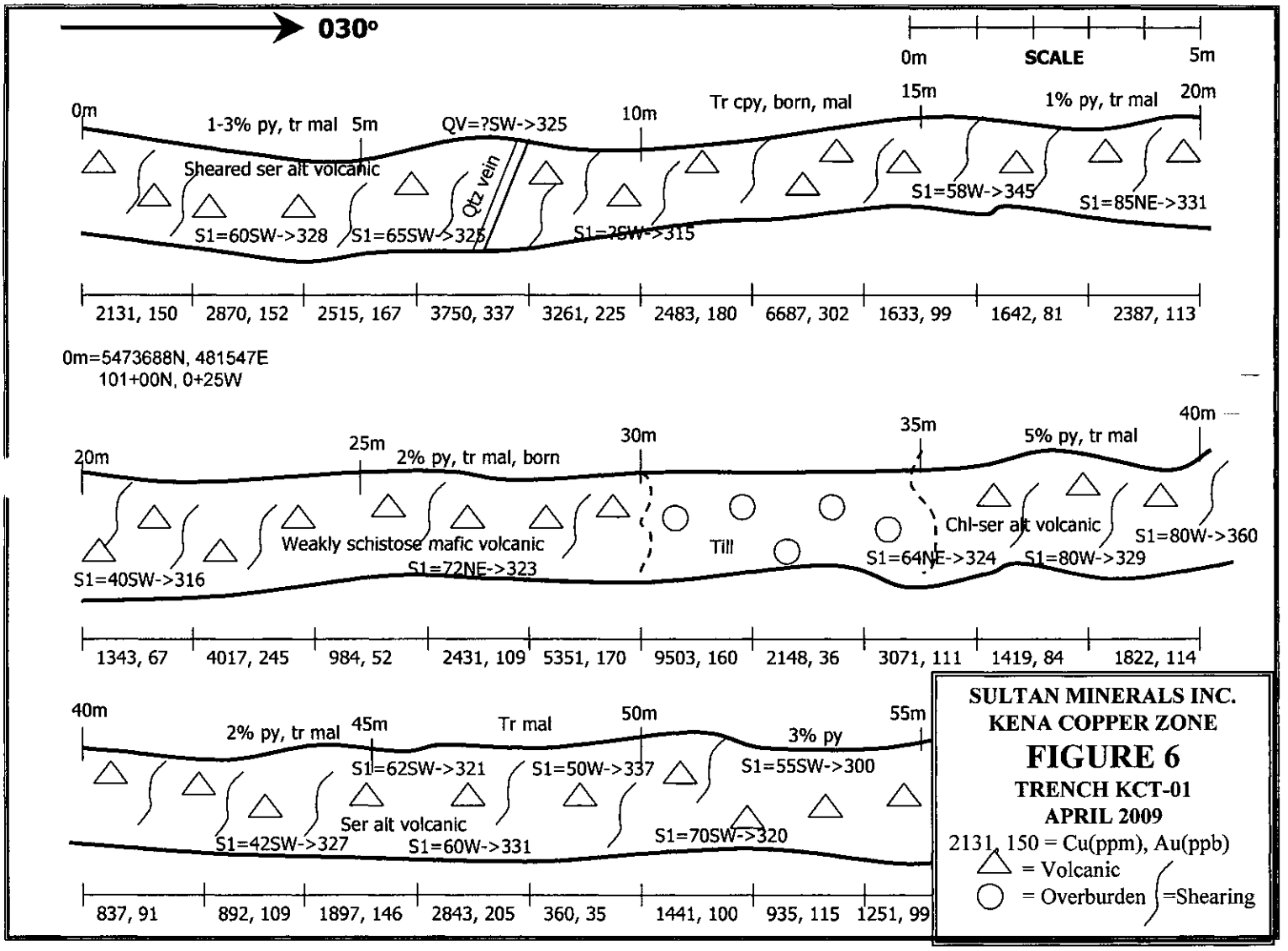

474000
476000
478000
480000
482000
484000
486000
5478000
5476000
5474000
5472000
5470000
5468000
5466000
5464000
5462000
5460000
Unnamed
Nelson Batholith
Ymir Group
1
Eagle Creek Plutonic Complex
Silver King Intrusions
Rossland Group - Elise Formation
Rossland Group - Archibald Formation
Bonnington Pluton
Rossland Group - Hall Formation
SULTAN MINERALS INC.
KENA PROPERTY
REGIONAL GEOLOGY
APRIL 2009
FIGURE 3
0
900
1,800
3,600
Meters
GEOLOGY DATA FROM BCGS

