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Assessment Report on the

Latchford Diamond Project

2005 – 2007 Till Sampling Program

Temagami-New Liskeard Area, Ontario

Sudbury and Larder Lake Mining Divisions, Ontario

NTS 31M/04 and 31M/05

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1.0 Introduction

From May 2005 to November 2005, Temex Resources conducted a program of till sampling and concurrent prospecting for potentially diamond-bearing rock in the Temagami and New Liskeard Regions of northeastern Ontario (Figure 1). Samples generally were collected on Temex claims but some samples were collected as part of a regional program as a follow-up to regional surveys conducted by the Geological Survey of Canada (McClenaghan et al. 2001) and Ontario Geological Survey (Reid 2002). Sample collection and concurrent prospecting programs were conducted and supervised by Temex field personnel from a field office located in the community of Temagami North, Ontario.

A total of 410 samples were collected by late 2005; of these 117 samples that were processed and observed for kimberlite indicator minerals (KIMs) in early 2007 are reported on herein. All samples were processed by Vancouver Indicator Processors Inc. (VIPI) in Burnaby, British Columbia whereas KIM selection was performed by KIM Dynamics of North Vancouver, British Columbia. Geochemical analysis of the fine fraction from the till samples was done by Global Discovery Labs of Vancouver, British Columbia.

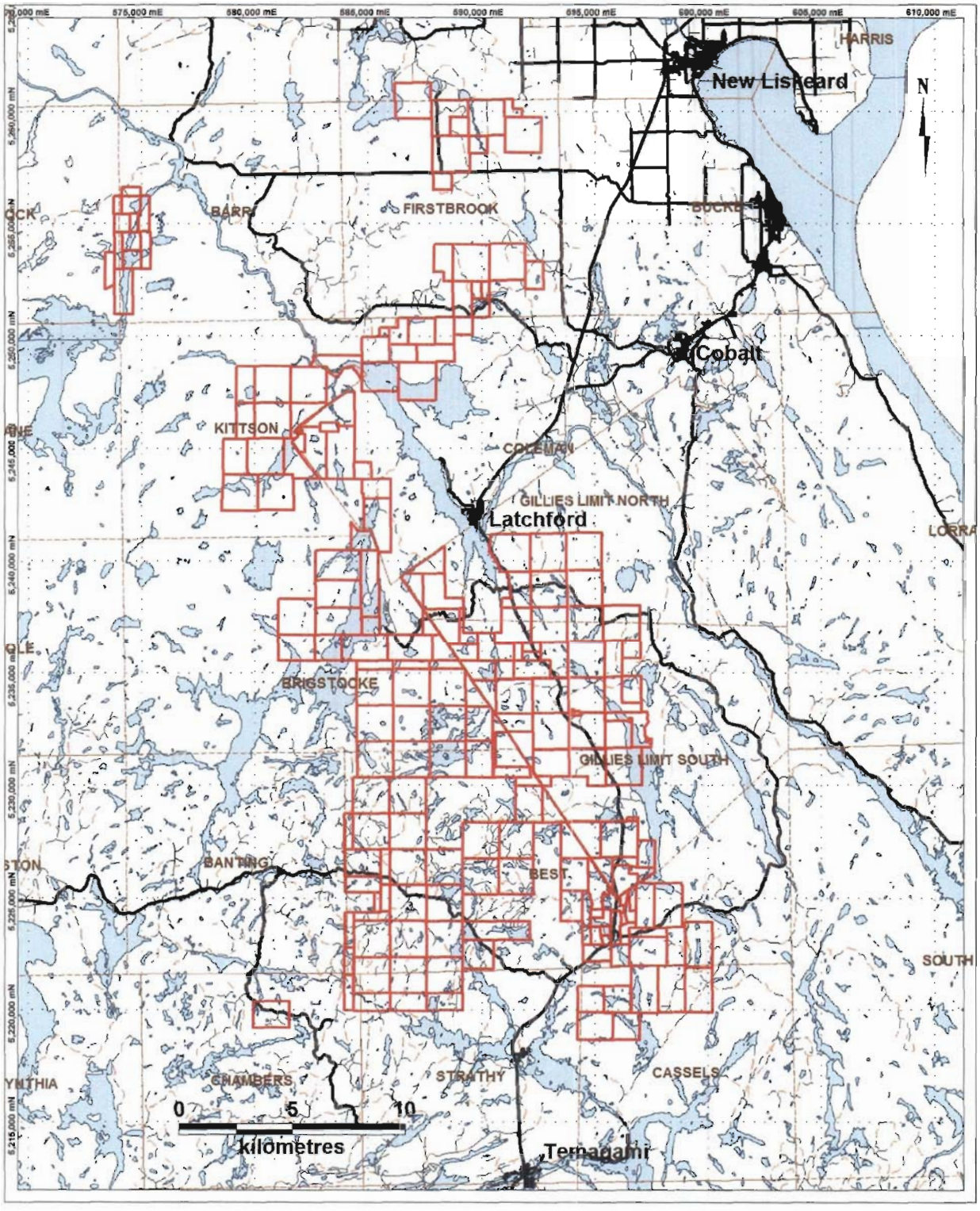
2.0 Property Description, Location and Access

Temex land holdings in the area between Temagami and New Liskeard consist of 274 claims totalling 81,520 acres as of the date of writing (Figure 1). The claims are situated in the Sudbury and Larder Lake Mining Divisions and are recorded in the name of Temex Resources Corp. (Client #303055).

The Municipality of Temagami is centred approximately 100 km north of the city of North Bay, which is in turn located 450 km north of Toronto. New Liskeard is located a further 60 km north of Temagami on the northwestern shore of Lake Timiskaming.

The region encompassing the project area is accessed via Trans Canada Highway 11, the major paved highway running north from North Bay through Temagami, New Liskeard and on to the Kirkland Lake area. The individual claim blocks are, for the most part, accessed via well-established secondary gravel roads traversing east or west from Highway 11 and various logging roads and trails, by boat and foot with walking distances to sample sites ranging from 0.5 to 3 km.

Figure 1. General Location Map



3.0 Climate, Local Resources, Infrastructure and Physiography

The climate of the property is continental in nature, with cold winters (-10°C to -35°C) and warm summers (+10°C to +40°C). Seasonal variations affect exploration to some extent (e.g. geological mapping cannot be done in the winter, geophysics and drilling are best done at certain times of the year depending on the nature of the terrain, etc.), but the climate would not significantly hamper mining operations.

The settlements of Sudbury, Timmins, Kirkland Lake and Cobalt are relatively close; these all have the necessary equipment and trained personnel to support exploration and mining activities. The property has very good access to all infrastructure required for mining. A major hydro line, gas pipeline and railway traverse or are close to the properties, water is abundant, and the property area spans Highway 11. The mineral rights held by Temex give them the prerogative to mine ore discovered on their properties, subject to a 400' surface rights reservation around all lakes and rivers, and a 300' surface reservation around major roads (this may be waived by the Crown).

The properties have a gently rolling to locally rugged topography with maximum relief on the order of 100 m. Much of the region has been logged so present-day forests typically are second growth; mixtures of jackpine, spruce, birch and poplar are common. In the Cobalt-New Liskeard area, large tracts of land have been cleared for dairy and beef cattle farms or the growth of cash crops. Gravel resources are abundant in the area as evidenced by numerous sand and gravel pits developed on glaciofluvial deposits.

4.0 Regional Geology

The Temagami-New Liskeard region occurs within and adjacent to the Cobalt Embayment of the Southern Province, which occurs at the boundary between the Superior Province to the northwest and the Grenville Province to the southeast. The Archean Superior Province, represented in this area by the Abitibi subprovince, is dominated by orthogneisses and large intrusions, but also contains ultramafic to felsic volcanic and sedimentary rocks comprising so-called greenstone belts. The Grenville Province contains rocks that were complexly deformed and metamorphosed during a series of orogenic events that culminated at approximately 1.1 Ga, probably as a result of northwest-directed thrusting and imbrication (Easton, 1992). The Grenville Front Tectonic Zone (GFTZ) is accepted as the surface expression of the northwest boundary of the Grenville Province. The Southern Province in this area consists of the 2.5 to 2.2 Ga Huronian Supergroup comprising the Elliot Lake, Hough Lake, Quirke Lake and Cobalt Groups, all of which are predominantly sedimentary and intruded by dykes and sills of 2219 Ma Nipissing diabase (Bennett et al., 1991). The Huronian Supergroup unconformably overlies the Superior province although windows of Superior Province greenstone belts are exposed within the Cobalt Embayment and these have been proved to be high potential targets from the point of view of base and precious metal exploration. Phanerozoic-aged clastic sediments are found to the north and northwest of New Liskeard generally in fault-bounded basins that also are the sites of thick sequences of Quaternary-aged glacial sediments.

The Elliot Lake, Hough Lake and Quirke Lake Groups are not well represented in the project areas; the Cobalt Group is subdivided primarily into the Gowganda Formation, dominated by a distinctive coarse basal conglomerate and the Lorrain Formation consisting predominantly of sandstone and finely laminated highly indurated siltstone. Nipissing diabase is the term given to a voluminous suite of gabbro/diabase sills and dykes which intrude the Huronian from Cobalt to Sault Ste Marie, and is very common in the project areas. Bedrock geology in the area is unlikely to be critical to the emplacement of kimberlite except for near-surface control by local structures on pipe form and deep seated structures,

which may have been active from the Archean to the present and controlled the emplacement of Nipissing Diabase, the form the Lake Timiskaming Graben and Phanerozoic and younger alkaline rocks.

The project area is underlain by Archean mafic to intermediate volcanics and related volcaniclastic and epiclastic sediments which have been intruded by late Archean granite and overlain in the eastern, central and northern parts of the area by Huronian sediments of the Gowganda and Lorraine Formations. Five ages of diabase dykes cross-cut Archean- and Proterozoic-aged rocks; Proterozoic-aged diabase sills are common throughout the area, particularly in the Cobalt-New Liskeard districts where they are spatially and temporally related to Ag-rich vein mineralization.

The rationale of searching for diamonds in the Temagami region is relatively new, although diamond-bearing kimberlite pipes and dykes have been known in the Kirkland Lake area for almost 50 years. Schulze (1996) described two main kimberlite clusters totalling 29 bodies, including 23 bodies in the Kirkland Lake area, and six bodies in the Lake Timiskaming area. Kimberlites of the Kirkland Lake cluster intrude Archean rocks, whereas the Lake Timiskaming cluster is hosted at the present erosional level largely by sedimentary rocks and diabase dykes and sills of the Huronian Supergroup. Pipe dimensions are typically 100-300 m in diameter, with the largest in the New Liskeard area being 220 x 350 m in size and measuring up to 10-12 ha on surface (e.g. MR-6, Kl-1 and Kl-22). The Tres Or Resources Lapointe kimberlite, located ~36 km southwest of Kirkland Lake may be as large as 23 ha at its current level of erosion, distinguishing it as the largest kimberlite discovered in Ontario.

Preserved crater facies material (olivine crystal tuffs) has been found in Contact Diamond's MR-6 pipe, the northernmost kimberlite in the Lake Temiskaming cluster although crater facies kimberlite is rare to absent in the southernmost kimberlites west and southwest of New Liskeard. Kimberlites in the Lake Timiskaming cluster range in age from 155 to 134 Ma (Sage, 2000). The diamond potential of this region is considered to be related to the kimberlite magmas exploiting deep-seated faults related to the present-day Lake Timiskaming Rift Valley (Morris and Kaszycki, 1995; Sage, 1996, 2000) although kimberlite magmatism is not directed related to the formation of the rift and it is recognized that these faults are trans-continental in scale (Lake Timiskaming Structural Zone) and probably have been reactivated many times since the later Archean. The Lake Timiskaming Rift Valley is expressed by large-scale normal movement along northwest-trending faults, including the Montreal River and Cross Lake fault systems. Nipissing diabase and gabbro intrusives likely were funnelled through conduits created by this rifting event.

The surficial geology of the southern portion of the project area is dominated by lodgment and ablation till with significantly lesser amounts of glaciofluvial/glaciolacustrine sediments and organic deposits (Veillette, 1986), the latter occurring on the surface in narrow valleys between prominent roche moutonnée. In contrast, glaciofluvial/glaciolacustrine deposits dominate the area west, north and northwest of New Liskeard. Ice flow indicators such as striations are biased south-southeast, the last direction of ice movement during deglaciation in the late Wisconsin (23,000 to 10,000 years before present; Veillette and McClenaghan, 1996). However, surficial mapping and dispersal train studies completed over the past decade indicate that glacial ice initially flowed to the southwest, and it is postulated that this phase was the dominant ice flow direction in terms of bedrock molding and mineral dispersal (Veillette, 1989). Averill and McClenaghan (1994) agree with the theory that south-southeast flow is less influential in terms of mineral dispersal, however they suggest that dispersal in this direction is important in regions where a thin blanket of till mantles abundant outcrops and where glaciofluvial sediments such as eskers are oriented south-southeast. These conditions appear to be the case in the area investigated by Temex, so the dominant ice flow direction is likely to have been south-southeast, but the possibility of southwest movement should also be considered.

5.0 Current Work

From May to November 2005, a program of detailed till sampling was conducted on claims held by Temex and as part of a regional investigation to resolve kimberlite indicator mineral ("KIM") dispersal trains indicated from regional government surveys. The collection of these till samples was carried out by Temex personnel. In January 2006, all samples were shipped via Manitoulin transport from their base in New Liskeard, Ontario to Vancouver Indicator Processors Inc. (VIPI) of Burnaby, British Columbia, where the samples would be processed to the concentrate stage. The samples were processed in batches according to order of priority. Mineral concentrates were picked for kimberlite indicator mineral content by KIM Dynamics of North Vancouver, British Columbia, who also were responsible for preparing grain descriptions. Geochemical analysis of the fine fraction from the till samples was done by Global Discovery Labs of Vancouver, British Columbia. The 177 samples reported on herein were processed, observed and analyzed between April and June 2007.

5.1 Introduction

Sample locations are shown generally on Figure 2 and in detail on Figures 3a-3d in relation to claims and township boundaries. UTM coordinates (NAD 27, UTM Zone 17) of sample locations and subject claims are listed Appendix A. Personnel and contractors involved in the program are presented in Appendix B. Data related to till sample processing is given in Appendix C, KIM data are reported in Appendix D, abundance and visual features study in Appendix E, and geochem analyses of till sample slimes (-200 mesh) are presented in Appendix F.

5.2 Sample Collection

A total of 410 till samples were collected during the program; of these, 117 are reported on herein (Appendix A and B). Samples were collected at 40 to 120 cm depth (avg. 60 to 70 cm). Samples were collected in a plastic bag with a target mass of approximately 10-12 kg for each site. Care was taken to avoid sampling glacio-fluvial and fluvial material. During the course of the sampling campaign, the sample bags were stored in a locked garage until the end of the sampling campaign when they were colour-coded with different colours of flagging tape according to their geographical provenance. The entire shipment was transported by Manitoulin Transport Limited from their base in New Liskeard, Ontario to VIPI's processing laboratory in Burnaby, British Columbia.

5.3 Sample Processing

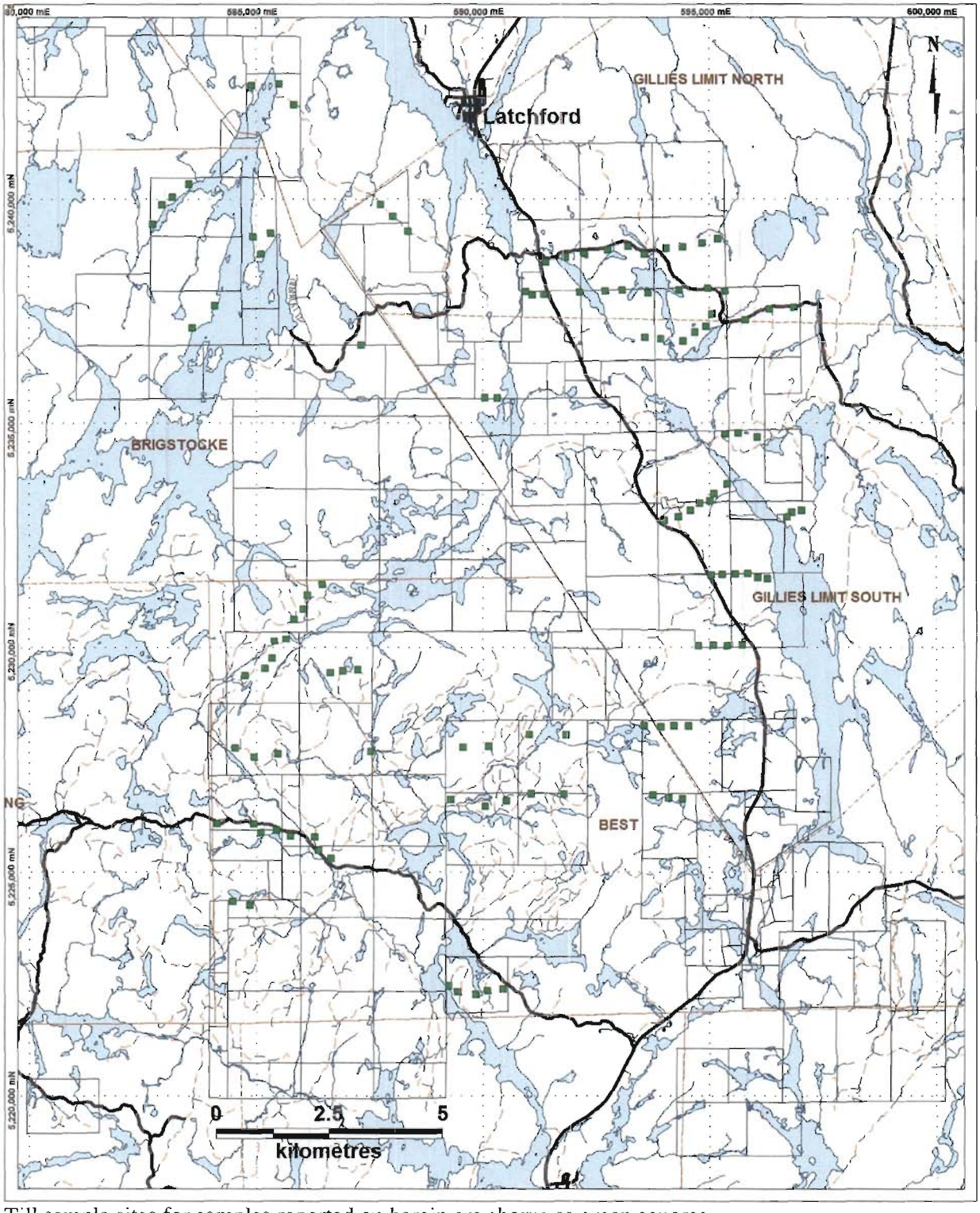
Till samples were prepared and processed by VIPI (Appendix C) using the follow procedure:

- Disaggregation and desliming of samples averaging 25 kg
- Wet screening at 0.86 and 0.25 mm
- Drying of -0.86+0.25 mm size fraction
- Magnetic concentration of -0.86+0.25 mm size fraction
- Two stage heavy liquid concentration of magnetic concentrate
    - Tetrabromaethane (TBE) (2.96 SG) up to 1 kg
    - Methylene Iodide (MI) (3.30 SG) up to 150 g
- Production of heavy concentrate (>3.30 SG) plus float (<3.30>2.96)
- Delivery of concentrate (plus float and ferromags) to picker if in Vancouver area
- Disposal of all unrequired fractions, or collect ship to client-specified destination
- Excel listing (paper and email) of weights of all fractions separated
- Description of methods and flow sheet for report purposes

VIPI processing reports included:

- **Screening weights**
  - As-received wt kg
  - +2 mm wet kg
  - +0.86 mm wet kg
  - **-0.86+0.25 mm dry kg**
  - -0.25 mm dry kg
- **Magnetic Processing -0.86+0.25 mm**
  - Ferromagnetic fraction g
  - Strongly magnetic fraction g
  - Weakly magnetic fraction g
  - Non magnetic fraction g
- **Heavy Liquid processing -0.86+.25mm**
  - Start weight for heavy liquids g
  - TBE(<2.96) SG) float g
  - TBE(>2.96 SG) sink g
  - MI (<3.30 SG) float g
  - **MI(>3.30 SG) sink g**
- **Work record**
  - Date sample received
  - Date concentrate shipped

Figure 2. General Location Map of Till Sample Sites



Till sample sites for samples reported on herein are shown as green squares.

Figure 3a. Detailed Location Map of Sample Sites: Northwest Quadrant of Sample Area

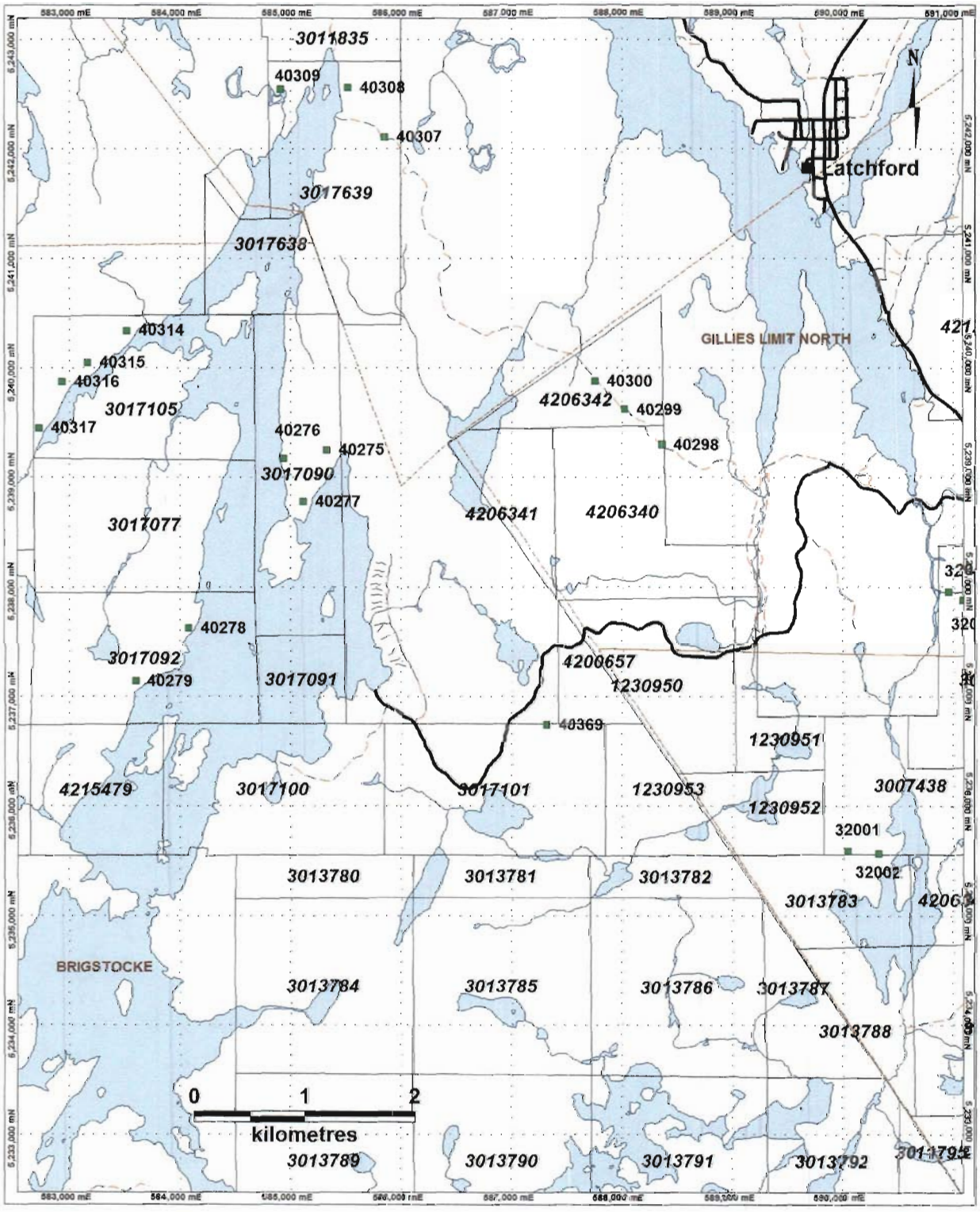


Figure 3b. Detailed Location Map of Sample Sites: Northeast Quadrant of Sample Area

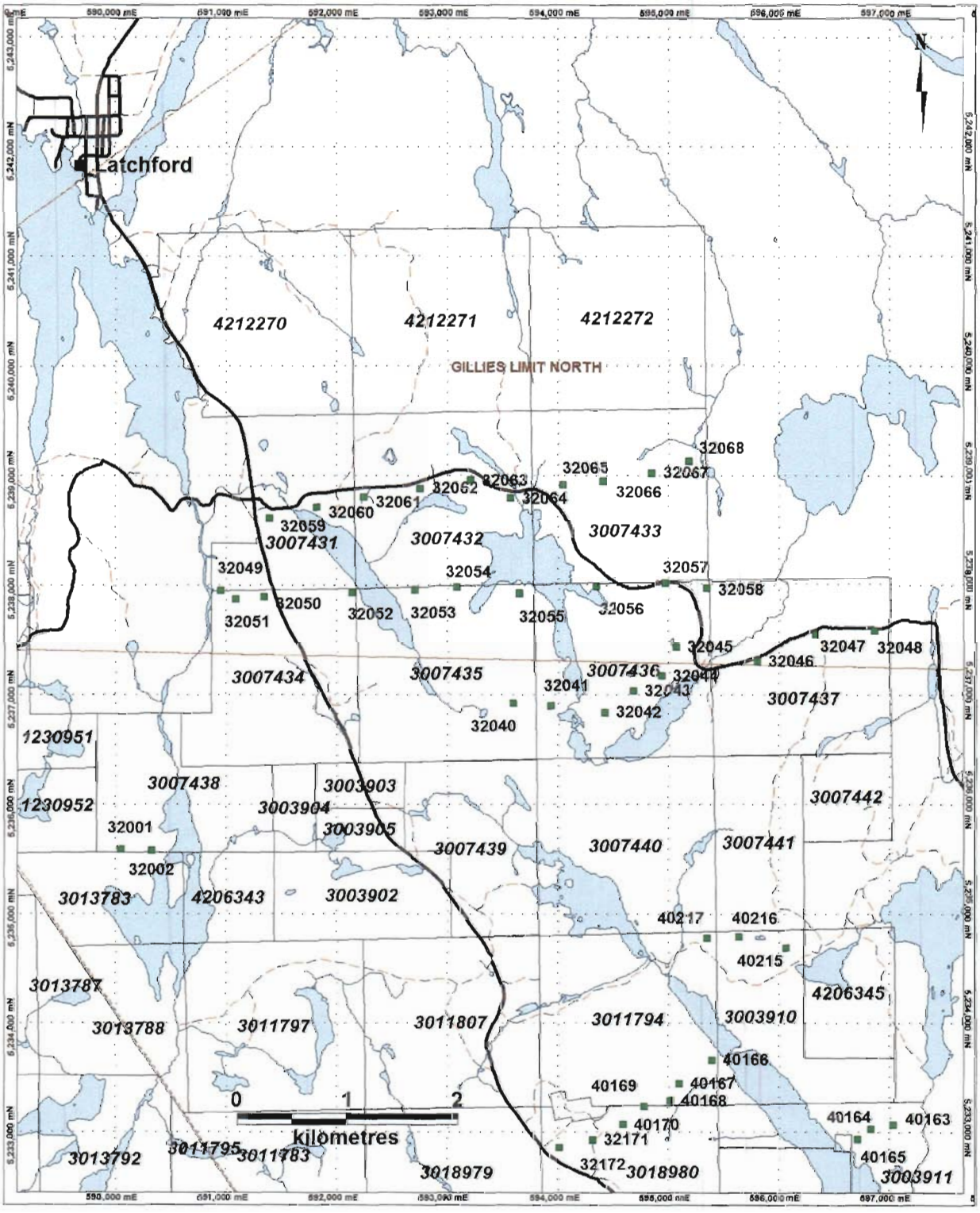


Figure 3c. Detailed Location Map of Sample Sites: Southwest Quadrant of Sample Area

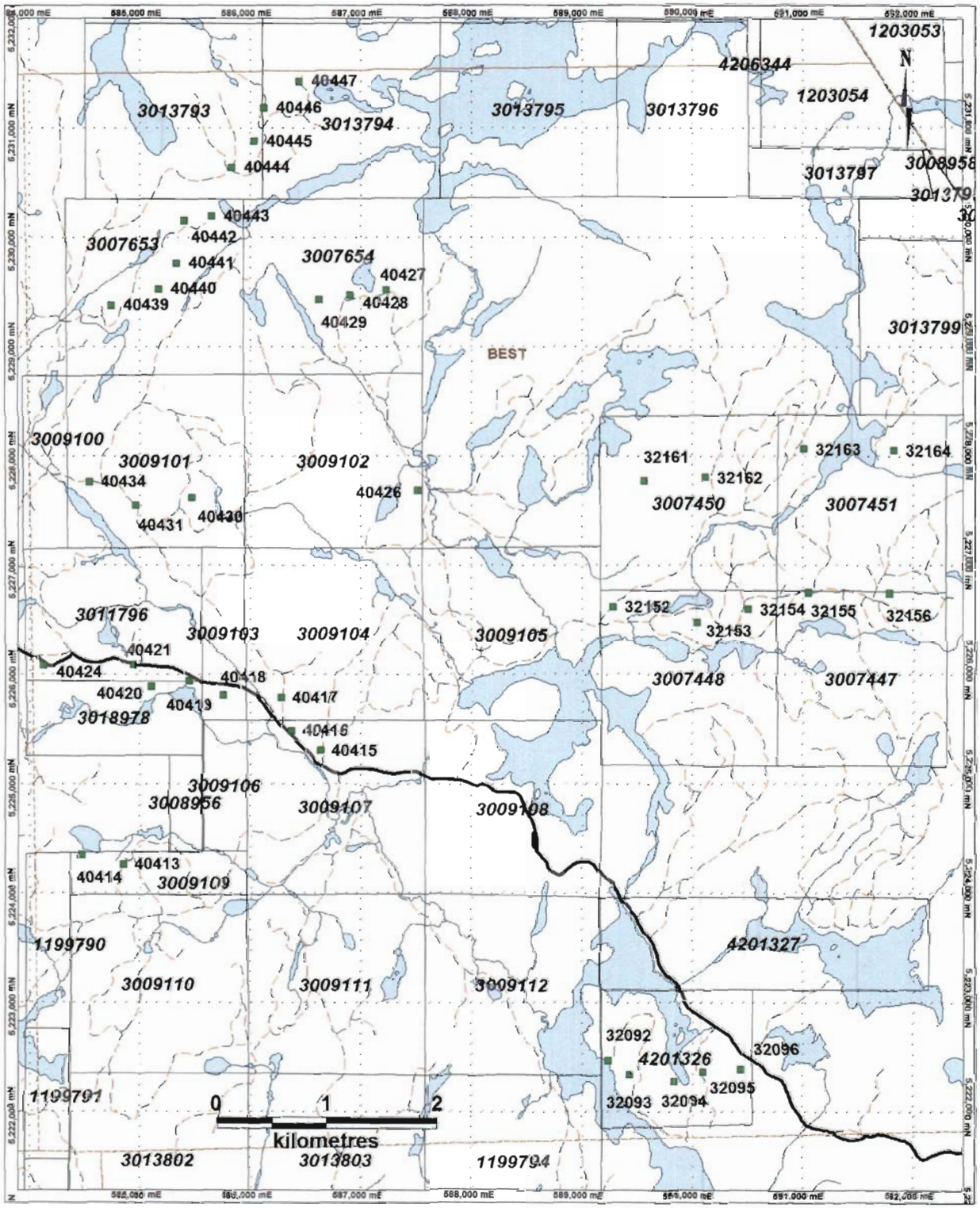
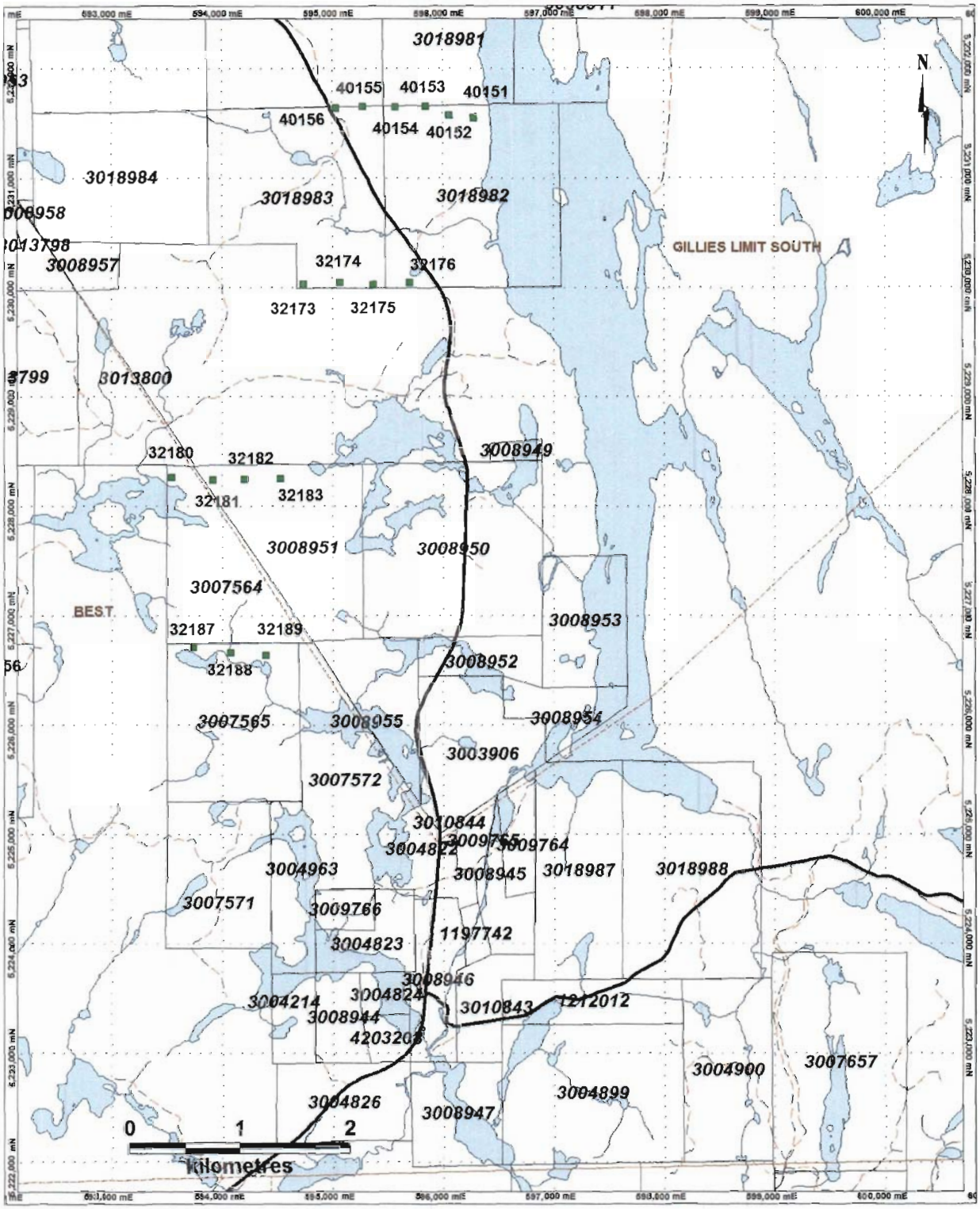


Figure 3d. Detailed Location Map of Sample Sites: Southeast Quadrant of Sample Area



5.4 Mineral Selection and Observation

Mineral selection was performed by KIM Dynamics of North Vancouver, British Columbia and KIM abundances are reported in Appendix D. Before mineral observation, each of the as-received heavy mineral concentrates was washed in an ultrasonic bath and sieved through two, 0.3mm and 0.25mm (<10g of concentrate) or four mesh sizes, 0.5mm, 0.4mm, 0.3mm and 0.25mm (>10g of concentrate) in order to provide better focusing under the binocular microscope. This procedure produced three, +0.3mm, +0.25mm, and "<0.25" and "HM" or five separate bags, +0.5mm, +0.4mm, +0.3mm, +0.25mm, and "<0.25" and "HM" for each sample concentrate.

All bags were weighed and weights were recorded on the top right-hand corners of the plastic bags. The size fractions, +0.5, +0.4, +0.3 and +0.25mm of all concentrates were observed under the binocular microscope in order to extract any possible kimberlitic indicator mineral. The "<0.25mm" size fractions and "HM" portions were not observed.

All collected kimberlite indicator minerals (KIM) and possible KIM were placed on the labeled mineral cards and securely stored in plastic folders in the KIM Dynamics office until further instructions were received from Temex. The grains that were picked from the concentrates and rejected as KIM or possible KIM were stored together with collected KIM in the plastic folder on the indicator cards marked "rejected". The mineral concentrates labeled "floats" were not screened or observed under the binocular microscope. The sample data sheets recorded all information regarding fraction weights, selected KIM and comments for each sample.

5.4.1 KIM Data

KIM Dynamics performed collection and observation of KIMs from a total of 194 heavy mineral concentrates processed by VIPI in spring 2007. The report on the procedure and results of observation is included in whole in Appendix D. From the entire batch of 194 concentrates, 117 heavy mineral concentrates were observed and reported on herein; a total of 3539 KIMs were selected and observed. This total includes: 291 peridotitic garnet, 113 possible eclogitic garnet, 1847 picroilmenite, 1173 chromite, 106 chrome diopside and 9 olivine grains were extracted. KIMs were identified using the following physical properties:

- Peridotitic garnets were subrounded to subangular in form with purple to reddish colouration. Some peridotitic garnets had thin patches of kelyphite alteration mantles.
- Eclogitic garnets were subrounded to subangular in form and had a pale orange colouration. The identification as eclogitic garnet requires confirmation by electron microprobe analysis.
- Picroilmenites were subrounded and massive to poly-granular or fractured. Subrounded picroilmenites had coarse, "bumpy" surfaces covered with thin white coating of leucoxene. Some grains were fractured and may or may not have had preserved weathering surfaces. About 10% of all collected picroilmenites comprised poly-granular or poly-crystalline morphologies.
- Chromite grains were rounded, subrounded, octahedrons, dodecahedrons, or fractured. Most of the grains are non-kimberlitic but there are also typical kimberlitic morphologies.
- Chrome diopside grains had a light green colouration and subangular to subrounded grain morphologies, however there are a few grains with intensive emerald green colours typical of kimberlitic origin. Some of these grains may be from non-kimberlitic sources and grain identification should be confirmed by electron microprobe analysis.

- Olivines had rounded shapes and light beige colors. Some grains had resorption features on the surfaces suggesting a kimberlitic or mantle parentage.

The background of the observed sample concentrates consisted mainly of pyroxene, rock fragments, amphibole, epidote and hematite. The other minerals present in concentrates included sphene, staurolite, monazite and corundum. A few samples contained trace amounts of pyrite and chalcopyrite.

5.4.2 Abundance and Visual Features

In addition to selection and observation of KIMs from the 194 samples processed, KIM Dynamics also performed a study on the abundance and visual features of KIM minerals as guides to proximity of kimberlitic sources. This report is included in whole in Appendix E; the report includes data tables, graphs and photographs of grains within each of the KIM mineral groups.

This study, in combination with the selection and observation results for the entire sample suite from the fall campaign, KIM Dynamics made the following statements:

- Based on the study of abundance, KIM proportions, size distribution, colour, morphology and abrasion of KIMs, mainly peridotitic and eclogitic garnet and picroilmenite, multiple kimberlite sources may be present in the exploration area.
- Small counts of total KIM grains and predominance of well abraded peridotitic/eclogitic garnets and fractured picroilmenites suggest substantial influence of distal kimberlite(s) in the exploration area.
- Large proportions of picroilmenite and chromite in examined samples indicate abundance of these grains in the host rock(s).
- Presence of "similar to G10" peridotitic garnets and unabraded eclogitic garnets suggest peridotitic and eclogitic diamond potential in their source kimberlite(s).
- Possible diamond bearing proximal kimberlite(s) may be located up-ice from certain samples.
- Possible diamond bearing distal kimberlite(s) may be located up-ice from certain samples.
- All other dispersed KIM grains have features that reflect influence of both proximal and distal kimberlites.

5.5 Slimes Geochemistry

Gold and multi-element ICP geochemical analyses were performed on the -200 mesh size fraction of each till sample; the results are presented in Appendix F.

Detailed examination of the data shows that elements associated with mineral deposits in the Temagami and New Liskeard areas (VMS, Cu-Ni-Co-PGE, Ag-Ni-Co-As) generally have concentrations that are below ranges that might be considered anomalous. Elements of economic interest such as Au and Ag have values at or near detection limit (i.e. <10 ppb and 0.4 ppm, respectively) whereas Cu, Pb and Zn are low, with few exceptions. Those exceptions are from samples not taken from the subject claims and therefore do not form part of this assessment submission.

6.0 Conclusions and Recommendations

The results of the till sampling campaign, conducted across a wide region of the project area, demonstrate continuity of previously identified kimberlite indicator mineral dispersion trains in Best, Gillies Limit and Coleman Townships. The surveys and studies conducted and documented in this report provide additional evidence for KIM dispersal trains and indicators of both proximal and distal kimberlite sources.

Based on the results of the till survey, collection of additional samples across the interpreted up-ice extensions of known axes of interpreted dispersal trains is warranted and highly recommended. This work should consist of follow-up till sampling on lines oriented in a roughly east/west direction and spaced no greater than 500 metres apart depending on local access and local topography. It is recommended that sample sites be closely spaced at 100-200 metre intervals along sample lines with flexibility to adjust this distance based on the quality of potential sample sites and suitable sample media. The work should be directed towards defining the up-ice limit of the interpreted indicator dispersal train and, in conjunction with the interpretation of available geophysical data, to generate targets for trenching and/or drilling or the staking of additional claims. Detailed prospecting should be done in conjunction with a thorough review of all geophysical data in an attempt to locate the bedrock source of the kimberlite indicator minerals.

It is also highly recommended that additional electron microprobe analysis be undertaken as this is the only method for reconciling KIM "picks" with *bona fide* KIMs. Additional data gained from microprobe analysis will assist with target discrimination in subsequent campaigns.

7.0 References

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Statement of Qualifications

I, Karen Joanne Rees, do hereby certify that:

1. I am employed as General Manager for Temex Resources Corp. with offices at 141 Adelaide Street West, Suite 901, Toronto, Ontario M5H 3L5. 416-862-2246 phone.

2. I attended the University of Saskatchewan and graduated in 1984 with a Bachelor of Science (Honours) degree in Geology.

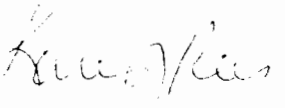
3. I have worked in the mineral exploration industry since 1987.

4. I participated in the supervision and collection of the data in this report.

5. I am a practicing Professional Geoscientist (P. Geo.) in good standing (2002) with the Association of Professional Geologists of Ontario (APGO).

6. I am a core member of the Prospectors and Developers Association of Canada (1997).

Dated this 23rd day of October, 2007



Karen Rees, B.Sc., P. Geo.

APPENDIX A

List of Subject Claims and Till Sample Locations

Sample	East NAD 27 Zone 17	North NAD 27 Zone 17	Claim	Sample	East NAD 27 Zone 17	North NAD 27 Zone 17	Claim
40216	595627	5234789	3003910	32181	593919	5228240	3008951
40215	596055	5234693	3003910	40431	584952	5227549	3009101
40164	596819	5233026	3003911	40434	584536	5227764	3009101
40165	596705	5232931	3003911	40430	585463	5227622	3009101
40163	597023	5233072	3003911	40426	587511	5227680	3009102
32059	591388	5238609	3007431	40418	585748	5225811	3009103
32060	591814	5238709	3007431	40417	586272	5225787	3009104
32049	590946	5237954	3007431	40416	586360	5225484	3009107
32062	592753	5238882	3007432	40415	586631	5225305	3009107
32063	593198	5238957	3007432	40414	584467	5224345	3009109
32064	593561	5238789	3007432	40413	584845	5224259	3009109
32061	592244	5238804	3007432	40167	595089	5233444	3011794
32066	594398	5238944	3007433	40168	595010	5233286	3011794
32067	594837	5239023	3007433	40217	595336	5234777	3011794
32068	595177	5239130	3007433	40166	595384	5233661	3011794
32065	594036	5238908	3007433	40421	584938	5226085	3011796
32051	591082	5237876	3007434	40424	584122	5226080	3011796
32052	592134	5237931	3007434	40419	585441	5225937	3011796
32050	591337	5237890	3007434	40445	586037	5230879	3013793
32053	592704	5237957	3007435	40444	585835	5230639	3013793
32054	593073	5237975	3007435	40447	586447	5231428	3013794
32055	593635	5237920	3007435	40446	586123	5231186	3013794
32040	593582	5236920	3007435	40276	584934	5239170	3017090
32042	594414	5236840	3007436	40277	585112	5238780	3017090
32043	594675	5237036	3007436	40275	585326	5239249	3017090
32044	594929	5237174	3007436	40279	583594	5237140	3017092
32045	595059	5237439	3007436	40278	584080	5237626	3017092
32056	594329	5237982	3007436	40369	587309	5236744	3017101
32057	594964	5238012	3007436	40315	583162	5240050	3017105
32058	595339	5237963	3007436	40316	582932	5239874	3017105
32041	593920	5236898	3007436	40317	582720	5239451	3017105
32047	596324	5237557	3007437	40314	583513	5240344	3017105
32048	596850	5237593	3007437	40308	585516	5242560	3017639
32046	595794	5237307	3007437	40309	584905	5242543	3017639
32002	590318	5235570	3007438	40307	585849	5242107	3017639
32001	590038	5235587	3007438	40420	585096	5225887	3018978
32156	591783	5226739	3007447	40169	594773	5233234	3018980
32155	591050	5226743	3007447	40170	594576	5233069	3018980
32153	590045	5226470	3007448	32171	594309	5232929	3018980
32154	590504	5226595	3007448	32172	594005	5232858	3018980
32152	589280	5226616	3007448	40155	595276	5231659	3018980
32162	590112	5227802	3007450	40153	595845	5231665	3018981
32161	589560	5227767	3007450	40152	596060	5231582	3018982
32164	591824	5228052	3007451	40154	595574	5231653	3018982
32163	591010	5228064	3007451	32176	595703	5230046	3018982
32180	593541	5228263	3007564	40151	596276	5231557	3018982
32188	594078	5226661	3007565	32173	594741	5230035	3018983
32189	594395	5226638	3007565	32174	595068	5230046	3018983
32187	593738	5226714	3007565	32175	595370	5230031	3018983
40440	585174	5229527	3007653	40156	595033	5231640	3018983
40441	585332	5229763	3007653	32093	589428	5222333	4201326
40442	585403	5230151	3007653	32094	589828	5222270	4201326
40443	585653	5230194	3007653	32095	590090	5222358	4201326
40439	584742	5229379	3007653	32096	590437	5222381	4201326
40428	586904	5229475	3007654	32092	589235	5222467	4201326
40429	586621	5229429	3007654	40298	588358	5239296	4206340
40427	587225	5229506	3007654	40300	587755	5239876	4206342
32182	594199	5228248	3008951	40299	588022	5239620	4206342
32183	594524	5228255	3008951				

APPENDIX B

List of Personnel

LIST OF PERSONNEL / SERVICE CONTRACTORS

Temex Employees Toronto, ON

Program Planning and Coordination:
Bruce Jago, Ph.D., P.Geo.,
Karen Rees, P.Geo.

Samplers:
Richard Brett
Norm Sicard:
Bruce Jago, Ph.D., P.Geo.

Report and Map Preparation:
Karen Rees, P.Geo.

Sample Processing:
Vancouver Indicator Processors Inc.
Burnaby, BC

KIM Observation:
KIM Dynamics
Vancouver, BC

Till Fine Fraction Geochemistry:
Global Discovery Labs
Vancouver, BC

APPENDIX C

Vancouver Indicator Processors Inc.

Final Data – Weight Fractions for Picking

SAMPLE RECEIVAL FORM

Vancouver Indicator Processors Inc

Date received : 23-Jan-06

Client: Temex Resources

Job no assigned: **199** Start no 10457 Stop no 10496 Samples 40

Freight paid by VIPI? (enter $) $0.00 Trucking Co Manitoulin Waybill # 5977375

Packing list enclosed ? Y/N n Did contents match list? Y/N

Describe shipment part of 13 pallets with shrinkwrapped sacks

Was shipment in good condition? Y/N n Comment poorly packed, sacks torn & loose

Any security measures? Y/N n Comment

Contact names: Karen Rees, Mgr Exploration

Address to invoice Temex Resources Corp Company

Suite 1000, 141 Adelaide St. West No, Street

Toronto City Ontario Prov M5H 3L5 Postal Code

tel (416) 862-2246 fax (416) 862-2244 email krees@temexcorp.com

Send concentrates to: **KIMDYNAMICS**, #802, 121 West 15th St, North Vancouver, BC, V7M 1R8 tel604) 980-7853

Special instructions **Collect slimes, send for analysis at TeckCominco**

Prepaid amt $0.00 Received by JPN

LIST TO ACCOMPANY CONCENTRATES FOR INDICATOR PICKING

Sent from: **VIPI , unit 101, 6200 Darnley St, Burnaby, BC, V5B 3B1**

Tel (604) 294 9011, fax 294-9022, email vipi@telus.net

Sent to: KIMDYNAMICS, #802, 121 West 15th St, North Vancouver, BC, V7M 1R8 tel604) 980-7853

Client: Karen Rees, Mgr Exploration

Temex Resources Corp

Suite 1000, 141 Adelaide St. West

Toronto Ontario M5H 3L5

Date sent: 26-Apr-07 40 samples JOB 199

Client sample #	TeckLab Conc #	VIPI no	Start wt g	TBE float g	TBE sink g	MI float g	MI sink g
		-0.5+0.25					
32001	1724	10457	622.0	276.0	346.0	342.2	**3.3**
32002	1725	10458	868.0	399.8	468.2	464.0	**3.9**
32040	1726	10459	1111.0	901.7	209.3	202.3	**6.8**
32041	1727	10460	791.0	660.8	130.2	121.3	**8.6**
32042	1728	10461	557.0	520.3	36.7	32.7	**3.9**
32043	1729	10462	921.0	867.6	53.4	48.4	**4.8**
32044	1730	10463	1114.0	1063.7	50.3	45.8	**4.4**
32045	1731	10464	947.0	769.8	177.2	171.8	**5.1**
32046	1732	10465	1353.0	1244.6	108.4	99.5	**8.6**
32047	1733	10466	1130.0	890.4	239.6	221.9	**17.7**
32048	1734	10467	1313.0	948.9	364.1	337.9	**26.1**
32049	1735	10468	976.0	936.6	39.4	36.9	**2.4**
32050	1736	10469	827.0	776.7	50.3	44.8	**5.5**
32051	1737	10470	1222.0	1159.2	62.8	56.1	**6.6**
32052	1738	10471	772.0	697.0	75.0	71.0	**3.9**
32053	1739	10472	628.0	569.2	58.8	53.2	**5.5**
32054	1740	10473	594.0	536.0	58.0	53.5	**4.4**
32055	1741	10474	1062.0	946.9	115.1	107.0	**7.9**
32056	1742	10475	589.0	555.6	33.4	31.9	**1.3**
32057	1743	10476	1275.0	1212.0	63.0	58.4	**4.5**
32058	1744	10477	1174.0	1089.8	84.2	77.3	**6.7**
32059	1745	10478	937.0	881.2	55.8	47.5	**8.2**
32060	1746	10479	898.0	859.8	38.2	35.1	**3.0**
32061	1747	10480	1264.0	1162.5	101.5	92.5	**8.7**
32062	1748	10481	1304.0	1194.4	109.6	91.9	**17.4**
32063	1749	10482	1148.0	1074.9	73.1	63.0	**9.8**
32064	1750	10483	535.0	498.4	36.6	30.5	**6.0**
32065	1751	10484	961.0	852.6	108.4	90.2	**17.9**
32066	1752	10485	790.0	696.8	93.2	72.2	**20.8**
32067	1753	10486	664.0	630.3	33.7	29.1	**4.5**
32068	1754	10487	970.0	921.5	48.5	41.1	**7.2**
32092	1755	10488	745.0	676.7	68.3	51.9	**16.2**

Client sample #	TeckLab Conc #	VIPI no	Start wt g	TBE float g	TBE sink g	MI float g	MI sink g
32093	1756	10489	980.0	912.5	67.5	58.9	**8.4**
32094	1757	10490	1061.0	954.6	106.4	98.9	**7.3**
32095	1758	10491	888.0	820.1	67.9	62.2	**5.5**
32096	1759	10492	778.0	730.9	47.1	43.0	**4.1**
32144	1760	10493	569.0	453.9	115.1	92.2	**22.6**
32145	1761	10494	658.0	616.3	41.7	36.8	**4.9**
32146	1762	10495	787.0	744.1	42.9	37.9	**4.9**
32147	1763	10496	737.0	632.6	104.4	94.5	**9.8**

VIPI sample no	10457	10458	10459	10460	10461	10462	10463	10464	10465	10466
VIPI Job no	199	199	199	199	199	199	199	199	199	199
-0.86+0.25 mm concentrate no	H07-1724	H07-1725	H07-1726	H07-1727	H07-1728	H07-1729	H07-1730	H07-1731	H07-1732	H07-1733
Client Field no	**32001**	**32002**	**32040**	**32041**	**32042**	**32043**	**32044**	**32045**	**32046**	**32047**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	11.45	11.29	13.70	12.11	12.80	11.52	14.94	17.81	21.37	21.91
+2 mm wet kg										
+0.86 mm wet kg	5.56	4.80	6.30	6.55	6.99	6.15	10.36	9.51	8.08	7.02
-0.86+0.25 mm dry kg	0.73	1.03	1.34	0.98	0.63	1.07	1.32	1.19	1.97	1.86
-0.25 mm dry kg	0.011	0.014	0.018	0.011	0.004	0.026	0.027	0.039	0.059	0.112
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	93	137	205	119	68	143	162	168	173	133
Weakly magnetic fraction g	530	731	906	673	490	778	953	780	1182	999
Non magnetic fraction g	93	142	214	181	69	126	177	204	562	606
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	622.0	868.0	1111.0	791.0	557.0	921.0	1114.0	947.0	1353.0	1130.0
TBE(<2.96) SG float g	276.0	399.8	901.7	660.8	520.3	867.6	1063.7	769.8	1244.6	890.4
TBE(>2.96 SG) sink g	346.0	468.2	209.3	130.2	36.7	53.4	50.3	177.2	108.4	239.6
MI (<3.30 SG) float g	342.2	464.0	202.3	121.3	32.7	48.4	45.8	171.8	99.5	221.9
MI(>3.30 SG) sink g	**3.3**	**3.9**	**6.8**	**8.6**	**3.9**	**4.8**	**4.4**	**5.1**	**8.6**	**17.7**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07
		Torn bag								

VIPI sample no	10467	10468	10469	10470	10471	10472	10473	10474	10475	10476
VIPI Job no	199	199	199	199	199	199	199	199	199	199
-0.86+0.25 mm concentrate no	H07-1734	H07-1735	H07-1736	H07-1737	H07-1738	H07-1739	H07-1740	H07-1741	H07-1742	H07-1743
Client Field no	**32048**	**32049**	**32050**	**32051**	**32052**	**32053**	**32054**	**32055**	**32056**	**32057**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	19.87	14.80	17.46	18.70	12.93	11.30	11.44	14.22	13.21	23.91
+2 mm wet kg										
+0.86 mm wet kg	9.29	4.76	5.59	9.66	6.72	6.10	6.02	6.67	5.17	12.74
-0.86+0.25 mm dry kg	1.98	1.23	1.13	1.76	1.01	0.92	0.95	1.30	0.69	1.54
-0.25 mm dry kg	0.056	0.035	0.026	0.122	0.017	0.056	0.01	0.027	0.009	0.029
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	173	94	70	87	70	56	71	167	187	322
Weakly magnetic fraction g	1142	883	757	1137	702	573	523	896	403	955
Non magnetic fraction g	603	212	278	410	215	237	340	205	88	228
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1313.0	976.0	827.0	1222.0	772.0	628.0	594.0	1062.0	589.0	1275.0
TBE(<2.96) SG float g	948.9	936.6	776.7	1159.2	697.0	569.2	536.0	946.9	555.6	1212.0
TBE(>2.96 SG) sink g	364.1	39.4	50.3	62.8	75.0	58.8	58.0	115.1	33.4	63.0
MI (<3.30 SG) float g	337.9	36.9	44.8	56.1	71.0	53.2	53.5	107.0	31.9	58.4
MI(>3.30 SG) sink g	**26.1**	**2.4**	**5.5**	**6.6**	**3.9**	**5.5**	**4.4**	**7.9**	**1.3**	**4.5**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10477	10478	10479	10480	10481	10482	10483	10484	10485	10486
VIPI Job no	199	199	199	199	199	199	199	199	199	199
-0.86+0.25 mm concentrate no	H07-1744	H07-1745	H07-1746	H07-1747	H07-1748	H07-1749	H07-1750	H07-1751	H07-1752	H07-1753
Client Field no	**32058**	**32059**	**32060**	**32061**	**32062**	**32063**	**32064**	**32065**	**32066**	**32067**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	18.08	16.92	17.16	19.04	20.77	18.92	15.20	16.46	18.30	14.40
+2 mm wet kg										
+0.86 mm wet kg	7.64	7.22	9.51	6.91	11.27	7.72	3.86	7.89	9.72	4.85
-0.86+0.25 mm dry kg	1.61	1.17	1.06	2.00	2.40	1.46	0.80	1.49	1.09	0.91
-0.25 mm dry kg	0.072	0.029	0.012	0.071	0.332	0.037	0.016	0.173	0.119	0.029
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	195	107	72	141	144	190	75	118	118	79
Weakly magnetic fraction g	980	831	826	1124	1161	959	460	843	673	585
Non magnetic fraction g	359	203	150	659	755	269	246	347	181	220
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1174.0	937.0	898.0	1264.0	1304.0	1148.0	535.0	961.0	790.0	664.0
TBE(<2.96) SG float g	1089.8	881.2	859.8	1162.5	1194.4	1074.9	498.4	852.6	696.8	630.3
TBE(>2.96 SG) sink g	84.2	55.8	38.2	101.5	109.6	73.1	36.6	108.4	93.2	33.7
MI (<3.30 SG) float g	77.3	47.5	35.1	92.5	91.9	63.0	30.5	90.2	72.2	29.1
MI(>3.30 SG) sink g	**6.7**	**8.2**	**3.0**	**8.7**	**17.4**	**9.8**	**6.0**	**17.9**	**20.8**	**4.5**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10487	10488	10489	10490	10491	10492	10493	10494	10495	10496
VIPI Job no	199	199	199	199	199	199	199	199	199	199
-0.86+0.25 mm concentrate no	H07-1754	H07-1755	H07-1756	H07-1757	H07-1758	H07-1759	H07-1760	H07-1761	H07-1762	H07-1763
Client Field no	**32068**	**32092**	**32093**	**32094**	**32095**	**32096**	**32144**	**32145**	**32146**	**32147**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	14.55	17.15	15.13	16.06	12.93	13.18	10.87	11.22	11.58	11.14
+2 mm wet kg										
+0.86 mm wet kg	5.42	6.48	5.66	7.73	6.54	3.77	5.89	3.70	4.76	3.46
-0.86+0.25 mm dry kg	1.26	1.06	1.34	1.56	1.33	1.07	0.82	0.86	1.02	1.46
-0.25 mm dry kg	0.042	0.017	0.031	0.037	0.041	0.033	0.016	0.012	0.02	0.039
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	149	83	114	107	111	73	81	95	113	95
Weakly magnetic fraction g	822	663	866	956	778	706	489	563	675	643
Non magnetic fraction g	247	291	325	455	403	261	230	188	207	678
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	970.0	745.0	980.0	1061.0	888.0	778.0	569.0	658.0	787.0	737.0
TBE(<2.96) SG float g	921.5	676.7	912.5	954.6	820.1	730.9	453.9	616.3	744.1	632.6
TBE(>2.96 SG) sink g	48.5	68.3	67.5	106.4	67.9	47.1	115.1	41.7	42.9	104.4
MI (<3.30 SG) float g	41.1	51.9	58.9	98.9	62.2	43.0	92.2	36.8	37.9	94.5
MI(>3.30 SG) sink g	**7.2**	**16.2**	**8.4**	**7.3**	**5.5**	**4.1**	**22.6**	**4.9**	**4.9**	**9.8**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

SAMPLE RECEIVAL FORM

Vancouver Indicator Processors Inc

Date received : 23-Jan-06

Client: Temex Resources

Job no assigned: **200** Start no 10498 Stop no 10651 Samples 154

Freight paid by VIPI? (enter $) $0.00 Trucking Co Manitoulin Waybill # 5977375

Packing list enclosed ? Y/N n Did contents match list? Y/N

Describe shipment part of 13 pallets with shrinkwrapped sacks

Was shipment in good condition? Y/N n Comment poorly packed, sacks torn & loose

Any security measures? Y/N n Comment

Contact names: Karen Rees, Mgr Exploration

Address to invoice Temex Resources Corp Company

Suite 1000, 141 Adelaide St. West No, Street

Toronto City Ontario Prov M5H 3L5 Postal Code

tel (416) 862-2246 fax (416) 862-2244 email krees@temexcorp.com

Send concentrates to: **KIMDYNAMICS**, #802, 121 West 15th St, North Vancouver, BC, V7M 1R8 tel604) 980-7853

Special instructions **Collect slimes ,analyse at TeckCominco**

Prepaid amt $0.00 Received by JPN

	LIST TO ACCOMPANY CONCENTRATES FOR INDICATOR PICKING						
	Sent from: **VIPI , unit 101, 6200 Darnley St, Burnaby, BC, V5B 3B1**						
		Tel (604) 294 9011, fax 294-9022, email vipi@telus.net					
Sent to:	**KIMDYNAMICS, #802, 121 West 15th St, North Vancouver, BC, V7M 1R8 tel604) 980-7853**						
Client:	**Karen Rees, Mgr Exploration**						
		Temex Resources Corp					
		Suite 1000, 141 Adelaide St. West					
		Toronto		**Ontario**		**M5H 3L5**	
Date sent:	**26-Apr-07**		**154**	**samples**	**JOB**	**200**	

Client sample #	**TeckLab Conc #**	VIPI no	Start wt g	TBE float g	TBE sink g	MI float g	**MI sink g**
	-0.86+0.25 mm						
32148	V07-H1764	10498	736.0	673.8	62.2	58.2	**3.8**
32149	V07-H1765	10499	908.0	668.5	239.5	235.4	**3.6**
32150	V07-H1766	10500	613.0	552.3	60.7	55.6	**4.9**
32151	V07-H1767	10501	529.0	490.2	38.8	35.7	**3.0**
32152	V07-H1768	10502	795.0	721.7	73.3	68.3	**4.8**
32153	V07-H1769	10503	546.0	519.5	26.5	25.0	**1.5**
32154	V07-H1770	10504	835.0	737.2	97.8	93.1	**4.5**
32155	V07-H1771	10505	1073.0	950.1	122.9	112.7	**10.1**
32156	V07-H1772	10506	697.0	415.3	281.7	274.5	**7.0**
32157	V07-H1773	10507	806.0	695.8	110.2	97.6	**12.5**
32158	V07-H1774	10508	1115.0	1012.2	102.8	92.3	**10.4**
32159	V07-H1775	10509	914.0	827.6	86.4	78.2	**8.3**
32160	V07-H1776	10510	588.0	538.4	49.6	44.6	**5.0**
32161	V07-H1777	10511	1066.0	968.8	97.2	87.1	**9.7**
32162	V07-H1778	10512	867.0	802.5	64.5	59.7	**4.7**
32163	V07-H1779	10513	598.0	572.1	25.9	22.4	**3.4**
32164	V07-H1780	10514	881.0	809.9	71.1	64.8	**6.2**
32165	V07-H1781	10515	1144.1	1034.1	110.0	100.6	**9.3**
32166	V07-H1782	10516	673.3	588.9	84.4	79.8	**4.5**
32167	V07-H1783	10517	1282.9	1167.2	115.7	105.0	**10.6**
32168	V07-H1784	10518	804.9	706.0	98.9	88.7	**10.1**
32169	V07-H1785	10519	1180.8	1100.7	80.1	75.4	**4.5**
32170	V07-H1786	10520	682.0	588.4	93.6	83.4	**10.1**
40151	V07-H1787	10521	1285.3	1185.0	100.3	92.4	**7.6**
40152	V07-H1788	10522	1595.0	1472.7	122.3	115.6	**6.6**
40153	V07-H1789	10523	1549.2	1466.3	82.9	70.3	**12.4**
40154	V07-H1790	10524	1066.9	1022.4	44.5	37.2	**7.2**
40155	V07-H1791	10525	1526.1	1495.3	30.8	22.7	**8.0**
40156	V07-H1792	10526	1406.8	1363.6	43.2	31.4	**11.7**
40162	V07-H1793	10527	1034.3	964.1	70.2	62.7	**7.4**
40163	V07-H1794	10528	1691.2	1560.1	131.1	118.5	**12.1**
40164	V07-H1795	10529	1406.9	1284.2	122.7	111.0	**11.6**

Client	TeckLab	VIPI	Start wt	TBE float	TBE sink	MI float	MI sink
sample #	Conc #	no	g	g	g	g	g
40165	V07-H1796	10530	1514.1	1353.1	161.0	141.2	**19.6**
40166	V07-H1797	10531	1747.9	1662.9	85.0	78.0	**6.8**
40167	V07-H1798	10532	565.3	550.5	14.8	13.0	**1.7**
40168	V07-H1799	10533	615.2	598.8	16.4	14.7	**1.7**
40169	V07-H1800	10534	758.0	718.7	39.3	37.6	**1.8**
40170	V07-H1801	10535	1033.9	957.3	76.6	68.8	**7.6**
40171	V07-H1802	10536	1115.5	1015.4	100.1	91.6	**8.3**
40172	V07-H1803	10537	1335.9	1249.6	86.3	79.1	**7.0**
40173	V07-H1804	10538	647.9	601.8	46.1	32.8	**13.4**
40174	V07-H1805	10539	899.1	886.4	12.7	10.6	**2.1**
40175	V07-H1806	10540	1085.4	1034.6	50.8	45.6	**5.1**
40176	V07-H1807	10541	956.2	905.2	51.0	44.9	**6.0**
40180	V07-H1808	10542	1150.0	1037.0	113.0	106.5	**6.3**
40181	V07-H1809	10543	1391.3	1301.8	89.5	84.2	**5.2**
40182	V07-H1810	10544	960.8	905.8	55.0	49.6	**5.6**
40183	V07-H1811	10545	965.1	912.5	52.6	37.9	**14.7**
40187	V07-H1812	10546	762.1	746.8	15.3	13.4	**1.9**
40188	V07-H1813	10547	736.0	687.0	49.0	42.8	**6.2**
40189	V07-H1814	10548	1488.2	1418.7	69.5	63.1	**6.3**
40204	V07-H1815	10549	727.0	655.0	72.0	66.3	**5.9**
40205	V07-H1816	10550	1434.9	1287.5	147.4	128.9	**18.6**
40206	V07-H1817	10551	965.6	875.3	90.3	82.5	**8.0**
40207	V07-H1818	10552	1777.9	1547.4	230.5	212.1	**18.6**
40208	V07-H1819	10553	1178.3	971.8	206.5	196.3	**10.4**
40209	V07-H1820	10554	1157.6	1040.7	116.9	107.0	**9.9**
40210	V07-H1821	10555	765.7	654.2	111.5	104.8	**6.6**
40211	V07-H1822	10556	682.8	593.7	89.1	83.9	**5.1**
40212	V07-H1823	10557	624.7	616.2	8.5	7.6	**0.9**
40213	V07-H1824	10558	1752.8	1324.3	428.5	407.8	**20.5**
40214	V07-H1825	10559	2292.3	1881.4	410.9	395.5	**14.9**
40215	V07-H1826	10560	1149.9	991.2	158.7	142.1	**16.6**
40216	V07-H1827	10561	1231.0	1172.5	58.5	55.2	**3.3**
40217	V07-H1828	10562	822.6	763.6	59.0	54.7	**4.1**
40244	V07-H1829	10563	326.9	308.9	18.0	16.6	**1.4**
40246	V07-H1830	10564	293.6	271.5	22.1	20.0	**2.1**
40247	V07-H1831	10565	781.6	700.5	81.1	73.7	**7.3**
40248	V07-H1832	10566	1055.9	943.9	112.0	108.2	**3.8**
40249	V07-H1833	10567	815.3	759.1	56.2	52.1	**4.0**
40250	V07-H1834	10568	1122.0	1012.4	109.6	100.6	**8.9**
40251	V07-H1835	10569	1189.1	1080.5	108.6	99.9	**8.6**
40252	V07-H1836	10570	968.8	889.3	79.5	73.1	**6.3**
40253	V07-H1837	10571	873.3	756.7	116.6	110.0	**6.6**
40254	V07-H1838	10572	940.0	804.1	135.9	124.4	**11.5**
40255	V07-H1839	10573	705.4	593.8	111.6	105.1	**6.4**
40256	V07-H1840	10574	920.7	857.0	63.7	57.9	**5.8**
40257	V07-H1841	10575	839.6	752.2	87.4	77.5	**9.9**
40264	V07-H1842	10576	989.0	875.5	113.5	100.5	**13.0**
40265	V07-H1843	10577	1179.6	796.6	383.0	187.4	**195.4**
40266	V07-H1844	10578	1205.0	1077.0	128.0	112.5	**15.4**

Client sample #	TeckLab Conc #	VIPI no	Start wt g	TBE float g	TBE sink g	MI float g	MI sink g
40267	V07-H1845	10579	735.4	574.0	161.4	135.4	**25.9**
40268	V07-H1846	10580	1508.9	949.5	559.4	517.6	**41.6**
40269	V07-H1847	10581	600.0	499.8	100.2	83.9	**16.2**
40270	V07-H1848	10582	848.1	727.1	121.0	110.1	**10.8**
40275	V07-H1849	10583	1126.6	1020.9	105.7	95.4	**10.2**
40276	V07-H1850	10584	1066.0	950.9	115.1	100.5	**14.6**
40277	V07-H1851	10585	1022.6	945.9	76.7	70.8	**5.9**
40278	V07-H1852	10586	1035.9	872.7	163.2	154.6	**8.6**
40279	V07-H1853	10587	708.7	523.3	185.4	176.8	**8.5**
40280	V07-H1854	10588	1016.5	901.3	115.2	110.4	**4.7**
40281	V07-H1855	10589	1791.8	1526.7	265.1	255.1	**10.0**
40282	V07-H1856	10590	758.7	685.1	73.6	68.2	**5.3**
40283	V07-H1857	10591	717.5	661.5	56.0	51.8	**4.2**
40285	V07-H1858	10592	889.5	811.7	77.8	66.7	**11.0**
40286	V07-H1859	10593	312.3	279.3	33.0	28.8	**4.2**
40287	V07-H1860	10594	834.8	791.5	43.3	40.0	**3.3**
40288	V07-H1861	10595	786.0	725.9	60.1	56.6	**3.4**
40289	V07-H1862	10596	1026.8	938.4	88.4	83.5	**4.9**
40290	V07-H1863	10597	666.0	620.2	45.8	42.5	**3.3**
40298	V07-H1864	10598	582.1	540.9	41.2	38.4	**2.8**
40299	V07-H1865	10599	905.5	848.5	57.0	52.3	**4.8**
40300	V07-H1866	10600	577.7	537.1	40.6	37.9	**2.8**
40301	V07-H1867	10601	613.2	591.1	22.1	20.5	**1.6**
40302	V07-H1868	10602	419.5	392.2	27.3	25.0	**2.3**
40303	V07-H1869	10603	897.9	821.1	76.8	71.2	**5.6**
40304	V07-H1870	10604	487.4	405.8	81.6	66.4	**15.1**
40305	V07-H1871	10605	873.0	828.6	44.4	40.7	**3.7**
40306	V07-H1872	10606	651.5	595.0	56.5	51.3	**5.1**
40307	V07-H1873	10607	657.5	586.1	71.4	66.9	**4.4**
40308	V07-H1874	10608	487.6	450.7	36.9	32.6	**4.3**
40309	V07-H1875	10609	822.3	788.5	33.8	30.4	**3.4**
40310	V07-H1876	10610	360.0	336.6	23.4	21.0	**2.3**
40311	V07-H1877	10611	610.5	576.6	33.9	29.4	**4.4**
40312	V07-H1878	10612	549.6	538.7	10.9	10.3	**0.6**
40313	V07-H1879	10613	766.3	698.0	68.3	62.0	**6.2**
40314	V07-H1880	10614	808.3	726.2	82.1	75.1	**7.0**
40315	V07-H1881	10615	757.1	687.1	70.0	64.4	**5.6**
40316	V07-H1882	10616	621.2	604.4	16.8	15.6	**1.1**
40317	V07-H1883	10617	659.5	630.9	28.6	26.3	**2.3**
40365	V07-H1884	10618	907.8	871.5	36.3	33.0	**3.1**
40366	V07-H1885	10619	882.5	850.8	31.7	28.1	**3.6**
40367	V07-H1886	10620	1030.8	997.6	33.2	30.8	**2.3**
40368	V07-H1887	10621	629.4	586.2	43.2	39.3	**3.8**
40369	V07-H1888	10622	530.0	518.7	11.3	10.2	**1.0**
40412	V07-H1889	10623	772.7	699.2	73.5	66.0	**7.3**
40413	V07-H1890	10624	952.7	894.6	58.1	53.0	**5.0**
40414	V07-H1891	10625	984.1	931.5	52.6	46.5	**6.1**
40415	V07-H1892	10626	1012.0	945.4	66.6	57.7	**8.8**
40416	V07-H1893	10627	814.7	769.9	44.8	41.5	**3.2**

Client sample #	TeckLab Conc #	VIPI no	Start wt g	TBE float g	TBE sink g	MI float g	MI sink g
40417	V07-H1894	10628	952.2	852.9	99.3	89.0	**10.1**
40418	V07-H1895	10629	752.9	678.4	74.5	66.0	**8.5**
40419	V07-H1896	10630	997.6	943.7	53.9	49.9	**4.0**
40420	V07-H1897	10631	834.4	806.8	27.6	25.7	**1.8**
40421	V07-H1898	10632	910.2	854.6	55.6	50.2	**5.3**
40424	V07-H1899	10633	919.6	775.0	144.6	129.3	**15.3**
40425	V07-H1900	10634	758.2	661.0	97.2	85.7	**11.3**
40426	V07-H1901	10635	135.6	98.7	36.9	34.7	**2.1**
40427	V07-H1902	10636	1028.4	958.0	70.4	65.7	**4.7**
40428	V07-H1903	10637	1095.9	1061.4	34.5	31.6	**2.8**
40429	V07-H1904	10638	651.2	525.3	125.9	105.0	**20.6**
40430	V07-H1905	10639	913.6	843.2	70.4	63.3	**6.9**
40431	V07-H1906	10640	499.7	442.4	57.3	51.7	**5.5**
40434	V07-H1907	10641	802.3	734.3	68.0	61.8	**6.1**
40437	V07-H1908	10642	924.1	825.0	99.1	87.6	**11.4**
40439	V07-H1909	10643	1243.6	1115.8	127.8	118.3	**9.4**
40440	V07-H1910	10644	846.7	796.3	50.4	45.4	**5.0**
40441	V07-H1911	10645	779.6	712.6	67.0	60.4	**6.4**
40442	V07-H1912	10646	814.9	750.9	64.0	58.0	**6.0**
40443	V07-H1913	10647	713.3	644.7	68.6	61.3	**7.3**
40444	V07-H1914	10648	788.8	707.1	81.7	70.6	**11.1**
40445	V07-H1915	10649	711.5	667.8	43.7	37.9	**5.7**
40446	V07-H1916	10650	905.0	837.3	67.7	60.6	**7.0**
40447	V07-H1917	10651	734.6	662.1	72.5	66.1	**6.4**

VIPI sample no	10498	10499	10500	10501	10502	10503	10504	10505	10506	10507
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1764	H07-1765	H07-1766	H07-1767	H07-1768	H07-1769	H07-1770	H07-1771	H07-1772	H07-1773
Client Field no	**32148**	**32149**	**32150**	**32151**	**32152**	**32153**	**32154**	**32155**	**32156**	**32157**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	11.76	14.01	10.62	7.94	10.58	11.17	13.81	12.06	11.35	13.56
+2 mm wet kg										
+0.86 mm wet kg	3.44	4.27	4.54	4.28	5.36	4.45	3.08	6.46	3.30	6.13
-0.86+0.25 mm dry kg	1.10	1.30	0.91	0.67	1.05	0.67	1.28	1.35	1.24	1.22
-0.25 mm dry kg	0.02	0.031	0.023	0.013	0	0.016	0.036	0.022	0.033	0.086
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	97	128	76	79	101	142	136	143	118	112
Weakly magnetic fraction g	639	780	537	450	695	405	699	931	580	694
Non magnetic fraction g	345	363	275	130	259	93	406	259	510	331
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	736.0	908.0	613.0	529.0	795.0	546.0	835.0	1073.0	697.0	806.0
TBE(<2.96) SG float g	673.8	668.5	552.3	490.2	721.7	519.5	737.2	950.1	415.3	695.8
TBE(>2.96 SG) sink g	62.2	239.5	60.7	38.8	73.3	26.5	97.8	122.9	281.7	110.2
MI (<3.30 SG) float g	58.2	235.4	55.6	35.7	68.3	25.0	93.1	112.7	274.5	97.6
MI(>3.30 SG) sink g	**3.8**	**3.6**	**4.9**	**3.0**	**4.8**	**1.5**	**4.5**	**10.1**	**7.0**	**12.5**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07
		Torn bag								

VIPI sample no	10508	10509	10510	10511	10512	10513	10514	10515	10516	10517
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1774	H07-1775	H07-1776	H07-1777	H07-1778	H07-1779	H07-1780	H07-1781	H07-1782	H07-1783
Client Field no	**32158**	**32159**	**32160**	**32161**	**32162**	**32163**	**32164**	**32165**	**32166**	**32167**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	14.81	14.25	13.42	12.84	10.90	11.19	16.39	10.51	14.75	14.85
+2 mm wet kg										
+0.86 mm wet kg	5.77	5.00	2.56	5.12	3.61	5.79	6.20	4.29	4.07	6.99
-0.86+0.25 mm dry kg	1.55	1.31	1.09	1.54	1.22	0.69	1.44	1.64	0.92	1.60
-0.25 mm dry kg	0.033	0.064	0.142	0.086	0.035	0.011	0.086	0.059	0.024	0.02
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	129	102	80	106	113	171	111	179	125	207
Weakly magnetic fraction g	987	813	509	961	755	427	771	966	550	1078
Non magnetic fraction g	404	328	355	389	317	78	469	441	220	292
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1115.0	914.0	588.0	1066.0	867.0	598.0	881.0	1144.1	673.3	1282.9
TBE(<2.96) SG float g	1012.2	827.6	538.4	968.8	802.5	572.1	809.9	1034.1	588.9	1167.2
TBE(>2.96 SG) sink g	102.8	86.4	49.6	97.2	64.5	25.9	71.1	110.0	84.4	115.7
MI (<3.30 SG) float g	92.3	78.2	44.6	87.1	59.7	22.4	64.8	100.6	79.8	105.0
MI(>3.30 SG) sink g	**10.4**	**8.3**	**5.0**	**9.7**	**4.7**	**3.4**	**6.2**	**9.3**	**4.5**	**10.6**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10518	10519	10520	10521	10522	10523	10524	10525	10526	10527
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1784	H07-1785	H07-1786	H07-1787	H07-1788	H07-1789	H07-1790	H07-1791	H07-1792	H07-1793
Client Field no	**32168**	**32169**	**32170**	**40151**	**40152**	**40153**	**40154**	**40155**	**40156**	**40162**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	10.99	12.96	12.18	15.77	11.72	15.90	13.71	13.60	14.21	10.13
+2 mm wet kg										
+0.86 mm wet kg	5.92	4.88	3.90	7.38	8.66	11.10	7.72	5.99	5.96	4.49
-0.86+0.25 mm dry kg	1.14	1.56	1.00	1.51	1.70	1.76	1.20	1.85	1.58	1.31
-0.25 mm dry kg	0.012	0.052	0.056	0.043	0.044	0.028	0.011	0.082	0.035	0.012
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	98	150	100	154	303	201	159	210	204	141
Weakly magnetic fraction g	709	1032	583	1133	1194	1351	909	1318	1205	895
Non magnetic fraction g	324	320	256	176	163	181	118	240	139	257
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	804.9	1180.8	682.0	1285.3	1495.0	1549.2	1066.9	1526.1	1406.8	1034.3
TBE(<2.96) SG float g	706.0	1100.7	588.4	1185.0	1372.7	1466.3	1022.4	1495.3	1363.6	964.1
TBE(>2.96 SG) sink g	98.9	80.1	93.6	100.3	122.3	82.9	44.5	30.8	43.2	70.2
MI (<3.30 SG) float g	88.7	75.4	83.4	92.4	115.6	70.3	37.2	22.7	31.4	62.7
MI(>3.30 SG) sink g	**10.1**	**4.5**	**10.1**	**7.6**	**6.6**	**12.4**	**7.2**	**8.0**	**11.7**	**7.4**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10528	10529	10530	10531	10532	10533	10534	10535	10536	10537
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1794	H07-1795	H07-1796	H07-1797	H07-1798	H07-1799	H07-1800	H07-1801	H07-1802	H07-1803
Client Field no	**40163**	**40164**	**40165**	**40166**	**40167**	**40168**	**40169**	**40170**	**40171**	**40172**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	14.92	12.63	12.83	12.23	11.90	11.84	9.44	15.30	14.33	16.38
+2 mm wet kg										
+0.86 mm wet kg	8.72	7.24	8.83	6.05	3.39	4.34	3.59	8.45	9.78	9.28
-0.86+0.25 mm dry kg	2.09	1.64	1.84	2.19	0.70	0.76	0.98	1.28	1.24	1.53
-0.25 mm dry kg	0.042	0.02	0.021	0.074	0.012	0.013	0.018	0.018	0.018	0.018
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g						0				
Strongly magnetic fraction g	237	244	265	400	67	84	100	159	300	207
Weakly magnetic fraction g	1461	1165	1252	1350	498	532	658	876	817	1130
Non magnetic fraction g	350	207	306	369	119	131	199	266	110	176
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1691.2	1406.9	1514.1	1747.9	565.3	615.2	758.0	1033.9	1115.5	1335.9
TBE(<2.96) SG float g	1560.1	1284.2	1353.1	1662.9	550.5	598.8	718.7	957.3	1015.4	1249.6
TBE(>2.96 SG) sink g	131.1	122.7	161.0	85.0	14.8	16.4	39.3	76.6	100.1	86.3
MI (<3.30 SG) float g	118.5	111.0	141.2	78.0	13.0	14.7	37.6	68.6	91.6	79.1
MI(>3.30 SG) sink g	**12.1**	**11.6**	**19.6**	**6.8**	**1.7**	**1.7**	**1.8**	**7.6**	**8.3**	**7.0**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10538	10539	10540	10541	10542	10543	10544	10545	10546	10547
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1804	H07-1805	H07-1806	H07-1807	H07-1808	H07-1809	H07-1810	H07-1811	H07-1812	H07-1813
Client Field no	**40173**	**40174**	**40175**	**40176**	**40180**	**40181**	**40182**	**40183**	**40187**	**40188**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	10.63	13.21	13.77	13.41	12.12	13.18	12.68	11.37	11.86	9.45
+2 mm wet kg										
+0.86 mm wet kg	4.09	3.04	6.24	4.66	5.85	4.70	5.19	4.01	5.15	4.58
-0.86+0.25 mm dry kg	0.78	0.99	1.32	1.05	1.37	1.68	1.22	1.22	1.04	0.94
-0.25 mm dry kg	0.007	0.009	0.024	0.024	0.026	0.051	0.02	0.04	0.008	0.006
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	114	66	176	237	185	292	130	190	73	115
Weakly magnetic fraction g	535	835	911	720	967	1101	832	776	691	618
Non magnetic fraction g	125	82	209	72	193	232	242	214	269	204
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	647.9	899.1	1085.4	956.2	1150.0	1391.3	960.8	965.1	762.1	736.0
TBE(<2.96) SG float g	601.8	886.4	1034.6	905.2	1037.0	1301.8	905.8	912.5	746.8	687.0
TBE(>2.96 SG) sink g	46.1	12.7	50.8	51.0	113.0	89.5	55.0	52.6	15.3	49.0
MI (<3.30 SG) float g	32.8	10.6	45.6	44.9	106.5	84.2	49.6	37.9	13.4	42.8
MI(>3.30 SG) sink g	**13.4**	**2.1**	**5.1**	**6.0**	**6.3**	**5.2**	**5.6**	**14.7**	**1.9**	**6.2**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10548	10549	10550	10551	10552	10553	10554	10555	10556	10557
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1814	H07-1815	H07-1816	H07-1817	H07-1818	H07-1819	H07-1820	H07-1821	H07-1822	H07-1823
Client Field no	**40189**	**40204**	**40205**	**40206**	**40207**	**40208**	**40209**	**40210**	**40211**	**40212**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	11.19	14.21	16.98	14.30	14.86	12.54	13.06	12.02	11.99	13.14
+2 mm wet kg										
+0.86 mm wet kg	6.38	4.06	8.07	5.49	5.57	5.92	4.55	4.24	4.19	4.72
-0.86+0.25 mm dry kg	2.20	1.04	2.06	1.27	2.35	1.48	1.55	1.12	0.84	0.69
-0.25 mm dry kg	0.044	0.014	0.019	0.031	0.04	0.028	0.04	0.026	0.011	0.032
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	217	100	209	233	289	219	217	113	93	60
Weakly magnetic fraction g	1273	628	1227	734	1491	962	943	654	590	566
Non magnetic fraction g	664	302	605	275	528	268	347	329	141	22
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1488.2	727.0	1434.9	965.6	1777.9	1178.3	1157.6	765.7	682.8	624.7
TBE(<2.96) SG float g	1418.7	655.0	1287.5	875.3	1547.4	971.8	1040.7	654.2	593.7	616.2
TBE(>2.96 SG) sink g	69.5	72.0	147.4	90.3	230.5	206.5	116.9	111.5	89.1	8.5
MI (<3.30 SG) float g	63.1	66.3	128.9	82.5	212.1	196.3	107.0	104.8	83.9	7.6
MI(>3.30 SG) sink g	**6.3**	**5.9**	**18.6**	**8.0**	**18.6**	**10.4**	**9.9**	**6.6**	**5.1**	**0.9**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10558	10559	10560	10561	10562	10563	10564	10565	10566	10567
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1824	H07-1825	H07-1826	H07-1827	H07-1828	H07-1829	H07-1830	H07-1831	H07-1832	H07-1833
Client Field no	**40213**	**40214**	**40215**	**40216**	**40217**	**40244**	**40246**	**40247**	**40248**	**40249**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	14.59	16.61	13.71	12.91	11.34	10.07	14.10	15.63	15.70	14.91
+2 mm wet kg										
+0.86 mm wet kg	5.95	6.71	8.27	4.31	6.39	3.49	6.51	5.08	4.85	4.37
-0.86+0.25 mm dry kg	2.29	2.74	1.44	1.55	1.00	0.47	0.37	1.13	1.57	1.12
-0.25 mm dry kg	0.046	0.023	0.022	0.051	0.016	0.027	0.002	0.011	0.046	0.012
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	264	454	187	230	263	47	27	147	208	172
Weakly magnetic fraction g	1491	1842	964	1003	557	281	267	636	850	645
Non magnetic fraction g	486	418	267	269	158	118	70	333	466	292
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1752.8	2292.3	1149.9	1231.0	822.6	326.9	293.6	781.6	1055.9	815.3
TBE(<2.96) SG float g	1324.3	1881.4	991.2	1172.5	763.6	308.9	271.5	700.5	943.9	759.1
TBE(>2.96 SG) sink g	428.5	410.9	158.7	58.5	59.0	18.0	22.1	81.1	112.0	56.2
MI (<3.30 SG) float g	407.8	395.5	142.1	55.2	54.7	16.6	20.0	73.7	108.2	52.1
MI(>3.30 SG) sink g	**20.5**	**14.9**	**16.6**	**3.3**	**4.1**	**1.4**	**2.1**	**7.3**	**3.8**	**4.0**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10568	10569	10570	10571	10572	10573	10574	10575	10576	10577
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1834	H07-1835	H07-1836	H07-1837	H07-1838	H07-1839	H07-1840	H07-1841	H07-1842	H07-1843
Client Field no	**40250**	**40251**	**40252**	**40253**	**40254**	**40255**	**40256**	**40257**	**40264**	**40265**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	15.61	16.18	12.10	13.59	13.19	13.51	13.24	14.61	13.06	12.70
+2 mm wet kg										
+0.86 mm wet kg	8.10	6.57	4.37	4.80	5.62	3.51	4.20	4.60	6.41	4.74
-0.86+0.25 mm dry kg	1.52	1.80	1.63	1.17	1.24	0.89	1.20	1.19	1.42	1.96
-0.25 mm dry kg	0.02	0.034	0.039	0.029	0.03	0.011	0.025	0.022	0.026	0.065
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	134	164	123	169	179	92	97	126	213	282
Weakly magnetic fraction g	990	1027	847	706	762	615	825	716	778	899
Non magnetic fraction g	369	572	617	265	269	173	250	326	407	718
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1122.0	1189.1	968.8	873.3	940.0	705.4	920.7	839.6	989.0	1179.6
TBE(<2.96) SG float g	1012.4	1080.5	889.3	756.7	804.1	593.8	857.0	752.2	875.5	796.6
TBE(>2.96 SG) sink g	109.6	108.6	79.5	116.6	135.9	111.6	63.7	87.4	113.5	383.0
MI (<3.30 SG) float g	100.6	99.9	73.1	110.0	124.4	105.1	57.9	77.5	100.5	187.4
MI(>3.30 SG) sink g	**8.9**	**8.6**	**6.3**	**6.6**	**11.5**	**6.4**	**5.8**	**9.9**	**13.0**	**195.4**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10578	10579	10580	10581	10582	10583	10584	10585	10586	10587
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1844	H07-1845	H07-1846	H07-1847	H07-1848	H07-1849	H07-1850	H07-1851	H07-1852	H07-1853
Client Field no	**40266**	**40267**	**40268**	**40269**	**40270**	**40275**	**40276**	**40277**	**40278**	**40279**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	13.03	14.71	12.91	12.02	12.23	13.59	12.97	11.79	12.97	14.44
+2 mm wet kg										
+0.86 mm wet kg	5.58	4.41	4.10	5.35	3.52	6.26	7.77	4.96	5.12	6.98
-0.86+0.25 mm dry kg	1.82	1.50	1.93	0.98	1.71	2.52	2.33	1.89	1.99	1.58
-0.25 mm dry kg	0.058	0.048	0.225	0.012	0.064	0.052	0.06	0.056	0.021	0.079
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	243	118	361	114	99	156	144	118	94	93
Weakly magnetic fraction g	964	618	1151	487	750	972	922	907	943	617
Non magnetic fraction g	556	717	193	367	802	1335	1205	811	928	792
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1205.0	735.4	1508.9	600.0	848.1	1126.6	1066.0	1022.6	1035.9	708.7
TBE(<2.96) SG float g	1077.0	574.0	949.5	499.8	727.1	1020.9	950.9	945.9	872.7	523.3
TBE(>2.96 SG) sink g	128.0	161.4	559.4	100.2	121.0	105.7	115.1	76.7	163.2	185.4
Mi (<3.30 SG) float g	112.5	135.4	517.6	83.9	110.1	95.4	100.5	70.8	154.6	176.8
MI(>3.30 SG) sink g	**15.4**	**25.9**	**41.6**	**16.2**	**10.8**	**10.2**	**14.6**	**5.9**	**8.6**	**8.5**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10588	10589	10590	10591	10592	10593	10594	10595	10596	10597
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1854	H07-1855	H07-1856	H07-1857	H07-1858	H07-1859	H07-1860	H07-1861	H07-1862	H07-1863
Client Field no	**40280**	**40281**	**40282**	**40283**	**40285**	**40286**	**40287**	**40288**	**40289**	**40290**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	12.72	14.10	11.20	13.14	14.42	11.02	11.95	14.20	12.70	9.88
+2 mm wet kg										
+0.86 mm wet kg	8.16	8.67	6.11	3.34	5.63	4.84	3.92	5.29	4.51	3.89
-0.86+0.25 mm dry kg	1.80	2.15	1.10	1.28	1.29	0.60	1.16	1.20	1.75	0.98
-0.25 mm dry kg	0.047	0.032	0.033	0.031	0.039	0.045	0.047	0.019	0.085	0.021
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	104	313	115	72	127	40	135	158	183	131
Weakly magnetic fraction g	914	1478	644	646	763	273	700	628	845	535
Non magnetic fraction g	731	323	306	532	357	245	272	394	634	286
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	1016.5	1791.8	758.7	717.5	889.5	312.3	834.8	786.0	1026.8	666.0
TBE(<2.96) SG float g	901.3	1526.7	685.1	661.5	811.7	279.3	791.5	725.9	938.4	620.2
TBE(>2.96 SG) sink g	115.2	265.1	73.6	56.0	77.8	33.0	43.3	60.1	88.4	45.8
MI (<3.30 SG) float g	110.4	255.1	68.2	51.8	66.7	28.8	40.0	56.6	83.5	42.5
MI(>3.30 SG) sink g	**4.7**	**10.0**	**5.3**	**4.2**	**11.0**	**4.2**	**3.3**	**3.4**	**4.9**	**3.3**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10598	10599	10600	10601	10602	10603	10604	10605	10606	10607
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1864	H07-1865	H07-1866	H07-1867	H07-1868	H07-1869	H07-1870	H07-1871	H07-1872	H07-1873
Client Field no	**40298**	**40299**	**40300**	**40301**	**40302**	**40303**	**40304**	**40305**	**40306**	**40307**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	10.84	10.79	11.46	10.34	10.92	10.84	11.25	12.23	11.32	12.32
+2 mm wet kg										
+0.86 mm wet kg	5.84	5.14	5.39	4.51	3.94	7.21	2.73	6.54	5.45	5.00
-0.86+0.25 mm dry kg	0.78	1.23	0.89	0.78	0.73	1.40	0.70	1.20	1.19	1.49
-0.25 mm dry kg	0.023	0.017	0.016	0.018	0.009	0.029	0.022	0.006	0.023	0.009
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	110	113	64	111	69	144	36	162	74	53
Weakly magnetic fraction g	473	794	514	503	351	754	452	712	578	605
Non magnetic fraction g	170	301	290	148	297	466	185	319	511	826
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	582.1	905.5	577.7	613.2	419.5	897.9	487.4	873.0	651.5	657.5
TBE(<2.96) SG float g	540.9	848.5	537.1	591.1	392.2	821.1	405.8	828.6	595.0	586.1
TBE(>2.96 SG) sink g	41.2	57.0	40.6	22.1	27.3	76.8	81.6	44.4	56.5	71.4
MI (<3.30 SG) float g	38.4	52.3	37.9	20.5	25.0	71.2	66.4	40.7	51.3	66.9
MI(>3.30 SG) sink g	**2.8**	**4.8**	**2.8**	**1.6**	**2.3**	**5.6**	**15.1**	**3.7**	**5.1**	**4.4**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10608	10609	10610	10611	10612	10613	10614	10615	10616	10617
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1874	H07-1875	H07-1876	H07-1877	H07-1878	H07-1879	H07-1880	H07-1881	H07-1882	H07-1883
Client Field no	**40308**	**40309**	**40310**	**40311**	**40312**	**40313**	**40314**	**40315**	**40316**	**40317**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	10.28	10.80	8.75	15.59	11.58	9.60	12.76	10.26	10.61	10.82
+2 mm wet kg										
+0.86 mm wet kg	5.36	4.91	3.49	4.40	2.77	6.04	5.66	4.65	5.85	4.02
-0.86+0.25 mm dry kg	1.05	1.54	1.15	2.86	0.99	1.39	1.58	1.52	0.97	1.00
-0.25 mm dry kg	0.012	0.037	0.021	0.034	0.035	0.013	0.025	0.042	0.042	0.019
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	65	76	27	19	15	74	102	82	88	66
Weakly magnetic fraction g	422	747	333	592	535	693	707	676	534	595
Non magnetic fraction g	552	682	766	2215	403	608	744	717	306	325
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	487.6	822.3	360.0	610.5	549.6	766.3	808.3	757.1	621.2	659.5
TBE(<2.96) SG float g	450.7	788.5	336.6	576.6	538.7	698.0	726.2	687.1	604.4	630.9
TBE(>2.96 SG) sink g	36.9	33.8	23.4	33.9	10.9	68.3	82.1	70.0	16.8	28.6
MI (<3.30 SG) float g	32.6	30.4	21.0	29.4	10.3	62.0	75.1	64.4	15.6	26.3
MI(>3.30 SG) sink g	**4.3**	**3.4**	**2.3**	**4.4**	**0.6**	**6.2**	**7.0**	**5.6**	**1.1**	**2.3**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10618	10619	10620	10621	10622	10623	10624	10625	10626	10627
VIPI Job no	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1884	H07-1885	H07-1886	H07-1887	H07-1888	H07-1889	H07-1890	H07-1891	H07-1892	H07-1893
Client Field no	**40365**	**40366**	**40367**	**40368**	**40369**	**40412**	**40413**	**40414**	**40415**	**40416**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	13.45	12.82	12.92	11.79	10.36	11.12	13.80	11.66	10.68	10.29
+2 mm wet kg										
+0.86 mm wet kg	8.07	6.72	7.14	4.45	1.99	4.62	6.29	4.49	5.24	3.55
-0.86+0.25 mm dry kg	1.29	1.36	1.35	0.97	0.73	1.17	1.29	1.43	1.39	1.22
-0.25 mm dry kg	0.031	0.055	0.035	0.022	0.052	0.032	0.032	0.045	0.021	0.041
Magnetic Processing -0.86+0.25 mm										
Ferromagnetic fraction g										
Strongly magnetic fraction g	102	114	187	59	34	112	144	116	152	133
Weakly magnetic fraction g	806	769	845	571	497	662	809	870	862	682
Non magnetic fraction g	349	416	286	315	146	365	301	396	352	363
Heavy Liquid processing -0.86+.25mm										
Start weight for heavy liquids g	907.8	882.5	1030.8	629.4	530.0	772.7	952.7	984.1	1012.0	814.7
TBE(<2.96) SG float g	871.5	850.8	997.6	586.2	518.7	699.2	894.6	931.5	945.4	769.9
TBE(>2.96 SG) sink g	36.3	31.7	33.2	43.2	11.3	73.5	58.1	52.6	66.6	44.8
MI (<3.30 SG) float g	33.0	28.1	30.8	39.3	10.2	66.0	53.0	46.5	57.7	41.5
MI(>3.30 SG) sink g	**3.1**	**3.6**	**2.3**	**3.8**	**1.0**	**7.3**	**5.0**	**6.1**	**8.8**	**3.2**
Work record										
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10628	10629	10630	10631	10632	10633	10634	10635	10636	10637	10638	10639	10640
VIPI Job no	200	200	200	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1894	H07-1895	H07-1896	H07-1897	H07-1898	H07-1899	H07-1900	H07-1901	H07-1902	H07-1903	H07-1904	H07-1905	H07-1906
Client Field no	**40417**	**40418**	**40419**	**40420**	**40421**	**40424**	**40425**	**40426**	**40427**	**40428**	**40429**	**40430**	**40431**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	11.60	9.50	10.59	11.00	10.46	9.41	9.92	11.68	12.72	9.94	10.51	11.44	10.73
+2 mm wet kg													
+0.86 mm wet kg	5.07	4.52	3.84	5.75	4.97	4.24	6.14	2.45	3.60	4.16	4.72	4.51	2.41
-0.86+0.25 mm dry kg	1.36	1.21	1.40	1.07	1.22	1.30	0.99	0.16	1.70	1.41	0.94	1.38	0.84
-0.25 mm dry kg	0.027	0.044	0.06	0.035	0.026	0.028	0.003	0	0.044	0.147	0.031	0.035	0.036
Magnetic Processing -0.86+0.25 mm													
Ferromagnetic fraction g													
Strongly magnetic fraction g	126	91	114	136	139	113	103	31	126	273	128	124	63
Weakly magnetic fraction g	827	662	884	698	772	807	656	105	903	824	524	791	437
Non magnetic fraction g	377	409	340	200	278	355	231	20	621	167	260	427	306
Heavy Liquid processing -0.86+.25mm													
Start weight for heavy liquids g	952.2	752.9	997.6	834.4	910.2	919.6	758.2	135.6	1028.4	1095.9	651.2	913.6	499.7
TBE(<2.96) SG float g	852.9	678.4	943.7	806.8	854.6	775.0	661.0	98.7	958.0	1061.4	525.3	843.2	442.4
TBE(>2.96 SG) sink g	99.3	74.5	53.9	27.6	55.6	144.6	97.2	36.9	70.4	34.5	125.9	70.4	57.3
MI (<3.30 SG) float g	89.0	66.0	49.9	25.7	50.2	129.3	85.7	34.7	65.7	31.6	105.0	63.3	51.7
MI(>3.30 SG) sink g	**10.1**	**8.5**	**4.0**	**1.8**	**5.3**	**15.3**	**11.3**	**2.1**	**4.7**	**2.8**	**20.6**	**6.9**	**5.5**
Work record													
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