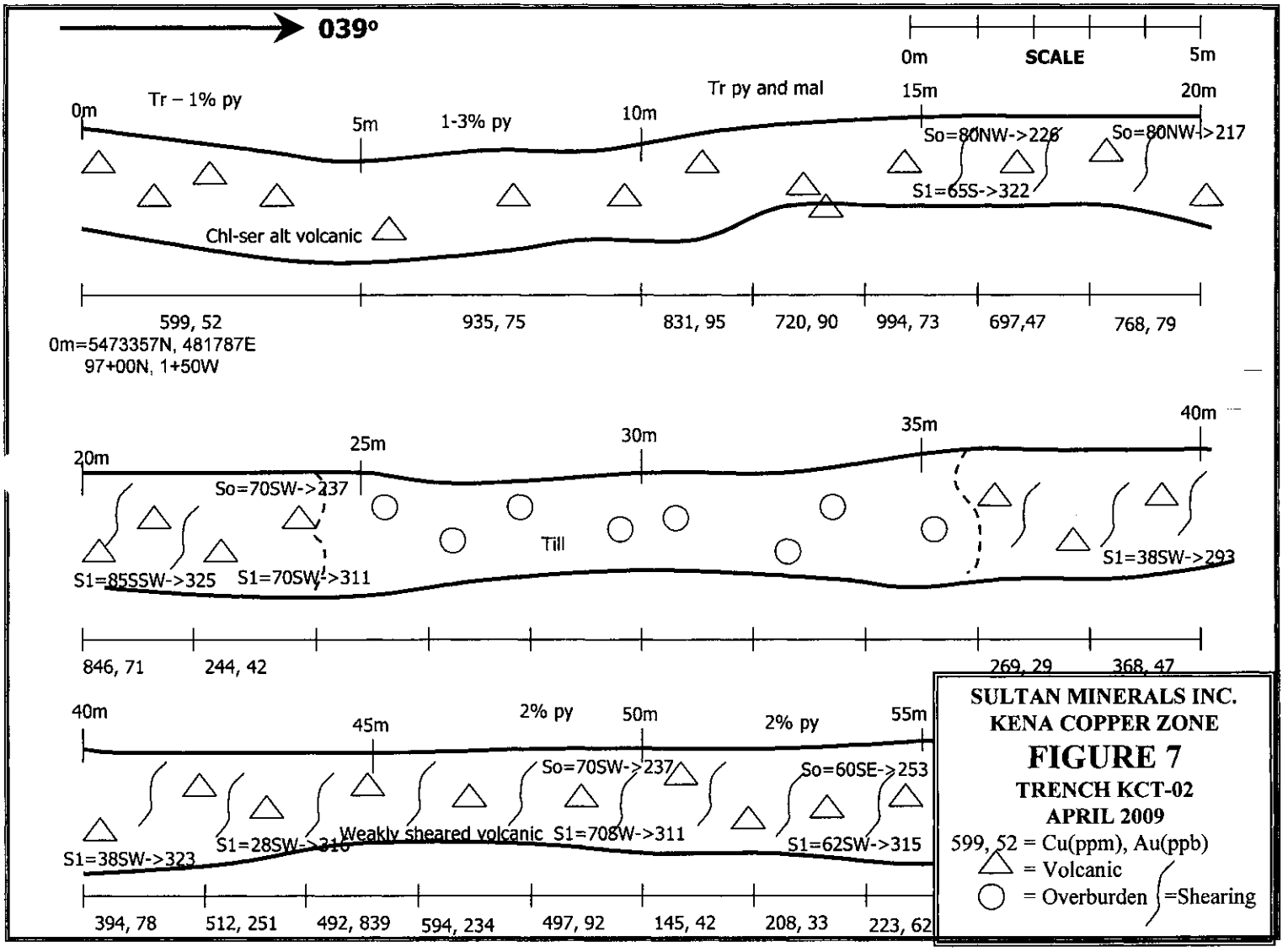


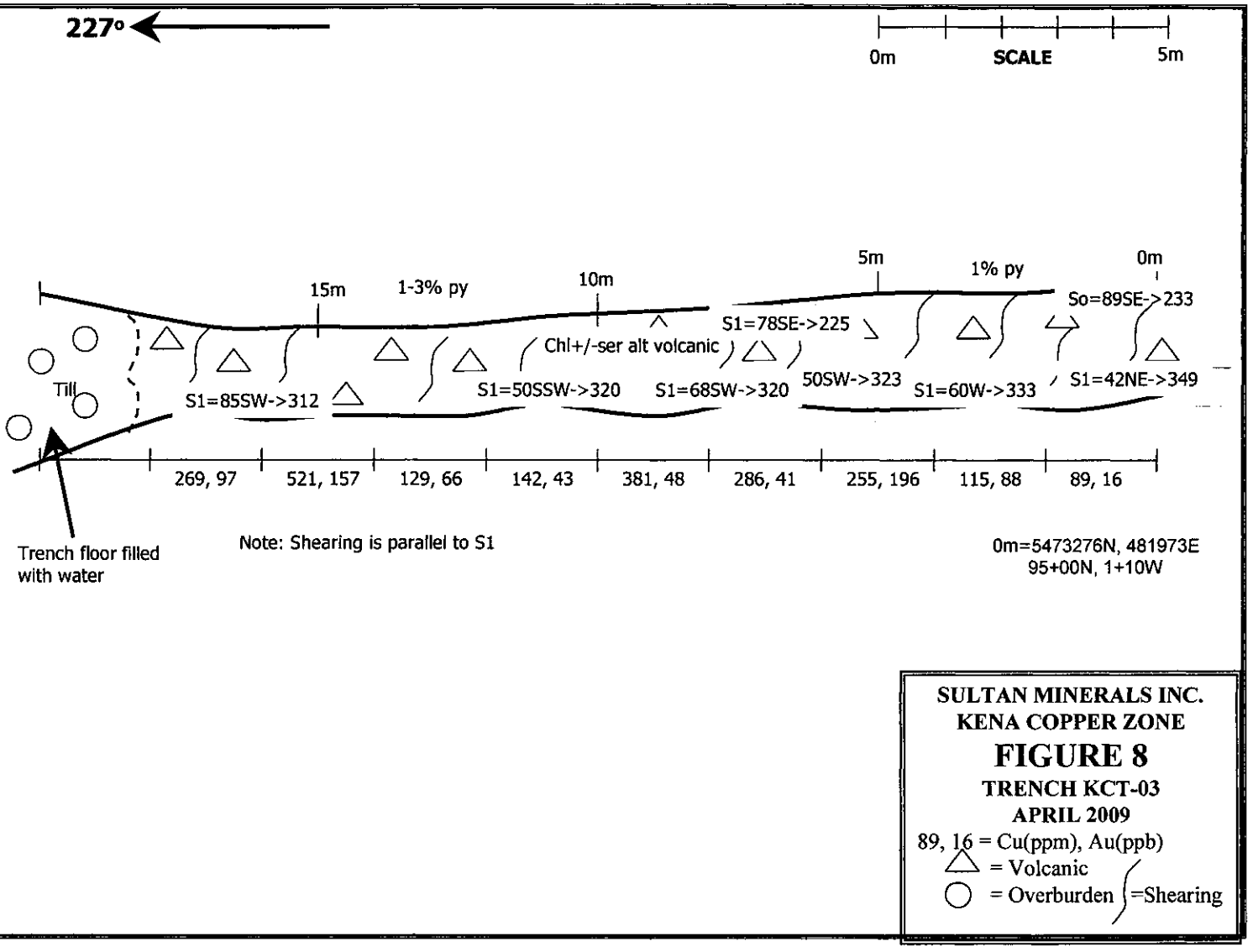
SULTAN MINERALS INC.
Kena Copper Zone
FIGURE 4
Copper Geochemistry and Trench Location Map
April 2008



SULTAN MINERALS INC.
Kena Copper Zone
FIGURE 5
Gold Geochemistry and Trench Location Map
April 2008


030°
0m
SCALE
5m
0m
1-3% py, tr mal
5m
QV=?SW->325
10m
Tr cpy, born, mal
15m
1% py, tr mal
20m
Sheared ser alt volcanic
Qtz vein
S1=60SW->328
S1=65SW->325
S1=?SW->315
S1=58W->345
S1=85NE->331
2131, 150
2870, 152
2515, 167
3750, 337
3261, 225
2483, 180
6687, 302
1633, 99
1642, 81
2387, 113
0m=5473688N, 481547E
101+00N, 0+25W
20m
25m
2% py, tr mal, born
30m
35m
5% py, tr mal
40m
Weakly schistose mafic volcanic
S1=72NE->323
Till
Chl-ser alt volcanic
S1=64NE->324
S1=80W->329
S1=80W->360
S1=40SW->316
1343, 67
4017, 245
984, 52
2431, 109
5351, 170
9503, 160
2148, 36
3071, 111
1419, 84
1822, 114
40m
2% py, tr mal
45m
Tr mal
50m
3% py
55m
S1=62SW->321
S1=50W->337
S1=55SW->300
Ser alt volcanic
S1=42SW->327
S1=60W->331
S1=70SW->320
837, 91
892, 109
1897, 146
2843, 205
360, 35
1441, 100
935, 115
1251, 99
SULTAN MINERALS INC.
KENA COPPER ZONE
FIGURE 6
TRENCH KCT-01
APRIL 2009
2131, 150 = Cu(ppm), Au(ppb)
= Volcanic
= Overburden
=Shearing