VIPI sample no	10641	10642	10643	10644	10645	10646	10647	10648	10649	10650	10651
VIPI Job no	200	200	200	200	200	200	200	200	200	200	200
-0.86+0.25 mm concentrate no	H07-1907	H07-1908	H07-1909	H07-1910	H07-1911	H07-1912	H07-1913	H07-1914	H07-1915	H07-1916	H07-1917
Client Field no	**40434**	**40437**	**40439**	**40440**	**40441**	**40442**	**40443**	**40444**	**40445**	**40446**	**40447**
Client	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex	Temex
As-received wt kg	11.59	10.31	13.27	10.17	10.19	10.65	9.14	11.99	10.30	10.06	10.18
+2 mm wet kg											
+0.86 mm wet kg	5.35	4.00	7.11	5.78	3.96	5.68	5.71	5.55	5.05	4.13	3.45
-0.86+0.25 mm dry kg	1.28	1.35	1.77	1.08	1.10	1.14	1.03	1.24	1.10	1.51	1.32
-0.25 mm dry kg	0.065	0.058	0.032	0.018	0.017	0.02	0.031	0.028	0.013	0.035	0.029
Magnetic Processing -0.86+0.25 mm											
Ferromagnetic fraction g											
Strongly magnetic fraction g	88	151	160	110	98	127	102	121	85	100	79
Weakly magnetic fraction g	715	773	1084	738	683	688	612	668	627	806	657
Non magnetic fraction g	409	371	489	211	306	307	281	417	373	568	553
Heavy Liquid processing -0.86+.25mm											
Start weight for heavy liquids g	802.3	924.1	1243.6	846.7	779.6	814.9	713.3	788.8	711.5	905.0	734.6
TBE(<2.96) SG float g	734.3	825.0	1115.8	796.3	712.6	750.9	644.7	707.1	667.8	837.3	662.1
TBE(>2.96 SG) sink g	68.0	99.1	127.8	50.4	67.0	64.0	68.6	81.7	43.7	67.7	72.5
MI (<3.30 SG) float g	61.8	87.6	118.3	45.4	60.4	58.0	61.3	70.6	37.9	60.6	66.1
MI(>3.30 SG) sink g	**6.1**	**11.4**	**9.4**	**5.0**	**6.4**	**6.0**	**7.3**	**11.1**	**5.7**	**7.0**	**6.4**
Work record											
Date sample received	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06	23-Jan-06
Date concentrate shipped	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07	20-Apr-07

APPENDIX D

KIM Dynamics Picking Results: KIM Data

KIM Dynamics

diamond exploration mineral services

Client: Temex Resources Corp.

To: **Karen Rees, Mgr exploration,** Temex Resources Corp., Suite 1000, 141 Adelaide St. West, Toronto, Ontario, M5H 3L5

From: **Maja Kiridzija Mineralogist**, KIM Dynamics Inc., #802-West 15th Street, North Vancouver, B.C. V7M 1R8

Date: **May 12, 2007**

Invoice 6

REPORT ON THE PROCEDURE AND RESULTS OF THE 194 KIM OBSERVED SAMPLE CONCENTRATES

PROCEDURE

The 194 heavy mineral concentrates arrived at KIM Dynamics laboratory for the observation on Kimberlitic Indicator Minerals (KIM) on April 30, 2007 from Teckominco Global Discovery Lab.

Before the observation, each of the 194 heavy mineral concentrates was sieved through one - 0.25mm (<5g concentrate), two - 0.3mm and 0.25mm (5 - 10g of concentrate) or four mesh sizes - 0.5mm, 0.4mm, 0.3mm and 0.25mm (>10g of concentrate) in order to provide better focusing under the binocular microscope. This procedure produced two, +0.25 and "<0.25" and "HM" , three, +0.3mm, +0.25mm, and "<0.25" and "HM" or five separate bags, +0.5mm, +0.4mm, +0.3mm, +0.25mm, and "<0.25" and "HM" for each sample concentrate.

All bags were weighted and weights were recorded on the right corners of the plastic bags. The size fractions, +0.5, +0.4, +0.3 and +0.25mm of all 194 concentrates were observed under the binocular microscope in order to extract any possible kimberlitic indicator mineral. The "<0.25mm" size fractions and "HM" portions were not observed.

All collected KIM and possible KIM were placed on the labeled mineral cards and stored into the plastic folder. The grains that were picked from the concentrates and rejected as KIM or possible KIM were stored together with collected KIM in the plastic folder on the indicator cards marked "rejected".

The sample data sheets recorded all information on weights, kimberlitic indicator minerals and comments for each observed sample.

RESULTS

Total of 973.1 of heavy mineral concentrates was observed. The total of 5524 KIM and possible KIM was extracted from the examined concentrates including 524 peridotitic garnets, 193 possible eclogitic garnets, 2684 picroilmenites and possible picroilmenites, 1915 chromites, 184 chrome diopside and 24 olivine.

Peridotitic garnets were found in almost each sample concentrates in numbers from 1 to 28. They are subrounded to subangular shapes and purple to reddish colors. There are few grains that resemble G10 color. Some peridotitic garnets have thin patches of kelephytic rims or coarse surface with kimberlite patch preserved.

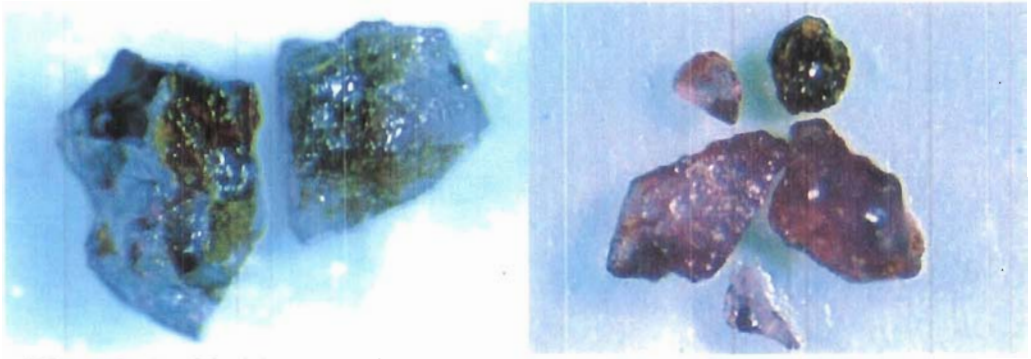


Photo 1 – Peridotitic garnet from 32046 (left) intersected with kimberlite and from 40280 (right) resembling G10 color.

Eclogitic garnets are often present in observed sample concentrates in amounts from 1 to 11 grains. They are subrounded to subangular shapes and intensive orange to pale orange colors. All grains need testing to be confirmed as KIM.

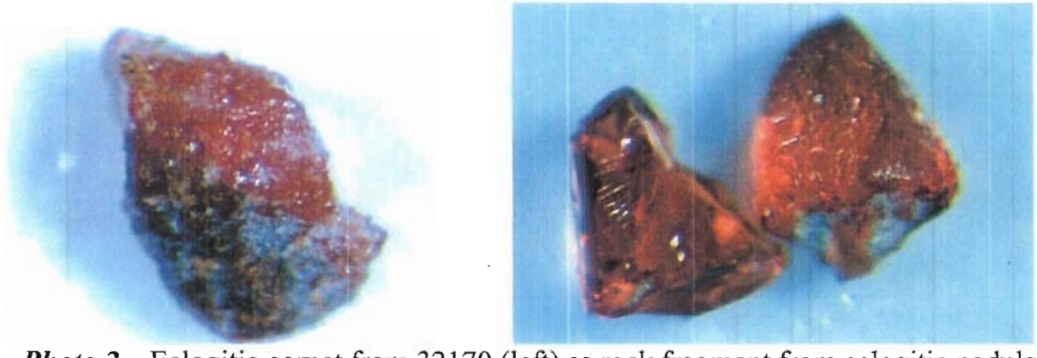


Photo 2 – Eclogitic garnet from 32170 (left) as rock fragment from eclogitic nodule and from 40290 (right) with intensive orange color and resorption features.

Picroilmenites were found in almost each sample concentrate in amounts from 1 to 129 grains. They are subrounded, polygranular or fractured. Subrounded picroilmenites have coarse, "bumpy" surfaces covered with thin white coatings. Some grains are fractured with or without preserved surfaces. About 10% of all collected picroilmenites are polygranular/polycrystalline morphologies.

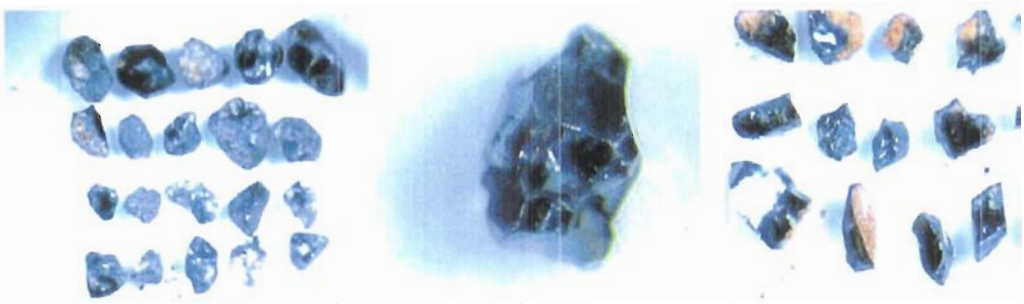


Photo 3 – Picroilmenite from 40215 (left) rounded with "bumpy" surface covered with thin leucoxene coatings, from 32046 (middle) polygranular and from 32001(right) fractured with thick yellow coatings.

Chromites are present in almost each concentrate in amounts from 1 to 69 grains. They are rounded, subrounded, octahedrons, dodecahedrons or fractured. Most of the grains are non-kimberlitic but there are also typical kimberlitic morphologies.

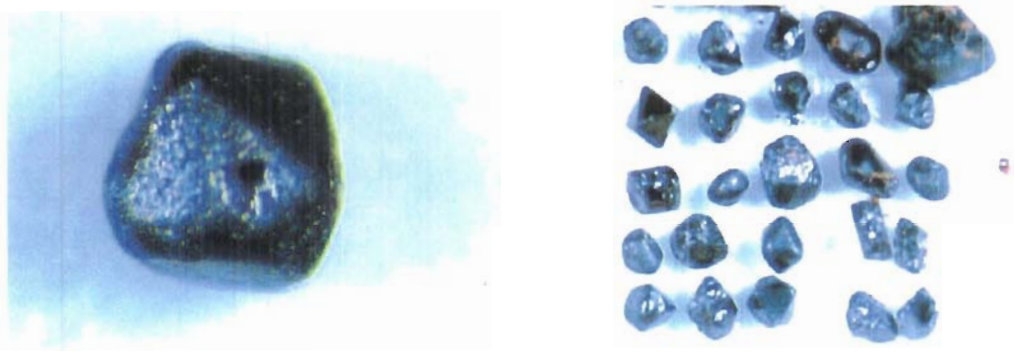


Photo 4 – Chromite from 32095 (left) typical kimberlitic and from 40278 (right) probably mixture of kimberlitic and non kimberlitic.

Chrome diopsides are present in small numbers. They are light green colors and subangular to subrounded shapes. Most of these grains may be from non-kimberlitic source but there are few grains with intensive emerald green colors typical of kimberlitic origin.

Olivines were found sporadically in a few samples. They are rounded shapes and light beige colors with coarse etching on their surfaces. They are probably kimberlitic.

The background of the observed sample concentrates consists mainly of pyroxene, rock fragments, amphibole, epidote and hematite. The other minerals present in concentrates are sphene, staurolite, monazite, corundum, etc. A few samples contain trace amounts of pyrite and chalcopyrite. Sample 40268 contained about 90% of common ilmenite in background! The rock fragment consisting of crustal chromite and chrome diopside assemblage was found in sample 40368.

QUALITY CONTROL

As part of the standard quality control about 10% of all observed samples in this batch were double observed by different observer. Samples that were double observed were highlighted in blue on the attached table "The results of the observation".

Total of 19 out of 194 sample concentrates passed double observation. Total of 475 KIM and possible KIM were recovered in the first observation and total of 55 KIM and possible KIM were recovered in second observation.

The total recovery rate for this batch of samples is **89.6%.** The table below shows details for each sample.

The table of Quality Control results

#	*Client #*	*First observation (number of grains)*	*Second observation (number of grains)*	*Recovery rate (%)*
1	**32043**	6	0	100.0
2	**32046**	49	6	89.1
3	**32049**	14	2	87.5
4	**32058**	16	0	100.0
5	**32065**	15	5	75.0
6	**32150**	15	1	93.8
7	**32152**	16	6	72.7
8	**32154**	17	4	81.0
9	**32170**	19	2	90.5
10	**40248**	43	4	91.5
11	**40250**	54	0	100.0
12	**40276**	28	7	80.0
13	**40283**	17	3	85.0
14	**40288**	30	3	90.9
15	**40289**	53	5	91.4
16	**40290**	44	2	95.7
17	**40298**	13	2	86.7
18	**40300**	21	3	87.5
19	**40312**	5	0	100.0
TOTALS		475	55	89.6

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Client: Temex Resources Corp

#	Client #	TeckLab #	Weight (g)		KIM							Hours spent on picking (h)
			Picked (>0.25mm)	Not picked (HM +<0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total	
1	32001	H07-1724	2.0	1.4			31	4			35	1
2	32002	H07-1725	1.9	1.8	2		5	9			16	1
3	32040	H07-1726	3.3	3.7		1	4	11			16	1.5
4	32041	H07-1727	4.5	4.1		1	9	8	1		19	2
5	32042	H07-1728	2.3	1.5	1		13	3			17	1.2
6	32043	H07-1729	2.6	2.1	1		5				6	1
7	32044	H07-1730	2.5	1.8			8	7			15	1
8	32045	H07-1731	3.0	1.9	1	2	17	3			23	1
9	32046	H07-1732	5.2	3.4	9	2	32	9	1	2	55	3
10	32047	H07-1733	6.4	9.8	13	2	30	15	6		66	4.1
11	32048	H07-1734	9.1	16.9	14	2	39	19	1	1	76	5.1
12	32049	H07-1735	1.2	1.1	1		7	8			16	0.6
13	32050	H07-1736	2.2	3.1	1		11	20	1		33	1.5
14	32051	H07-1737	4.0	2.9	1		8	17			26	2
15	32052	H07-1738	2.1	1.7	1		4	10			15	1
16	32053	H07-1739	2.7	3.2			11	16	1		28	1.2
17	32054	H07-1740	2.5	1.8		1	1	13			15	1.2
18	32055	H07-1741	5.3	2.8	3	1	16	5	2		27	2.5
19	32056	H07-1742	1.0	0.4			3				3	0.5
20	32057	H07-1743	3.2	1.3			3				3	1.4
21	32058	H07-1744	3.8	3.1			5	11			16	2
22	32059	H07-1745	5.8	2.8		1	10	10			21	2.8
23	32060	H07-1746	1.7	1.3			4	6	2		12	1
24	32061	H07-1747	5.2	3.7		1	10	13	11		35	2.5
25	32062	H07-1748	9.7	7.4	2		21	8	3		34	4.4
26	32063	H07-1749	4.4	5.6	1		5	8	1		15	2.1
27	32064	H07-1750	4.6	1.7	2		11	6	3		22	2.1
28	32065	H07-1751	11.2	6.6	7	1	8	4			20	5.3

Client: Temex Resources Corp

#	Client #	TeckLab #	Weight (g)		KIM							Hours spent on picking (h)
			Picked (>0.25mm)	Not picked (HM +<0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total	
29	32066	H07-1752	16.2	4.7			9	5	2		16	7.3
30	32067	H07-1753	4.2	0.1			6	6			12	2
31	32068	H07-1754	5.2	2.1	2	1	2	1	1		7	2.5
32	32092	H07-1755	10.7	5.5	1	1	3	8	1		14	4.5
33	32093	H07-1756	5.2	3.4	2		10	5			17	2.5
34	32094	H07-1757	5.8	1.7	1		6	4			11	2.8
35	32095	H07-1758	3.5	2.3		1	11	3			15	1.5
36	32096	H07-1759	2.5	1.6			2	5			7	1.2
37	32144	H07-1760	15.2	7.4			2	6			8	6.5
38	32145	H07-1761	3.1	1.7	1		3	11	1		16	1.5
39	32146	H07-1762	2.7	2.3	2		4	3	1		10	1.2
40	32147	H07-1763	6.9	2.8	1		10	8			19	3.2
41	32148	H07-1764	2.5	1.4	3		1	7	1		12	1.2
42	32149	H07-1765	2.5	1.3		1	3	10		1	15	1.2
43	32150	H07-1766	3.3	1.8	3	1	5	7			16	1.6
44	32151	H07-1767	2.1	1.1	2		2	5			9	1
45	32152	H07-1768	3.0	2.0	2	1	13	5	1		22	1.5
46	32153	H07-1769	0.9	0.6			5	1	2		8	0.6
47	32154	H07-1770	3.0	1.6			7	2	1		10	1.5
48	32155	H07-1771	5.1	4.8	1		10	13	1		25	2.6
49	32156	H07-1772	4.8	2.2			9	7		1	17	2.3
50	32157	H07-1773	7.5	4.8	3	2	7	12	1		25	3.3
51	32158	H07-1774	5.7	4.5	5		9	17			31	3
52	32159	H07-1775	6.2	2.3			11	10			21	3.1
53	32160	H07-1776	3.2	1.8		1	1	5	1		8	1.5
54	32161	H07-1777	6.3	3.6	1	1	1	4	3		10	3
55	32162	H07-1778	3.4	1.5			3	2			5	1.5
56	32163	H07-1779	1.6	1.9		1	1	2	1		5	1
57	32164	H07-1780	4.8	1.5	3	1	8	20	1		33	2.4
58	32165	H07-1781	5.9	3.2	2		11	9	1		23	3

Client: Temex Resources Corp

#	Client #	TeckLab #	Weight (g)		KIM							Hours spent on picking (h)
			Picked (>0.25mm)	Not picked (HM +<0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total	
59	32166	H07-1782	3.0	1.5			1	6			7	1.5
60	32167	H07-1783	5.9	3.7	2	1	5	19	2		29	3
61	32168	H07-1784	5.4	4.6		1	12	8	3		24	2.8
62	32169	H07-1785	3.0	1.6	1	1	8	8	3		21	1.5
63	32170	H07-1786	3.7	6.2			5	1			6	1.5
64	32151	H07-1787	4.9	2.7	4	3	10	3			20	3
65	32152	H07-1788	3.4	3.0	1	1	7	6	2		17	1.6
66	32153	H07-1789	7.4	5.1	3		19	9			31	4
67	32154	H07-1790	3.6	3.4	3	1	11	6			21	2.5
68	32155	H07-1791	2.7	5.2	5		4	3	1		13	1.4
69	32156	H07-1792	4.8	6.8	1	1	1	7			10	2.2
70	32162	H07-1793	4.5	3.9	3		12	4			19	2.2
71	32163	H07-1794	5.7	6.3	11	2	36	8	2		59	2.8
72	32164	H07-1795	6.2	5.5	3	2	5	5			15	2.5
73	32165	H07-1796	10.7	8.8	17	6	129	38	1		191	6.3
74	32166	H07-1797	3.1	3.5	9	6	48	8	2		73	2
75	32167	H07-1798	0.9	0.9	2		4	5			11	0.5
76	32168	H07-1799	1.0	0.8		1	3	5			9	0.5
77	32169	H07-1800	1.7	0.2	2		22	5			29	1
78	32170	H07-1801	4.3	3.2	3	1	6	11			21	2.1
79	32171	H07-1802	4.0	4.2		1	2	7			10	2
80	32172	H07-1803	3.9	3.0	1		8	14	1		24	2
81	32173	H07-1804	7.1	6.3	6	1	2	2			11	3.2
82	32174	H07-1805	0.8	1.4	2		6	1			9	0.2
83	32175	H07-1806	2.7	2.5	2		11	9			22	1.5
84	32176	H07-1807	2.4	3.6	2		11	3	2		18	1.2
85	32180	H07-1808	3.3	3.0	2	1	6	7			16	1.5
86	32181	H07-1809	2.8	2.5	5		34	9			48	2
87	32182	H07-1810	3.5	2.1	7		31	11			49	2.5
88	32183	H07-1811	7.7	7.0	2		1				3	3.5

Client: Temex Resources Corp

#	Client #	TeckLab #	Weight (g)		KIM							Hours spent on picking (h)
			Picked (>0.25mm)	Not picked (HM +<0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total	
89	32187	H07-1812	0.9	1.0	2		3	1			6	0.5
90	32188	H07-1813	3.4	2.9			9	3			12	1.5
91	32189	H07-1814	3.3	2.9	8	3	11	5			27	1.7
92	40204	H07-1815	4.7	1.1	3		21	10	2	1	37	2.4
93	40205	H07-1816	11.2	7.3	15	1	9	8	5		38	5.1
94	40206	H07-1817	3.8	4.2	15	11	78	6	1		111	3
95	40207	H07-1818	8.9	9.5	10	4	9	6	4		33	4.2
96	40208	H07-1819	5.5	5.1	7	2	34	11	2	3	59	3.2
97	40209	H07-1820	5.3	4.5	2	1	15	6	2		26	2.6
98	40210	H07-1821	5.0	1.5	8	6	32	10	1		57	3.1
99	40211	H07-1822	2.4	2.6	1	1	13	4	1		20	1
100	40212	H07-1823	0.3	0.6	2		2				4	0.2
101	40213	H07-1824	9.2	11.7	21	7	24	6	6	1	65	5.2
102	40214	H07-1825	5.8	9.2	28	6	69	4	3		110	4
103	40215	H07-1826	6.7	3.9	8	3	48	17			76	4
104	40216	H07-1827	1.8	1.5	3		28	5		1	37	1
105	40217	H07-1828	1.8	2.3	1		6	4	1		12	1
106	40244	H07-1829	0.8	0.6				4			4	0.5
107	40246	H07-1830	1.1	1.0			2	1	1		4	0.5
108	40247	H07-1831	5.0	2.4	4	2	18	30	1		55	3
109	40248	H07-1832	2.7	1.0	3	1	14	29			47	1.2
110	40249	H07-1833	2.6	1.5				10			10	1.2
111	40250	H07-1834	4.4	4.6	3		29	21	1		54	3.5
112	40251	H07-1835	4.2	4.6	2		18	20			40	3
113	40252	H07-1836	4.1	2.3	3		6	9			18	2
114	40253	H07-1837	4.3	2.3	2		9	14			25	2.2
115	40254	H07-1838	4.7	6.6	2	1	5	4	1		13	2.1
116	40255	H07-1839	4.1	2.3	1		1	6			8	2
117	40256	H07-1840	3.4	2.3	4	1	9	3			17	1.8
118	40257	H07-1841	6.3	3.5	3		12	5			20	3

Client: Temex Resources Corp

#	Client #	TeckLab #	Weight (g)		KIM							Hours spent on picking (h)
			Picked (>0.25mm)	Not picked (HM +<0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total	
119	40264	H07-1842	8.1	5.2	1		2	8	1		12	4
120	40265	H07-1843	124.7	70.7	4						4	21.4
121	40266	H07-1844	7.7	7.6	1	2	11	10	2		26	3.5
122	40267	H07-1845	13.4	12.3	2	1		24	1		28	6.1
123	40268	H07-1846	30.6	10.5				7		1	8	12.6
124	40269	H07-1847	8.4	7.6				12	2		14	3.3
125	40270	H07-1848	8.3	3.5	1		5	7	3	2	18	4
126	40275	H07-1849	6.1	4.1	7	2	14	11	3		37	3
127	40276	H07-1850	6.9	7.9	2		14	18	1		35	3.5
128	40277	H07-1851	3.0	2.8	2		8	9			19	1.5
129	40278	H07-1852	6.4	2.3	1	1	49	69	1		121	5.1
130	40279	H07-1853	6.0	2.7	5	2	41	48	2	1	99	4
131	40280	H07-1854	3.1	1.7	5		8	5	1	2	21	1.5
132	40281	H07-1855	5.1	4.5	1	1	3	4	2	1	12	2.2
133	40282	H07-1856	2.9	2.4			23	13	1		37	1.5
134	40283	H07-1857	2.9	1.3	5	2	4	8		1	20	1.5
135	40285	H07-1858	5.9	5.0	1	3	11	9		1	25	3
136	40286	H07-1859	2.7	1.3	2		9	15	1		27	1.2
137	40287	H07-1860	2.1	1.2	6		6	10	1		23	1
138	40288	H07-1861	2.2	1.2	1	4	11	16	1		33	2.5
139	40289	H07-1862	3.2	1.7	5	1	26	24	2		58	2.5
140	40290	H07-1863	2.0	1.3	1	2	28	13	2		46	1.5
141	40298	H07-1864	1.7	1.1	1	1	6	6	1		15	1.0
142	40299	H07-1865	3.2	1.6	2	4	18	23	6		53	2.0
143	40300	H07-1866	1.8	1.2	1	2	11	10			24	1.0
144	40301	H07-1867	1.0	0.8	2		3	3	1		9	0.6
145	40302	H07-1868	1.4	1.0	1		7	7			15	1.0
146	40303	H07-1869	2.6	2.8	2	2	6	14	1	1	26	1.3
147	40304	H07-1870	15.0	0.3	1		4	10			15	6.1
148	40305	H07-1871	2.4	1.4	3		5	15			23	1.5

Client: Temex Resources Corp

#	Client #	TeckLab #	Weight (g)		KIM							Hours spent on picking (h)
			Picked (>0.25mm)	Not picked (HM +<0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total	
149	40306	H07-1872	3.7	1.6	5		13	17	2		37	1.6
150	40307	H07-1873	4.0	0.6	2	1	21	24	1		49	2.0
151	40308	H07-1874	2.6	1.9	3		13	12	2		30	1.5
152	40309	H07-1875	2.3	1.3		1	9	7	1		18	1.0
153	40310	H07-1876	1.9	0.6			1				1	1.0
154	40311	H07-1877	4.1	0.5	1	1	12	15	1		30	2.5
155	40312	H07-1878	0.6	0.1			5				5	0.5
156	40313	H07-1879	3.9	2.5	3	1	22	27	1		54	2.0
157	40314	H07-1880	4.8	2.3	4	1	9	15	3		32	2.5
158	40315	H07-1881	3.4	2.2	9	1	15	12	2		39	2.0
159	40316	H07-1882	0.9	0.5	1		1	1			3	0.5
160	40317	H07-1883	1.4	1.0	2	3	1	4	2		12	0.6
161	40365	H07-1884	1.7	1.6			2	5			7	1.0
162	40366	H07-1885	2.2	1.5	2		8	5			15	1.0
163	40367	H07-1886	1.2	1.2	2	1	4	6	2		15	0.6
164	40368	H07-1887	2.1	1.7			3	14	1		18	1.0
165	40369	H07-1888	0.6	0.5		1	9	5	1		16	0.5
166	40412	H07-1889	4.6	3.0	7	2	44	9	1		63	3.1
167	40413	H07-1890	3.0	2.1	3	4	27	11	2		47	2.0
168	40414	H07-1891	3.5	2.3	2		17	13		1	33	1.8
169	40415	H07-1892	4.6	4.2		1	12	19	1	1	34	2.0
170	40416	H07-1893	2.1	1.3	1	2	12	12	2		29	1.0
171	40417	H07-1894	6.4	4.0	2	3	36	16			57	3.5
172	40418	H07-1895	4.9	3.8	2	3	44	16	3		68	2.5
173	40419	H07-1896	2.3	1.8	1		24	11			36	1.5
174	40420	H07-1897	1.2	0.9			12	8	1		21	0.6
175	40421	H07-1898	3.1	2.3	9	1	43	18			71	2.5
176	40424	H07-1899	12.6	3.0	2	3	6	10	2		23	7.0
177	40425	H07-1900	6.4	5.0	1	3	8	8	1		21	3.2
178	40426	H07-1901	1.8	0.5	1		1				2	0.6

The results of the KIM observation
Client: Temex Resources Corp

#	Client #	TeckLab #	Weight (g)		KIM							Hours spent on picking (h)
			Picked (>0.25mm)	Not picked (HM +<0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total	
179	40427	H07-1902	3.8	1.1		2	36	56	2	1	97	3.0
180	40428	H07-1903	1.6	1.4		1	11	5	3		20	1.0
181	40429	H07-1904	6.5	14.3	9		21	24			54	4.2
182	40430	H07-1905	3.6	3.3	4		35	12			51	2.0
183	40431	H07-1906	3.0	2.5	3	1	21	7	1		33	1.5
184	40434	H07-1907	3.6	2.5	3	4	40	12			59	2.7
185	40437	H07-1908	8.2	3.2	1	2	12	19	2		36	4.0
186	40439	H07-1909	6.5	2.9	3	3	50	18			74	4.0
187	40440	H07-1910	1.9	2.8		2	14	12	1		29	1.0
188	40441	H07-1911	3.5	2.8	1	2	18	7	1		29	1.8
189	40442	H07-1912	3.7	2.2	4	2	43	11			60	3.0
190	40443	H07-1913	3.7	3.5	3		45	14			62	2.0
191	40444	H07-1914	6.0	5.0	2	3	13	3			21	3.0
192	40445	H07-1915	2.9	1.9	1		10	7			18	1.5
193	40446	H07-1916	4.4	2.8	2	1	19	13			35	2.2
194	40447	H07-1917	3.3	2.1	2		29	11	2		44	1.6
TOTAL			973.1	674.8	524	193	2684	1915	184	24	5524	458.7

1	*blue pen marks possible KIM (needs testing)*
32038	*double observed samples (Q/C)*

APPENDIX E

KIM Dynamics Study

Abundance and Visual Features of Kimberlitic Indicator Minerals as Guides To Proximity of Kimberlitic Source(s)

KIM Dynamics
diamond exploration mineral services

Client: ***Temex Resources Corp.***

To: ***Karen Rees***, Mgr Exploration, Temex Resources Corp., Suite 901, 141 Adelaide St. West, Toronto, Ontario, M5H 3L5

From: ***Maja Kiridzija*** Mineralogist, KIM Dynamics Inc., #802-West 15th Street, North Vancouver, B.C. V7M 1R8

Date: ***June 27, 2007***

Invoice 7

ABUNDANCE AND VISUAL FEATURES OF KIMBERLITIC INDICATOR MINERALS AS GUIDES TO PROXIMITY OF KIMBERLITIC SOURCE(S) – SECOND PART

By

Maja Kiridzija, M.Sc.,
Mineralogist/Geologist

Summary

Based on study of abundance, KIM proportions, size distribution, colour, morphology and abrasion of 5532 kimberlitic indicator minerals, mainly peridotitic and eclogitic garnet and picroilmenite, collected from 194 till samples (Temex Resources Corp), the multiply kimberlite sources may be present on the exploration area.

Small counts of total KIM grains and predominance of well abraded peridotitic/eclogitic garnets and fractured picroilmenites suggest substantial influence of distal kimberlite(s) on the explored area.

Large proportions of picroilmenite and chromite in examined samples indicate abundance of these grains in the host rock(s).

Presence of "similar to G10" peridotitic garnets and unabraded eclogitic garnets suggest peridotitic and eclogitic diamond potential in their source kimberlite(s).

Possible diamond bearing proximal kimberlite(s) may be located up-ice samples: 40163, 40165, 40206 40207 and 40214.

Possible diamond bearing distal kimberlite(s) may be located up-ice samples: 32048, 40205, 40213, 40278, 40427 and 40439.

All other dispersed KIM grains have features that reflect influence of both, proximal and distal kimberlites.

1. *Introduction*

In May 2006, total of 194 heavy mineral concentrates from Temex Resources Corp., was observed under binocular microscope in order to pick out any possible kimberlitic indicator minerals (*Kiridzija, 2007*). Total of 5532 KIMs were collected, including 524 peridotitic garnets, 193 eclogitic garnets, 2665 picroilmenites, 1937 chromites, 189 chrome diopsides and 24 olivines (***Table 1***).

In order to possibly determine the proximity of kimberlitic source(s), the detailed microscopic examination of these mineral grains was undertaken. This study included and discussed three categories:

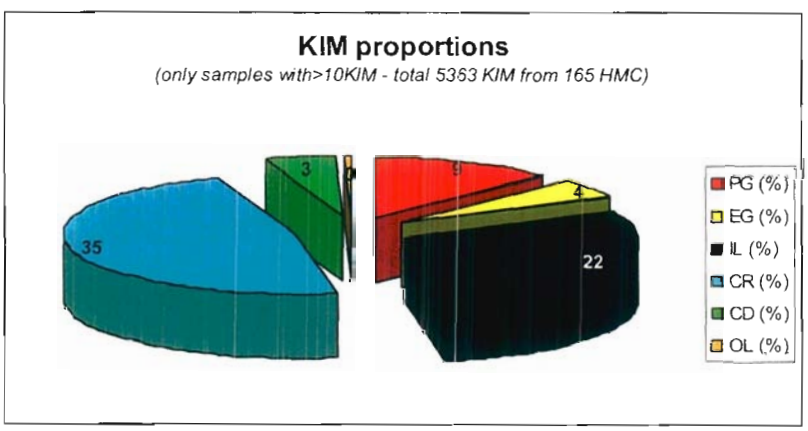
1. The abundance and proportions of all KIM;
2. The abundance, colour, size distribution and abrasion of peridotitic and eclogitic garnets;
3. The abundance and morphological groups of picroilmenites.

The graphical presentations for each of the above categories are shown on the ***Graphs 1–10***. *Note that, for the sake of simplicity, most of the graphs considered only data with over 10 or 20 grains.*

2. *Results*

2.1. *The abundance of all KIM and their proportions*

Table 2 shows amounts and proportions of KIM in samples with >10 grains. Peridotitic garnets make 9%, eclogitic garnets 4%, picroilmenites 22%, chromites 35%, chrome diopside 3% and olivine 0% characterizing the observed concentrates as chromite and picroilmenite rich. However, maximum number of chromite in a single sample is 69 and picroilmenite is 124. Chromites are spread all over samples indicating their wide dispersion on the exploration area.



Graph 1 displays all KIM abundance in 159 samples with >10KIM. Graph shows presence of four "kicker" samples: 40165, 40206, 40214 and 40278 that contain >100 KIM grains. The other high counts are in samples 32048, 40427 and 40439 with >70 KIM.

In comparison to last year samples which contained over 400 KIM (*see Report on visual features, Kiridzija 2006*) these "kickers" are low in total KIM numbers.

Graph 2 shows proportions of picroilmenites, chromites and peridotitic garnets in samples with >10 grains. Picroilmenites and chromites predominate over peridotitic garnet except in sample 32173 (total 11 KIM) which has 55% PG.

There are two areas with steady predominance of picroilmenites over chromite: 32181-40216 and 40412- 40447. The first one represents the "kicker" samples with >100 KIM and second represents the high counts samples with >70 KIM (***Graph 1***).

All other areas are switching from chromites to picroilmenites predominance from sample to sample.

Different KIM proportions may indicate presence of two different types of kimberlites: with picroilmenite and chromite dominance.

2.2. Peridotitic garnets

2.2.1. The abundance and colour

Table 3 shows amounts of peridotitic garnet grains, number of bright pink garnets ("similar to G10") and their percentage in each of the 147 samples. *The procedure included colour comparison of each peridotitic garnet with the chemically proven Gurney's "G10" garnet from the internal references.*

Total of 124 grains out of 525 or 24% of collected peridotitic garnets have colour similar to G10, signifying that possible diamond bearing kimberlitic source may be supplier for these indicators.