039°
0m
SCALE
5m
0m
Tr – 1% py
5m
1-3% py
10m
Tr py and mal
15m
20m
So=80NW->226
So=80NW->217
S1=65S->322
Chl-ser alt volcanic
599, 52
935, 75
831, 95
720, 90
994, 73
697,47
768, 79
0m=5473357N, 481787E
97+00N, 1+50W
20m
25m
30m
35m
40m
So=70SW->237
Till
S1=85SSW->325
S1=70SW->311
S1=38SW->293
846, 71
244, 42
269, 29
368, 47
40m
45m
2% py
50m
2% py
55m
So=70SW->237
So=60SE->253
Weakly sheared volcanic
S1=70SW->311
S1=28SW->316
S1=62SW->315
S1=38SW->323
394, 78
512, 251
492, 839
594, 234
497, 92
145, 42
208, 33
223, 62
SULTAN MINERALS INC.
KENA COPPER ZONE
FIGURE 7
TRENCH KCT-02
APRIL 2009
599, 52 = Cu(ppm), Au(ppb)
= Volcanic
= Overburden
=Shearing

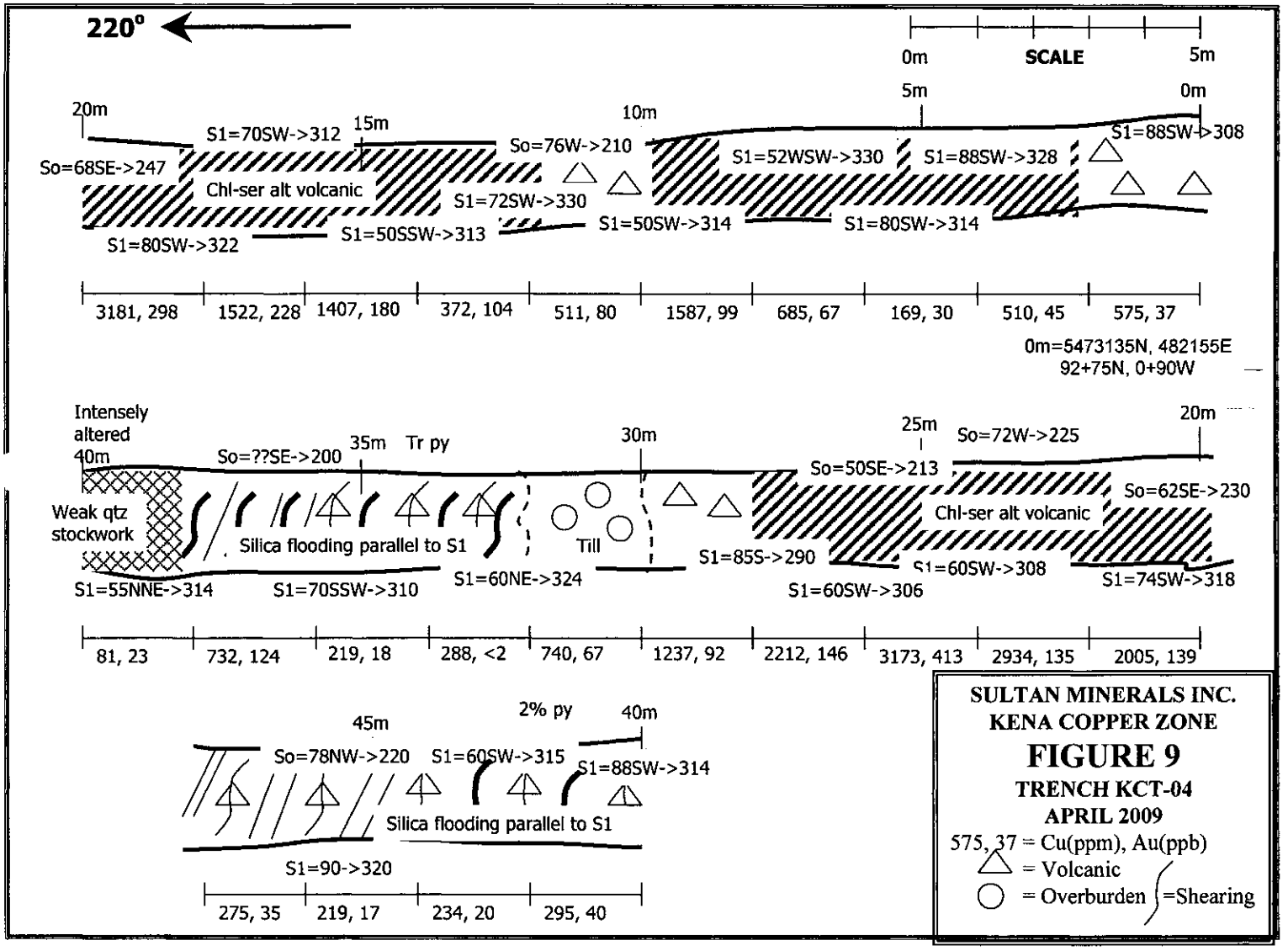


SULTAN MINERALS INC.
KENA COPPER ZONE

FIGURE 8

TRENCH KCT-03
APRIL 2009

89, 16 = Cu(ppm), Au(ppb)
△ = Volcanic
○ = Overburden
⟆ =Shearing

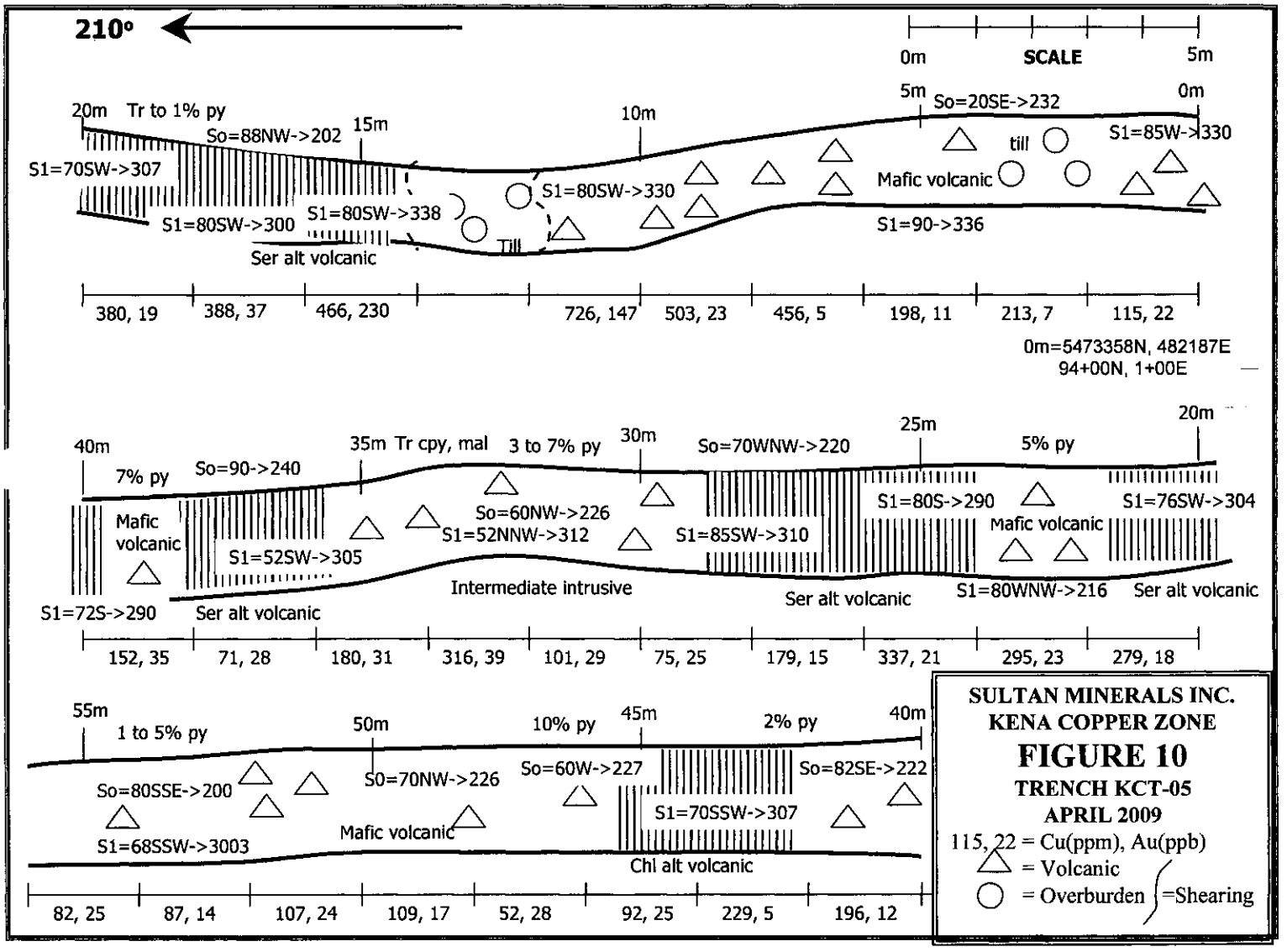


SULTAN MINERALS INC.
KENA COPPER ZONE

FIGURE 9

TRENCH KCT-04
APRIL 2009

575, 37 = Cu(ppm), Au(ppb)
△ = Volcanic
○ = Overburden ⟆ =Shearing

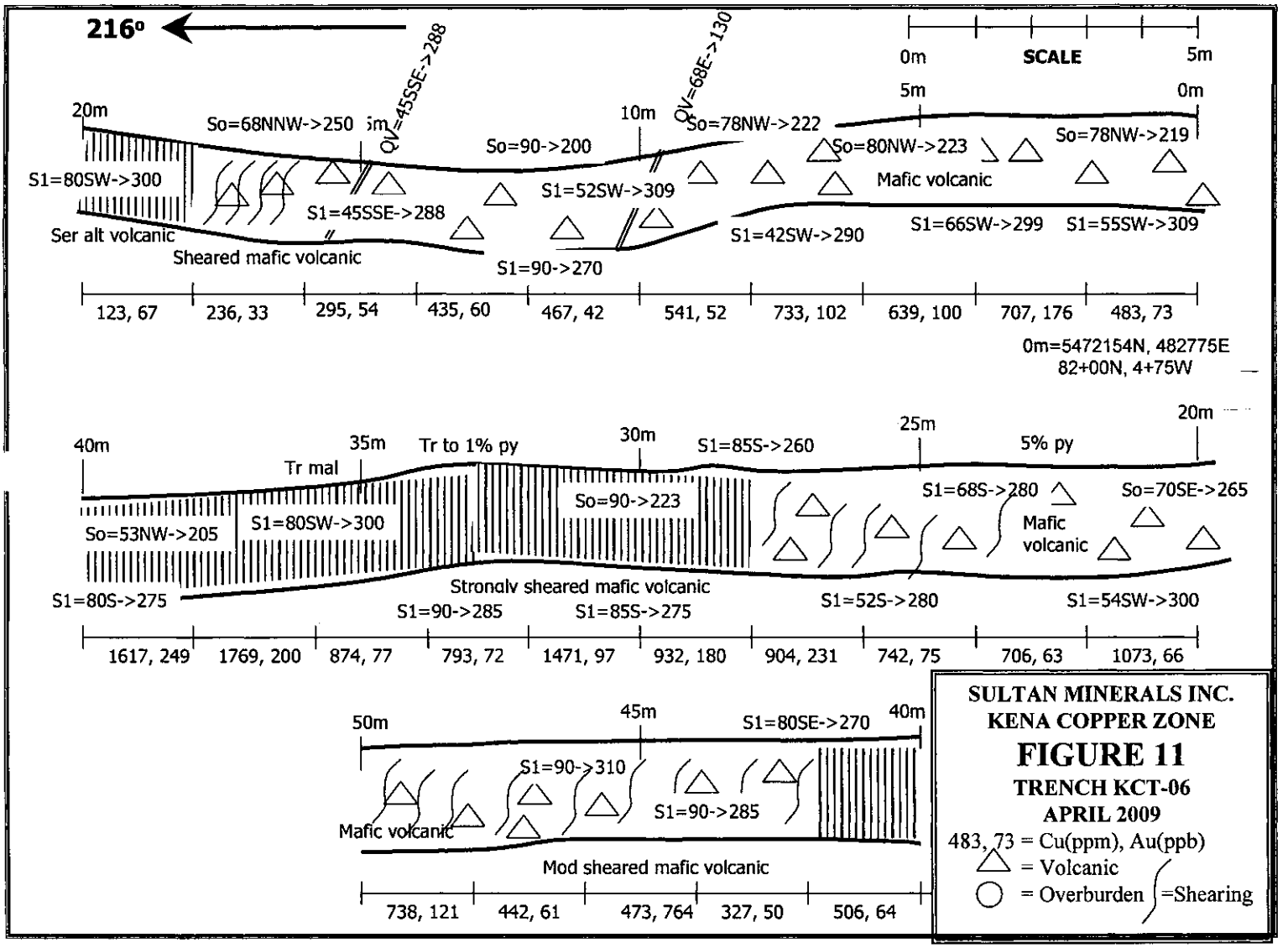


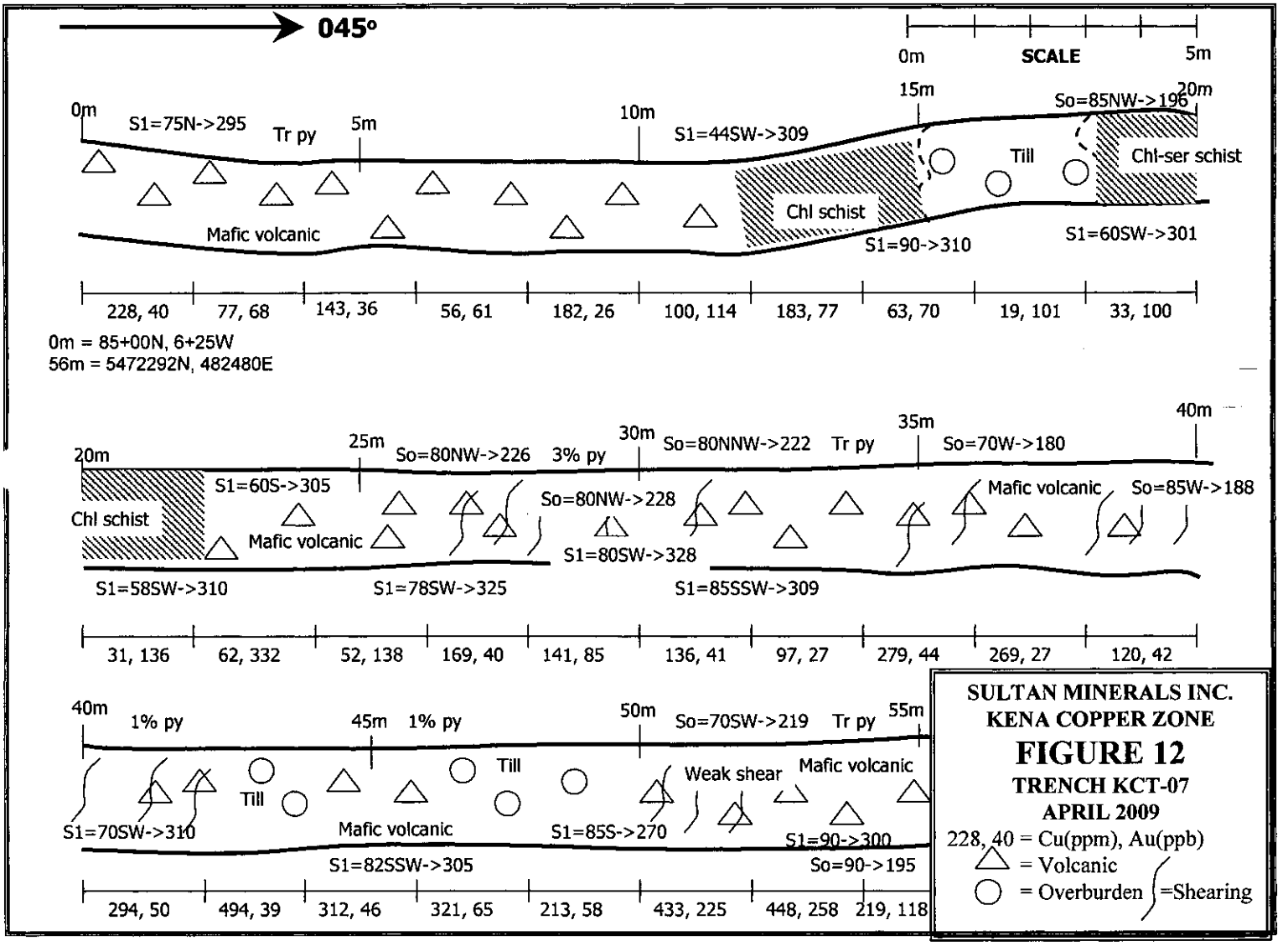