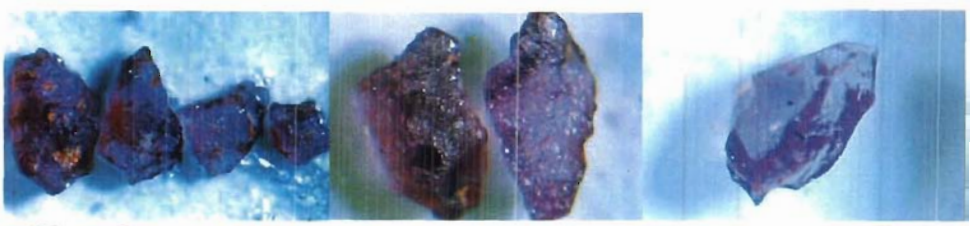


Photo 1 – *"Similar to G10"unabraded 40429 left, slightly abraded 40280 middle and well abraded 40205 right.*

Graph 3 shows abundance of peridotitic and "similar to G10" garnets among individual samples. More than 5 grains of "similar to G10" garnets are present in 40206, 40213 and 40214 that appear to be samples with high counts of peridotitic garnets.

Graph 4 shows percentage of "similar to G10" garnets in samples with >10 PG. Based on these two graphs, the most favourable diamond potential is in kimberlitic source(s) of peridotitic garnets from samples **40205** (38 KIM, 15 PG), **40206** (111 KIM, 15 PG), **40213** (65 KIM, 21 PG) and **40214** (110 KIM, 28 PG) that contain >30% of 'similar to G10" garnets.

2.2.2. The size distribution

Table 4 shows the amounts of peridotitic garnet in two size fractions, >0.3mm, and <0.3mm. *These numbers were taken from the sample sheets that record concentrate weights and number of collected indicators in each size fraction (Kiridzija, 2007).* The figures are presented to show predominance of coarse (>0.3mm) or fine (0.30-0.25mm) size grains in each sample. According to some authors the abundance of coarse size indicator grains is a signature for proximity of the source. (*Gurney J, pers. com.*). In the examined samples the coarse and fine size peridotitic garnets are almost equal with 59% and 41% respectively suggesting strong influence of distal kimberlitic source(s) at the exploring area.

Graph 5 shows distribution of coarse/fine size fractions in 9 samples with >10 grains. The coarse peridotitic garnet dominate in most samples except in **40163** and **40205** where fine size fraction slightly exceeds implying more distal then proximal kimberlitic source.

2.2.3. The degree of surface abrasion

In order to possible determine proximity of the kimberlitic source on the exploring area the thorough grain-by grain examination of the 524 grains of peridotitic garnet was carried out on the 0.5 mm–0.25m size range. Each grain was carefully examined and categorised as unabraded, slightly abraded or well abraded using several criteria (***Table 5***):

- The preservation of kelyphitic rim or kimberlitic patches on the grain surface,
- The number and sharpness of the fractured edges,
- The freshness of the resorption surface textures as "orange peel", frosted surface or "etching".

Division into three instead of two abrasion groups in this report was caused by large presence of well abraded grain that were not present in the previous study (*see Report on visual features, Kiridzija 2006*)

The presence of delicate kelyphitic rims or patches of kimberlite, unabraded resorption textures or razor-sharp fractured edges on the peridotitic garnets indicate short distance from their kimberlitic source. Therefore, non fractured grains covered with >50% of kelephytic rim or delicate resorption or razor sharp fractured edges have been characterized as unabraded (***Photo 2***). Fractured grains with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges have been characterized as slightly abraded (***Photo 3***). Completely fractured grains with not preserved surface and worn out fractured edges have been characterized as well abraded as an indication of distal source (***Photo 4***).

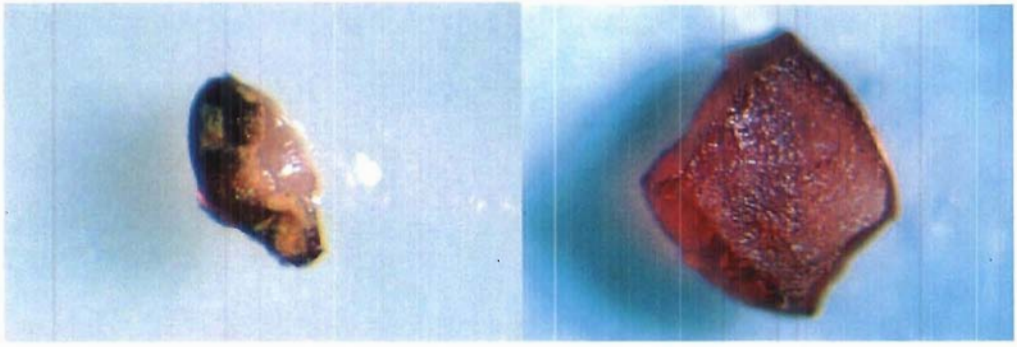


Photo 2 - *Unabraded PG with >50% preserved kelephytic rim (40163) and delicate resorption (40431)*

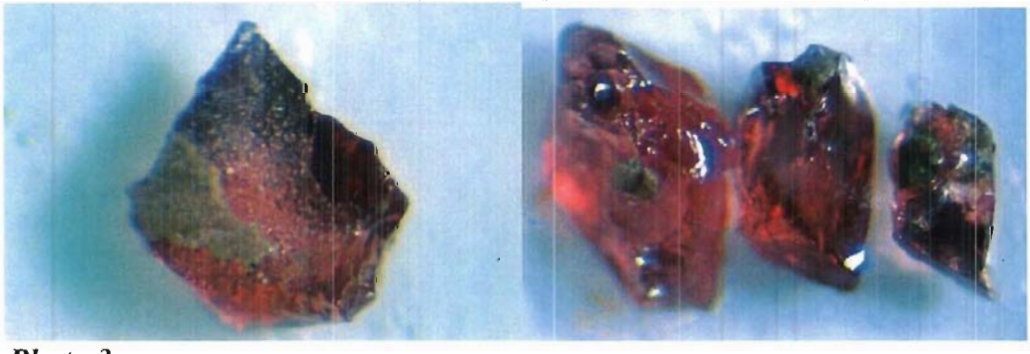


Photo 3– *Slightly abraded fractured PG with<50% preserved kelephytic rim (32047) and with specs of kelephytic rims (32065)*

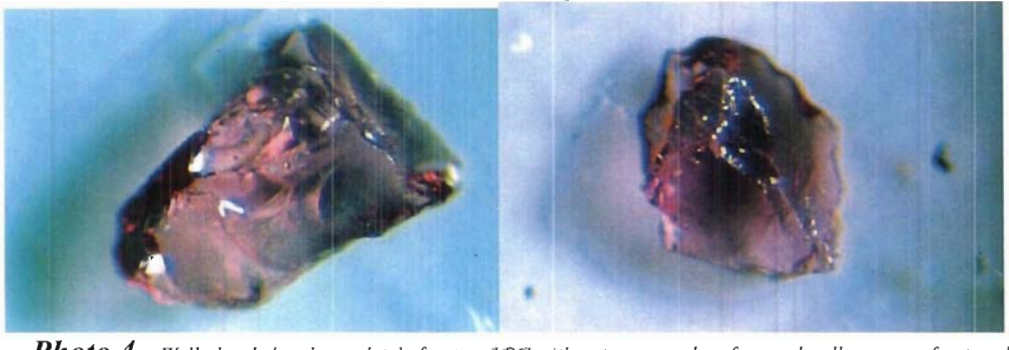


Photo 4 – *Well abraded and completely fractured PG with not preserved surface and well worn out fractured edges (40213 – left) and 40165 (right)*

Table 6 shows that almost each sample contains a few well abraded grains. There is only 16% unabraded, 34% slightly abraded and 50% well abraded peridotitic garnets present in observed samples.

Total of 84 peridotitic garnets are not fractured and covered with >50% of kelephytic rim or resorption. *Note that dominating surface feature on these grains is fine resorption while "orange peel" and "etching" are almost absent.*

Total of 180 peridotitic garnets are not fractured or fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges.

Total of 259 peridotitic garnets are completely fractured with not preserved surface and worn out fractured edges. High number of well abraded peridotitic garnets indicates domination of distal kimberlitic source on the exploring area.

Graph 6 shows distribution of unabraded, slightly abraded and well abraded peridotitic garnets in 9 samples with >10 grains. There are only two samples: **40163** (59 KIM, 11 PG) and **40207** (33 KIM, 10 PG) with 40%-45% of unabraded grains indicating possible proximal source. However, significant presence of unabraded + slightly abraded grains defined three areas with possible proximal source(s) up-ice samples: **32047**, **40163-40165** and **40206 – 40207.**

On the other side, samples 32048, 40205 and 40213 have >50% of well abraded peridotitic garnets indicating long transportation for the studied grains.

2.3. Eclogitic garnets

2.3.1 Abundance and colour

There are total of 193 grains of eclogitic and possible eclogitic garnets in 96 samples. ***Table 7*** shows that maximum number of these grains is 11 (40206) while all other samples have <6 eclogitic garnets.

The colours of eclogitic garnets varies from light orange to deep orange and reddish orange suggesting presence of possible megacrysts. The geochemistry of these grains should confirm their kimberlitic derivation and possible relation with diamond content.

2.3.2. The size distribution

Graph 7 shows distribution of coarse/fine size fractions in 6 samples with >5 grains. The coarse eclogitic garnet dominate in samples **40206**, **40213** and

40165 suggesting possible proximal source for these eclogitic garnets. The other three samples, 40214, 40166 and 40210 have equal percentage of coarse and fine size fractions implying mixture of proximal and distal sources for these eclogitic garnets.

2.3.3. The degree of surface abrasion

Criteria for the surface abrasion of eclogitic garnets are the same as for peridotitic. Therefore, three abrasion groups: unabraded, slightly abraded and well abraded, have been considered during examination of surface features on eclogitic garnets. ***Table*** *7* shows grain by grain examination of the eclogitic garnets.

Table 8 shows that almost each sample contains a few well abraded grains. There is only 10% unabraded, 33% slightly abraded and 57% well abraded eclogitic garnets present in observed samples. These percentages are very similar to peridotitic garnets (*see Table 6*).

Total of 19 eclogitic garnets are not fractured and covered with >50% of kelephytic rim or resorption (***Photo 5***).

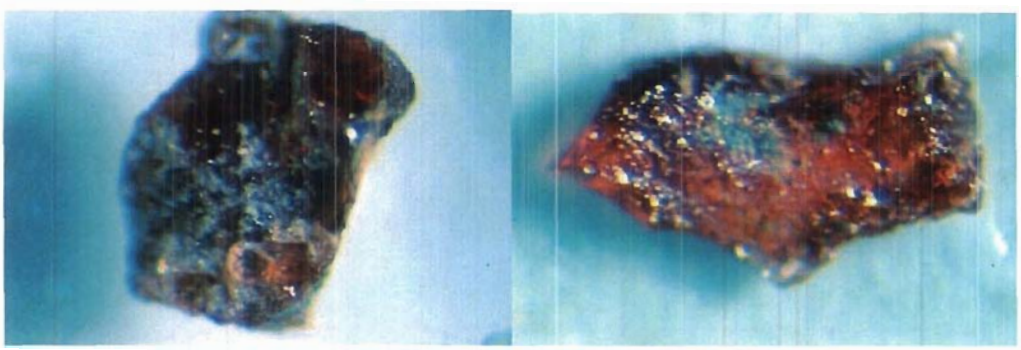


Photo 5 - *Unabraded EG covered with thin layer of source rock (40446 left and 40425 right)*

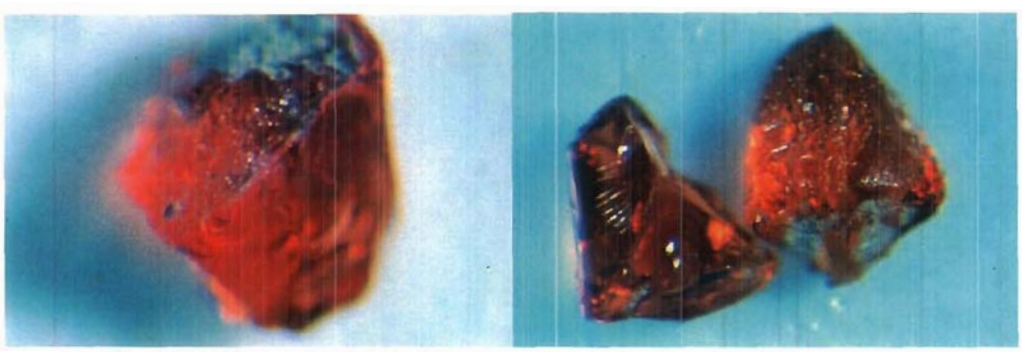


Photo 6 - *Slightly abraded fractured EG with patch of surface layer and slightly abraded fractured edges (40164 left and 40290 right)*

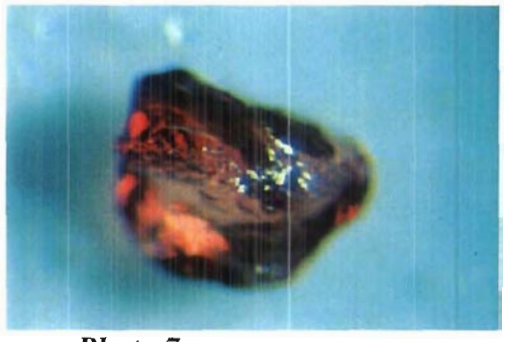


Photo 7 - *Well abraded EG (40211)*

Total of 62 eclogitic garnets are fractured with specs of kelephytic rim or slightly abraded fractured edges (***Photo 6***).

Total of 109 eclogitic garnets are completely fractured with not preserved surface and worn out fractured edges (***Photo 7***). High number of well abraded eclogitic garnets suggests distal kimberlitic source for these grains

Graph 8 shows number of eclogitic garnets and distribution of unabraded eclogitic garnets in 96 samples. The "kicker" sample 40206 has 3 out of 11 eclogitic garnets with no signs of abrasion, indicating possible proximal source for these grains. Besides random and single appearance of unabraded grains, there are three areas with clusters of unabraded eclogitic garnets: 40165–40206, 40279-40288 and 40425-40434. It is possible that these three areas may have proximal supplier for these grains.

All other eclogitic garnets are slightly or well abraded indicating longer transportation for the studied grains.

2.4. Picroilmenite

2.4.1. Abundance and morphological groups

Based on the detailed visual examination of 2664 grains of picroilmenite, four morphological groups appeared (***Photo 8***):

Photo 8 – *Four morphologically different picroilmenites from 40439: fractured, matte, "bumpy" with yellow coating and polygranular.*

1) Fractured or shards with brittle, sharp or worn-out edges, conchoidal fractures and with no surface preservation (***Photo 9***).

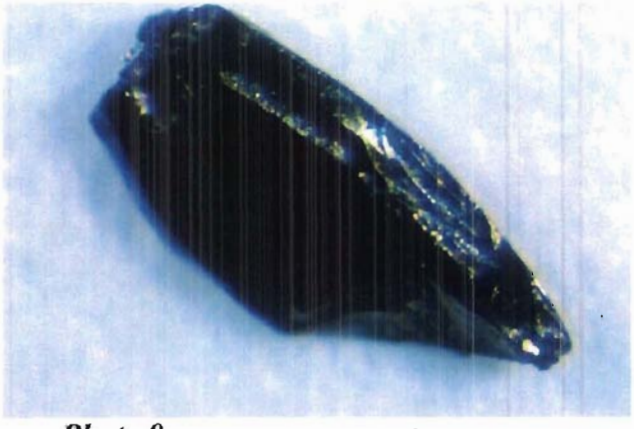


Photo 9 – *Fractured picroilmenite from sample 40215*

2) Subrounded to subangular with smooth or matte surface and metallic lustre. These picroilmenite may be fractured but they still have preserved metallic surface (***Photo 10***).

Photo 10 – *Subrounded picroilmenite with matte and metallic surface from sample 40206*

3) Coated with "bumpy surface" that is usually covered with leucoxene/rutile/anatase coatings. These grains are rounded, subrounded or fractured but with preserved coatings or only "bumpy" surface (***Photo 11***).

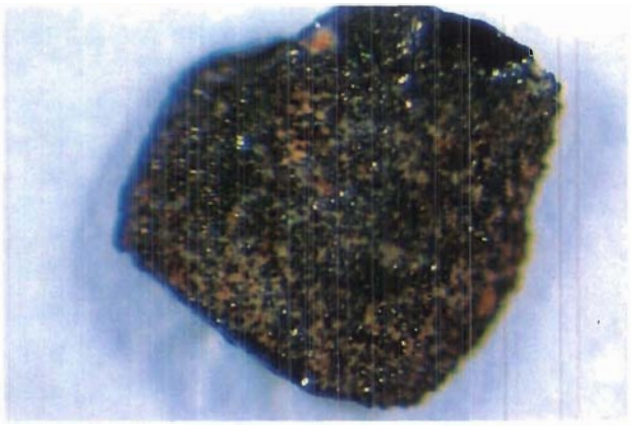


Photo 11 – *Rounded picroilmenite with "bumpy" surface coated with leucoxene from sample 40444*

4) Polygranular with matte or "bumpy" surface or fractured without surface preserved. These grains are result of multiple growth of picroilmenite (***Photo 12***).

Photo 12 - *Polygranular and fractured picroilmenite with coatings from sample 40169*

Graph 9 shows abundance of picroilmenite in 186 observed samples. There is an only one picroilmenite "kickers" sample **40165** with more than 100 grains (***Photo 13***). Comparing to previous report where 'kicker" picroilmenite samples counted >400 grains these samples are low in total numbers of picroilmenite (*see Report on visual features, Kiridzija, 2006*).

Photo 13 – *Sample 40165 and four picroilmenites representative for the four morphological groups: fractured, matte, "bumpy" and polygranular (from left to right).*

It is interesting that picroilmenite "kickers" are the same as all KIM "kickers" (see *Graph 1*) indicating that picroilmenite is the lead indicator in observed samples.

Table 9 shows how many grains of each morphological group were found in each sample. Total of 1440 grains are fractured, 463 are with preserved matte/metallic surface, 561 are coated with "bumpy surface" and 200 grains are polygranular. The predominant morphological form of picroilmenite in these samples is fractured grain with no preserved surfaces. Note that in previous report predominant group was subrounded to subangular picroilmenite with smooth or matte surface and metallic lustre (*see Report on visual features, Kiridzija, 2006*).

The fractured picroilmenites with worn out fractured edges make 54% of total amount of picroilmenite.

Graph 10 displays proportions of four morphological groups of picroilmenite in 43 samples with >20 grains. It is obvious that fractured picroilmenites predominate in almost all samples. In terms of "freshness" these grains are considered as well abraded as their fractured edges are worn out.

On the other side preserved coatings and "bumpy" surface are considered as "unabraded" features on picroilmenites and evidence of source proximity. The highest amount of these grains are present in sample **40204** (48%) and **40215** (46%) suggesting possibly close picroilmenite source.

3. *Discussion*

- The abrasion study of the 525 grains of peridotitic garnets, 190 grains of eclogitic garnets and 2664 grains of picroilmenite from 194 till sample concentrates showed possibility of multiple kimberlite(s) presence up-ice of the observed till samples.

- Proximal source(s) may be located up-ice samples 40163, 40165, 40206 40207 and 40214. This source(s) is indicated by high KIM counts, significant percentages of unabraded peridotitic/eclogitic garnets and predominance of coarse size fractions of garnets.

Possible proximal source(s)

Features/Samples	*40163*	*40165*	*40206*	*40207*	**40214**
abundance KIM	59	191	111	33	110
abundance PG	11	17	10	10	28
IL/CR/PG	IL	IL	IL	PG	IL
coarse/fine PG	fine	coarse	coarse	coarse	coarse
coarse/fine EG	none	coarse	coarse	none	coarse
similar to G10	9%	24%	40%	20%	29%
unabraded PG	45%	none	none	40%	29%
unabraded EG	none	17%	27%	none	none
picroilmenite	matte	fractured	fractured	fractured	fractured

This source(s) is probably rich in picroilmenite with various amounts of peridotitic/ eclogitic garnet chromite and chrome diopside. Presence of "similar to G10" garnets in 9%-40% indicates some peridotitic diamond potential of this kimberlite(s). However, fractured and abraded picroilmenites in these samples may be derived from other distal source(s).

Distal source may be located up-ice samples 32048, 40205, 40213, 40278, 40427 and 40439. Although most of them have high KIM counts (>50), these samples contain grains with surface features that indicate their longer transportation from the source.

Possible distal source(s)

Features/Samples	**32048**	**40205**	**40213**	**40278**	**40427**	**40439**
abundance KIM	76	38	65	121	97	84
abundance PG	14	15	21	1	0	3
IL/CR/PG	IL	PG	IL/PG	CR	CR	IL
coarse/fine PG	coarse	fine	coarse	coarse	none	fine
coarse/fine EG	fine/coarse	coarse	coarse	coarse	fine	coarse
similar to G10	21%	33%	38%	none	none	33%
unabraded PG	none	13%	14%	none	none	none
unabraded EG	none	none	none	none	50%	none
picroilmenite	fractured	fractured	fractured	matte	fractured	fractured

This source(s) is made of picroilmenite, peridotitic garnets and chromite. Eclogitic garnet is almost absent. Presence of "similar to G10" garnets indicates good peridotitic diamond potential of this distal source(s).

3. Conclusion

Based on the visual examination of peridotitic and eclogitic garnets and picroilmenites from the Temex samples there are possible:

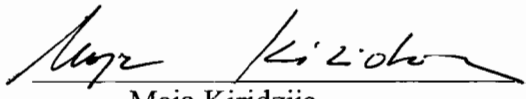
- diamond bearing proximal kimberlite(s) that may be located up-ice samples: 40163, 40165, 40206, 40207 and 40214.
- diamond bearing distal kimberlite(s) that may be located up-ice samples: 32048, 40205, 40213, 40278, 40427 and 40439.

All other dispersed KIM grains have features that reflect influence of both, proximal and distal kimberlites.

References:

Kiridzija, M., 2006, Report on procedure and results of the 194 observed sample concentrates; Internal report, May 12, 2007

Kiridzija, M., 2006, Abundance and visual features of kimberlitic indicator minerals as guides to proximity of kimberlitic source(s); Internal report, May 5, 2006



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#	Sample	Job #	Weight (g)	KIM						
			Picked (>0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total
1	32001	199	2.0			31	4			35
2	32002	199	1.9	2		5	9			16
3	32040	199	3.3		1	4	11			16
4	32041	199	4.5		1	9	8	1		19
5	32042	199	2.3	1		13	3			17
6	32043	199	2.6	1		5				6
7	32044	199	2.5			8	7			15
8	32045	199	3.0	1	2	17	3			23
9	32046	199	5.2	9	2	32	9	1	2	55
10	32047	199	6.4	13	2	30	15	6		66
11	32048	199	9.1	14	2	39	19	1	1	76
12	32049	199	1.2	1		7	8			16
13	32050	199	2.2	1		11	20	1		33
14	32051	199	4.0	1		8	17			26
15	32052	199	2.1	1		4	10			15
16	32053	199	2.7			11	16	1		28
17	32054	199	2.5	1	1	1	13			16
18	32055	199	5.3	3	1	16	5	2		27
19	32056	199	1.0			3				3
20	32057	199	3.2			3				3
21	32058	199	3.8			5	11			16
22	32059	199	5.8		1	10	10			21
23	32060	199	1.7			4	6	2		12
24	32061	199	5.2		1	10	13	11		35
25	32062	199	9.7	2		21	8	3		34
26	32063	199	4.4	1		5	8	1		15
27	32064	199	4.6	2		11	6	3		22
28	32065	199	11.2	7	1	8	4			20
29	32066	199	16.2			9	5	2		16
30	32067	199	4.2			6	6			12
31	32068	199	5.2	2	1	2	1	1		7
32	32092	199	10.7	1	1	3	8	1		14
33	32093	199	5.2	2		10	5			17
34	32094	199	5.8	1		6	4			11
35	32095	199	3.5		1	11	3			15
36	32096	199	2.5			2	5			7
37	32144	199	15.2			2	6			8
38	32145	199	3.1	1		3	11	1		16
39	32146	199	2.7	2		4	3	1		10
40	32147	199	6.9	1		10	8			19
41	32148	200	2.5	3		1	7	1		12
42	32149	200	2.5		1	3	10		1	15
43	32150	200	3.3	3	1	5	7			16

#	Sample	Job #	Weight (g) Picked (>0.25mm)	KIM						
				Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total
44	32151	200	2.1	2		2	5			9
45	32152	200	3.0	2	1	13	5	1		22
46	32153	200	0.9			5	1	2		8
47	32154	200	3.0			7	2	1		10
48	32155	200	5.1	1		10	13	1		25
49	32156	200	4.8			9	7		1	17
50	32157	200	7.5	3	2	7	12	1		25
51	32158	200	5.7	5		9	17			31
52	32159	200	6.2			11	10			21
53	32160	200	3.2		1	1	5	1		8
54	32161	200	6.3	1	1	1	4	3		10
55	32162	200	3.4			3	2			5
56	32163	200	1.6		1	1	2	1		5
57	32164	200	4.8	3	1	8	20	1		33
58	32165	200	5.9	2		21	9	1		33
59	32166	200	3.0			1	6			7
60	32167	200	5.9	2	1	5	19	2		29
61	32168	200	5.4		1	12	8	3		24
62	32169	200	3.0	1	1	8	8	3		21
63	32170	200	3.7			5	1			6
64	32171	200	4.0		1	2	7			10
65	32172	200	3.9	1		8	14	1		24
66	32173	200	7.1	6	1	2	2			11
67	32174	200	0.8	2		6	1			9
68	32175	200	2.7	2		11	9			22
69	32176	200	2.4	2		11	3	2		18
70	32180	200	3.3	2	1	6	7			16
71	32181	200	2.8	5		34	9			48
72	32182	200	3.5	7		31	11			49
73	32183	200	7.7	2		1				3
74	32187	200	0.9	2		3	1			6
75	32188	200	3.4			9	3			12
76	32189	200	3.3	8	3	11	5			27
77	40151	200	4.9	3	3	10	3			19
78	40152	200	3.4	1	1	7	6	2		17
79	40153	200	7.4	3		19	9			31
80	40154	200	3.6	3	1	11	6			21
81	40155	200	2.7	5		4	3	1		13
82	40156	200	4.8	1	1	1	7			10
83	40162	200	4.5	3		12	4			19
84	40163	200	5.7	11	2	36	8	2		59
85	40164	200	6.2	3	2	5	5			15
86	40165	200	10.7	17	6	124	43	1		191
87	40166	200	3.1	9	6	48	8	2		73

#	Sample	Job #	Weight (g) Picked (>0.25mm)	KIM						
				Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total
88	40167	200	0.9	2		4	5			11
89	40168	200	1.0		1	3	5			9
90	40169	200	1.7	2		22	5			29
91	40170	200	4.3	3	1	6	11			21
92	40204	200	4.7	3		21	10	2	1	37
93	40205	200	11.2	15	1	9	8	5		38
94	40206	200	3.8	15	11	77	7	1		111
95	40207	200	8.9	10	4	9	6	4		33
96	40208	200	5.5	7	2	34	11	2	3	59
97	40209	200	5.3	2	1	15	6	2		26
98	40210	200	5.0	8	6	32	10	1		57
99	40211	200	2.4	1	1	13	4	1		20
100	40212	200	0.3	2		2				4
101	40213	200	9.2	21	7	24	6	6	1	65
102	40214	200	5.8	28	6	69	4	3		110
103	40215	200	6.7	8	3	48	17			76
104	40216	200	1.8	3		28	5		1	37
105	40217	200	1.8	1		6	4	1		12
106	40244	200	0.8				4			4
107	40246	200	1.1			2	1	1		4
108	40247	200	5.0	4	2	18	30	1		55
109	40248	200	2.7	3	1	9	29			42
110	40249	200	2.6				10			10
111	40250	200	4.4	3		29	21	1		54
112	40251	200	4.2	2		18	20			40
113	40252	200	4.1	3		6	9			18
114	40253	200	4.3	2		9	14			25
115	40254	200	4.7	2	1	5	4	1		13
116	40255	200	4.1	1		1	6			8
117	40256	200	3.4	4	1	9	3			17
118	40257	200	6.3	3			12	5		20
119	40264	200	8.1	1		2	8	1		12
120	40265	200	124.7	4						4
121	40266	200	7.7	1	2	11	10	2		26
122	40267	200	13.4	2	1		24	1		28
123	40268	200	30.6				7		1	8
124	40269	200	8.4				12	2		14
125	40270	200	8.3	1		5	7	3	2	18
126	40275	200	6.1	7	2	14	11	3		37
127	40276	200	6.9	2		14	18	1		35
128	40277	200	3.0	2		8	9			19
129	40278	200	6.4	1	1	49	69	1		121
130	40279	200	6.0	5	2	35	48	2	1	93
131	40280	200	3.1	5		8	5	1	2	21

#	Sample	Job #	Weight (g)	KIM						
			Picked (>0.25mm)	Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total
132	40281	200	5.1	1	1	3	4	2	1	12
133	40282	200	2.9			23	13	1		37
134	40283	200	2.9	5	2	4	8		1	20
135	40285	200	5.9	1	3	11	9		1	25
136	40286	200	2.7	2		9	15	1		27
137	40287	200	2.1	6		6	10	1		23
138	40288	200	2.2	1	4	11	16	1		33
139	40289	200	3.2	5	1	26	24	2		58
140	40290	200	2.0	1	2	24	16	2		45
141	40298	200	1.7	1	1	6	6	1		15
142	40299	200	3.2	2	4	18	23	6		53
143	40300	200	1.8	1	2	11	10			24
144	40301	200	1.0	2		3	3	1		9
145	40302	200	1.4	1		7	7			15
146	40303	200	2.6	2	2	6	14	1	1	26
147	40304	200	15.0	1		4	10			15
148	40305	200	2.4	3		5	15			23
149	40306	200	3.7	5		13	17	2		37
150	40307	200	4.0	2	1	21	24	1		49
151	40308	200	2.6	3		13	12	2		30
152	40309	200	2.3		1	9	7	1		18
153	40310	200	1.9			1				1
154	40311	200	4.1	1	1	12	15	1		30
155	40312	200	0.6				5			5
156	40313	200	3.9	3	1	22	27	1		54
157	40314	200	4.8	4	1	9	15	3		32
158	40315	200	3.4	9	1	15	12	2		39
159	40316	200	0.9	1		1	1			3
160	40317	200	1.4	2	3	1	4	2		12
161	40365	200	1.7			2	5			7
162	40366	200	2.2	2		8	5			15
163	40367	200	1.2	2	1	4	6	2		15
164	40368	200	2.1			3	14	1		18
165	40369	200	0.6		1	9	5	1		16
166	40412	200	4.6	7	2	44	9	1		63
167	40413	200	3.0	3	4	27	11	2		47
168	40414	200	3.5	2		17	13		1	33
169	40415	200	4.6		1	12	19	1	1	34
170	40416	200	2.1	1	2	12	12	2		29
171	40417	200	6.4	2	3	35	17			57
172	40418	200	4.9	2	3	44	16	3		68
173	40419	200	2.3	1		24	11			36
174	40420	200	1.2			12	8	1		21
175	40421	200	3.1	9	1	43	18			71

#	Sample	Job #	Weight (g) Picked (>0.25mm)	KIM						
				Peridotitic garnet	Eclogitic garnet	Picroilmenite	Chromite	Chrome diopside	Olivine	Total
176	40424	200	12.6	2	3	6	10	2		23
177	40425	200	6.4	1	3	8	8	1		21
178	40426	200	1.8	1		1				2
179	40427	200	3.8		2	36	56	2	1	97
180	40428	200	1.6		1	11	5	3		20
181	40429	200	6.5	9		21	24			54
182	40430	200	3.6	4		35	12			51
183	40431	200	3.0	3	1	21	7	1		33
184	40434	200	3.6	3	4	40	12			59
185	40437	200	8.2	1	2	12	19	2		36
186	40439	200	6.5	3	3	60	18			84
187	40440	200	1.9		2	14	12	1		29
188	40441	200	3.5	1	2	18	7	1		29
189	40442	200	3.7	4	2	43	11			60
190	40443	200	3.7	3		45	14			62
191	40444	200	6.0	2	3	13	3			21
192	40445	200	2.9	1		10	7			18
193	40446	200	4.4	2	1	19	13			35
194	40447	200	3.3	2		29	11	2		44
TOTAL			973.1	524	193	2665	1937	189	24	5532

Notes: 21 *blue pen marks possible KIM (needs testing)*

double observed samples (Q/C)

#	Sample	***Number of grains and perecentage of KIM*** (only samples with >10 KIM grains)												
		Peridotitic garnet	*PG (%)*	*Eclogitic garnet*	*EG (%)*	*Picroilmenite*	*IL (%)*	*Chromite*	*CR (%)*	*Chrome diopside*	*CD (%)*	*Olivine*	*OL (%)*	*To*
1	**32001**		0		0	31	89	4	11		0		0	3
2	**32002**	2	13		0	5	31	9	56		0		0	1
3	**32040**		0	1	6	4	25	11	69		0		0	1
4	**32041**		0	1	5	9	47	8	42	1	5		0	1
5	**32042**	1	6		0	13	76	3	18		0		0	1
6	**32044**		0		0	8	53	7	47		0		0	1
7	**32045**	1	4	2	9	17	74	3	13		0		0	2
8	**32046**	9	16	2	4	32	58	9	16	1	2	2	4	5
9	**32047**	13	20	2	3	30	45	15	23	6	9		0	6
10	**32048**	14	18	2	3	39	51	19	25	1	1	1	1	7
11	**32049**	1	6		0	7	44	8	50		0		0	1
12	**32050**	1	3		0	11	33	20	61	1	3		0	3
13	**32051**	1	4		0	8	31	17	65		0		0	2
14	**32052**	1	7		0	4	27	10	67		0		0	1
15	**32053**		0		0	11	39	16	57	1	4		0	2
16	**32054**	1	6	1	6	1	6	13	81		0		0	1
17	**32055**	3	11	1	4	16	59	5	19	2	7		0	2
18	**32058**		0		0	5	31	11	69		0		0	1
19	**32059**		0	1	5	10	48	10	48		0		0	2
20	**32060**		0		0	4	33	6	50	2	17		0	1
21	**32061**		0	1	3	10	29	13	37	11	31		0	3
22	**32062**	2	6		0	21	62	8	24	3	9		0	3
23	**32063**	1	7		0	5	33	8	53	1	7		0	1
24	**32064**	2	9		0	11	50	6	27	3	14		0	2
25	**32065**	7	35	1	5	8	40	4	20		0		0	2
26	**32066**		0		0	9	56	5	31	2	13		0	1
27	**32067**		0		0	6	50	6	50		0		0	1
28	**32092**	1	7	1	7	3	21	8	57	1	7		0	1
29	**32093**	2	12		0	10	59	5	29		0		0	1
30	**32094**	1	9		0	6	55	4	36		0		0	1
31	**32095**		0	1	7	11	73	3	20		0		0	1
32	**32145**	1	6		0	3	19	11	69	1	6		0	1
33	**32146**	2	20		0	4	40	3	30	1	10		0	1
34	**32147**	1	5		0	10	53	8	42		0		0	1
35	**32148**	3	25		0	1	8	7	58	1	8		0	1
36	**32149**		0	1	7	3	20	10	67		0	1	7	1
37	**32150**	3	19	1	6	5	31	7	44		0		0	1
38	**32152**	2	9	1	5	13	59	5	23	1	5		0	2
39	**32154**		0		0	7	70	2	20	1	10		0	1
40	**32155**	1	4		0	10	40	13	52	1	4		0	2

#	Sample	***Number of grains and perecentage of KIM*** (only samples with >10 KIM grains)												
		Peridotitic garnet	*PG (%)*	*Eclogitic garnet*	*EG (%)*	*Picroilmenite*	*IL (%)*	*Chromite*	*CR (%)*	*Chrome diopside*	*CD (%)*	*Olivine*	*OL (%)*	*To*
41	**32156**		0		0	9	53	7	41		0	1	6	1
42	**32157**	3	12	2	8	7	28	12	48	1	4		0	2
43	**32158**	5	16		0	9	29	17	55		0		0	3
44	**32159**		0		0	11	52	10	48		0		0	2
45	**32161**	1	10	1	10	1	10	4	40	3	30		0	1
46	**32164**	3	9	1	3	8	24	20	61	1	3		0	3
47	**32165**	2	6		0	21	64	9	27	1	3		0	3
48	**32167**	2	7	1	3	5	17	19	66	2	7		0	2
49	**32168**		0	1	4	12	50	8	33	3	13		0	2
50	**32169**	1	5	1	5	8	38	8	38	3	14		0	2
51	**32171**		0	1	10	2	20	7	70		0		0	1
52	**32172**	1	4		0	8	33	14	58	1	4		0	2
53	**32173**	6	55	1	9	2	18	2	18		0		0	1
54	**32175**	2	9		0	11	50	9	41		0		0	2
55	**32176**	2	11		0	11	61	3	17	2	11		0	1
56	**32180**	2	13	1	6	6	38	7	44		0		0	1
57	**32181**	5	10		0	34	71	9	19		0		0	4
58	**32182**	7	14		0	31	63	11	22		0		0	4
59	**32188**		0		0	9	75	3	25		0		0	1
60	**32189**	8	30	3	11	11	41	5	19		0		0	2
61	**40151**	3	16	3	16	10	53	3	16		0		0	1
62	**40152**	1	6	1	6	7	41	6	35	2	12		0	1
63	**40153**	3	10		0	19	61	9	29		0		0	3
64	**40154**	3	14	1	5	11	52	6	29		0		0	2
65	**40155**	5	38		0	4	31	3	23	1	8		0	1
66	**40156**	1	10	1	10	1	10	7	70		0		0	1
67	**40162**	3	16		0	12	63	4	21		0		0	1
68	**40163**	11	19	2	3	36	61	8	14	2	3		0	5
69	**40164**	3	20	2	13	5	33	5	33		0		0	1
70	**40165**	17	9	6	3	124	68	43	20	1	1		0	1
71	**40166**	9	12	6	8	48	66	8	11	2	3		0	7
72	**40167**	2	18		0	4	36	5	45		0		0	1
73	**40169**	2	7		0	22	76	5	17		0		0	2
74	**40170**	3	14	1	5	6	29	11	52		0		0	2
75	**40204**	3	8		0	21	57	10	27	2	5	1	3	3
76	**40205**	15	39	1	3	9	24	8	21	5	13		0	3
77	**40206**	15	14	11	10	77	70	7	5	1	1		0	1
78	**40207**	10	30	4	12	9	27	6	18	4	12		0	3
79	**40208**	7	12	2	3	34	58	11	19	2	3	3	5	5

#	Sample	***Number of grains and perecentage of KIM*** (only samples with >10 KIM grains)												
		Peridotitic garnet	PG (%)	Eclogitic garnet	EG (%)	Picroilmenite	IL (%)	Chromite	CR (%)	Chrome diopside	CD (%)	Olivine	OL (%)	To
80	**40209**	2	8	1	4	15	58	6	23	2	8		0	2
81	**40210**	8	14	6	11	32	56	10	18	1	2		0	5
82	**40211**	1	5	1	5	13	65	4	20	1	5		0	2
83	**40213**	21	32	7	11	24	37	6	9	6	9	1	2	6
84	**40214**	28	25	6	5	69	63	4	4	3	3		0	11
85	**40215**	8	11	3	4	48	63	17	22		0		0	7
86	**40216**	3	8		0	28	76	5	14		0	1	3	3
87	**40217**	1	8		0	6	50	4	33	1	8		0	1
88	**40247**	4	7	2	4	18	33	30	55	1	2		0	5
89	**40248**	3	6	1	2	9	30	29	62		0		0	4
90	**40249**		0		0		0	10	100		0		0	1
91	**40250**	3	6		0	29	54	21	39	1	2		0	5
92	**40251**	2	5		0	18	45	20	50		0		0	4
93	**40252**	3	17		0	6	33	9	50		0		0	1
94	**40253**	2	8		0	9	36	14	56		0		0	2
95	**40254**	2	15	1	8	5	38	4	31	1	8		0	1
96	**40256**	4	24	1	6	9	53	3	18		0		0	1
97	**40257**	3	15		0		0	12	60	5	25		0	2
98	**40264**	1	8		0	2	17	8	67	1	8		0	1
99	**40266**	1	4	2	8	11	42	10	38	2	8		0	2
100	**40267**	2	7	1	4		0	24	86	1	4		0	2
101	**40269**		0		0		0	12	86	2	14		0	1
102	**40270**	1	6		0	5	28	7	39	3	17	2	11	1
103	**40275**	7	19	2	5	14	38	11	30	3	8		0	3
104	**40276**	2	6		0	14	40	18	51	1	3		0	3
105	**40277**	2	11		0	8	42	9	47		0		0	1
106	**40278**	1	1	1	1	49	40	69	57	1	1		0	12
107	**40279**	5	5	2	2	35	41	48	48	2	2	1	1	9
108	**40280**	5	24		0	8	38	5	24	1	5	2	10	2
109	**40281**	1	8	1	8	3	25	4	33	2	17	1	8	1
110	**40282**		0		0	23	62	13	35	1	3		0	3
111	**40283**	5	25	2	10	4	20	8	40		0	1	5	2
112	**40285**	1	4	3	12	11	44	9	36		0	1	4	2
113	**40286**	2	7		0	9	33	15	56	1	4		0	2
114	**40287**	6	26		0	6	26	10	43	1	4		0	2
115	**40288**	1	3	4	12	11	33	16	48	1	3		0	3
116	**40289**	5	9	1	2	26	45	24	41	2	3		0	5
117	**40290**	1	2	2	4	24	61	16	28	2	4		0	4
118	**40298**	1	7	1	7	6	40	6	40	1	7		0	1

#	Sample	***Number of grains and perecentage of KIM*** (only samples with >10 KIM grains)												
		Peridotitic garnet	PG (%)	Eclogitic garnet	EG (%)	Picroilmenite	IL (%)	Chromite	CR (%)	Chrome diopside	CD (%)	Olivine	OL (%)	To
119	**40299**	2	4	4	8	18	34	23	43	6	11		0	5
120	**40300**	1	4	2	8	11	46	10	42		0		0	2
121	**40302**	1	7		0	7	47	7	47		0		0	1
122	**40303**	2	8	2	8	6	23	14	54	1	4	1	4	2
123	**40304**	1	7		0	4	27	10	67		0		0	1
124	**40305**	3	13		0	5	22	15	65		0		0	2
125	**40306**	5	14		0	13	35	17	46	2	5		0	3
126	**40307**	2	4	1	2	21	43	24	49	1	2		0	4
127	**40308**	3	10		0	13	43	12	40	2	7		0	3
128	**40309**		0	1	6	9	50	7	39	1	6		0	1
129	**40311**	1	3	1	3	12	40	15	50	1	3		0	3
130	**40313**	3	6	1	2	22	41	27	50	1	2		0	5
131	**40314**	4	13	1	3	9	28	15	47	3	9		0	3
132	**40315**	9	23	1	3	15	38	12	31	2	5		0	3
133	**40317**	2	17	3	25	1	8	4	33	2	17		0	1
134	**40366**	2	13		0	8	53	5	33		0		0	1
135	**40367**	2	13	1	7	4	27	6	40	2	13		0	1
136	**40368**		0		0	3	17	14	78	1	6		0	1
137	**40369**		0	1	6	9	56	5	31	1	6		0	1
138	**40412**	7	11	2	3	44	70	9	14	1	2		0	6
139	**40413**	3	6	4	9	27	57	11	23	2	4		0	4
140	**40414**	2	6		0	17	52	13	39		0	1	3	3
141	**40415**		0	1	3	12	35	19	56	1	3	1	3	3
142	**40416**	1	3	2	7	12	41	12	41	2	7		0	2
143	**40417**	2	4	3	5	35	63	17	28		0		0	5
144	**40418**	2	3	3	4	44	65	16	24	3	4		0	6
145	**40419**	1	3		0	24	67	11	31		0		0	3
146	**40420**		0		0	12	57	8	38	1	5		0	2
147	**40421**	9	13	1	1	43	61	18	25		0		0	7
148	**40424**	2	9	3	13	6	26	10	43	2	9		0	2
149	**40425**	1	5	3	14	8	38	8	38	1	5		0	2
150	**40427**		0	2	2	36	37	56	58	2	2	1	1	9
151	**40428**		0	1	5	11	55	5	25	3	15		0	2
152	**40429**	9	17		0	21	39	24	44		0		0	5
153	**40430**	4	8		0	35	69	12	24		0		0	5
154	**40431**	3	9	1	3	21	64	7	21	1	3		0	3
155	**40434**	3	5	4	7	40	68	12	20		0		0	5
156	**40437**	1	3	2	6	12	33	19	53	2	6		0	3
157	**40439**	3	4	3	4	60	71	18	21		0		0	8

#	Sample	***Number of grains and perecentage of KIM*** (only samples with >10 KIM grains)												
		Peridotitic garnet	*PG (%)*	*Eclogitic garnet*	*EG (%)*	*Picroilmenite*	*IL (%)*	*Chromite*	*CR (%)*	*Chrome diopside*	*CD (%)*	*Olivine*	*OL (%)*	*To*
158	**40440**		0	2	7	14	48	12	41	1	3		0	2
159	**40441**	1	3	2	7	18	62	7	24	1	3		0	2
160	**40442**	4	7	2	3	43	72	11	18		0		0	6
161	**40443**	3	5		0	45	73	14	23		0		0	6
162	**40444**	2	10	3	14	13	62	3	14		0		0	2
163	**40445**	1	6		0	10	56	7	39		0		0	1
164	**40446**	2	6	1	3	19	54	13	37		0		0	3
165	**40447**	2	5		0	29	66	11	25	2	5		0	4
165	**TOTAL**	502	9	189	4	1157	22	1864	**35**	182	**3**	23	**0**	53