SULTAN MINERALS INC.
KENA COPPER ZONE

FIGURE 10

TRENCH KCT-05
APRIL 2009

115, 22 = Cu(ppm), Au(ppb)
△ = Volcanic
○ = Overburden
) =Shearing


216°
0m
SCALE
5m
20m
So=68NNW->250
5m
QV=45SSE->288
So=90->200
10m
QV=68E->130
So=78NW->222
5m
0m
So=80NW->223
So=78NW->219
S1=80SW->300
S1=52SW->309
Mafic volcanic
S1=45SSE->288
Ser alt volcanic
Sheared mafic volcanic
S1=90->270
S1=42SW->290
S1=66SW->299
S1=55SW->309
123, 67
236, 33
295, 54
435, 60
467, 42
541, 52
733, 102
639, 100
707, 176
483, 73
0m=5472154N, 482775E
82+00N, 4+75W
40m
35m
Tr to 1% py
30m
S1=85S->260
25m
5% py
20m
Tr mal
S1=68S->280
So=70SE->265
So=90->223
S1=80SW->300
So=53NW->205
Mafic volcanic
Strongly sheared mafic volcanic
S1=80S->275
S1=90->285
S1=85S->275
S1=52S->280
S1=54SW->300
1617, 249
1769, 200
874, 77
793, 72
1471, 97
932, 180
904, 231
742, 75
706, 63
1073, 66
50m
45m
S1=80SE->270
40m
S1=90->310
S1=90->285
Mafic volcanic
Mod sheared mafic volcanic
738, 121
442, 61
473, 764
327, 50
506, 64
SULTAN MINERALS INC.
KENA COPPER ZONE
FIGURE 11
TRENCH KCT-06
APRIL 2009
483, 73 = Cu(ppm), Au(ppb)
= Volcanic
= Overburden
=Shearing



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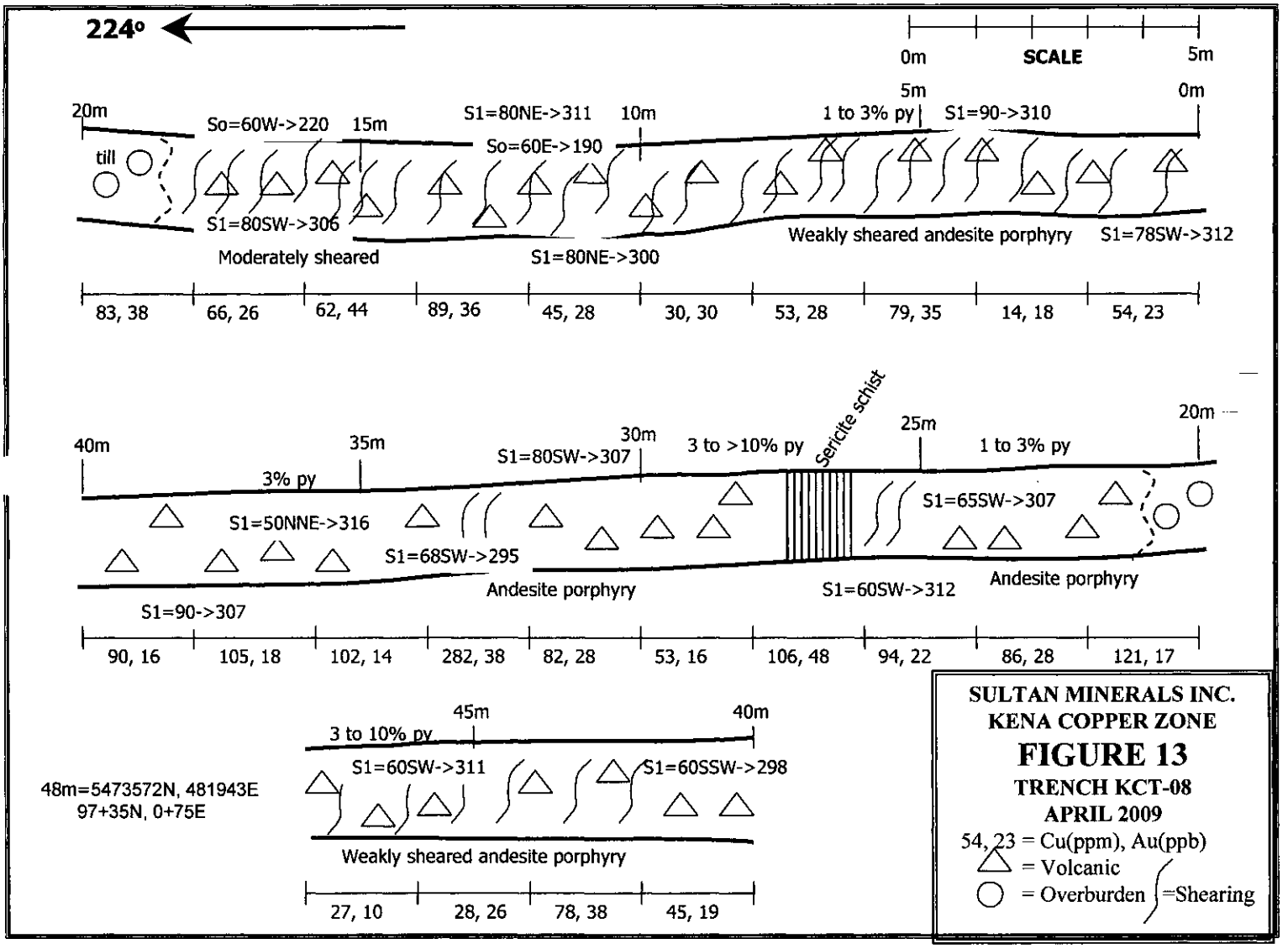
KENA COPPER ZONE

FIGURE 12

TRENCH KCT-07
APRIL 2009

228, 40 = Cu(ppm), Au(ppb)
△ = Volcanic
○ = Overburden
⌇ =Shearing


224°
0m
SCALE
5m
5m
0m
20m
So=60W->220
15m
S1=80NE->311
10m
1 to 3% py
S1=90->310
till
So=60E->190
S1=80SW->306
Weakly sheared andesite porphyry
S1=78SW->312
Moderately sheared
S1=80NE->300
83, 38
66, 26
62, 44
89, 36
45, 28
30, 30
53, 28
79, 35
14, 18
54, 23
40m
35m
30m
3 to >10% py
Sericite schist
25m
1 to 3% py
20m
3% py
S1=80SW->307
S1=65SW->307
S1=50NNE->316
S1=68SW->295
Andesite porphyry
S1=60SW->312
Andesite porphyry
S1=90->307
90, 16
105, 18
102, 14
282, 38
82, 28
53, 16
106, 48
94, 22
86, 28
121, 17
45m
40m
3 to 10% py
S1=60SW->311
S1=60SSW->298
48m=5473572N, 481943E
97+35N, 0+75E
Weakly sheared andesite porphyry
27, 10
28, 26
78, 38
45, 19
SULTAN MINERALS INC.
KENA COPPER ZONE
FIGURE 13
TRENCH KCT-08
APRIL 2009
54, 23 = Cu(ppm), Au(ppb)
= Volcanic
= Overburden
=Shearing