#	Sample	Photo #	Total number of PG	similar to G10 (number of grains)	% of G10
1	**32002**		2	0	**0**
2	**32042**		1		**0**
3	**32043**		1		**0**
4	**32045**		1		**0**
5	**32046**		9	1	**11**
6	**32047**		13	1	**8**
7	**32048**		14	3	**21**
8	**32049**		1		**0**
9	**32050**		1		**0**
10	**32051**		1		**0**
11	**32052**		1		**0**
12	**32054**		1		**0**
13	**32055**		3	0	**0**
14	**32062**		2	0	**0**
15	**32063**		1		**0**
16	**32064**		2	0	**0**
17	**32065**		7	0	**0**
18	**32068**		2	0	**0**
19	**32092**		1		**0**
20	**32093**		2	0	**0**
21	**32094**		1		**0**
22	**32145**		1		**0**
23	**32146**		2	0	**0**
24	**32147**		1		**0**
25	**32148**		3	0	**0**
26	**32150**		3	1	**33**
27	**32151**		2	0	**0**
28	**32152**		2	1	**50**
29	**32155**		1		**0**
30	**32157**		3	1	**33**
31	**32158**		5	1	**20**
32	**32161**		1		**0**
33	**32164**		3	0	**0**
34	**32165**		2	1	**50**
35	**32166**		9	3	**33**
36	**32167**		2	0	**0**
37	**32169**		1		**0**
38	**32172**		1		**0**
39	**32173**		6	1	**17**
40	**32174**		2	0	**0**
41	**32175**		2	1	**50**
42	**32176**		2	1	**50**
43	**32180**		2	0	**0**
44	**32181**		5	1	**20**

#	Sample	Photo #	Total number of PG	similar to G10 (number of grains)	% of G10
45	32182		7	0	0
46	32183		2	1	50
47	32187		2	0	0
48	32189		8	1	13
49	40151	28	3	1	33
50	40152		1		0
51	40153		3	0	0
52	40154		3	0	0
53	40155		5	2	40
54	40156		1		0
55	40162		3	1	33
56	40163		11	1	9
57	40164		3	1	33
58	40165	7	17	4	24
59	40167		2	0	0
60	40169		2	0	0
61	40170		3	0	0
62	40204		3	0	0
63	40205	8	15	5	33
64	40206		15	6	40
65	40207		10	2	20
66	40208		7	1	14
67	40209		2	0	0
68	40210		8	2	25
69	40211		1		0
70	40212		2	1	50
71	40213		21	8	38
72	40214		28	8	29
73	40215		8	1	13
74	40216		3	1	33
75	40217		1		0
76	40247		4	2	50
77	40248		3	0	0
78	40250		3	1	33
79	40251		2	1	50
80	40252		3	0	0
81	40253		2	1	50
82	40254		2	0	0
83	40255		1		0
84	40256		4	1	25
85	40257		3	0	0
86	40264		1	1	100
87	40265		4	1	25
88	40266		1		0
89	40267		2	1	50

#	Sample	Photo #	*Total number of PG*	*similar to G10 (number of grains)*	% of G10
90	**40270**		1		0
91	**40275**		7	0	0
92	**40276**		2	1	50
93	**40277**		2	2	100
94	**40278**		1		0
95	**40279**		5	1	20
96	**40280**	27	5	5	100
97	**40281**		1		0
98	**40283**		5	2	40
99	**40285**		1	1	100
100	**40286**		2	0	0
101	**40287**	26	6	3	50
102	**40288**		1		0
103	**40289**		5	2	40
104	**40290**		1		0
105	**40298**		1	1	100
106	**40299**		2	2	100
107	**40300**		1	1	100
108	**40301**		2	0	0
109	**40302**		1		0
110	**40303**		3	1	33
111	**40304**		1		0
112	**40305**		3	1	33
113	**40306**		5	3	60
114	**40307**		2	1	50
115	**40308**		3	1	33
116	**40311**		1		0
117	**40313**		3	1	33
118	**40314**		4	2	50
119	**40315**		9	4	44
120	**40316**		1		0
121	**40317**		2	0	0
122	**40366**		2	0	0
123	**40367**		2	0	0
124	**40412**		7	0	0
125	**40413**		3	1	33
126	**40414**		2	0	0
127	**40416**	40	1	1	100
128	**40417**		2	0	0
129	**40418**		2	0	0
130	**40419**		1		0
131	**40421**		9	3	33
132	**40424**		2	2	100
133	**40425**		1		0
134	**40426**		1		0

#	Sample	Photo #	*Total number of PG*	*similar to G10 (number of grains)*	% of G10
135	**40429**	20	9	4	**44**
136	**40430**		4	0	**0**
137	**40431**	32	3	0	**0**
138	**40434**		3	0	**0**
139	**40437**		1		**0**
140	**40439**		3	1	**33**
141	**40441**		1		**0**
142	**40442**		4	2	**50**
143	**40443**		3	0	**0**
144	**40444**		2	1	**50**
145	**40445**		1		**0**
146	**40446**		2	1	**50**
147	**40447**	38	2	0	**0**
TOTAL			**525**	**124**	**24**

#	Sample	Peridotitic garnet				
		coarse >0.3mm		fine 0.30mm - 0.25mm		Total
		grains	%	grains	%	
2	32002	0	0	2	100	2
5	32042	0	0	1	100	1
6	32043	0	0	1	100	1
8	32045	0	0	1	100	1
9	32046	4	44	5	56	9
10	32047	9	69	4	31	13
11	32048	9	64	5	36	14
12	32049	0	0	1	100	1
13	32050	0	0	1	100	1
14	32051	0	0	1	100	1
15	32052	0	0	1	100	1
17	32054	1	100		0	1
18	32055	3	100		0	3
25	32062	2	100		0	2
26	32063	1	100		0	1
27	32064	0	0	2	100	2
28	32065	4	57	3	43	7
31	32068	2	100		0	2
32	32092	1	100		0	1
33	32093	1	50	1	50	2
34	32094	1	100		0	1
38	32145	0	0	1	100	1
39	32146	1	50	1	50	2
40	32147	0	0	1	100	1
41	32148	2	67	1	33	3
43	32150	3	100		0	3
44	32151	1	50	1	50	2
45	32152	1	50	1	50	2
48	32155	0	0	1	100	1
50	32157	3	100		0	3
51	32158	3	60	2	40	5
54	32161	1	100		0	1
57	32164	3	100		0	3
58	32165	1	50	1	50	2
60	32167	2	100		0	2
62	32169	0	0	1	100	1
65	32172	1	100		0	1
66	32173	3	50	3	50	6
67	32174	0	0	2	100	2
68	32175	2	100		0	2
69	32176	1	50	1	50	2
70	32180	0	0	2	100	2
71	32181	4	80	1	20	5

lost

#	Sample	Peridotitic garnet				
		coarse >0.3mm		fine 0.30mm - 0.25mm		Total
		grains	%	grains	%	
72	32182	7	100		0	7
73	32183	2	100		0	2
74	32187	0	0	2	100	2
76	32189	2	25	6	75	8
77	40151	2	50	2	50	4
78	40152	0	0	1	100	1
79	40153	3	100		0	3
80	40154	2	67	1	33	3
81	40155	2	40	3	60	5
82	40156	1	100		0	1
83	40162	1	33	2	67	3
84	40163	5	45	6	55	11
85	40164	2	67	1	33	3
86	40165	13	76	4	24	17
87	40166	9	100		0	9
88	40167	0	0	2	100	2
89	40168	0				
90	40169	0	0	2	100	2
91	40170	2	67	1	33	3
92	40204	2	67	1	33	3
93	40205	7	47	8	53	15
94	40206	8	53	7	47	15
95	40207	7	70	3	30	10
96	40208	4	57	3	43	7
97	40209	1	50	1	50	2
98	40210	7	88	1	13	8
99	40211	1	100		0	1
100	40212	0	0	2	100	2
101	40213	12	57	9	43	21
102	40214	23	82	5	18	28
103	40215	8	100		0	8
104	40216	0	0	3	100	3
105	40217	0	0	1	100	1
106	40244	0				
107	40246	0				
108	40247	2	50	2	50	4
109	40248	0	0	3	100	3
110	40249	0				
111	40250	3	100		0	3
112	40251	2	100		0	2
113	40252	1	33	2	67	3
114	40253	1	50	1	50	2
115	40254	0	0	2	100	2

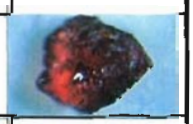
#	Sample	Peridotitic garnet				
		coarse		fine		Total
		>0.3mm		0.30mm - 0.25mm		
		grains	%	grains	%	
116	40255	0	0	1	100	1
117	40256	4	100		0	4
118	40257	3	100		0	3
119	40264	1	100		0	1
120	40265	3	75	1	25	4
121	40266	0	0	1	100	1
122	40267	2	100		0	2
123	40268	0				
124	40269	0				
125	40270	0	0	1	100	1
126	40275	4	57	3	43	7
127	40276	1	50	1	50	2
128	40277	2	100		0	2
129	40278	1	100		0	1
130	40279	3	60	2	40	5
131	40280	0	0	5	100	5
132	40281	1	100		0	1
133	40282	0				
134	40283	0	0	5	100	5
135	40285	1	100		0	1
136	40286	2	100		0	2
137	40287	0	0	6	100	6
138	40288	0	0	1	100	1
139	40289	0	0	5	100	5
140	40290	0	0	1	100	1
141	40298	0	0	1	100	1
142	40299	0	0	2	100	2
143	40300	0	0	1	100	1
144	40301	0	0	2	100	2
145	40302	0	0	1	100	1
146	40303	1	50	1	50	2
147	40304	1	100		0	1
148	40305	0	0	3	100	3
149	40306	2	40	3	60	5
150	40307	0	0	2	100	2
151	40308	0	0	3	100	3
154	40311	0	0	1	100	1
156	40313	3	100		0	3
157	40314	3	75	1	25	4
158	40315	8	89	1	11	9
159	40316	0	0	1	100	1
160	40317	0	0	2	100	2
162	40366	0	0	2	100	2

#	Sample	Peridotitic garnet				
		coarse		fine		Total
		>0.3mm		0.30mm - 0.25mm		
		grains	%	grains	%	
163	**40367**	0	0	2	100	2
166	**40412**	6	86	1	14	7
167	**40413**	0	0	3	100	3
168	**40414**	1	50	1	50	2
170	**40416**	0	0	1	100	1
171	**40417**	2	100		0	2
172	**40418**	2	100		0	2
173	**40419**	0	0	1	100	1
175	**40421**	8	89	1	11	9
176	**40424**	2	100		0	2
177	**40425**	0	0	1	100	1
178	**40426**	0	0	1	100	1
181	**40429**	8	89	1	11	9
182	**40430**	4	100		0	4
183	**40431**	2	67	1	33	3
184	**40434**	1	33	2	67	3
185	**40437**	1	100		0	1
186	**40439**	1	33	2	67	3
188	**40441**	1	100		0	1
189	**40442**	4	100		0	4
190	**40443**	1	33	2	67	3
191	**40444**	2	100		0	2
192	**40445**	0	0	1	100	1
193	**40446**	2	100		0	2
194	**40447**	2	100		0	2
TOTAL		**308**	59	**217**	41	**525**

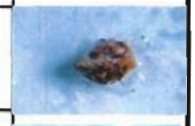
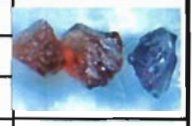
Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
40214	1	28	0.5				1		
	2		0.5			1			
	3		0.4		1			1	
	4		0.4		1				
	5		0.4			1			
	6		0.4		1				
	7		0.3		1			1	
	8		0.3				1		
	9		0.3		1				
	10		0.3			1			
	11		0.3				1		
	12		0.3		1			1	
	13		0.3			1		1	
	14		0.3				1		
	15		0.3				1	1	
	16		0.3	1			1		
	17		0.3			1			
	18		0.3				1		
	19		0.3				1		
	20		0.3			1			
	21		0.3	2	1				
	22		0.3		1				
	23		0.3			1			
	24		0.25				1	1	
	25		0.25				1	1	
	26		0.25				1		
	27		0.25			1		1	
	28		0.25				1		
40213	29	21	0.5		1				
	30		0.5	3			1		
	31		0.5	4			1		
	32		0.4	5	1				
	33		0.4			1		1	
	34		0.3			1		1	
	35		0.3				1		
	36		0.3			1		1	
	37		0.3				1		
	38		0.3			1			
	39		0.3				1		
	40		0.3				1		
	41		0.25			1		1	
	42		0.25			1		1	

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
	43		0.25				1	1	
	44		0.25				1		
	45		0.25				1	1	
	46		0.25				1		
	47		0.25		1			1	
	48		0.25				1		
	49		0.25				1		
	50		0.5				1		
	51		0.5				1	1	
	52		0.4	6			1		
	53		0.4			1			
	54		0.4	7		1		1	
	55		0.4			1			
	56		0.3			1		1	
40165	57	17	0.3			1		1	
	58		0.3				1		
	59		0.3				1		
	60		0.3			1			
	61		0.3			1			
	62		0.3			1			
	63		0.25			1			
	64		0.25				1		
	65		0.25				1		
	66		0.25			1			
	67		0.5			1			
	68		0.5	8			1	1	
	69		0.5				1	1	
	70		0.4		1				
	71		0.3				1	1	
	72		0.3			1		1	
40205	73	15	0.3			1			
	74		0.25				1		
	75		0.25				1		
	76		0.25		1				
	77		0.25				1		
	78		0.25			1			
	79		0.25				1		
	80		0.25				1		
	81		0.25				1	1	
	82		0.3	9		1			
	83		0.3				1		
	84		0.3				1		
	85		0.3				1	1	
	86		0.3			1		1	
	87		0.3			1			
	88		0.3				1		

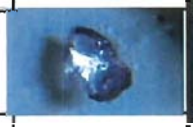
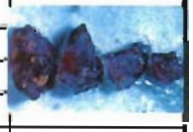
Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
40206	89	15	0.3			1		1	
	90		0.25			1		1	
	91		0.25				1	1	
	92		0.25				1		
	93		0.25				1	1	
	94		0.25			1			
	95		0.25			1			
	96		0.25	10		1			
	97		0.5			1			
	98		0.5	11		1			
	99		0.4				1		
	100		0.3				1	1	
	101		0.3				1		
	102		0.3				1		
32048	103	14	0.3	12		1			
	104		0.3				1		
	105		0.3				1		
	106		0.25				1	1	
	107		0.25				1	1	
	108		0.25				1		
	109		0.25				1		
	110		0.25				1		
	111		0.4				1		
	112		0.4			1			
	113		0.4		1				
	114		0.4	13		1			
	115		0.3		1				
32047	116	13	0.3			1			
	117		0.3				1	1	
	118		0.3			1			
	119		0.3			1			
	120		0.25			1			
	121		0.25			1			
	122		0.25		1				
	123		0.25			1			
	124		0.4			1			
	125		0.4		1				
	126		0.4				1		
	127		0.3	14	1				
	128		0.3				1		
40163	129	11	0.25		1				
	130		0.25			1			
	131		0.25				1	1	

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
	132		0.25		1				
	133		0.25	15	1				
	134		0.25				1		
	135		0.4				1		
	136		0.4			1			
	137		0.4		1				
	138		0.4			1			
40207	139	10	0.4	16	1				
	140		0.3		1				
	141		0.3				1	1	
	142		0.25				1	1	
	143		0.25		1				
	144		0.25			1			
	145		0.4			1			
	146		0.4	37	1				
	147		0.4		1				
	148		0.4				1	1	
32046	149	9	0.25			1			
	150		0.25			1			
	151		0.25				1		
	152		0.25				1		
	153		0.25				1		
	154		0.3	17	1			1	
	155		0.3				1	1	
	156		0.3			1		1	
32166	157	9	0.3				1		
	158		0.3		1				
	159		0.3			1			
	160		0.3				1		
	161		0.3		1				
	162		0.3		1				
	163		0.3				1		
	164		0.3			1		1	
	165		0.3			1		1	
	166		0.3			1			
40315	167	9	0.3			1			
	168		0.3				1	1	
	169		0.3	18	1				
	170		0.3		1				
	171		0.25				1	1	
	172		0.3				1		
	173		0.3				1		
	174		0.3				1		
	175		0.3			1			

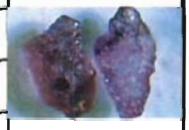
Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
40421	176	9	0.3				1	1	
	177		0.3			1			
	178		0.3	19			1	1	
	179		0.3				1		
	180		0.25			1		1	
40429	181	9	0.5	20	1			1	
	182		0.4		1			1	
	183		0.4		1			1	
	184		0.4		1			1	
	185		0.3				1		
	186		0.3				1		
	187		0.3				1		
	188		0.3				1		
	189		0.25			1			
32189	190	8	0.3			1			
	191		0.3				1		
	192		0.25				1		
	193		0.25				1	1	
	194		0.25		1				
	195		0.25				1		
	196		0.25				1		
	197		0.25				1		
40210	198	8	0.3	21			1		
	199		0.3				1		
	200		0.3			1		1	
	201		0.3				1		
	202		0.3				1	1	
	203		0.3				1		
	204		0.3				1		
	205		0.25				1		
40215	206	8	0.5			1			
	207		0.5	22	1				
	208		0.4			1			
	209		0.4			1		1	
	210		0.4		1				
	211		0.4				1		
	212		0.3				1		
	213		0.3			1			
32065	214	7	0.5	24 (23)		1			
	215		0.4			1			
	216		0.4			1			
	217		0.3				1		
	218		0.25				1		
	219		0.25			1			
	220		0.25				1		
	221		0.25				1		

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
32182	222	7	0.3				1		
	223		0.3				1		
	224		0.3			1			
	225		0.3		1				
	226		0.3			1			
	227		0.3			1			
40208	228	7	0.4				1	1	
	229		0.4				1		
	230		0.3		1				
	231		0.3			1			
	232		0.25				1		
	233		0.25				1		
	234		0.25				1		
40275	235	7	0.5			1			
	236		0.3				1		
	237		0.3			1			
	238		0.3				1		
	239		0.25			1			
	240		0.25			1			
	241		0.25				1		
40412	242	7	0.3	25		1			
	243		0.3				1		
	244		0.3				1		
	245		0.3			1			
	246		0.3				1		
	247		0.3				1		
	248		0.25			1			
32173	249	6	0.4				1		
	250		0.3		1				
	251		0.3		1				
	252		0.25				1	1	
	253		0.25			1			
	254		0.25			1			
40287	255	6	0.3		1				
	256		0.3	26			1	1	
	257		0.3			1		1	
	258		0.3			1		1	
	259		0.3				1		
	260		0.3				1		
32158	261	5	0.5			1			
	262		0.4				1		
	263		0.3				1		
	264		0.25				1	1	
	265		0.25				1		
40155	266	5	0.3				1	1	
	267		0.3				1		
	268		0.25			1		1	
	269		0.25				1		
	270		0.25				1		

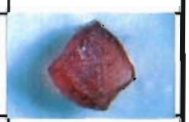
Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
32181	271	5	0.3			1			
	272		0.3			1			
	273		0.3				1		
	274		0.3			1		1	
	275		0.25			1			
40279	276	5	0.3			1			
	277		0.3			1		1	
	278		0.3				1		
	279		0.25			1			
	280		0.25			1			
40280	281	5	0.3	27		1		1	
	282		0.3			1		1	
	283		0.3		1			1	
	284		0.3				1	1	
	285		0.3			1		1	
40283	286	5	0.25			1		1	
	287		0.25			1		1	
	288		0.25				1		
	289		0.25		1				
	290		0.25			1			
40289	291	5	0.25			1			
	292		0.25				1	1	
	293		0.25				1	1	
	294		0.25				1		
	295		0.25			1			
40306	296	5	0.3			1		1	
	297		0.3			1		1	
	298		0.25			1			
	299		0.25			1		1	
	300		0.25				1		
40151	301	3	0.3	28		1		1	
	302		0.3		1				
	303		0.25				1		
40247	304	4	0.3		1				
	305		0.3				1	1	
	306		0.25			1		1	
	307		0.25			1			
40256	308	4	0.3				1	1	
	309		0.3	30	1				
	310		0.3		1				
	311		0.3		1				
40265	312	4	0.3		1				
	313		0.3				1	1	
	314		0.3			1			
	315		0.25			1			
40314	316	4	0.3			1		1	
	317		0.3			1			
	318		0.3				1		

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
	319		0.25				1	1	
40430	320	4	0.3		1				
	321		0.3		1				
	322		0.3				1		
	323		0.3		1				
40442	324	4	0.3		1				
	325		0.3		1				
	326		0.3			1		1	
	327		0.3				1	1	
32055	328	3	0.3			1			
	329		0.3				1		
	330		0.3				1		
32148	331	3	0.3		1				
	332		0.3				1		
	333		0.3				1		
32150	334	3	0.3		1				
	335		0.3			1		1	
	336		0.3		1				
32157	337	3	0.5				1		
	338		0.3				1		
	339		0.3				1	1	
32164	340	3	0.3	31			1		
	341		0.3			1			
	342		0.3				1		
40153	343	3	0.5				1		
	344		0.3		1				
	345		0.3				1		
40154	346	3	0.3			1			
	347		0.3			1			
	348		0.25			1			
40162	349	3	0.3			1			
	350		0.25				1	1	
	351		0.25				1		
40164	352	3	0.5				1		
	353		0.4				1		
	354		0.3			1		1	
40170	355	3	0.3			1			
	356		0.3				1		
	357		0.25			1			
40204	358	3	0.3				1		
	359		0.3			1			
	360		0.25			1			
40216	361	3	0.3			1		1	
	362		0.3			1			
	363		0.3				1		
40248	364	3	0.25			1			
	365		0.25				1		
	366		0.25				1		
40250	367	3	0.3				1	1	
	368		0.3			1			
	369		0.3			1			

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
40252	370	3	0.3				1		
	371		0.25				1		
	372		0.25				1		
40257	373	3	0.3				1		
	374		0.3			1			
	375		0.3			1			
40305	376	3	0.3			1		1	
	377		0.3			1			
	378		0.3			1			
40308	379	3	0.3			1		1	
	380		0.3				1		
	381		0.3				1		
40313	382	3	0.3				1		
	383		0.3				1	1	
	384		0.3			1			
40413	385	3	0.3			1			
	386		0.3				1	1	
	387		0.3				1		
40431	388	3	0.3	32	1				
	389		0.3		1				
	390		0.25			1			
40434	391	3	0.3		1				
	392		0.25				1		
	393		0.25			1			
40439	394	3	0.3			1		1	
	395		0.25			1			
	396		0.25			1			
40443	397	3	0.3		1				
	398		0.25		1				
	399		0.25		1				
32002	400	2	0.25				1		
	401		0.25		1				
32062	402	2	0.4	33	1				
	403		0.3		1				
32064	404	2	0.3				1		
	405		0.3			1			
32068	406	2	0.3				1		
	407		0.3			1			
32093	408	2	0.3				1		
	409		0.25			1			
32146	410	2	0.3			1			
	411		0.25				1		
32151	412	2	0.3				1		
	413		0.25				1		
32152	414	2	0.3				1		
	415		0.25				1	1	
32165	416	2	0.3			1		1	
	417		0.25				1		

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
32167	418	2	0.4			1			
	419		0.3		1				
40167	420	2	0.25			1			
	421		0.25			1			
40169	422	2	0.25			1			
	423		0.25			1			
32174	424	2	0.3			1			
	425		0.3		1				
32175	426	2	0.3			1		1	
	427		0.3				1		
32176	428	2	0.3				1	1	
	429		0.25		1				
32180	430	2	0.25				1		
	431		0.25				1		
32183	432	2	0.3			1		1	
	433		0.3			1			
32187	434	2	0.3	34			1		
	435		0.3				1		
40209	436	2	0.3				1		
	437		0.3			1			
40212	438	2	0.3			1			
	439		0.3			1		1	
40251	440	2	0.3	35			1		
	441		0.3				1	1	
40253	442	2	0.3				1		
	443		0.25				1	1	
40254	444	2	0.25				1		
	445		0.25				1		
40267	446	2	0.4				1	1	
	447		0.3				1		
40276	448	2	0.3				1	1	
	449		0.25				1		
40277	450	2	0.3			1		1	
	451		0.3			1		1	
40286	452	2	0.5	36	1				
	453		0.5		1				
40299	454	2	0.25				1	1	
	455		0.25				1	1	
40301	456	2	0.25				1		
	457		0.25			1			
40303	458	2	0.3			1		1	
	459		0.25			1	1		
40307	460	2	0.25						
	461		0.25			1	1	1	
40317	462	2	0.25				1		
	463		0.25		1				
40366	464	2	0.25				1		

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
[illegible]	465	2	0.25			1			
40367	466	2	0.25			1			
	467		0.25				1		
40414	468	2	0.3				1		
	469		0.25				1		
40417	470	2	0.5		1				
	471		0.3		1				
40418	472	2	0.3		1				
	473		0.3			1			
40424	474	2	0.4		1			1	
	475		0.3			1		1	
40444	476	2	0.4				1		
	477		0.3				1	1	
40446	478	2	0.3				1		
	479		0.3				1	1	
40447	480	2	0.3	38	1				
	481		0.3				1		
32042	482	1	0.25			1			
32043	483		0.25	lost					
32045	484	1	0.25				1		
32049	485	1	0.25				1		
32050	486	1	0.25				1		
32051	487	1	0.25				1		
32052	488	1	0.25				1		
32054	489	1	0.25				1		
32063	490	1	0.3				1		
32092	491	1	0.3				1		
32094	492	1	0.3			1			
32145	493	1	0.25			1			
32147	494	1	0.25				1		
32155	495	1	0.25				1		
32161	496	1	0.3				1		
32169	497	1	0.5				1		
40152	498	1	0.25			1			
40156	499	1	0.3				1		
32172	500	1	0.3		1				
40211	501	1	0.3				1		
40217	502	1	0.5				1		
40255	503	1	0.25				1		
40264	504	1	0.4				1	1	
40266	505	1	0.25				1		
40270	506	1	0.25				1		
40278	507	1	0.3				1		
40281	508	1	0.4				1		

Abrasion of Peridotitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total PG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	similar to G10	Photo
40285	509	1	0.3				1	1	
40288	510	1	0.25				1		
40290	511	1	0.25				1		
40298	512	1	0.25				1	1	
40300	513	1	0.25				1	1	
40302	514	1	0.5				1		
40304	515	1	0.3				1		
40311	516	1	0.25				1		
40316	517	1	0.3				1		
40416	518	1	0.25	40			1	1	
40419	519	1	0.3				1		
40425	520	1	0.5				1		
40426	521	1	0.3				1		
40437	522	1	0.3				1		
40441	523	1	0.5		1				
40445	524	1	0.25				1		
Total		524		40	84	181	259	124	

#	Sample	Photo #	ABRASION OF PERIDOTITIC GARNET						Total PG
			unabraded		slightly-abraded		well abraded		
			Non fractured and covered with >50% of kelephytic rim or resorption or with razor sharp fractured edges	%	fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges	%	completely fractured with not preserved surface and worn out fractured edges	%	
1	32002		1	50	0	0	1	50	2
2	32042			0	1	100		0	1
3	32043			0		0		0	1
4	32045			0		0	1	100	1
5	32046	37	2	22	3	33	4	44	9
6	32047	13	3	23	8	62	2	15	13
7	32048	11,12	0	0	3	21	11	79	14
8	32049			0		0	1	100	1
9	32050			0		0	1	100	1
10	32051			0		0	1	100	1
11	32052			0		0	1	100	1
12	32054			0		0	1	100	1
13	32055		0	0	1	33	2	67	3
14	32062	33	2	100	0	0	0	0	2
15	32063			0		0	1	100	1
16	32064		0	0	1	50	1	50	2
17	32065	23,24	0	0	4	57	3	43	7
18	32068		0	0	1	50	1	50	2
19	32092			0		0	1	100	1
20	32093		0	0	1	50	1	50	2
21	32094			0	1	100		0	1
22	32145			0	1	100		0	1
23	32146		0	0	1	50	1	50	2
24	32147			0		0	1	100	1
25	32148		1	33	0	0	2	67	3
26	32150		2	67	1	33	0	0	3
27	32151	28	0	0	0	0	2	100	2
28	32152		0	0	0	0	2	100	2
29	32155			0		0	1	100	1
30	32157		0	0	0	0	3	100	3
31	32158		0	0	1	20	4	80	5
32	32161			0		0	1	100	1
33	32164	31	0	0	1	33	2	67	3
34	32165		0	0	1	50	1	50	2
35	32166	17	4	44	2	22	3	33	9
36	32167		1	50	1	50	0	0	2
37	32169			0		0	1	100	1

#	Sample	Photo #	ABRASION OF PERIDOTITIC GARNET						Total PG
			unabraded	%	slightly-abraded	%	well abraded	%	
			Non fractured and covered with >50% of kelephytic rim or resorption or with razor sharp fractured edges		fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges		completely fractured with not preserved surface and worn out fractured edges		
38	**32172**		1	100		0		0	1
39	**32173**		2	33	2	33	2	33	6
40	**32174**		1	50	1	50	0	0	2
41	**32175**		0	0	1	50	1	50	2
42	**32176**		1	50	0	0	1	50	2
43	**32180**		0	0	0	0	2	100	2
44	**32181**		0	0	4	80	1	20	5
45	**32182**		1	14	3	43	3	43	7
46	**32183**		0	0	2	100	0	0	2
47	**32187**	34	0	0	0	0	2	100	2
48	**32189**		1	13	1	13	6	75	8
49	**40151**		1	33	1	33	1	33	3
50	**40152**			0	1	100		0	1
51	**40153**		1	33	0	0	2	67	3
52	**40154**		0	0	3	100	0	0	3
53	**40155**		0	0	1	20	4	80	5
54	**40156**			0		0	1	100	1
55	**40162**		0	0	1	33	2	67	3
56	**40163**	14, 15	5	45	2	18	4	36	11
57	**40164**		0	0	1	33	2	67	3
58	**40165**	6,7	0	0	10	59	7	41	17
59	**40167**		0	0	2	100	0	0	2
60	**40169**		0	0	2	100	0	0	2
61	**40170**		0	0	2	67	1	33	3
62	**40204**		0	0	2	67	1	33	3
63	**40205**	8	2	13	4	27	9	60	15
64	**40206**	9, 10	0	0	8	53	7	47	15
65	**40207**	16	4	40	3	30	3	30	10
66	**40208**		1	14	1	14	5	71	7
67	**40209**		0	0	1	50	1	50	2
68	**40210**	21	0	0	1	13	7	88	8
69	**40211**			0		0	1	100	1
70	**40212**		0	0	2	100	0	0	2
71	**40213**	3,4,5	3	14	6	29	12	57	21
72	**40214**	1, 2	8	29	8	29	12	43	28
73	**40215**	22	2	25	4	50	2	25	8
74	**40216**		0	0	2	67	1	33	3

#	Sample	Photo #	ABRASION OF PERIDOTITIC GARNET						Total PG
			unabraded	%	slightly-abraded	%	well abraded	%	
			Non fractured and covered with >50% of kelephytic rim or resorption or with razor sharp fractured edges		fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges		completely fractured with not preserved surface and worn out fractured edges		
75	**40217**			0		0	1	100	1
76	**40247**		1	25	2	50	1	25	4
77	**40248**		0	0	1	33	2	67	3
78	**40250**		0	0	2	67	1	33	3
79	**40251**	35	0	0	0	0	2	100	2
80	**40252**		0	0	0	0	3	100	3
81	**40253**		0	0	0	0	2	100	2
82	**40254**		0	0	0	0	2	100	2
83	**40255**			0		0	1	100	1
84	**40256**	30	3	75	0	0	1	25	4
85	**40257**		0	0	2	67	1	33	3
86	**40264**			0		0	1	100	1
87	**40265**		1	25	2	50	1	25	4
88	**40266**			0		0	1	100	1
89	**40267**		0	0	0	0	2	100	2
90	**40270**			0		0	1	100	1
91	**40275**		0	0	4	57	3	43	7
92	**40276**		0	0	0	0	2	100	2
93	**40277**		0	0	2	100	0	0	2
94	**40278**			0		0	1	100	1
95	**40279**		0	0	4	80	1	20	5
96	**40280**	27	1	20	3	60	1	20	5
97	**40281**			0		0	1	100	1
98	**40283**		1	20	3	60	1	20	5
99	**40285**			0		0	1	100	1
100	**40286**	36	2	100	0	0	0	0	2
101	**40287**	26	1	17	2	33	3	50	6
102	**40288**			0		0	1	100	1
103	**40289**		0	0	2	40	3	60	5
104	**40290**			0		0	1	100	1
105	**40298**			0		0	1	100	1
106	**40299**		0	0	0	0	2	100	2
107	**40300**			0		0	1	100	1
108	**40301**		0	0	1	50	1	50	2
109	**40302**			0		0	1	100	1
110	**40303**		0	0	1	50	1	50	2
111	**40304**			0		0	1	100	1

#	Sample	Photo #	ABRASION OF PERIDOTITIC GARNET						Total PG
			unabraded	%	slightly-abraded	%	well abraded	%	
			Non fractured and covered with >50% of kelephytic rim or resorption or with razor sharp fractured edges		fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges		completely fractured with not preserved surface and worn out fractured edges		
112	**40305**		0	0	3	100	0	0	3
113	**40306**		0	0	4	80	1	20	5
114	**40307**		0	0	1	50	1	50	2
115	**40308**		0	0	1	33	2	67	3
116	**40311**			0		0	1	100	1
117	**40313**		0	0	1	33	2	67	3
118	**40314**		0	0	2	50	2	50	4
119	**40315**	18	2	22	4	44	3	33	9
120	**40316**			0		0	1	100	1
121	**40317**		1	50	0	0	1	50	2
122	**40366**		0	0	1	50	1	50	2
123	**40367**		0	0	1	50	1	50	2
124	**40412**	25	0	0	3	43	4	57	7
125	**40413**		0	0	1	33	2	67	3
126	**40414**		0	0	0	0	2	100	2
127	**40416**	40		0		0	1	100	1
128	**40417**		2	100	0	0	0	0	2
129	**40418**		1	50	1	50	0	0	2
130	**40419**			0		0	1	100	1
131	**40421**	19	0	0	3	33	6	67	9
132	**40424**		1	50	1	50	0	0	2
133	**40425**			0		0	1	100	1
134	**40426**			0		0	1	100	1
135	**40429**	20	4	44	1	11	4	44	9
136	**40430**		3	75	0	0	1	25	4
137	**40431**	32	2	67	1	33	0	0	3
138	**40434**		1	33	1	33	1	33	3
139	**40437**			0		0	1	100	1
140	**40439**		0	0	3	100	0	0	3
141	**40441**		1	100		0		0	1
142	**40442**		2	50	1	25	1	25	4
143	**40443**		3	100	0	0	0	0	3
144	**40444**		0	0	0	0	2	100	2
145	**40445**			0		0	1	100	1
146	**40446**		0	0	0	0	2	100	2
147	**40447**	38	1	50	0	0	1	50	2
	TOTALS		84	16	180	34	259	50	524

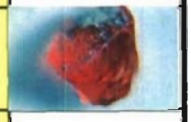
Abrasion of Eclogitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total EG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	Photo
40206	525	11	0.3				1	
	526		0.3			1		
	527		0.3		1			
	528		0.3				1	
	529		0.3			1		
	530		0.3				1	
	531		0.25				1	
	532		0.25			1		
	533		0.25		1			
	534		0.25				1	
	535		0.25		1			
40213	536	6	0.4			1		
	537		0.3	lost				
	538		0.3			1		
	539		0.3			1		
	540		0.3				1	
	541		0.3				1	
	542		0.25				1	
40214	543	6	0.4				1	
	544		0.3			1		
	545		0.3			1		
	546		0.25			1		
	547		0.25			1		
	548		0.25				1	
40165	549	6	0.4				1	
	550		0.3			1		
	551		0.3				1	
	552		0.3		1			
	553		0.3				1	
	554		0.25				1	
40166	555	6	0.3				1	
	556		0.3				1	
	557		0.3				1	
	558		0.25		1			
	559		0.25			1		
	560		0.25			1		
40210	561	6	0.3			1		
	562		0.3				1	
	563		0.3				1	
	564		0.25			1		
	565		0.25			1		
	566		0.25			1		
40207	567	4	0.4			1		
	568		0.3			1		
	569		0.3				1	
	570		0.25			1		
40413	571	4	0.25				1	
	572		0.25			1		
	573		0.25			1		
	574		0.25			1		

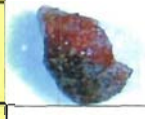
Abrasion of Eclogitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total EG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	Photo
40434	575	4	0.3	41	1			
	576		0.3		1			
	577		0.3				1	
	578		0.3				1	
40299	579	4	0.25				1	
	580		0.25				1	
	581		0.25				1	
	582		0.25				1	
40288	583	4	0.25				1	
	584		0.25				1	
	585		0.25	42	1			
	586		0.25			1		
32189	587	3	0.3				1	
	588		0.3			1		
	589		0.3				1	
40215	590	3	0.3				1	
	591		0.3			1		
	592		0.3				1	
40151	593	3	0.25			1		
	594		0.25				1	
	595		0.25				1	
40439	596	3	0.3				1	
	597		0.3				1	
	598		0.25			1		
40317	599	3	0.25				1	
	600		0.25			1		
	601		0.25			1		
40417	602	3	0.5	44		1		
	603		0.25			1		
	604		0.25			1		
40418	605	3	0.3			1		
	606		0.3				1	
	607		0.25				1	
40424	608	3	0.3			1		
	609		0.3			1		
	610		0.25			1		
40444	611	3	0.3				1	
	612		0.25				1	
	613		0.25				1	
40285	614	2	0.5	45		1		
	615		0.3	lost				
	616		0.25				1	

Abrasion of Eclogitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total EG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	Photo
40425	617	3	0.4	46	1			
	618		0.3			1		
	619		0.25			1		
32048	620	2	0.3			1		
	621		0.25				1	
32047	622	2	0.4				1	
	623		0.3			1		
40163	624	2	0.4				1	
	625		0.25				1	
32046	626	2	0.3			1		
	627		0.25				1	
40208	628	2	0.3				1	
	629		0.25				1	
40275	630	2	0.3				1	
	631		0.25				1	
40412	632	2	0.3				1	
	633		0.25				1	
40279	634	2	0.3		1			
	635		0.3				1	
40283	636	2	0.25				1	
	637		0.25				1	
40247	638	2	0.3				1	
	639		0.3			1		
40442	640	2	0.3				1	
	641		0.3			1		
32157	642	2	0.4				1	
	643		0.3				1	
40164	644	2	0.5	48		1		
	645		0.3				1	
40303	646	2	0.3				1	
	647		0.25				1	
32045	648	2	0.3				1	
	649		0.3		1			
40266	650	2	0.3				1	
	651		0.25				1	
40290	652	2	0.25	47			1	
	653		0.25			1		
40300	654	2	0.25				1	
	655		0.25				1	
40416	656	2	0.25				1	
	657		0.25			1		
40437	658	2	0.3				1	
	659		0.3				1	
40441	660	2	0.3			1		
	661		0.3				1	
40427	662	2	0.25				1	
	663		0.25		1			

Abrasion of Eclogitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total EG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	Photo
40440	664	2	0.3				1	
	665		0.25				1	
40205	666	1	0.3			1		
40315	667	1	0.3			1		
40421	668	1	0.5				1	
32065	669	1	0.4			1		
32173	670	1	0.5				1	
40289	671	1	0.25				1	
40256	672	1	0.3			1		
40314	673	1	0.3			1		
32055	674	1	0.25				1	
32150	675	1	0.25				1	
32164	676	1	0.25				1	
40154	677	1	0.3				1	
40170	678	1	0.3	53	1			
40248	679	1	0.3			1		
40313	680	1	0.3				1	
40431	681	1	0.3				1	
32068	682	1	0.3		1			
40152	683	1	0.25				1	
40167	684	1	0.5		1			
32180	685	1	0.25				1	
40209	686	1	0.25				1	
40254	687	1	0.25				1	
40267	688	1	0.4				1	
40307	689	1	0.25				1	
40367	690	1	0.25				1	
40446	691	1	0.5	50	1			
32054	692		0.25	lost				
32092	693	1	0.3			1		
32161	694	1	0.5				1	
32169	695	1	0.25		1			
32152	696	1	0.5		1			
32156	697	1	0.25				1	
40211	698	1	0.3	49			1	
40278	699	1	0.3				1	
40281	700	1	0.3		1			
40298	701	1	0.25			1		

Abrasion of Eclogitic Garnet corresponding locations on Grain Mount Ledgers (GML)

Sample #	GML location #	Total EG	Size (mm)	Photo #	unabraded	slightly abraded	well abraded	Photo
40311	702	1	0.25				1	
32040	703	1	0.3				1	
32041	704	1	0.3				1	
32059	705	1	0.25				1	
32061	706	1	0.3			1		
32095	707	1	0.3				1	
32149	708	1	0.3			1		
32160	709	1	0.25				1	
32163	710	1	0.3				1	
32168	711	1	0.4				1	
40168	712	1	0.25				1	
32171	713	1	0.3			1		
40309	714	1	0.25				1	
40369	715	1	0.25			1		
40415	716	1	0.3			1		
40428	717	1	0.25				1	
Total		190		11	19	62	109	

Sample	Photo #	ABRASION OF ECLOGITIC GARNET						Total EG
		unabraded		***slightly-abraded***		***well abraded***		
		Non fractured and covered with >50% of kelephytic rim or resorption or with razor sharp fractured edges	%	*fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges*	%	*completely fractured with not preserved surface and worn out fractured edges*	%	
32040			**0**		**0**	1	**100**	1
32041			**0**		**0**	1	**100**	1
32045		1	**50**		**0**	1	**50**	2
32046			**0**	1	**50**	1	**50**	2
32047			**0**	1	**50**	1	**50**	2
32048			**0**	1	**50**	1	**50**	2
32054	lost							
32055			**0**		**0**	1	**100**	1
32059			**0**		**0**	1	**100**	1
32061			**0**	1	**100**		**0**	1
32065			**0**	1	**100**		**0**	1
32068		1	**100**		**0**		**0**	1
32092			**0**	1	**100**		**0**	1
32095			**0**		**0**	1	**100**	1
32149			**0**	1	**100**		**0**	1
32150			**0**		**0**	1	**100**	1
32152		1	**100**		**0**		**0**	1
32156			**0**		**0**	1	**100**	1
32157			**0**		**0**	2	**100**	2
32160			**0**		**0**	1	**100**	1
32161			**0**		**0**	1	**100**	1
32163			**0**		**0**	1	**100**	1
32164			**0**		**0**	1	**100**	1
32168			**0**		**0**	1	**100**	1
32169		1	**100**		**0**		**0**	1
32171			**0**	1	**100**		**0**	1
32173			**0**		**0**	1	**100**	1
32180			**0**		**0**	1	**100**	1
32189			**0**	1	**33**	2	**67**	3
40151			**0**	1	**33**	2	**67**	3
40152			**0**		**0**	1	**100**	1
40154			**0**		**0**	1	**100**	1
40163			**0**		**0**	2	**100**	2
40164	48		**0**	1	**50**	1	**50**	2
40165		1	**17**	1	**17**	4	**67**	6
40166		1	**17**	2	**33**	3	**50**	6
40167		1	**100**		**0**		**0**	1
40168			**0**		**0**	1	**100**	1
40170	53	1	**100**		**0**		**0**	1
40205			**0**	1	**100**		**0**	1
40206		3	**27**	3	**27**	5	**45**	11
40207			**0**	3	**75**	1	**25**	4

Graph 8 *(1)*

Sample	Photo #	ABRASION OF ECLOGITIC GARNET						Total EG
		unabraded	%	slightly-abraded	%	well abraded	%	
		Non fractured and covered with >50% of kelephytic rim or resorption or with razor sharp fractured edges		fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges		completely fractured with not preserved surface and worn out fractured edges		
40208			0		0	2	100	2
40209			0		0	1	100	1
40210			0	4	67	2	33	6
40211	49		0		0	1	100	1
40213			0	3	50	3	50	6
40214			0	4	67	2	33	6
40215			0	1	33	2	67	3
40247			0	1	50	1	50	2
40248			0	1	100		0	1
40254			0		0	1	100	1
40256			0	1	100		0	1
40266			0		0	2	100	2
40267			0		0	1	100	1
40275			0		0	2	100	2
40278			0		0	1	100	1
40279		1	50		0	1	50	2
40281		1	100		0		0	1
40283			0		0	2	100	2
40285	45		0	1	50	1	50	2
40288		1	25	1	25	2	50	4
40289			0		0	1	100	1
40290	47		0	1	50	1	50	2
40298			0	1	100		0	1
40299			0		0	4	100	4
40300			0		0	2	100	2
40303			0		0	2	100	2
40307			0		0	1	100	1
40309			0		0	1	100	1
40311			0		0	1	100	1
40313			0		0	1	100	1
40314			0	1	100		0	1
40315			0	1	100		0	1
40317			0	2	67	1	33	3
40367			0		0	1	100	1
40369			0	1	100		0	1

Graph 8 (2)

Sample	Photo #	ABRASION OF ECLOGITIC GARNET						Total EG
		unabraded		***slightly-abraded***		***well abraded***		
		Non fractured and covered with >50% of kelephytic rim or resorption or with razor sharp fractured edges	%	*fractured with partially preserved surface features or specs of kelephytic rim or slightly abraded fractured edges*	%	*completely fractured with not preserved surface and worn out fractured edges*	%	
40412			**0**		**0**	2	**100**	2
40413			**0**	3	**75**	1	**25**	4
40415			**0**	1	**100**		**0**	1
40416			**0**	1	**50**	1	**50**	2
40417	44		**0**	3	**100**		**0**	3
40418			**0**	1	**33**	2	**67**	3
40421			**0**		**0**	1	**100**	1
40424			**0**	3	**100**		**0**	3
40425	46	1	**33**	2	**67**		**0**	3
40427		1	**50**		**0**	1	**50**	2
40428			**0**		**0**	1	**100**	1
40431			**0**		**0**	1	**100**	1
40434	41	2	**50**		**0**	2	**50**	4
40437			**0**		**0**	2	**100**	2
40439			**0**	1	**33**	2	**67**	3
40440			**0**		**0**	2	**100**	2
40441			**0**	1	**50**	1	**50**	2
40442			**0**	1	**50**	1	**50**	2
40444			**0**		**0**	3	**100**	3
40446	50	1	**100**		**0**		**0**	1
TOTALS		19	**10**	62	**33**	109	**57**	190

Graph 8 *(3)*

#	Sample	Photo #	Morphological groups of picroilmenite (number of grains and percentage)								T nu e
			fractured (brittle, sharp, conchoidal fractures, no surface preserved)	%	subrounded with **smooth/matte surface** and metalic luster	%	**coated with "bumpy surface"** (leucoxene, rutile, anatase coatings)	%	**polygranular** with coatings or without, multiply crustal growth	%	
1	**32001**		17	**55**	5	**16**	9	**29**	0	**0**	
2	**32002**		3	**60**	2	**40**	0	**0**	0	**0**	
3	**32040**		3	**75**	0	**0**	0	**0**	1	**25**	
4	**32041**		6	**67**	1	**11**	2	**22**	0	**0**	
5	**32042**		11	**85**	0	**0**	1	**8**	1	**8**	
6	**32043**		4	**80**	0	**0**	1	**20**	0	**0**	
7	**32044**		5	**63**	0	**0**	3	**38**	0	**0**	
8	**32045**		7	**41**	6	**35**	4	**24**	0	**0**	
9	**32046**		10	**31**	6	**19**	10	**31**	6	**19**	
10	**32047**		19	**63**	5	**17**	4	**13**	2	**7**	
11	**32048**	63	16	**41**	12	**31**	10	**26**	1	**3**	
12	**32049**		7	**100**	0	**0**	0	**0**	0	**0**	
13	**32050**		6	**55**	2	**18**	3	**27**	0	**0**	
14	**32051**		7	**88**	1	**13**	0	**0**	0	**0**	
15	**32052**		2	**50**	0	**0**	2	**50**	0	**0**	
16	**32053**		1	**9**	3	**27**	7	**64**	0	**0**	
17	**32054**		1	**100**	0	**0**	0	**0**	0	**0**	
18	**32055**		5	**31**	3	**19**	7	**44**	1	**6**	
19	**32056**		2	**67**	0	**0**	0	**0**	1	**33**	
20	**32057**		2	**67**	1	**33**	0	**0**	0	**0**	
21	**32058**		3	**60**	1	**20**	1	**20**	0	**0**	
22	**32059**		6	**60**	1	**10**	3	**30**	0	**0**	
23	**32060**		4	**100**	0	**0**	0	**0**	0	**0**	
24	**32061**		8	**80**	2	**20**	0	**0**	0	**0**	
25	**32062**		10	**48**	5	**24**	5	**24**	1	**5**	
26	**32063**		4	**80**	0	**0**	1	**20**	0	**0**	
27	**32064**		7	**64**	3	**27**	1	**9**	0	**0**	
28	**32065**		4	**50**	1	**13**	2	**25**	1	**13**	
29	**32066**		5	**56**	0	**0**	4	**44**	0	**0**	
30	**32067**		5	**83**	1	**17**	0	**0**	0	**0**	
31	**32068**		2	**100**	0	**0**	0	**0**	0	**0**	
32	**32092**		2	**67**	1	**33**	0	**0**	0	**0**	
33	**32093**		10	**100**	0	**0**	0	**0**	0	**0**	
34	**32094**		4	**67**	0	**0**	0	**0**	2	**33**	
35	**32095**		4	**36**	0	**0**	0	**0**	7	**64**	
36	**32096**		2	**100**	0	**0**	0	**0**	0	**0**	
37	**32144**		1	**50**	0	**0**	1	**50**	0	**0**	
38	**32145**		3	**100**	0	**0**	0	**0**	0	**0**	
39	**32146**		3	**75**	0	**0**	1	**25**	0	**0**	

#	Sample	Photo #	Morphological groups of picroilmenite (number of grains and percentage)								T ni e
			fractured (brittle, sharp, conchoidal fractures, no surface preserved)	%	subrounded with **smooth/matte surface** and metalic luster	%	**coated with "bumpy surface"** (leucoxene, rutile, anatase coatings)	%	**polygranular** with coatings or without, multiply crustal growth	%	
40	**32147**		10	**100**	0	**0**	0	**0**	0	**0**	
41	**32148**		1	**100**	0	**0**	0	**0**	0	**0**	
42	**32149**		2	**67**	0	**0**	1	**33**	0	**0**	
43	**32150**		4	**80**	0	**0**	1	**20**	0	**0**	
44	**32151**		2	**100**	0	**0**	0	**0**	0	**0**	
45	**32152**		8	**67**	3	**25**	0	**0**	1	**8**	
46	**32153**		3	**60**	0	**0**	2	**40**	0	**0**	
47	**32154**		7	**100**	0	**0**	0	**0**	0	**0**	
48	**32155**		7	**70**	2	**20**	1	**10**	0	**0**	
49	**32156**		3	**33**	5	**56**	1	**11**	0	**0**	
50	**32157**		4	**57**	0	**0**	2	**29**	1	**14**	
51	**32158**		5	**56**	0	**0**	4	**44**	0	**0**	
52	**32159**		6	**55**	1	**9**	3	**27**	1	**9**	
53	**32160**		1	**100**	0	**0**	0	**0**	0	**0**	
54	**32161**		1	**100**	0	**0**	0	**0**	0	**0**	
55	**32162**		2	**67**	1	**33**	0	**0**	0	**0**	
56	**32163**		1	**100**	0	**0**	0	**0**	0	**0**	
57	**32164**		5	**63**	1	**13**	2	**25**	0	**0**	
58	**32165**		9	**43**	8	**38**	2	**10**	2	**10**	
59	**32166**		1	**100**	0	**0**	0	**0**	0	**0**	
60	**32167**		4	**80**	0	**0**	1	**20**	0	**0**	
61	**32168**		6	**50**	0	**0**	6	**50**	0	**0**	
62	**32169**		8	**100**	0	**0**	0	**0**	0	**0**	
63	**32170**		5	**100**	0	**0**	0	**0**	0	**0**	
64	**32171**		1	**50**	0	**0**	1	**50**	0	**0**	
65	**32172**		5	**63**	2	**25**	1	**13**	0	**0**	
66	**32173**		2	**100**	0	**0**	0	**0**	0	**0**	
67	**32174**		1	**17**	3	**50**	2	**33**	0	**0**	
68	**32175**		5	**45**	3	**27**	3	**27**	0	**0**	
69	**32176**		7	**64**	1	**9**	3	**27**	0	**0**	
70	**32180**		6	**100**	0	**0**	0	**0**	0	**0**	
71	**32181**		12	**35**	14	**41**	6	**18**	2	**6**	
72	**32182**	64	15	**48**	6	**19**	6	**19**	4	**13**	
73	**32183**		1	**100**	0	**0**	0	**0**	0	**0**	
74	**32187**		3	**100**	0	**0**	0	**0**	0	**0**	
75	**32188**		8	**89**	0	**0**	1	**11**	0	**0**	
76	**32189**		5	**45**	1	**9**	5	**45**	0	**0**	
77	**40151**		7	**70**	0	**0**	3	**30**	0	**0**	
78	**40152**		5	**71**	0	**0**	2	**29**	0	**0**	

#	Sample	Photo #	Morphological groups of picroilmenite (number of grains and percentage)								T ni e
			fractured (brittle, sharp, conchoidal fractures, no surface preserved)	%	subrounded with **smooth/matte surface** and metalic luster	%	**coated with "bumpy surface"** (leucoxene, rutile, anatase coatings)	%	**polygranular** with coatings or without, multiply crustal growth	%	
79	**40153**	60	10	**53**	3	**16**	4	**21**	2	**11**	
80	**40154**		9	**82**	1	**9**	0	**0**	1	**9**	
81	**40155**		4	**100**	0	**0**	0	**0**	0	**0**	
82	**40156**		1	**100**	0	**0**	0	**0**	0	**0**	
83	**40162**		7	**58**	0	**0**	2	**17**	3	**25**	
84	**40163**		10	**28**	11	**31**	8	**22**	7	**19**	
85	**40164**		3	**60**	1	**20**	1	**20**	0	**0**	
86	**40165**	55-58	53	**43**	31	**25**	23	**19**	17	**14**	
87	**40166**		25	**52**	4	**8**	11	**23**	8	**17**	
88	**40167**		3	**75**	0	**0**	1	**25**	0	**0**	
89	**40168**		3	**100**	0	**0**	0	**0**	0	**0**	
90	**40169**	59	14	**64**	3	**14**	3	**14**	2	**9**	
91	**40170**		3	**50**	0	**0**	3	**50**	0	**0**	
92	**40204**		8	**38**	2	**10**	10	**48**	1	**5**	
93	**40205**		7	**78**	0	**0**	1	**11**	1	**11**	
94	**40206**	65	41	**53**	13	**17**	13	**17**	10	**13**	
95	**40207**		7	**78**	0	**0**	1	**11**	1	**11**	
96	**40208**		20	**59**	5	**15**	8	**24**	1	**3**	
97	**40209**		10	**67**	1	**7**	4	**27**	0	**0**	
98	**40210**		23	**72**	3	**9**	5	**16**	1	**3**	
99	**40211**		4	**31**	0	**0**	7	**54**	2	**15**	
100	**40212**		0	**0**	0	**0**	2	**100**	0	**0**	
101	**40213**		14	**58**	2	**8**	3	**13**	5	**21**	
102	**40214**		22	**32**	16	**23**	21	**30**	10	**14**	
103	**40215**	66	21	**44**	1	**2**	22	**46**	4	**8**	
104	**40216**		17	**61**	5	**18**	6	**21**	0	**0**	
105	**40217**		5	**83**	0	**0**	1	**17**	0	**0**	
106	**40246**		2	**100**	0	**0**	0	**0**	0	**0**	
107	**40247**		10	**56**	5	**28**	3	**17**	0	**0**	
108	**40248**		7	**78**	0	**0**	2	**22**	0	**0**	
109	**40250**		13	**45**	7	**24**	5	**17**	4	**14**	
110	**40251**		10	**56**	4	**22**	4	**22**	0	**0**	
111	**40252**		5	**83**	1	**17**	0	**0**	0	**0**	
112	**40253**		6	**67**	0	**0**	3	**33**	0	**0**	
113	**40254**		3	**60**	0	**0**	2	**40**	0	**0**	
114	**40255**			**0**	0	**0**	1	**100**	0	**0**	
115	**40256**		6	**67**	1	**11**	2	**22**	0	**0**	
116	**40264**		2	**100**	0	**0**	0	**0**	0	**0**	
117	**40266**		9	**82**	0	**0**	2	**18**	0	**0**	

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118	**40270**		4	**80**	1	**20**	0	**0**	0	**0**	
119	**40275**		5	**36**	4	**29**	5	**36**	0	**0**	
120	**40276**		13	**93**	0	**0**	1	**7**	0	**0**	
121	**40277**		6	**75**	0	**0**	2	**25**	0	**0**	
122	**40278**		11	**22**	18	**37**	12	**24**	8	**16**	
123	**40279**		15	**43**	9	**26**	7	**20**	4	**11**	
124	**40280**		5	**63**	0	**0**	1	**13**	2	**25**	
125	**40281**		3	**100**	0	**0**	0	**0**	0	**0**	
126	**40282**		13	**57**	9	**39**	1	**4**	0	**0**	
127	**40283**		4	**100**	0	**0**	0	**0**	0	**0**	
128	**40285**		5	**45**	3	**27**	3	**27**	0	**0**	
129	**40286**		5	**56**	2	**22**	2	**22**	0	**0**	
130	**40287**		6	**100**	0	**0**	0	**0**	0	**0**	
131	**40288**		6	**55**	5	**45**	0	**0**	0	**0**	
132	**40289**		15	**58**	7	**27**	4	**15**	0	**0**	
133	**40290**		17	**71**	3	**13**	4	**17**	0	**0**	
134	**40298**		6	**100**	0	**0**	0	**0**	0	**0**	
135	**40299**		12	**67**	5	**28**	1	**6**	0	**0**	
136	**40300**		9	**82**	1	**9**	1	**9**	0	**0**	
137	**40301**		2	**67**	0	**0**	1	**33**	0	**0**	
138	**40302**		4	**57**	2	**29**	1	**14**	0	**0**	
139	**40303**		6	**100**	0	**0**	0	**0**	0	**0**	
140	**40304**		2	**50**	0	**0**	1	**25**	1	**25**	
141	**40305**		5	**100**	0	**0**	0	**0**	0	**0**	
142	**40306**		7	**54**	2	**15**	3	**23**	1	**8**	
143	**40307**		14	**67**	6	**29**	1	**5**	0	**0**	
144	**40308**		5	**38**	2	**15**	5	**38**	1	**8**	
145	**40309**		7	**78**	0	**0**	0	**0**	2	**22**	
146	**40310**			**0**	0	**0**	1	**100**	0	**0**	
147	**40311**	62	6	**50**	1	**8**	5	**42**	0	**0**	
148	**40313**		12	**55**	5	**23**	5	**23**	0	**0**	
149	**40314**		5	**56**	1	**11**	3	**33**	0	**0**	
150	**40315**		10	**67**	3	**20**	0	**0**	2	**13**	
151	**40316**		1	**100**	0	**0**	0	**0**	0	**0**	
152	**40317**		1	**100**	0	**0**	0	**0**	0	**0**	
153	**40365**		2	**100**	0	**0**	0	**0**	0	**0**	
154	**40366**		7	**88**	0	**0**	1	**13**	0	**0**	
155	**40367**		3	**75**	0	**0**	1	**25**	0	**0**	
156	**40368**		3	**100**	0	**0**	0	**0**	0	**0**	

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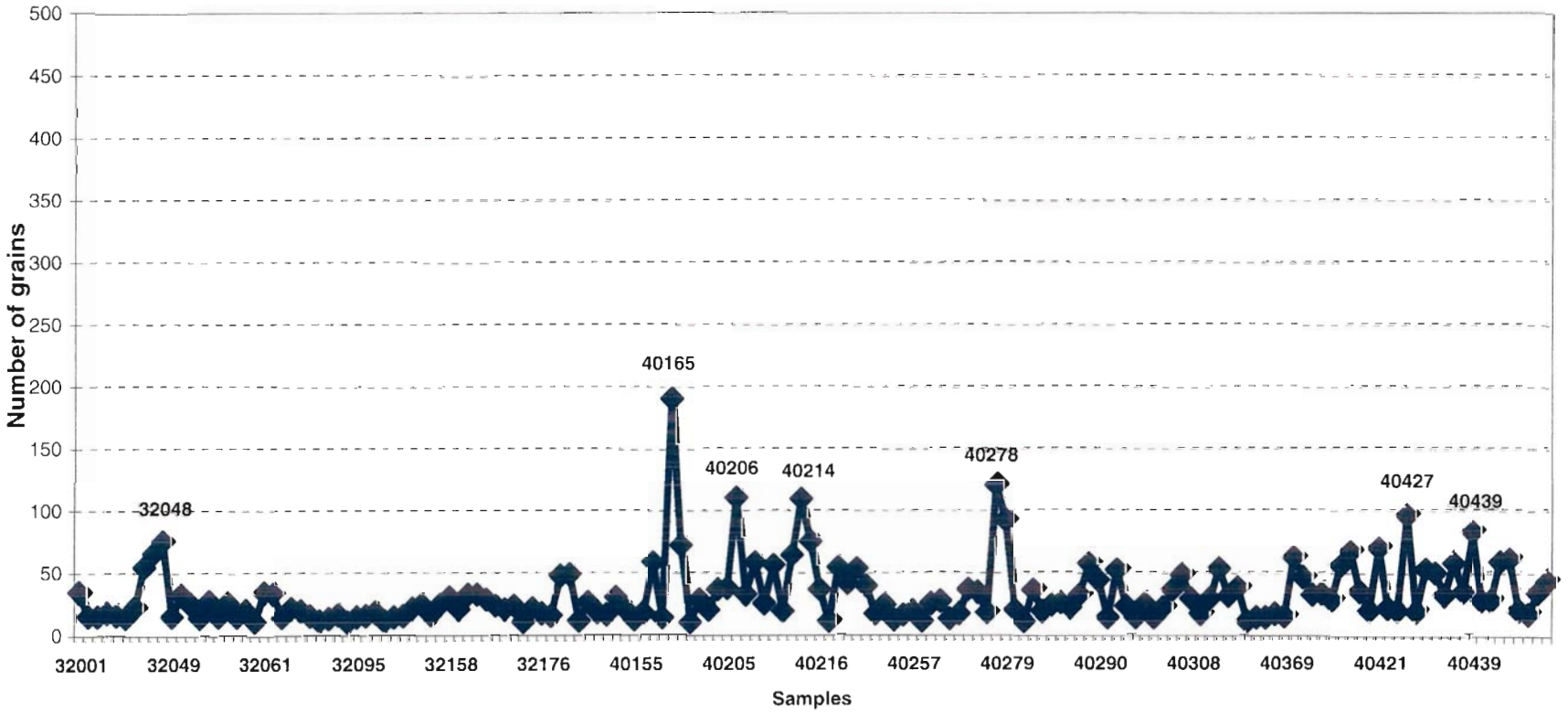
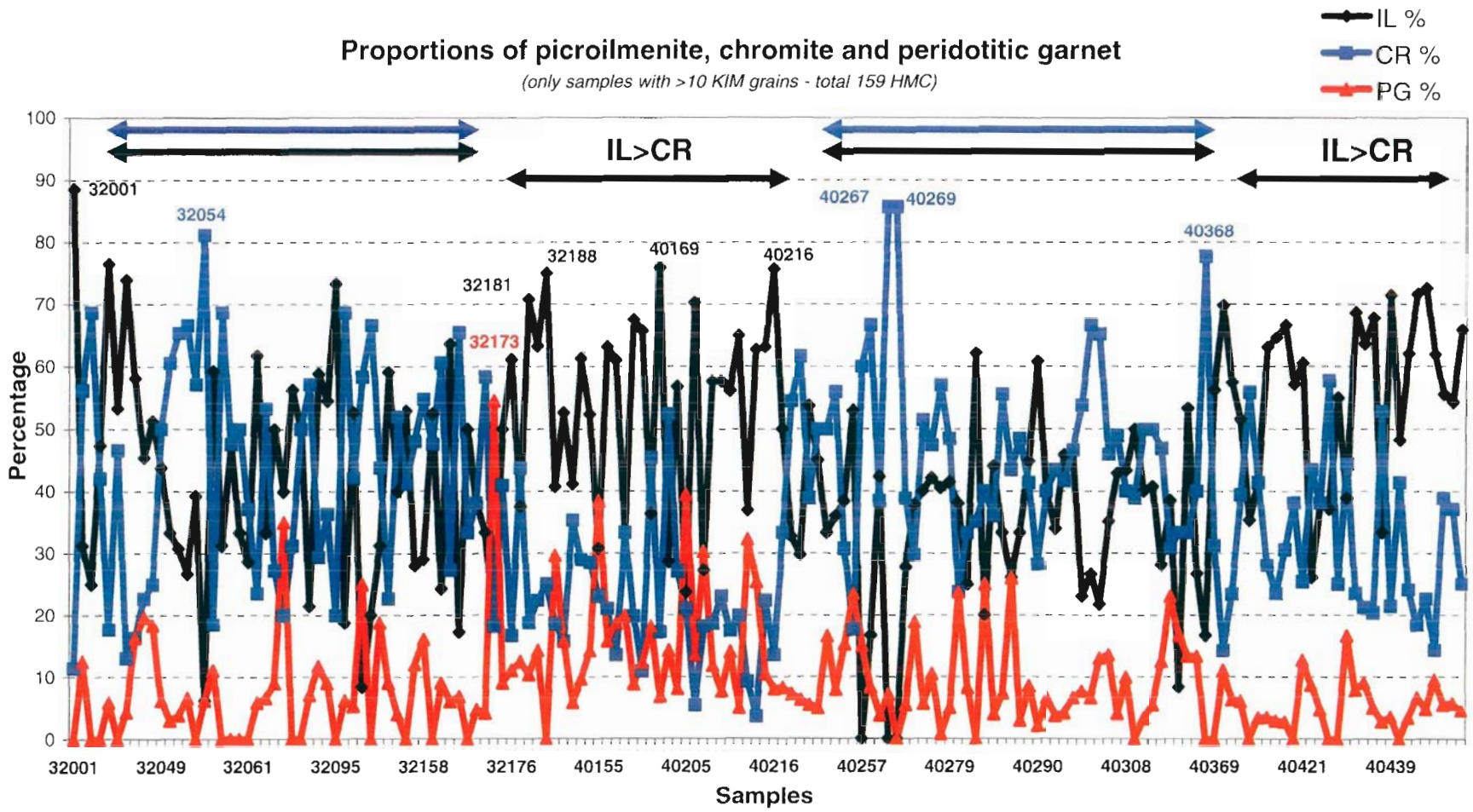
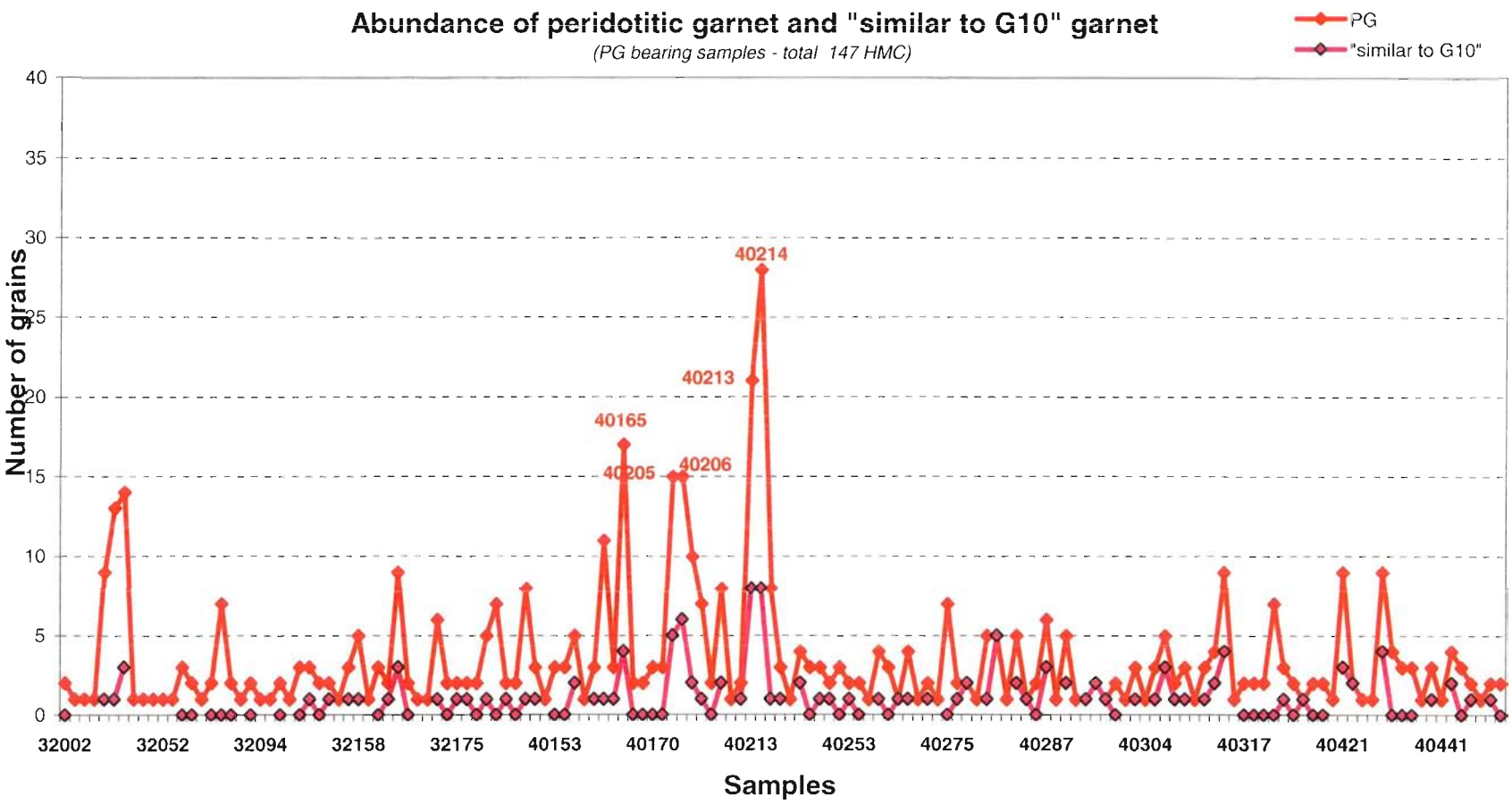
157	**40369**		8	**89**	0	**0**	1	**11**	0	**0**	
158	**40412**		14	**32**	9	**20**	16	**36**	5	**11**	
159	**40413**		12	**44**	6	**22**	9	**33**	0	**0**	
160	**40414**		14	**82**	2	**12**	1	**6**	0	**0**	
161	**40415**		6	**50**	0	**0**	6	**50**	0	**0**	
162	**40416**		6	**50**	2	**17**	4	**33**	0	**0**	
163	**40417**		17	**49**	10	**29**	7	**20**	1	**3**	
164	**40418**		17	**39**	13	**30**	7	**16**	7	**16**	
165	**40419**		9	**38**	10	**42**	3	**13**	2	**8**	
166	**40420**		8	**67**	0	**0**	4	**33**	0	**0**	
167	**40421**		18	**42**	8	**19**	11	**26**	6	**14**	
168	**40424**		5	**83**	0	**0**	1	**17**	0	**0**	
169	**40425**		8	**100**	0	**0**	0	**0**	0	**0**	
170	**40426**			**0**	0	**0**	1	**100**	0	**0**	
171	**40427**		19	**53**	6	**17**	11	**31**	0	**0**	
172	**40428**		6	**55**	4	**36**	1	**9**	0	**0**	
173	**40429**		12	**57**	1	**5**	8	**38**	0	**0**	
174	**40430**		12	**34**	5	**14**	14	**40**	4	**11**	
175	**40431**		15	**71**	2	**10**	3	**14**	1	**5**	
176	**40434**		20	**50**	9	**23**	7	**18**	4	**10**	
177	**40437**		10	**83**	0	**0**	2	**17**	0	**0**	
178	**40439**	67	25	**42**	14	**23**	12	**20**	9	**15**	
179	**40440**		4	**29**	8	**57**	2	**14**	0	**0**	
180	**40441**		12	**67**	3	**17**	2	**11**	1	**6**	
181	**40442**		12	**28**	8	**19**	9	**21**	14	**33**	
182	**40443**		24	**53**	12	**27**	6	**13**	3	**7**	
183	**40444**	61	10	**77**	0	**0**	2	**15**	1	**8**	
184	**40445**		5	**50**	2	**20**	2	**20**	1	**10**	
185	**40446**		14	**74**	2	**11**	3	**16**	0	**0**	
186	**40447**		10	**34**	5	**17**	9	**31**	5	**17**	
TOTAL			**1440**	**54**	**463**	**17**	**561**	**21**	**200**	**8**	2

All KIM abundance

(only samples with >10 KIM grains - total 159 HMC)

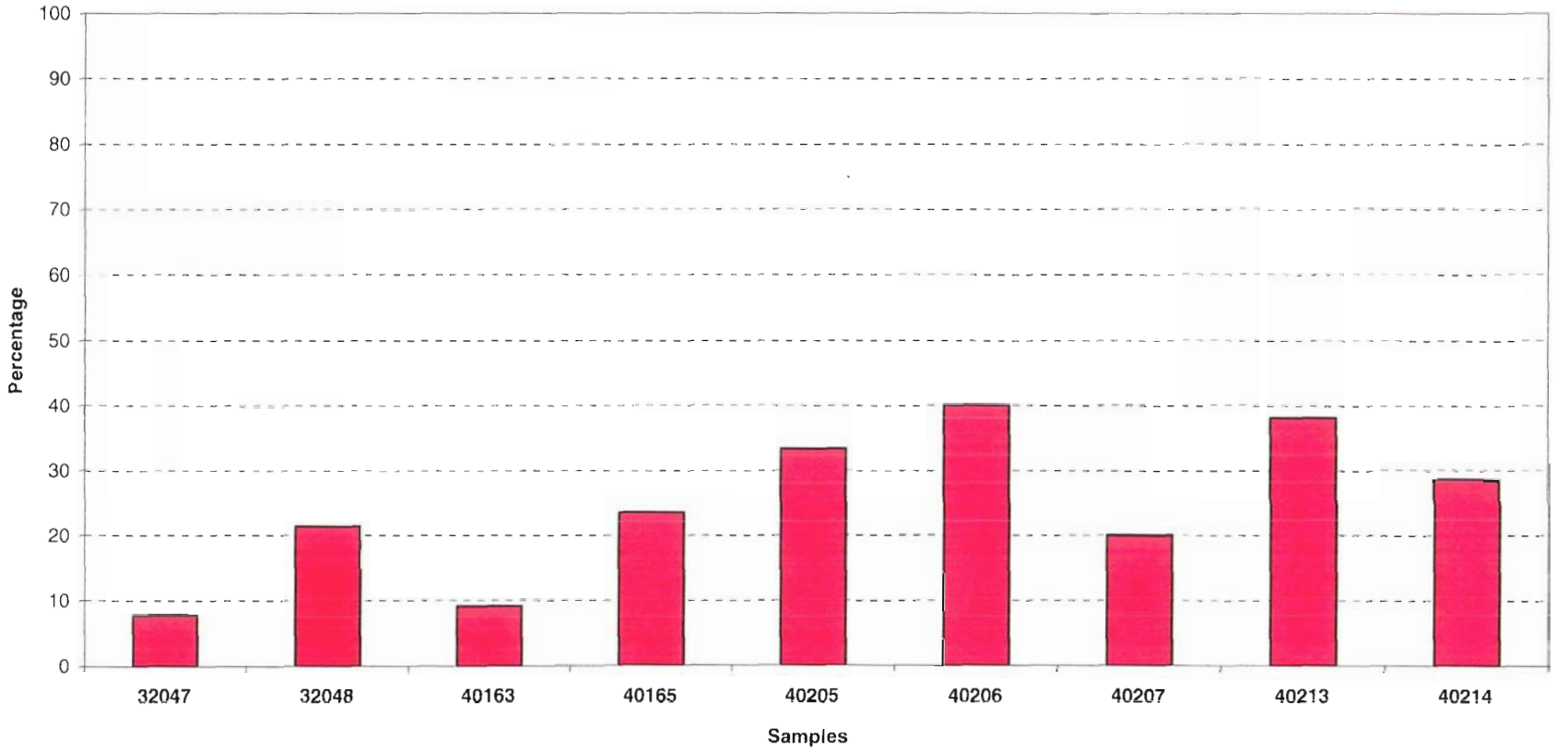



Proportions of picroilmenite, chromite and peridotitic garnet
(only samples with >10 KIM grains - total 159 HMC)
IL %
CR %
PG %
IL>CR
IL>CR
32001
32054
32181
32188
40169
40216
32173
40267
40269
40368
Percentage
Samples
0
10
20
30
40
50
60
70
80
90
100
32001
32049
32061
32095
32158
32176
40155
40205
40216
40257
40279
40290
40308
40369
40421
40439


Abundance of peridotitic garnet and "similar to G10" garnet
(PG bearing samples - total 147 HMC)
PG
"similar to G10"
Number of grains
Samples
40214
40213
40165
40205
40206
0
5
10
15
20
25
30
35
40
32002
32052
32094
32158
32175
40153
40170
40213
40253
40275
40287
40304
40317
40421
40441

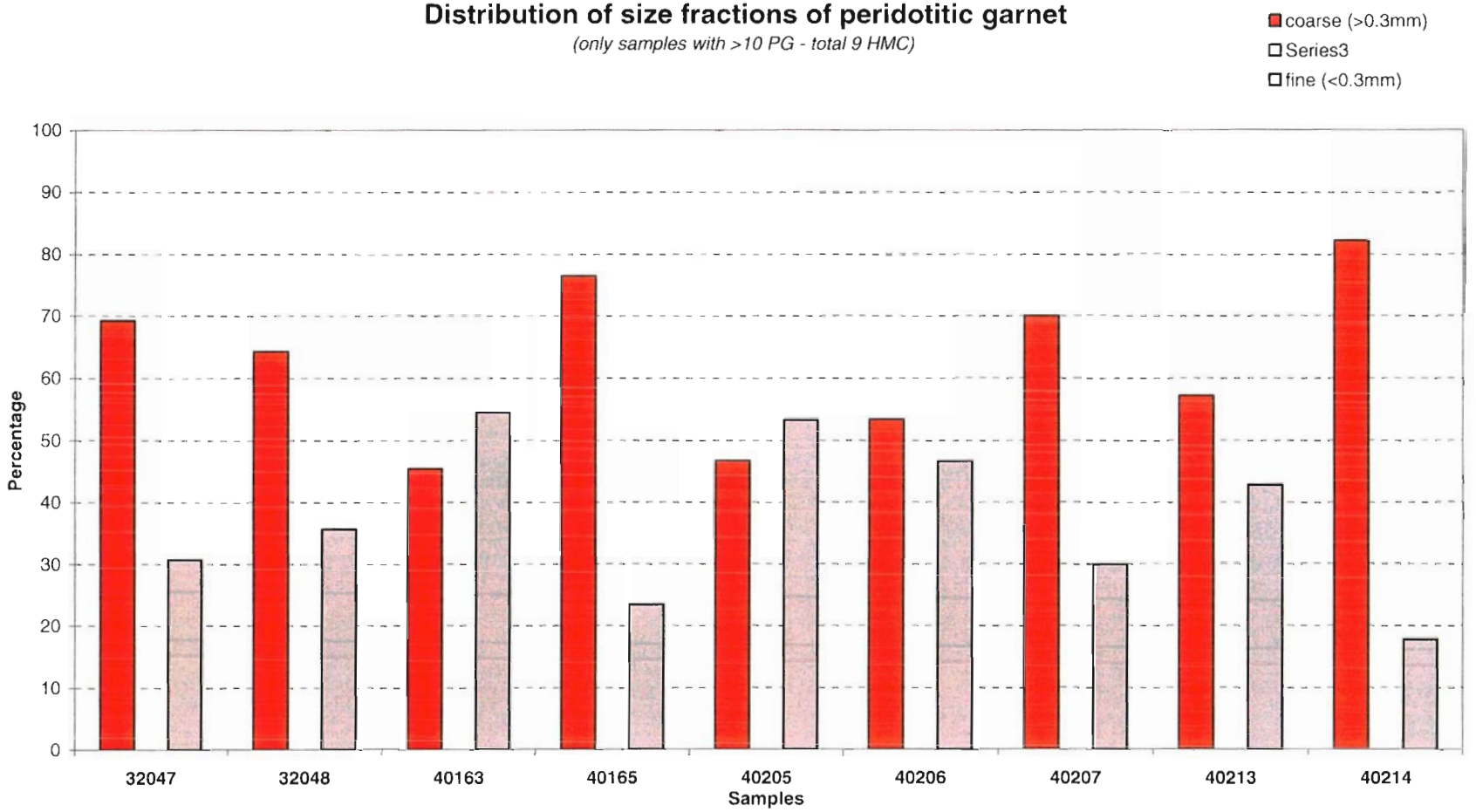
Percentage of "similar to G10 garnets"

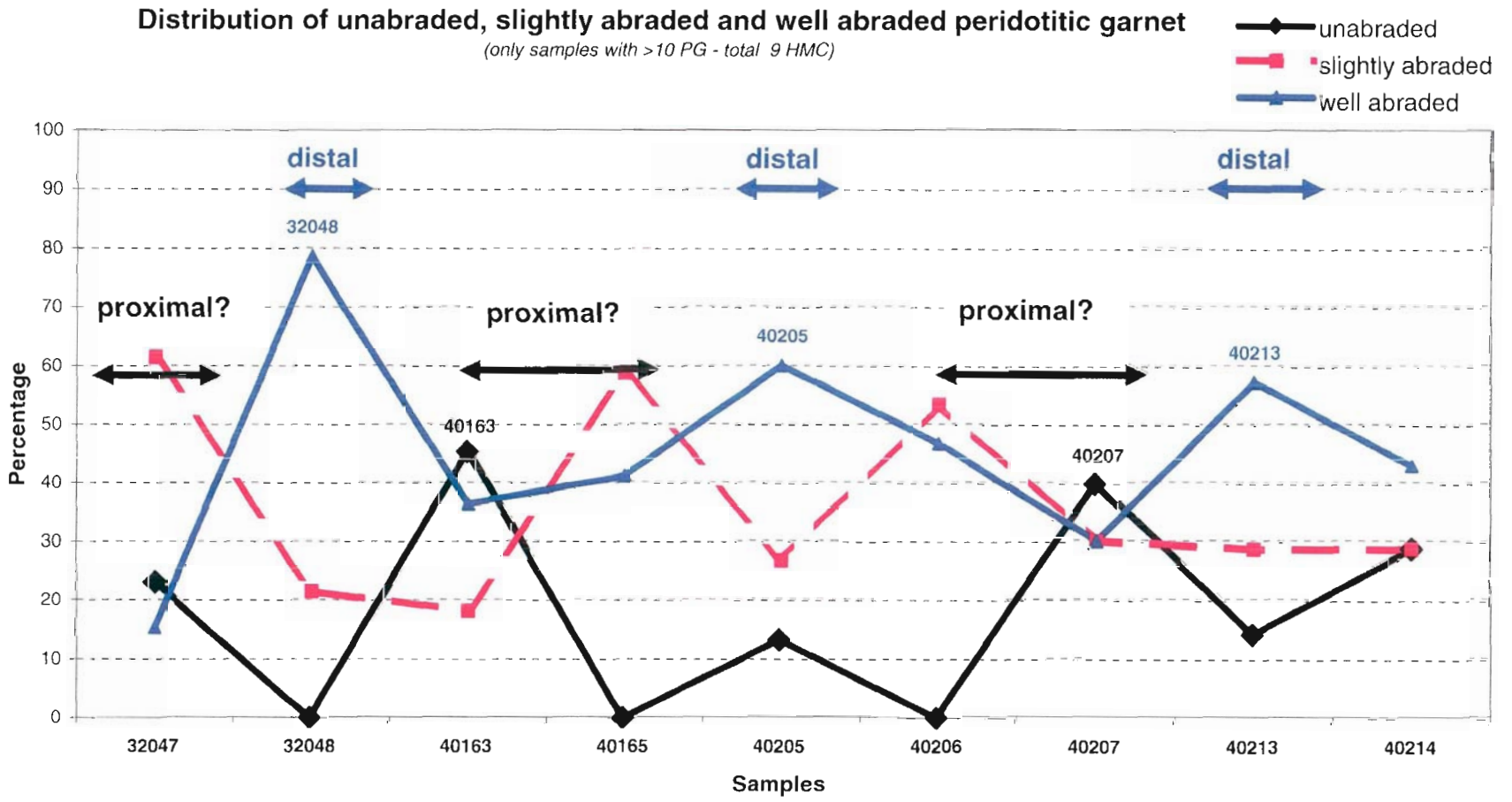
(only samples with >10 PG - total 9 HMC)

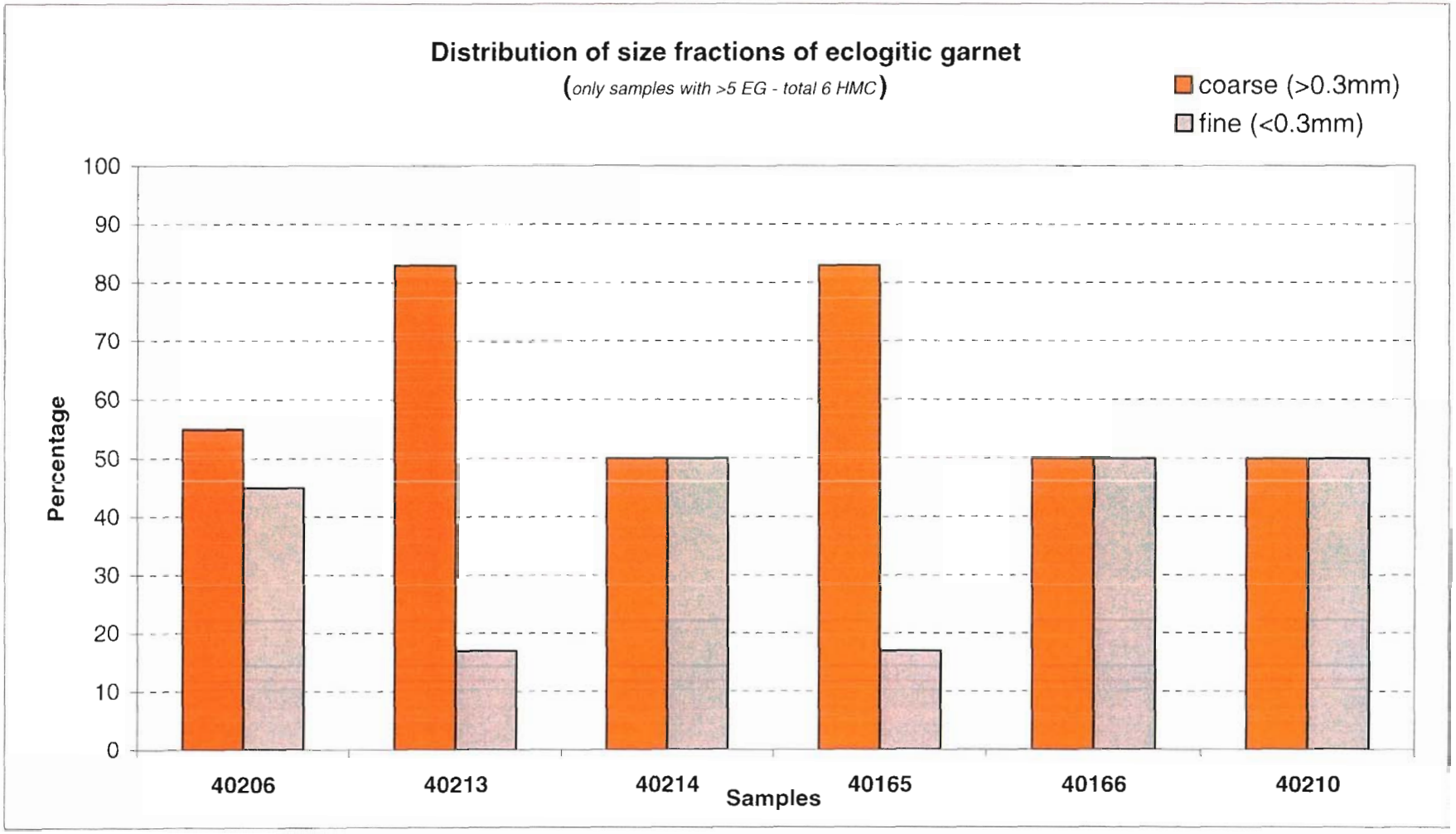


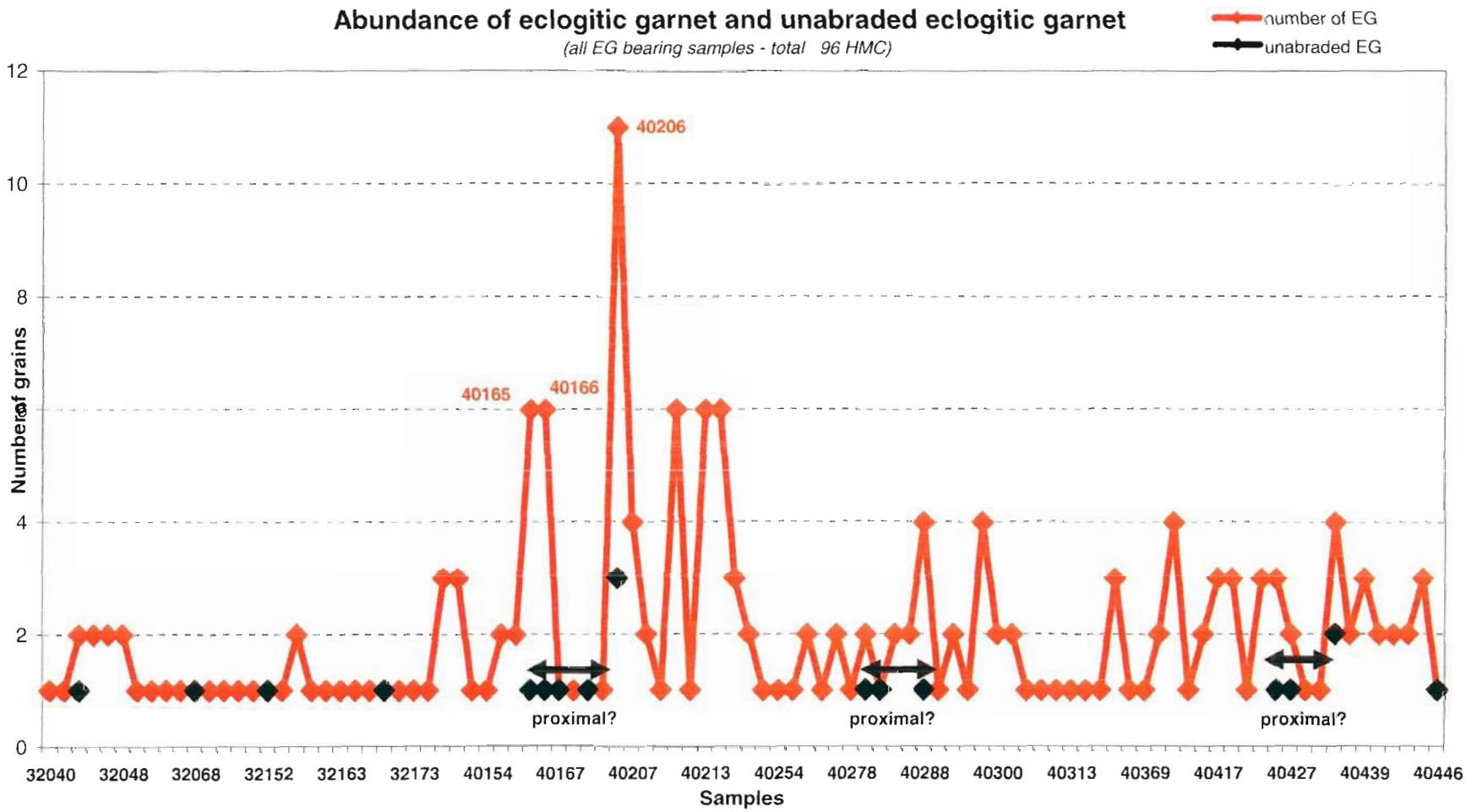
Distribution of size fractions of peridotitic garnet

(only samples with >10 PG - total 9 HMC)



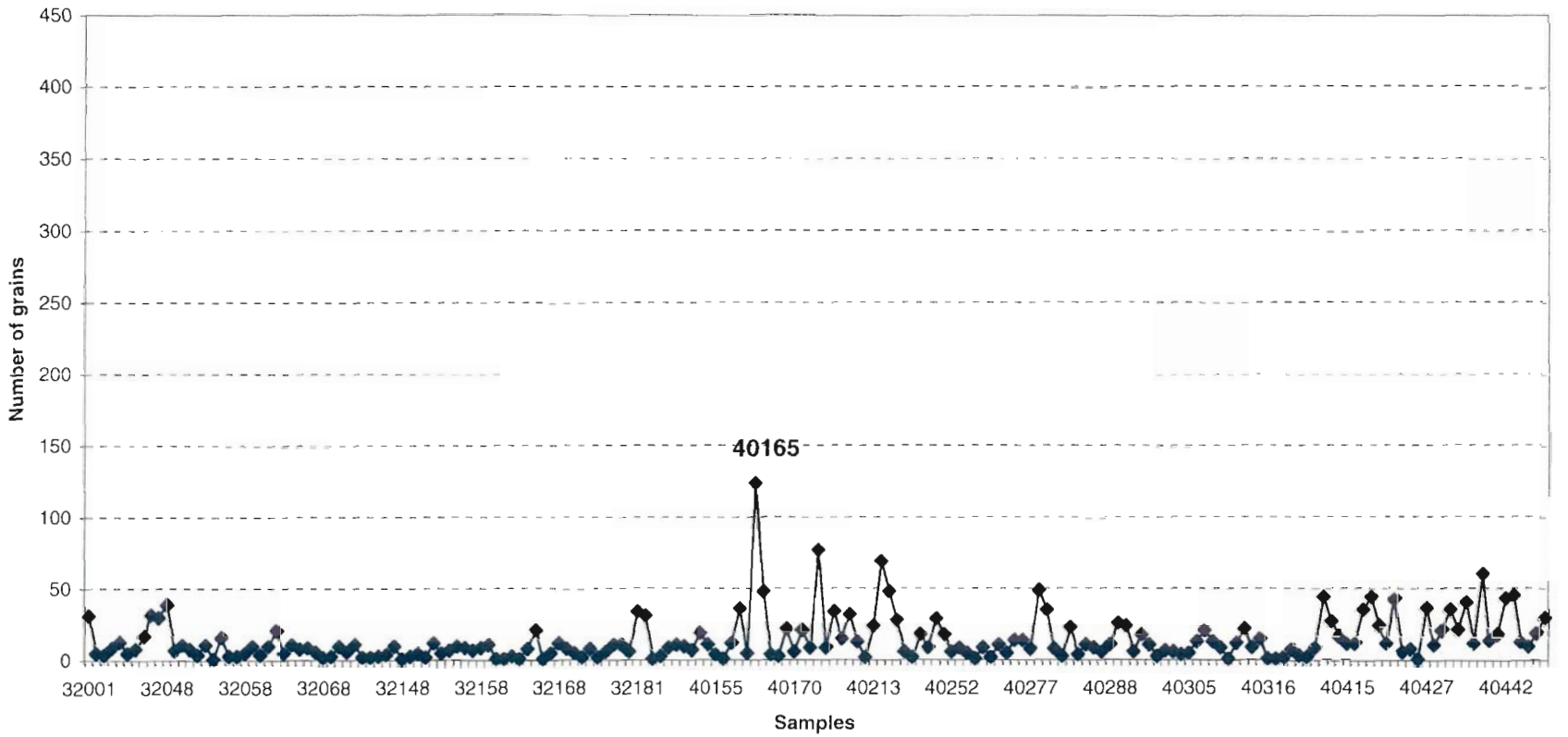

Distribution of unabraded, slightly abraded and well abraded peridotitic garnet
(only samples with >10 PG - total 9 HMC)
unabraded
slightly abraded
well abraded
distal
distal
distal
proximal?
proximal?
proximal?
32048
40205
40213
40163
40207
Percentage
100
90
80
70
60
50
40
30
20
10
0
32047
32048
40163
40165
40205
40206
40207
40213
40214
Samples


Distribution of size fractions of eclogitic garnet
(only samples with >5 EG - total 6 HMC)
coarse (>0.3mm)
fine (<0.3mm)
Percentage
100
90
80
70
60
50
40
30
20
10
0
40206
40213
40214
40165
40166
40210
Samples


Abundance of eclogitic garnet and unabraded eclogitic garnet
(all EG bearing samples - total 96 HMC)
number of EG
unabraded EG
Number of grains
12
10
8
6
4
2
0
40206
40165
40166
proximal?
proximal?
proximal?
32040
32048
32068
32152
32163
32173
40154
40167
40207
40213
40254
40278
40288
40300
40313
40369
40417
40427
40439
40446
Samples

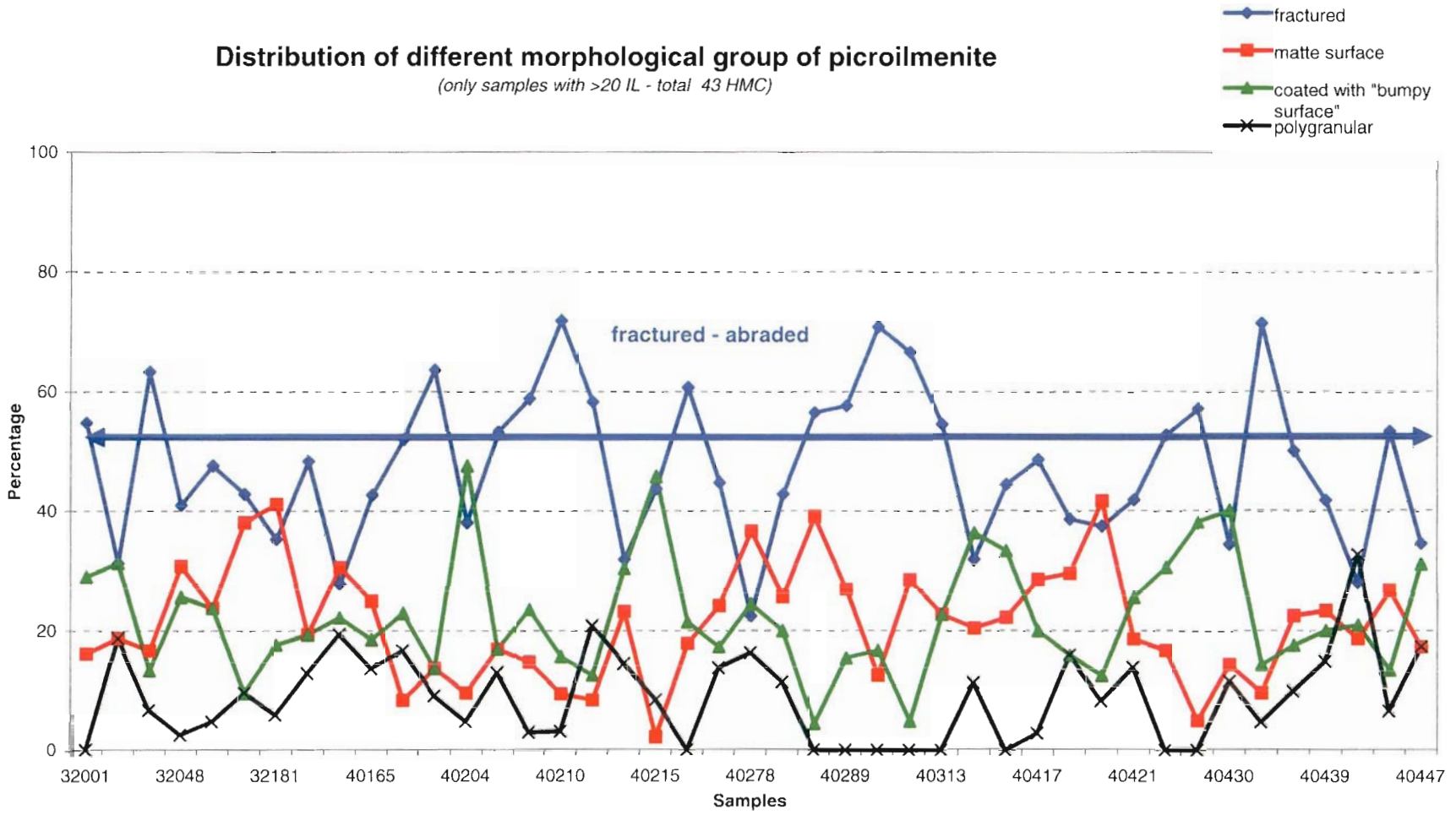
Abundance of picroilmenite

(total 186 HMC)



Distribution of different morphological group of picroilmenite

(only samples with >20 IL - total 43 HMC)



KIM Dynamics

diamond exploration mineral services

Client: **Temex Resources Corp.**

Photo Album

PERIDOTITIC GARNET

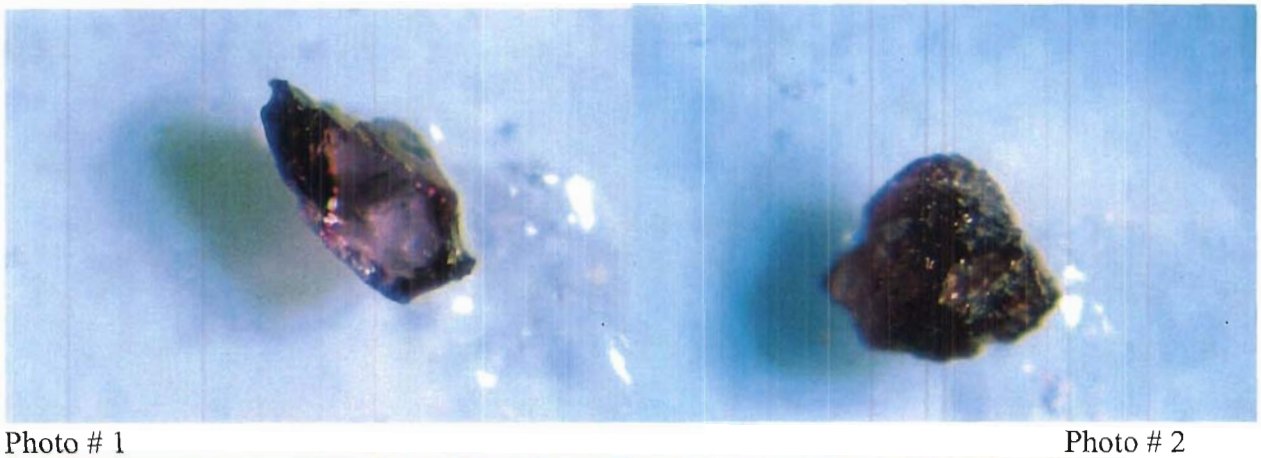


Photo # 1

Photo # 2

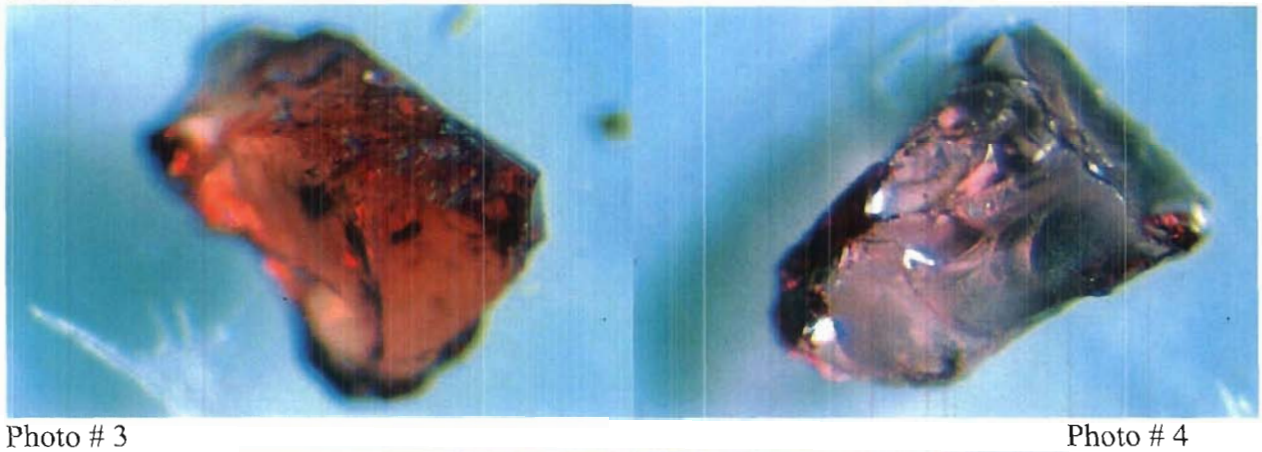


Photo # 3

Photo # 4

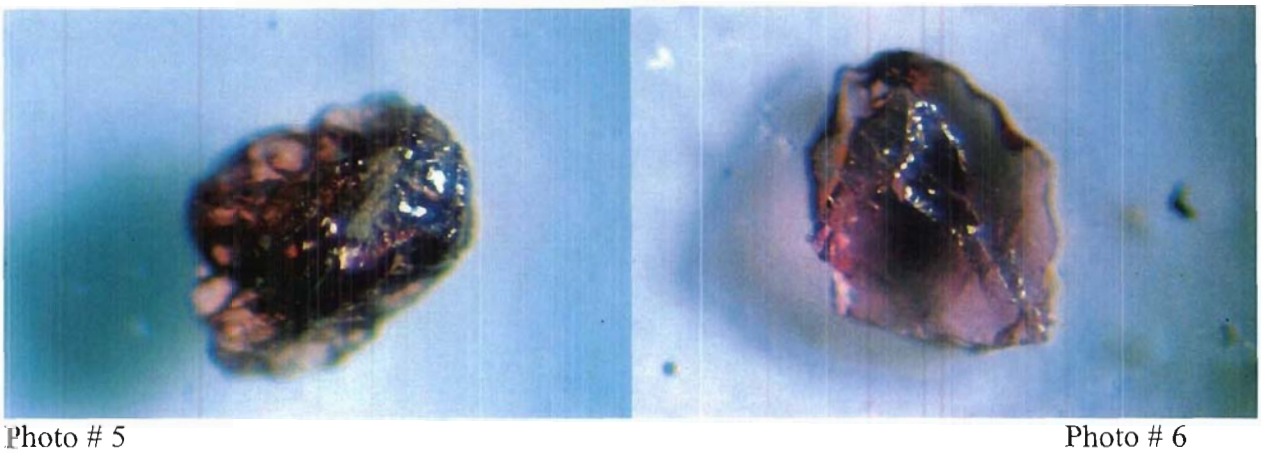
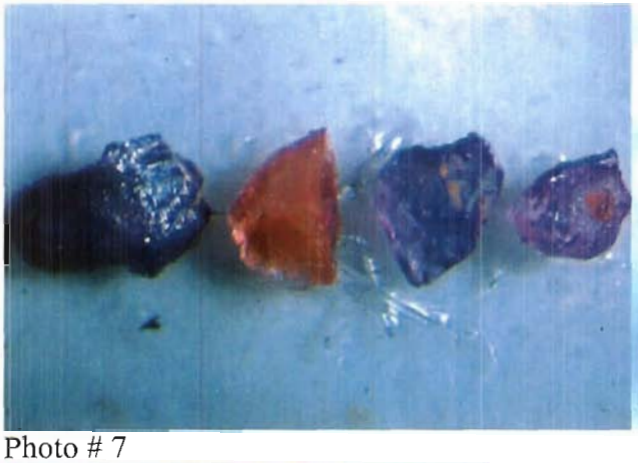


Photo # 5

Photo # 6



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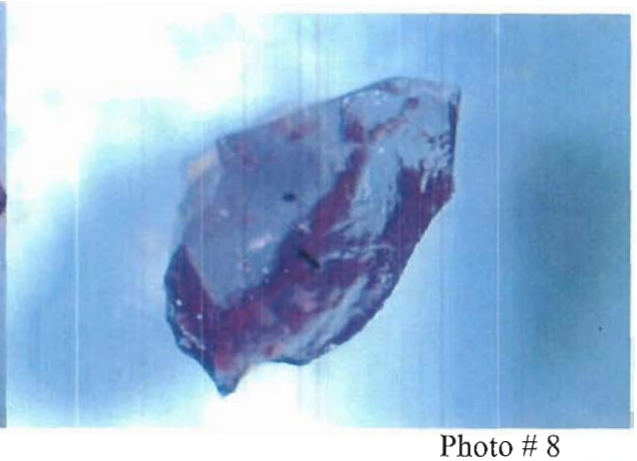

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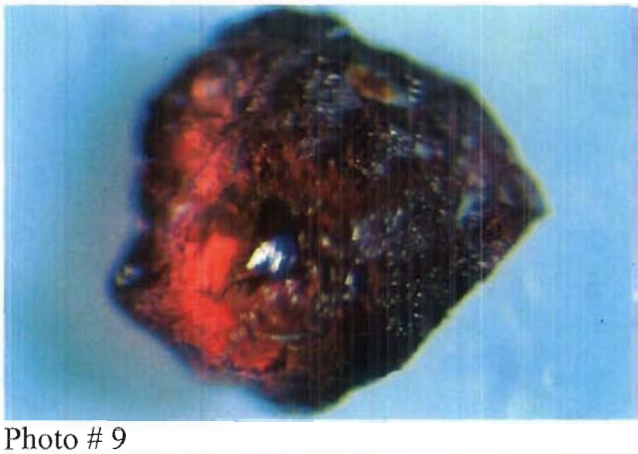
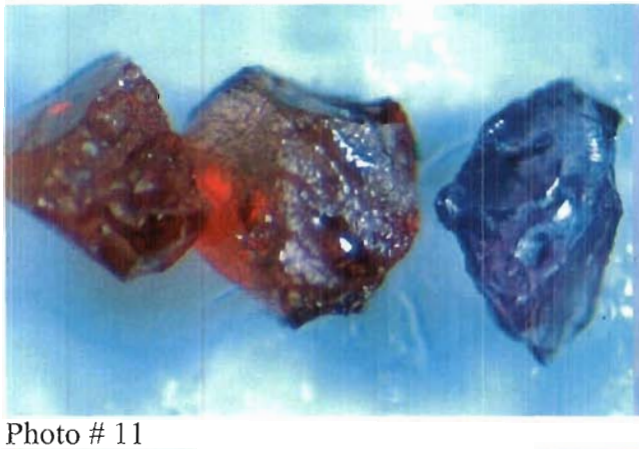


Photo # 9

Photo # 10



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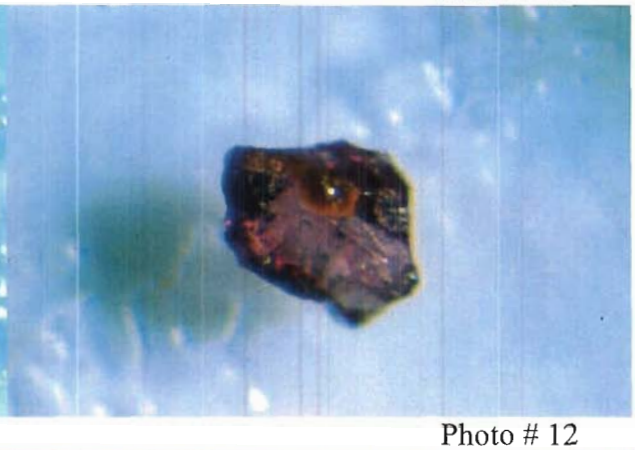

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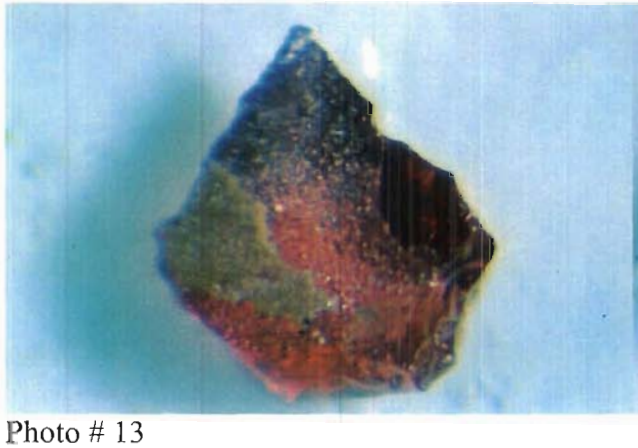

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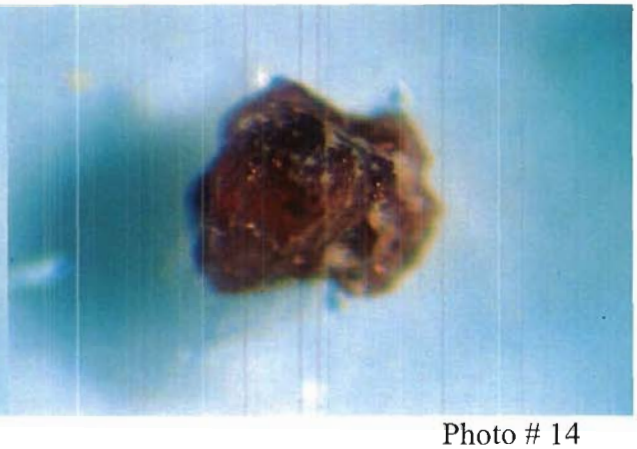

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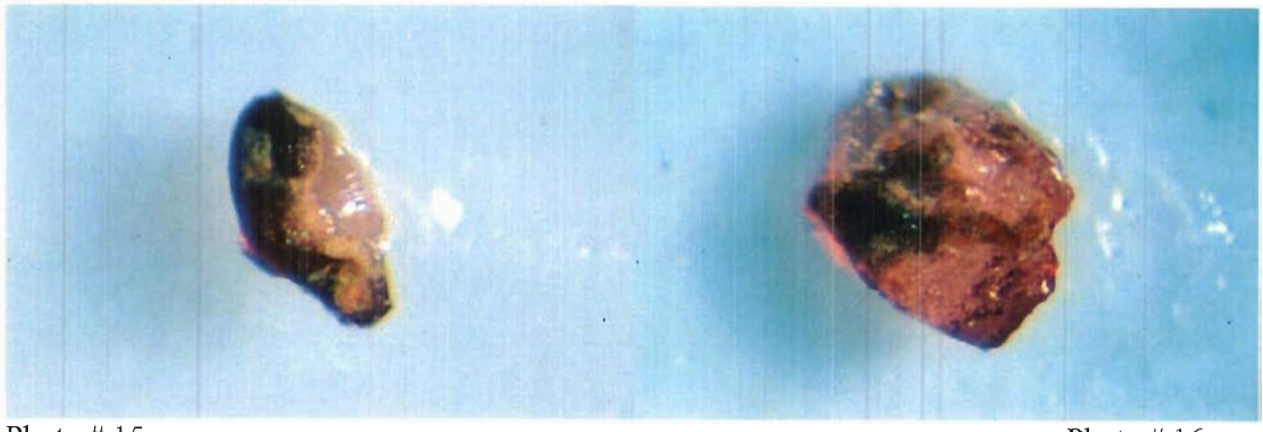

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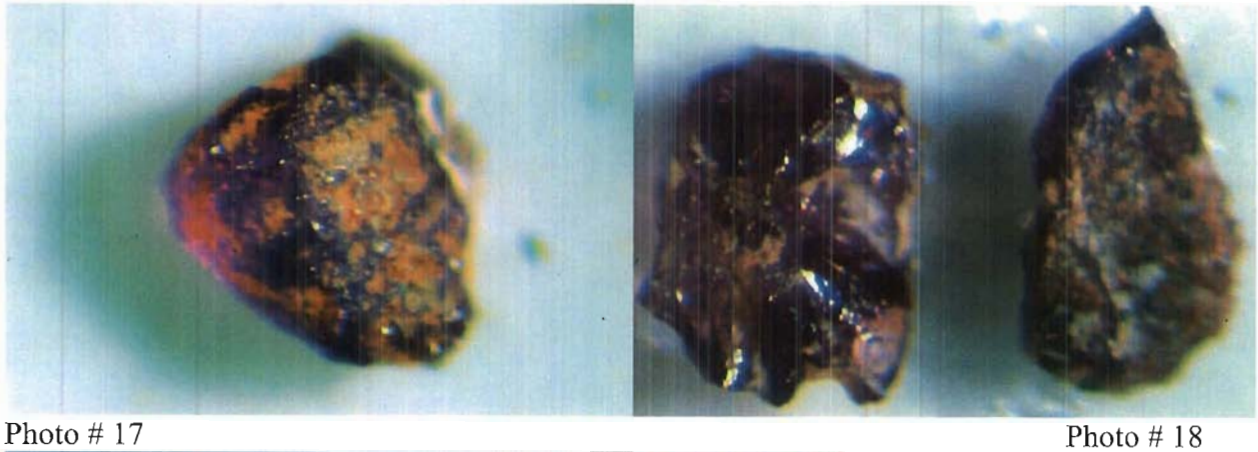
Photo # 16



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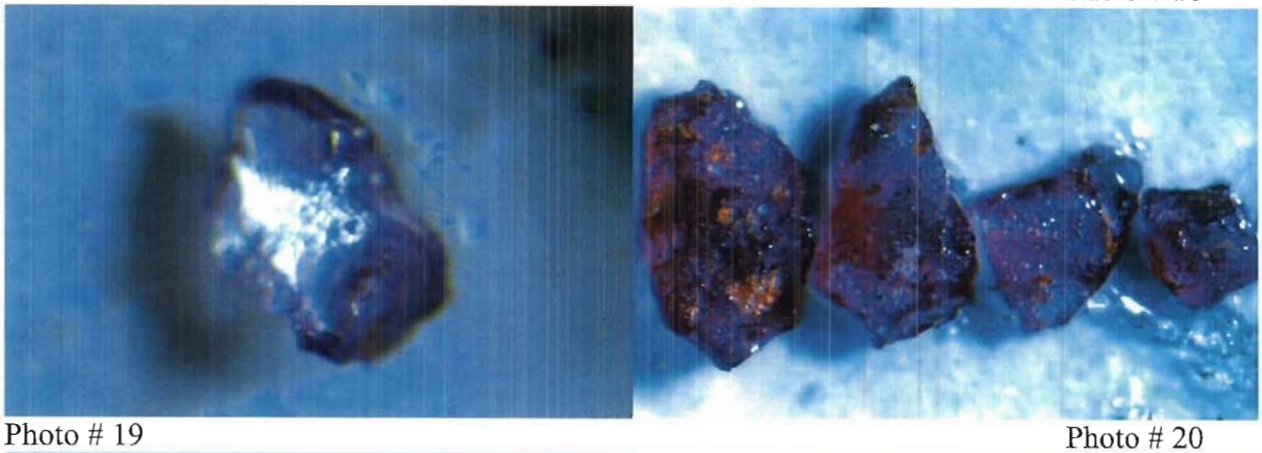

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Photo # 20

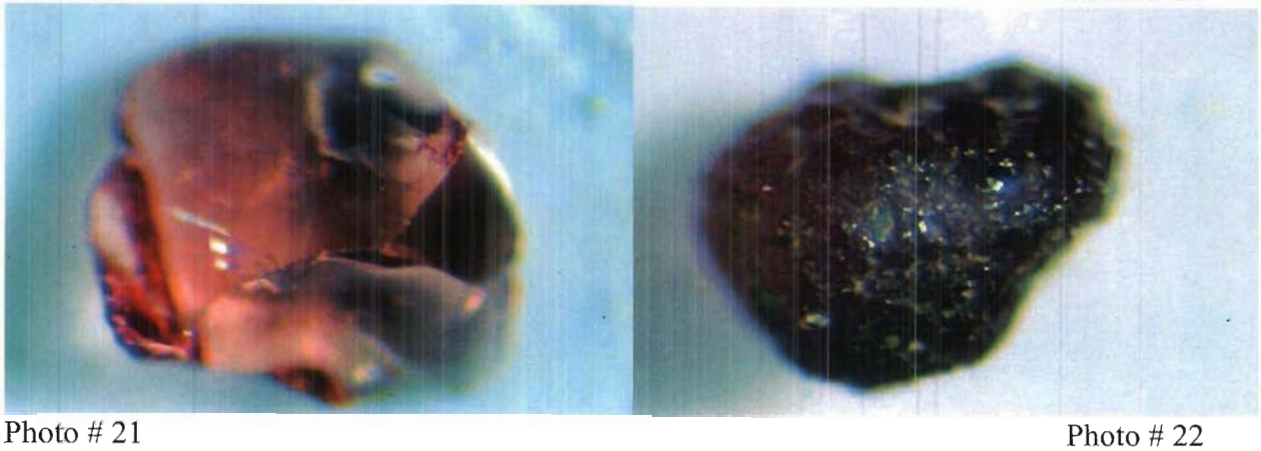


Photo # 21

Photo # 22

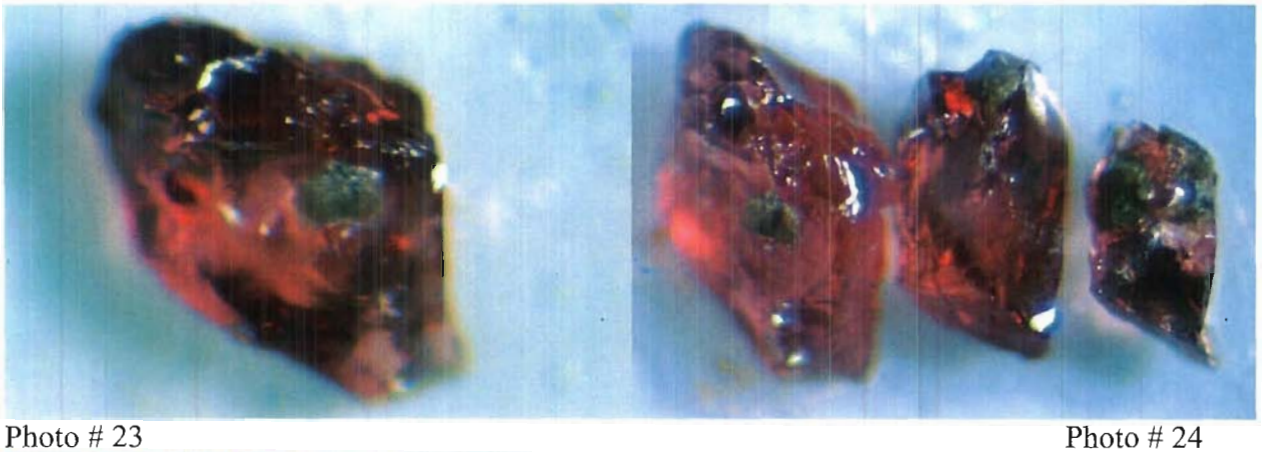


Photo # 23 Photo # 24

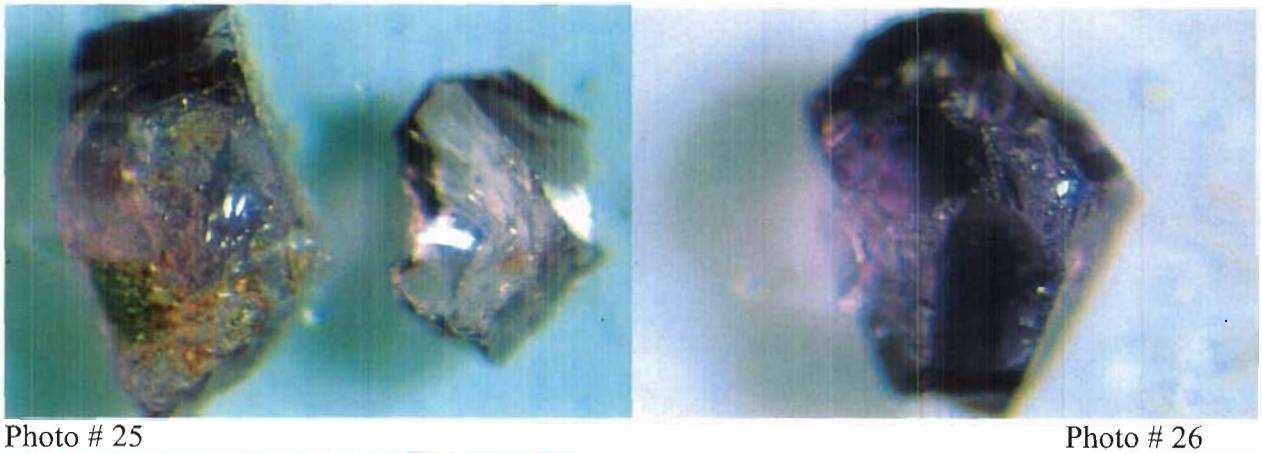


Photo # 25 Photo # 26

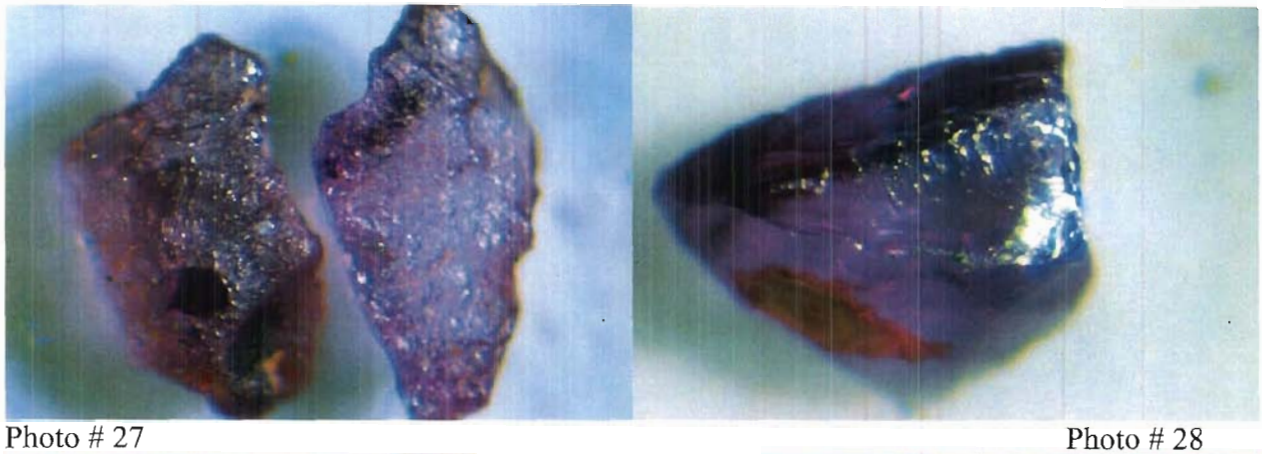


Photo # 27 Photo # 28

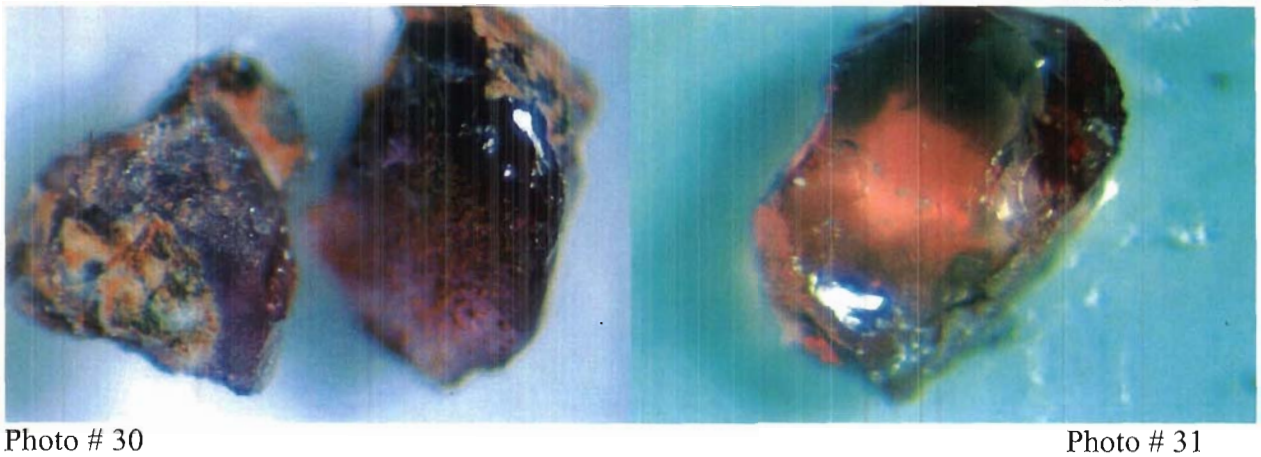
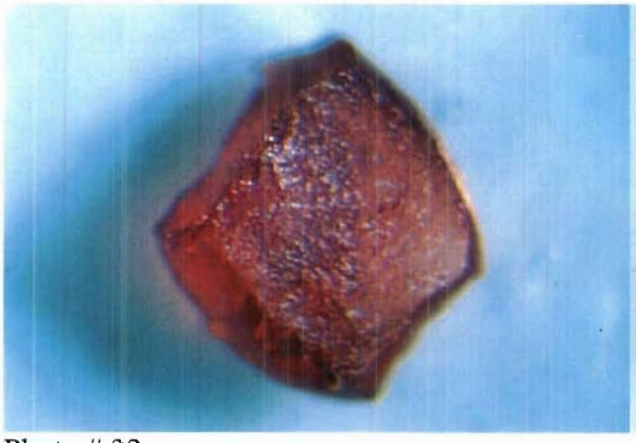


Photo # 30 Photo # 31



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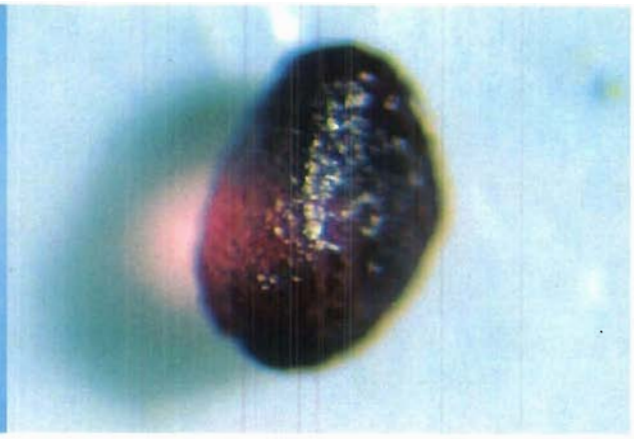

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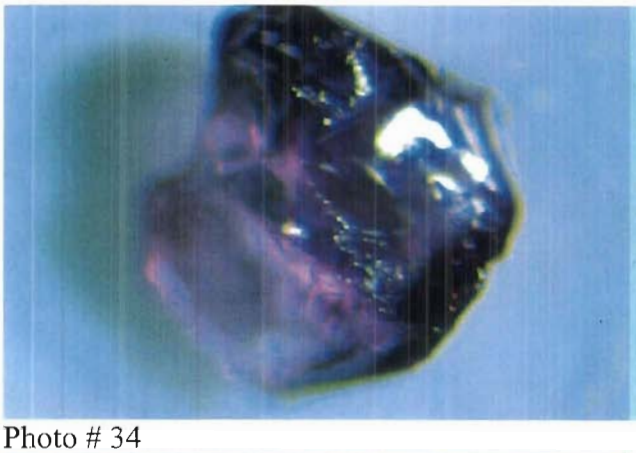

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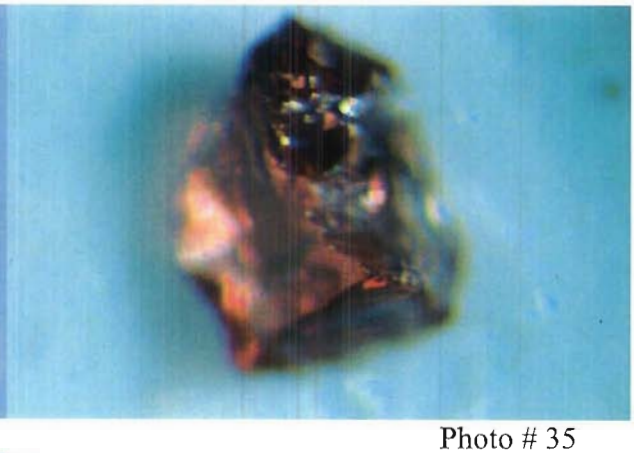

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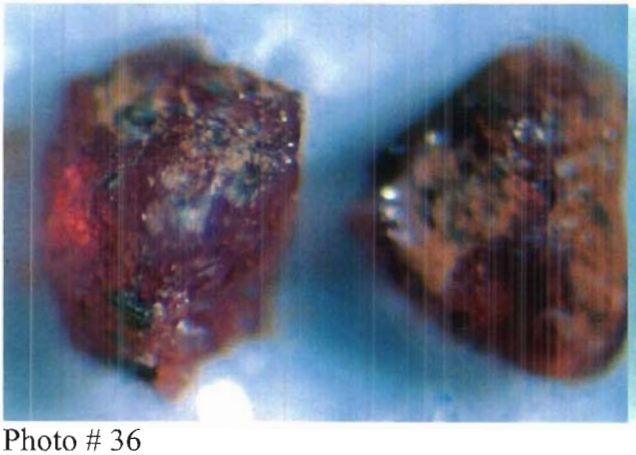

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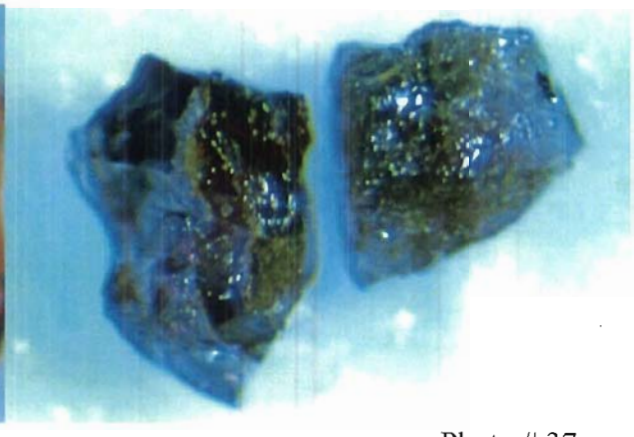

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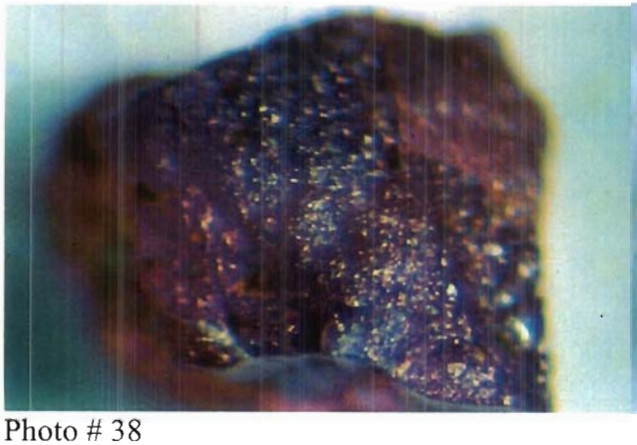

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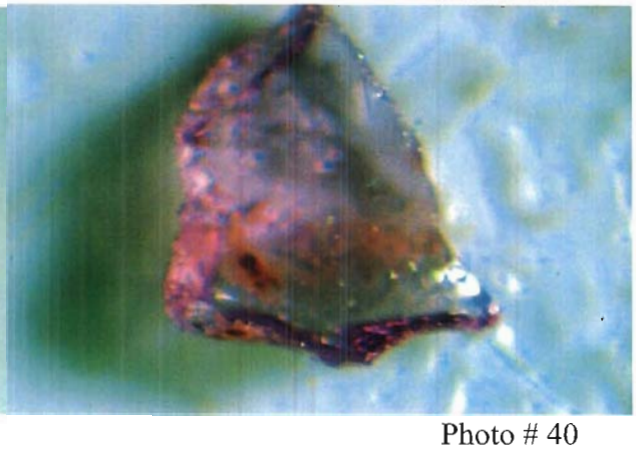


Photo # 40

KIM Dynamics

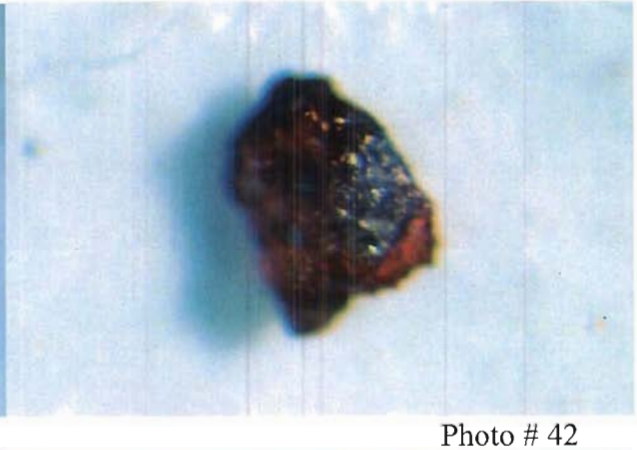
diamond exploration mineral services

Client: **Temex Resources Corp.**

Photo Album

ECLOGITIC GARNET

Photo # 41



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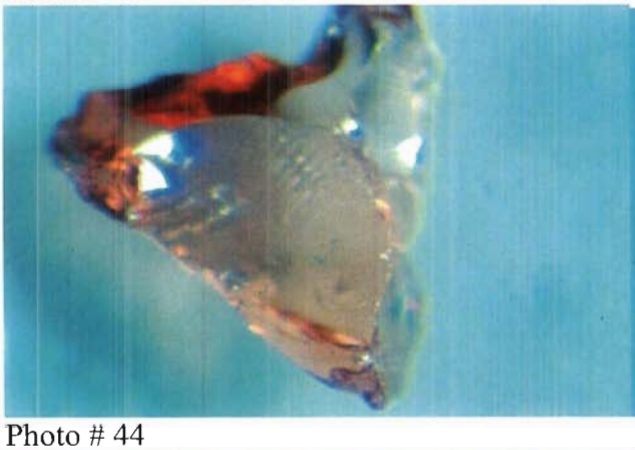

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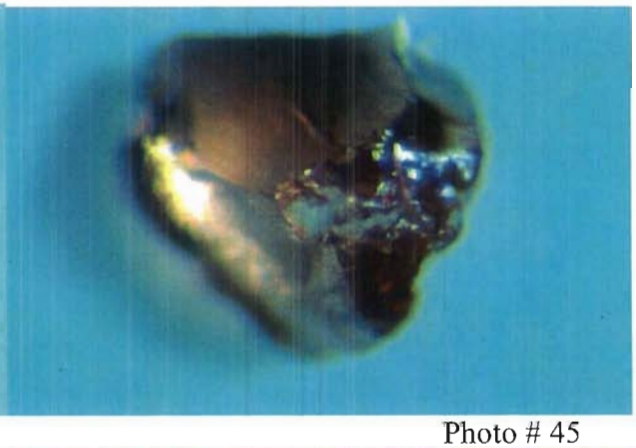

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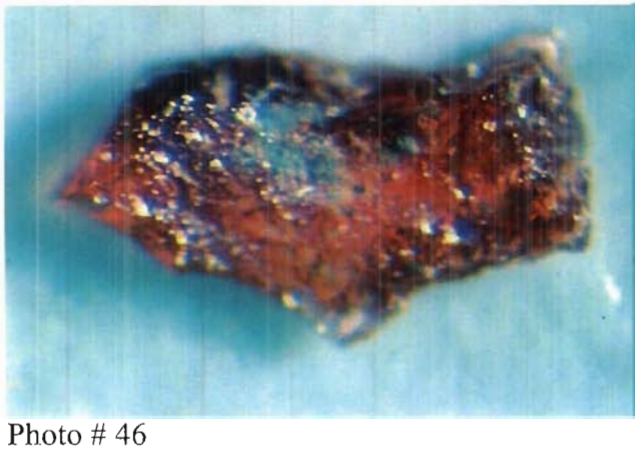

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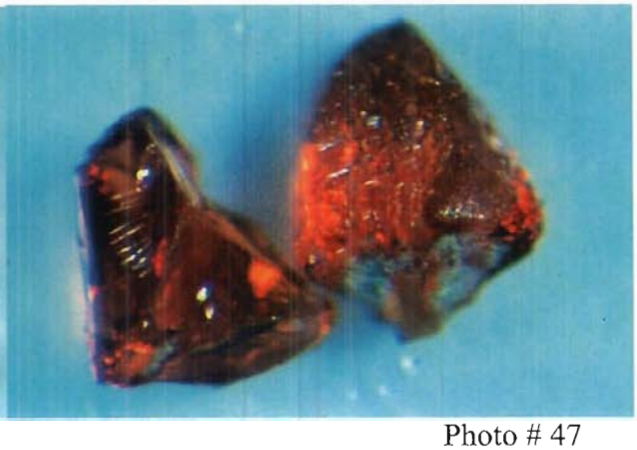
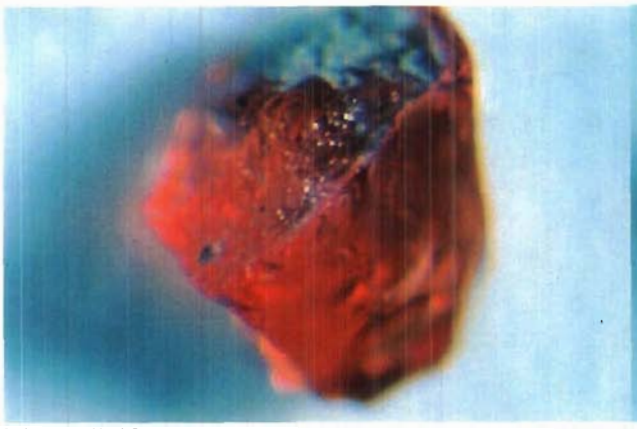


Photo # 47



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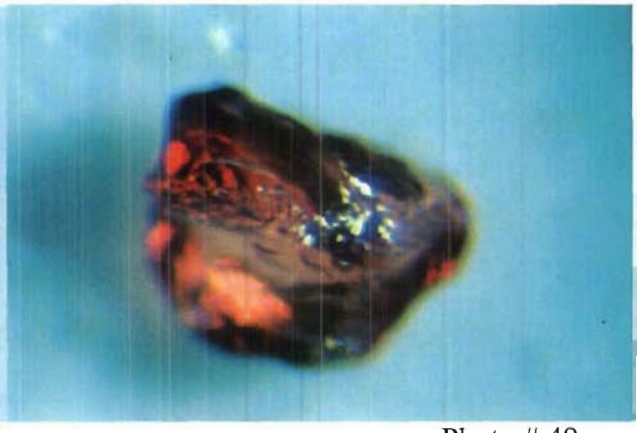

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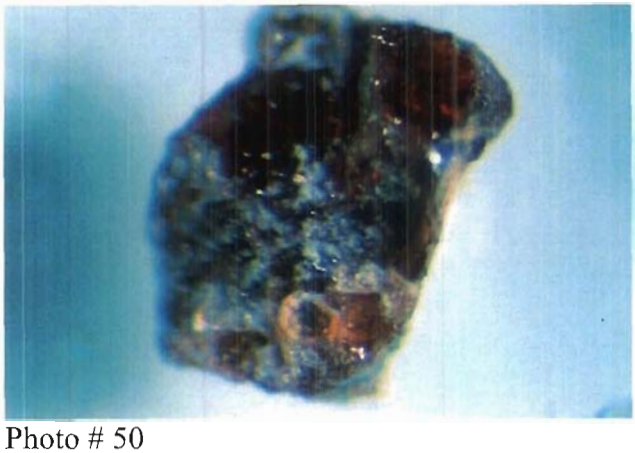

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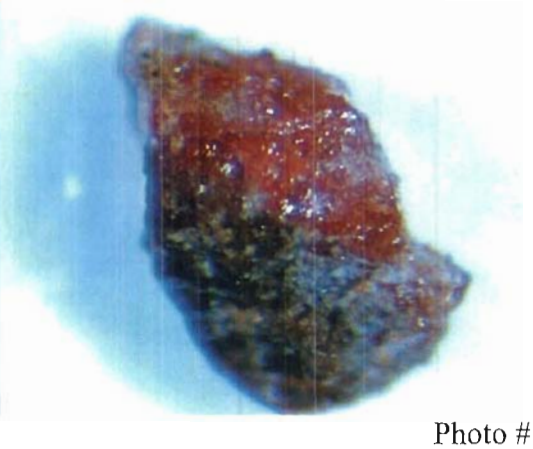


Photo # 53

KIM Dynamics

diamond exploration mineral services

Client: **Temex Resources Corp.**

Photo Album

PICROILMENITE

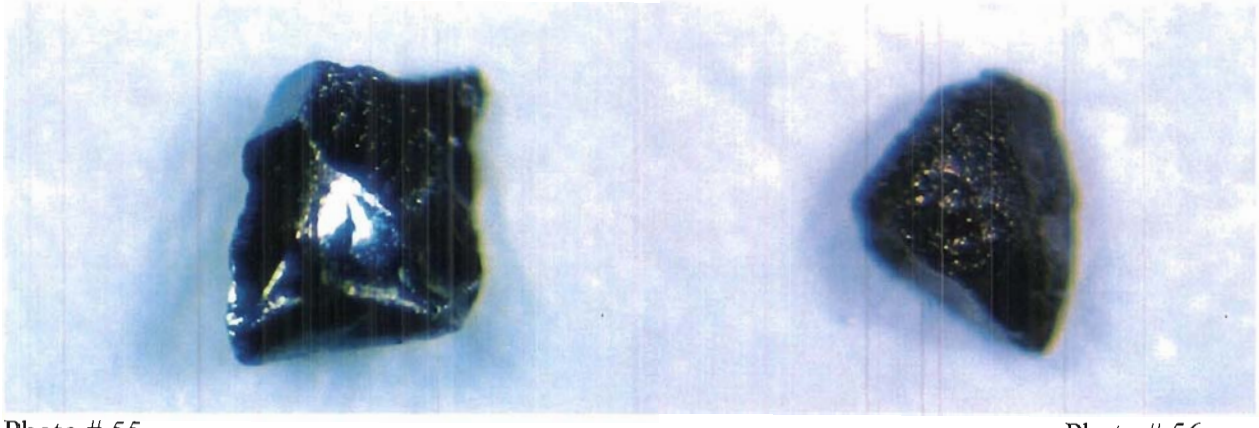


Photo # 55

Photo # 56

Photo # 57

Photo # 58

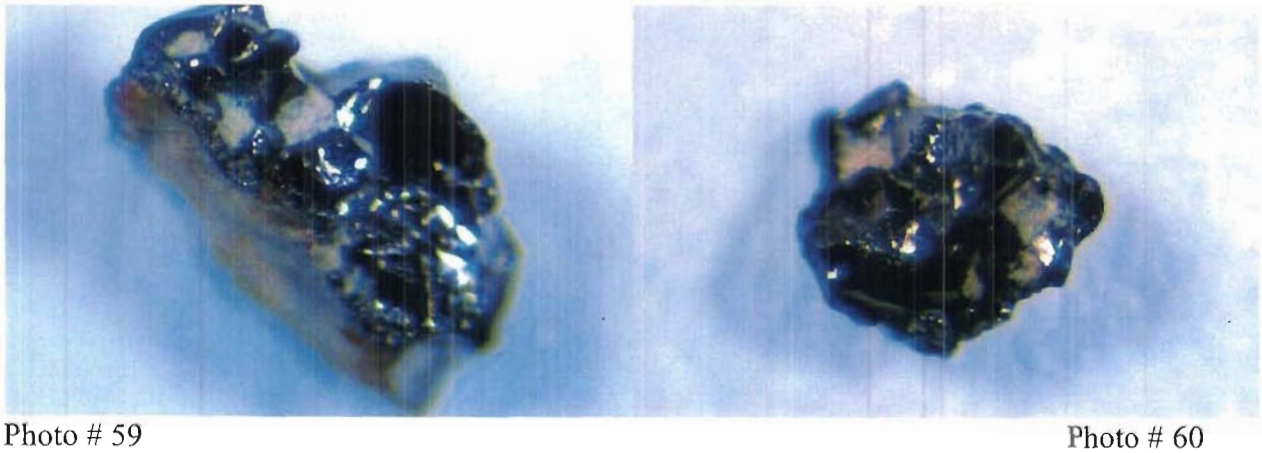
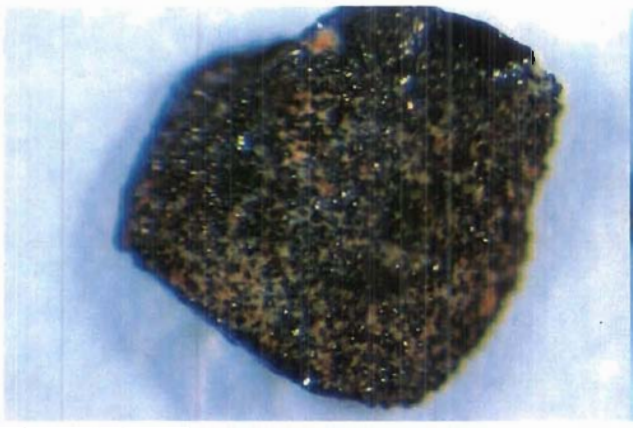


Photo # 59

Photo # 60



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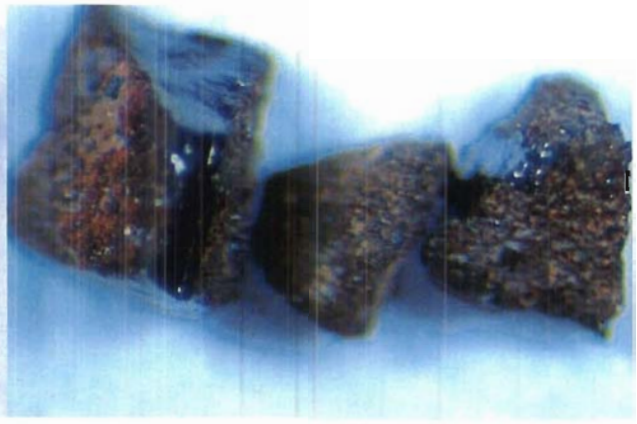
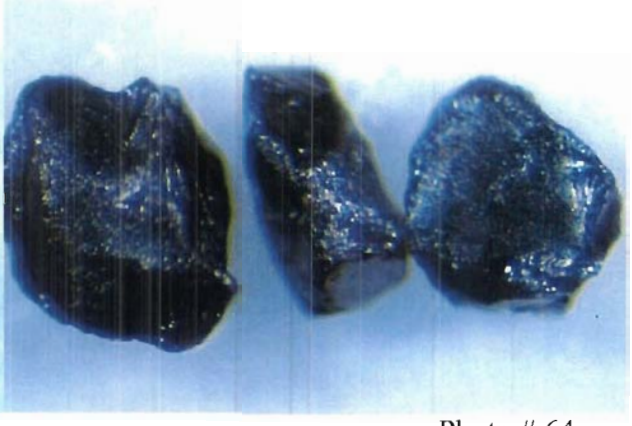


Photo # 62

Photo # 63



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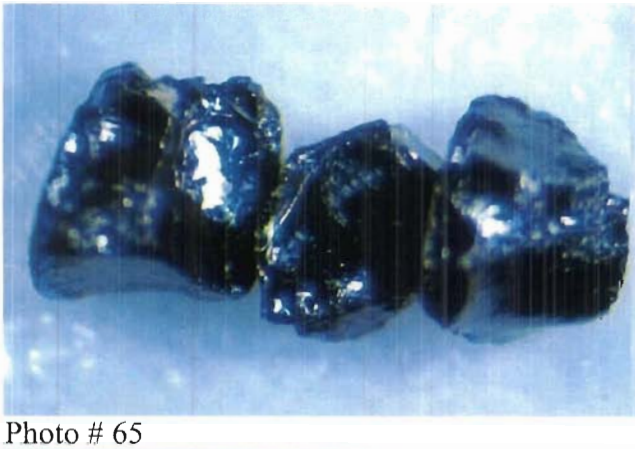

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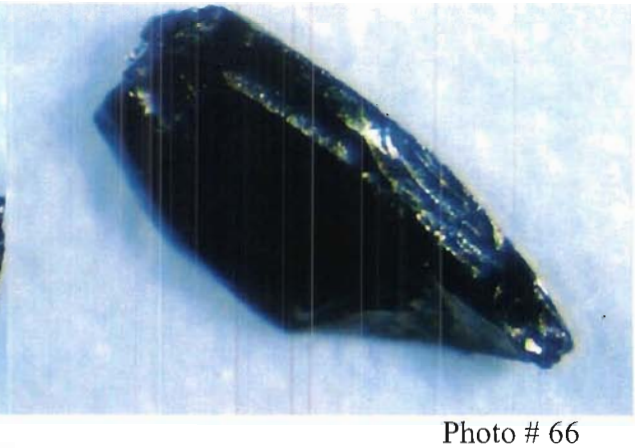

Photo # 66

Photo # 67

Maja Kiridzija

APPENDIX F

ICP Analyses of Slimes

TEMEX-X07

teckcominco
Global Discovery Labs

Ref/I.D.: #32001-40447 SERIES
Report date: 1 MAY 2007
GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0701717	32001	<10	10
S0701718	32002	<10	10
S0701719	32040	<10	10
S0701720	32041	<10	10
S0701721	32042	<10	10
S0701722	32043	<10	10
S0701723	32044	<10	10
S0701724	32045	<10	10
S0701725	32046	<10	10
S0701725 rpt		<10	10
S0701726	32047	<10	10
S0701727	32048	<10	10
S0701728	32049	<10	10
S0701729	32050	<10	10
S0701730	32051	<10	10
S0701731	32052	<10	10
S0701732	32053	<10	10
S0701733	32054	<10	10
S0701734	32055	<10	10
S0701734 rpt		<10	10
S0701735	32056	<10	10
S0701736	32057	<10	10
S0701737	32058	<10	10
S0701738	32059	<10	10
S0701739	32060	<10	10
S0701740	32061	<10	10
S0701741	32062	<10	10
S0701742	32063	<10	10
S0701743	32064	<10	10
S0701744	32065	<10	10
S0701745	32066	<10	10
S0701746	32067	<10	10
S0701747	32068	<10	10
S0701748	32093	<10	10
S0701749	32094	<10	10
S0701750	32095	<10	10

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Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0701717	32001	<10	10
S0701751	32096	<10	10
S0701752	32144	<10	10
S0701753	32145	<10	10
S0701754	32146	<10	10
S0701754 rpt		<10	10
S0701755	32147	<10	10
S0701756	32148	<10	10
S0701757	32149	<10	10
S0701758	32150	<10	10
S0701759	32151	<10	10
S0701760	32152	<10	10
S0701761	32153	<10	10
S0701762	32154	<10	10
S0701763	32155	<10	10
S0701763 rpt		<10	10
S0701764	32156	<10	10
S0701765	32157	<10	10
S0701766	32158	<10	10
S0701767	32159	<10	10
S0701768	32160	<10	10
S0701769	32161	<10	10
S0701770	32162	<10	10
S0701771	32163	<10	10
S0701772	32164	<10	10
S0701773	32165	<10	10
S0701774	32166	<10	10
S0701775	32167	<10	10
S0701776	32168	<10	10
S0701776 rpt		<10	10
S0701777	32169	<10	10
S0701778	32170	<10	10
S0701779	32151	<10	10
S0701780	32152	<10	10
S0701781	32153	<10	10
S0701782	32154	<10	10
S0701783	32155	<10	10
S0701784	32156	<10	10
S0701785	32162	<10	10
S0701785 rpt		<10	10

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GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0701717	32001	<10	10
S0701786	32163	<10	10
S0701787	32164	<10	10
S0701788	32165	<10	10
S0701789	32166	<10	10
S0701790	32167	<10	10
S0701791	32168	<10	10
S0701792	32169	<10	10
S0701793	32170	<10	10
S0701794	32171	<10	10
S0701795	32172	<10	10
S0701796	32173	<10	10
S0701797	32174	<10	10
S0701798	32175	<10	10
S0701799	32176	<10	10
S0701800	32180	<10	10
S0701801	32181	<10	10
S0701802	32182	20	10
S0701802 rpt		<10	10
S0701803	32183	<10	10
S0701804	32187	<10	10
S0701805	32188	<10	10
S0701806	32189	<10	10
S0701807	40204	<10	10
S0701808	40205	<10	10
S0701809	40206	<10	10
S0701810	40207	<10	10
S0701811	40208	<10	10
S0701812	40209	<10	10
S0701813	40210	<10	10
S0701813 rpt		<10	10
S0701814	40211	<10	10
S0701815	40212	<10	10
S0701816	40213	<10	10
S0701817	40214	<10	10
S0701818	40215	<10	10
S0701819	40216	<10	10
S0701820	40217	<10	10
S0701821	40244	<10	10
S0701822	40246	<10	10

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GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0701717	32001	<10	10
S0701823	40247	<10	10
S0701824	40248	<10	10
S0701825	40249	<10	10
S0701826	40250	<10	10
S0701826 rpt		<10	10
S0701827	40251	<10	10
S0701828	40252	<10	10
S0701829	40253	<10	10
S0701830	40254	<10	10
S0701831	40255	<10	10
S0701832	40256	<10	10
S0701833	40257	<10	10
S0701834	40264	<10	10
S0701835	40265	<10	10
S0701835 rpt		<10	10
S0701836	40266	<10	10
S0701837	40267	<10	10
S0701838	40268	<10	10
S0701839	40269	<10	10
S0701840	40270	<10	10
S0701841	40275	<10	10
S0701842	40276	<10	10
S0701843	40277	<10	10
S0701844	40278	<10	10
S0701845	40279	<10	10
S0701846	40280	<10	10
S0701847	40281	<10	10
S0701848	40282	<10	10
S0701849	40283	<10	10
S0701850	40285	<10	10
S0701851	40286	<10	10
S0701852	40287	<10	10
S0701853	40288	<10	10
S0701854	40289	<10	10
S0701855	40290	<10	10
S0701856	40298	<10	10
S0701857	40299	<10	10
S0701857 rpt		<10	10
S0701858	40300	<10	10

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GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0701717	32001	<10	10
S0701859	40301	<10	10
S0701860	40302	<10	10
S0701861	40303	<10	10
S0701862	40304	<10	10
S0701863	40305	<10	10
S0701864	40306	<10	10
S0701865	40307	<10	10
S0701866	40308	<10	10
S0701866 rpt		<10	10
S0701867	40309	<10	10
S0701868	40310	<10	10
S0701869	40311	<10	10
S0701870	40312	<10	10
S0701871	40313	<10	10
S0701872	40314	<10	10
S0701873	40315	<10	10
S0701874	40316	<10	10
S0701875	40317	<10	10
S0701876	40365	<10	10
S0701877	40366	<10	10
S0701878	40367	<10	10
S0701879	40368	<10	10
S0701880	40369	<10	10
S0701881	40412	<10	10
S0701881 rpt		<10	10
S0701882	40413	<10	10
S0701883	40414	<10	10
S0701884	40415	<10	10
S0701885	40416	<10	10
S0701886	40417	<10	10
S0701887	40418	<10	10
S0701888	40419	<10	10
S0701889	40420	<10	10
S0701890	40421	<10	10
S0701891	40424	<10	10
S0701892	40425	<10	10
S0701892 rpt		<10	10
S0701893	40426	<10	10
S0701894	40427	<10	10

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GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0701717	32001	<10	10
S0701895	40428	<10	10
S0701896	40429	<10	10
S0701897	40430	<10	10
S0701898	40431	<10	10
S0701899	40434	<10	10
S0701900	40437	<10	10
S0701901	40439	<10	10
S0701902	40440	<10	10
S0701903	40441	<10	10
S0701904	40442	<10	10
S0701905	40443	<10	10
S0701906	40444	<10	10
S0701907	40445	<10	10
S0701908	40446	<10	10
S0701909	40447	<10	10
STD: ND5		266	10
STD: ND5		322	10
STD: ND5		272	10
STD: ND5		302	10
STD: ND5		282	10
STD: ND5		334	10
STD: ND5		294	10
STD: ND5		278	10

I=insufficient sample

If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS

Wt Au The weight of sample taken to analyse for gold (geochem)

Alice Kwan, Chemist-Teck Cominco G.D.L.

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TEMEX-X07

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Global Discovery Labs

Ref/I.D.: #32001-40447 SERIES
Report date: 23 MAY 2007
GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0701717	32001	21	4	23	<0.4	2	30	<1	8	23	1.66	<2	31	<5	<5	31	<2	4	6	2	5	174	0.40	0.06	1.40	0.08	0.02	0.02	392
S0701718	32002	32	5	22	<0.4	3	33	<1	11	31	1.78	<2	37	<5	<5	30	<2	<2	5	2	5	218	0.51	0.04	1.38	0.09	0.02	0.02	413
S0701719	32040	41	5	24	<0.4	2	52	<1	13	32	2.15	<2	38	<5	<5	38	<2	<2	7	3	10	242	0.60	0.05	1.66	0.09	0.02	0.03	220
S0701719 rpt		38	4	22	<0.4	2	47	<1	12	30	1.97	<2	36	<5	<5	36	<2	<2	7	3	8	224	0.55	0.05	1.53	0.09	0.02	0.03	203
S0701720	32041	15	5	21	<0.4	3	53	<1	13	32	1.90	<2	35	<5	<5	36	<2	<2	7	2	6	211	0.52	0.04	1.45	0.10	0.02	0.03	345
S0701721	32042	21	4	29	<0.4	<2	53	<1	10	30	2.07	<2	33	<5	<5	33	<2	<2	10	2	10	199	0.52	0.04	1.58	0.12	0.02	0.04	244
S0701722	32043	24	4	27	<0.4	2	71	<1	14	39	2.25	<2	41	<5	<5	38	<2	<2	10	3	7	296	0.72	0.06	1.62	0.18	0.03	0.05	384
S0701723	32044	16	4	25	<0.4	3	37	<1	13	33	2.35	<2	35	<5	<5	35	<2	<2	7	3	7	229	0.56	0.04	1.62	0.14	0.03	0.03	722
S0701724	32045	27	8	23	<0.4	3	32	<1	11	28	1.87	<2	36	5	<5	33	<2	<2	9	3	8	195	0.49	0.05	1.37	0.12	0.02	0.03	329
S0701725	32046	15	6	16	<0.4	<2	16	<1	9	18	1.36	<2	25	<5	<5	27	<2	<2	11	4	14	309	0.39	0.04	0.74	0.24	0.03	0.02	394
S0701726	32047	33	9	28	<0.4	5	35	<1	15	31	2.24	<2	62	<5	<5	48	<2	<2	13	5	18	590	0.69	0.07	1.48	0.24	0.02	0.05	541
S0701726 rpt		35	8	27	<0.4	5	35	<1	15	31	2.21	<2	64	<5	<5	51	<2	<2	14	6	17	581	0.68	0.08	1.47	0.24	0.03	0.06	546
S0701727	32048	32	6	24	<0.4	3	23	<1	15	24	1.64	<2	35	<5	<5	39	<2	<2	12	6	17	412	0.53	0.05	0.92	0.30	0.03	0.05	472
S0701728	32049	23	5	18	<0.4	4	33	<1	10	24	1.37	<2	27	<5	<5	26	<2	<2	6	2	5	161	0.38	0.04	1.14	0.09	0.02	0.02	182
S0701729	32050	28	4	23	<0.4	<2	46	<1	10	28	1.65	<2	36	<5	<5	33	<2	<2	8	3	8	193	0.44	0.05	1.46	0.11	0.02	0.03	216
S0701730	32051	32	21	22	<0.4	9	28	<1	21	32	1.87	<2	33	<5	<5	29	<2	<2	6	3	7	282	0.55	0.03	1.22	0.13	0.02	0.03	302
S0701731	32052	25	9	27	<0.4	6	42	<1	13	30	2.10	<2	36	<5	<5	33	<2	<2	8	3	10	231	0.50	0.04	1.51	0.13	0.02	0.03	386
S0701732	32053	21	5	22	<0.4	3	21	<1	8	24	1.62	<2	29	<5	<5	33	<2	<2	6	3	10	123	0.30	0.05	2.03	0.10	0.02	0.02	361
S0701733	32054	17	4	19	<0.4	2	37	<1	9	26	1.56	<2	34	<5	<5	33	<2	<2	8	2	6	156	0.39	0.06	1.44	0.10	0.02	0.03	252
S0701733 rpt		15	4	19	<0.4	<2	37	<1	9	26	1.55	<2	33	<5	<5	32	<2	<2	7	2	6	156	0.39	0.05	1.42	0.09	0.02	0.03	256
S0701734	32055	34	10	29	<0.4	4	50	<1	11	32	2.02	<2	36	<5	<5	35	<2	<2	9	3	7	281	0.60	0.05	1.54	0.17	0.03	0.04	390
S0701735	32056	23	4	11	<0.4	<2	21	<1	4	14	1.43	<2	20	<5	<5	26	<2	<2	6	3	11	98	0.28	0.04	1.04	0.07	0.02	0.01	108
S0701736	32057	38	4	20	<0.4	<2	28	<1	10	30	1.93	<2	33	5	<5	28	<2	<2	6	3	9	243	0.60	0.04	1.26	0.10	0.02	0.02	255
S0701737	32058	64	6	21	<0.4	2	39	<1	10	29	1.87	<2	43	<5	<5	34	<2	<2	9	3	10	274	0.59	0.06	1.39	0.13	0.03	0.03	189
S0701738	32059	13	11	36	<0.4	4	37	<1	13	30	1.98	<2	36	<5	<5	34	<2	<2	8	3	6	280	0.51	0.05	1.56	0.10	0.02	0.04	309
S0701739	32060	21	6	26	<0.4	3	48	<1	14	34	2.26	<2	35	<5	<5	33	<2	<2	8	3	7	248	0.51	0.04	1.64	0.11	0.02	0.03	303
S0701740	32061	25	4	20	<0.4	2	37	<1	10	26	1.73	<2	34	<5	<5	34	<2	<2	12	4	11	281	0.48	0.05	1.20	0.19	0.03	0.04	368
S0701741	32062	31	4	18	<0.4	3	21	<1	12	22	1.66	<2	28	<5	<5	30	<2	<2	10	5	21	353	0.45	0.03	0.84	0.19	0.02	0.03	523
S0701742	32063	18	<4	23	<0.4	4	47	<1	12	31	2.07	<2	35	<5	<5	38	<2	<2	5	2	5	219	0.54	0.04	1.61	0.07	0.02	0.03	178
S0701743	32064	10	4	19	<0.4	2	27	<1	6	18	1.74	<2	28	<5	<5	33	<2	<2	4	2	6	124	0.29	0.04	1.48	0.05	0.02	0.02	208
S0701744	32065	38	5	19	<0.4	2	39	<1	11	32	1.96	<2	37	<5	<5	38	<2	<2	9	3	11	197	0.56	0.05	1.58	0.13	0.02	0.03	344
S0701745	32066	28	4	24	<0.4	2	48	<1	12	34	2.03	<2	35	<5	<5	36	<2	<2	8	3	10	228	0.59	0.04	1.52	0.13	0.02	0.03	294
S0701746	32067	20	12	14	<0.4	2	31	<1	7	21	1.40	<2	30	<5	<5	29	<2	<2	6	2	9	129	0.36	0.05	1.35	0.06	0.02	0.02	76
S0701747	32068	16	5	19	<0.4	2	44	<1	10	27	1.65	<2	36	<5	<5	31	<2	<2	8	2	7	226	0.48	0.05	1.32	0.13	0.02	0.03	285
S0701748	32093	23	7	23	<0.4	2	39	<1	10	25	1.56	<2	39	<5	<5	34	<2	<2	8	3	7	190	0.42	0.06	1.29	0.11	0.02	0.03	320
S0701749	32094	21	4	16	<0.4	<2	22	<1	6	21	1.20	<2	30	<5	<5	25	<2	<2	9	4	9	149	0.38	0.05	0.79	0.16	0.02	0.02	274

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GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0701750	32095	23	6	21	<0.4	2	25	<1	11	30	1.67	<2	45	<5	<5	34	<2	<2	9	3	5	246	0.53	0.06	1.15	0.17	0.02	0.04	374
S0701751	32096	21	4	19	<0.4	3	36	<1	9	29	1.58	<2	40	<5	<5	27	<2	4	6	3	8	268	0.48	0.03	1.13	0.10	0.01	0.02	345
S0701752	32144	44	10	34	<0.4	10	25	<1	21	32	2.05	<2	42	<5	<5	46	<2	<2	5	2	6	208	0.58	0.06	1.48	0.11	0.01	0.03	403
S0701753	32145	15	6	27	<0.4	2	28	<1	8	28	1.61	<2	39	<5	<5	28	<2	<2	5	2	5	195	0.43	0.04	1.38	0.08	0.01	0.02	408
S0701754	32146	19	5	19	<0.4	2	26	<1	10	27	1.65	<2	41	<5	<5	30	<2	<2	7	2	7	250	0.50	0.04	1.17	0.12	0.02	0.02	333
S0701755	32147	28	5	23	<0.4	<2	43	<1	12	40	1.68	<2	71	<5	<5	38	<2	<2	10	4	12	297	0.61	0.06	1.19	0.24	0.02	0.07	633
S0701755 rpt		31	6	25	<0.4	2	47	<1	13	44	1.83	<2	79	<5	<5	42	<2	<2	15	5	11	318	0.67	0.08	1.34	0.31	0.02	0.09	656
S0701756	32148	23	5	20	<0.4	<2	38	<1	11	32	1.89	<2	51	<5	<5	34	<2	<2	10	4	10	227	0.53	0.06	1.40	0.20	0.02	0.04	475
S0701757	32149	17	6	27	<0.4	<2	33	<1	11	30	1.69	<2	45	<5	<5	32	<2	<2	9	3	8	275	0.52	0.06	1.29	0.19	0.02	0.03	479
S0701758	32150	26	6	20	<0.4	3	24	<1	11	27	1.59	<2	37	<5	<5	30	<2	<2	7	2	6	175	0.42	0.06	1.29	0.12	0.02	0.02	310
S0701759	32151	23	5	34	<0.4	3	56	<1	12	35	1.91	<2	43	<5	<5	32	<2	<2	8	3	9	278	0.56	0.06	1.43	0.16	0.02	0.04	419
S0701760	32152	21	6	23	<0.4	3	31	<1	13	36	1.94	<2	46	<5	<5	33	<2	<2	9	3	5	226	0.53	0.06	1.53	0.17	0.02	0.03	522
S0701761	32153	20	5	25	<0.4	2	34	<1	10	31	1.89	<2	43	<5	<5	31	<2	<2	9	2	7	359	0.55	0.05	1.34	0.16	0.02	0.03	452
S0701762	32154	23	5	19	<0.4	<2	19	<1	10	24	1.45	<2	40	<5	<5	29	<2	<2	9	3	9	286	0.48	0.04	0.98	0.18	0.02	0.02	449
S0701763	32155	21	7	21	<0.4	3	29	<1	14	32	1.73	<2	43	<5	<5	32	<2	<2	9	2	7	339	0.51	0.05	1.24	0.17	0.02	0.02	446
S0701764	32156	20	4	22	<0.4	<2	23	<1	11	27	1.48	<2	49	<5	<5	31	<2	<2	10	3	9	316	0.51	0.05	1.04	0.20	0.02	0.05	499
S0701764 rpt		20	4	23	<0.4	<2	25	<1	11	29	1.59	<2	53	<5	<5	36	<2	<2	14	4	9	334	0.54	0.08	1.18	0.27	0.02	0.06	509
S0701765	32157	27	7	31	<0.4	3	23	<1	11	30	2.06	<2	48	<5	<5	43	<2	<2	9	3	4	206	0.60	0.09	1.90	0.12	0.02	0.03	314
S0701766	32158	35	6	29	<0.4	4	22	<1	12	33	2.11	<2	48	<5	<5	40	<2	<2	9	3	12	234	0.57	0.07	1.63	0.14	0.02	0.03	425
S0701767	32159	22	<4	17	<0.4	2	17	<1	8	25	1.60	<2	36	<5	<5	31	<2	<2	10	3	6	215	0.49	0.06	1.18	0.14	0.02	0.02	133
S0701768	32160	20	4	20	<0.4	2	17	<1	8	26	1.66	<2	45	<5	<5	34	<2	<2	13	4	12	267	0.51	0.07	1.13	0.22	0.02	0.02	388
S0701769	32161	34	5	23	<0.4	3	29	<1	13	31	1.76	<2	43	<5	<5	34	<2	<2	18	6	23	438	0.56	0.07	1.15	0.27	0.02	0.04	470
S0701770	32162	14	6	29	<0.4	2	48	<1	13	43	2.16	<2	76	<5	<5	42	<2	<2	17	4	7	366	0.75	0.09	1.68	0.30	0.02	0.12	547
S0701771	32163	20	4	19	<0.4	2	30	<1	11	37	1.79	<2	56	<5	<5	31	<2	<2	6	2	5	222	0.55	0.05	1.43	0.09	0.01	0.02	199
S0701772	32164	11	6	22	<0.4	3	20	<1	10	49	1.53	<2	101	<5	<5	30	<2	<2	9	3	8	231	0.74	0.05	1.01	0.23	0.02	0.02	606
S0701773	32165	29	7	24	<0.4	4	19	<1	14	41	1.87	<2	42	<5	<5	32	<2	<2	8	3	8	303	0.57	0.05	1.23	0.17	0.02	0.02	444
S0701774	32166	15	5	17	<0.4	<2	12	<1	8	23	1.29	<2	31	<5	<5	24	<2	<2	7	2	8	182	0.38	0.05	0.96	0.14	0.02	0.01	279
S0701775	32167	18	4	23	<0.4	2	26	<1	11	39	1.84	<2	56	<5	<5	35	<2	<2	9	2	5	233	0.59	0.06	1.32	0.15	0.02	0.02	263
S0701776	32168	31	10	35	<0.4	6	35	<1	16	44	2.40	<2	58	<5	<5	45	<2	<2	12	5	10	328	0.83	0.08	1.96	0.44	0.02	0.06	531
S0701776 rpt		31	10	36	<0.4	2	37	<1	17	45	2.45	<2	59	<5	<5	46	<2	<2	12	5	11	335	0.87	0.08	2.01	0.45	0.02	0.06	542
S0701777	32169	38	5	22	<0.4	2	44	<1	11	36	1.91	<2	46	<5	<5	35	<2	<2	13	5	8	239	0.55	0.07	1.59	0.22	0.02	0.04	389
S0701778	32170	31	13	26	<0.4	6	34	<1	28	37	2.16	<2	50	<5	<5	41	<2	<2	20	6	19	932	0.64	0.07	1.32	0.31	0.02	0.06	469
S0701779	32151	17	5	27	<0.4	3	31	<1	14	36	2.34	<2	41	<5	<5	36	<2	<2	10	5	9	255	0.68	0.06	1.63	0.16	0.02	0.04	322
S0701780	32152	17	11	27	<0.4	10	37	<1	15	38	2.93	<2	48	<5	<5	41	<2	<2	11	5	15	231	0.60	0.08	2.38	0.17	0.02	0.04	1093
S0701781	32153	15	8	28	<0.4	4	26	<1	11	27	1.97	<2	35	<5	<5	30	<2	<2	4	2	8	189	0.51	0.04	1.62	0.07	0.02	0.02	597
S0701782	32154	19	5	29	<0.4	4	32	<1	11	30	2.19	<2	33	<5	<5	32	<2	<2	4	2	5	198	0.46	0.04	1.66	0.06	0.02	0.02	277
S0701783	32155	11	6	19	<0.4	4	45	<1	9	22	2.82	<2	33	5	<5	39	<2	<2	5	<2	3	138	0.27	0.04	1.86	0.06	0.02	0.01	191
S0701784	32156	17	5	24	<0.4	4	32	<1	11	29	2.82	<2	38	<5	<5	44	<2	<2	4	3	5	159	0.42	0.05	2.25	0.05	0.02	0.02	284
S0701785	32162	29	5	19	<0.4	4	17	<1	9	25	1.71	<2	35	<5	<5	33	<2	<2	5	3	5	158	0.42	0.06	1.74	0.08	0.02	0.02	281
S0701786	32163	25	8	20	<0.4	6	23	<1	13	27	2.14	<2	36	<5	<5	38	<2	<2	5	4	6	147	0.40	0.06	2.02	0.08	0.02	0.02	219

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GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0701787	32164	16	6	35	<0.4	4	37	<1	16	36	2.39	<2	37	<5	<5	41	<2	<2	6	4	7	215	0.55	0.06	1.80	0.12	0.02	0.03	263
S0701788	32165	28	7	37	<0.4	5	29	<1	17	34	2.24	<2	39	<5	<5	41	<2	<2	6	3	6	208	0.54	0.06	1.83	0.13	0.02	0.03	342
S0701789	32166	28	11	31	<0.4	5	19	<1	14	28	2.37	<2	39	<5	<5	36	<2	<2	8	4	8	293	0.48	0.06	1.94	0.16	0.02	0.02	539
S0701790	32167	5	8	21	<0.4	3	24	<1	5	13	1.98	<2	28	<5	<5	37	<2	<2	7	2	5	98	0.23	0.06	1.50	0.08	0.02	0.02	125
S0701791	32168	14	8	25	<0.4	4	26	<1	10	27	2.30	<2	41	5	<5	33	<2	<2	4	3	2	214	0.47	0.06	2.33	0.05	0.02	0.02	177
S0701792	32169	12	4	22	<0.4	3	28	<1	9	25	1.85	<2	37	<5	<5	34	<2	<2	6	3	8	201	0.51	0.05	1.64	0.12	0.02	0.02	364
S0701793	32170	37	10	23	<0.4	5	32	<1	13	28	1.85	<2	35	<5	<5	32	<2	<2	4	3	8	212	0.47	0.04	1.48	0.06	0.02	0.02	280
S0701793 rpt		39	11	24	<0.4	5	34	<1	13	29	1.90	<2	37	<5	<5	36	<2	<2	4	3	9	220	0.51	0.05	1.51	0.07	0.02	0.02	286
S0701794	32171	41	16	28	<0.4	10	31	<1	18	32	2.12	<2	38	<5	<5	32	<2	<2	5	5	13	253	0.49	0.04	1.85	0.10	0.02	0.02	421
S0701795	32172	37	8	27	<0.4	5	32	<1	13	32	2.16	<2	37	<5	<5	29	<2	<2	4	3	9	236	0.58	0.04	1.65	0.09	0.02	0.02	352
S0701796	32173	15	5	33	<0.4	2	29	<1	9	24	1.86	<2	33	<5	<5	30	<2	<2	3	<2	3	214	0.43	0.04	1.55	0.05	0.02	0.01	268
S0701797	32174	23	24	32	<0.4	4	28	<1	5	16	2.72	<2	40	<5	<5	45	<2	<2	3	<2	2	106	0.28	0.06	2.03	0.04	0.01	0.04	381
S0701798	32175	12	6	31	<0.4	3	35	<1	11	31	2.12	<2	34	5	<5	32	<2	<2	4	2	4	204	0.45	0.04	1.58	0.08	0.02	0.02	402
S0701799	32176	13	5	16	<0.4	3	17	<1	8	23	1.55	<2	27	<5	<5	25	<2	<2	4	3	8	149	0.38	0.04	1.20	0.08	0.01	0.01	232
S0701800	32180	12	6	45	<0.4	3	28	<1	11	31	1.98	<2	37	<5	<5	33	<2	<2	4	2	4	277	0.47	0.04	1.60	0.10	0.02	0.02	553
S0701801	32181	14	5	34	<0.4	3	33	<1	13	31	1.80	<2	38	<5	<5	31	<2	<2	5	2	4	215	0.45	0.05	1.57	0.09	0.02	0.02	329
S0701802	32162	15	7	26	<0.4	3	33	<1	12	35	1.86	<2	48	<5	<5	33	<2	<2	5	2	4	204	0.52	0.06	1.53	0.08	0.02	0.04	250
S0701803	32183	8	5	15	<0.4	2	22	<1	10	24	1.63	<2	30	<5	<5	28	<2	<2	4	2	4	159	0.39	0.04	1.34	0.08	0.02	0.02	276
S0701804	32187	7	6	42	<0.4	2	28	<1	5	17	2.13	<2	32	5	<5	35	<2	<2	3	<2	3	111	0.23	0.05	1.92	0.05	0.02	0.01	409
S0701804 rpt		8	6	46	<0.4	2	28	<1	5	17	2.07	<2	31	<5	<5	35	<2	<2	5	<2	3	111	0.24	0.06	1.91	0.07	0.02	0.01	388
S0701805	32188	14	5	63	<0.4	2	34	<1	12	30	1.96	<2	50	<5	<5	36	<2	<2	5	2	4	188	0.55	0.06	1.64	0.10	0.02	0.02	368
S0701806	32189	17	10	53	<0.4	5	23	<1	9	22	2.40	<2	34	5	<5	36	<2	<2	4	2	2	256	0.38	0.05	2.23	0.07	0.02	0.02	528
S0701807	40204	97	33	23	<0.4	15	37	<1	22	29	1.53	<2	39	<5	<5	31	<2	<2	8	3	9	187	0.39	0.04	1.28	0.14	0.02	0.02	309
S0701808	40205	66	8	21	<0.4	3	13	<1	8	26	1.56	<2	36	<5	<5	30	<2	<2	4	3	10	135	0.40	0.06	1.48	0.08	0.02	0.01	236
S0701809	40206	14	5	21	<0.4	4	29	<1	12	27	1.95	<2	38	<5	<5	36	<2	<2	6	3	7	218	0.47	0.05	1.37	0.09	0.02	0.03	403
S0701810	40207	24	5	16	<0.4	3	18	<1	8	19	1.31	<2	26	<5	<5	29	<2	<2	4	3	8	163	0.37	0.04	0.87	0.10	0.01	0.02	330
S0701811	40208	44	14	40	<0.4	5	38	<1	15	34	2.11	<2	41	5	<5	39	<2	<2	7	2	6	293	0.55	0.05	1.57	0.12	0.02	0.04	399
S0701812	40209	15	6	20	<0.4	2	22	<1	10	23	1.75	<2	33	<5	<5	34	<2	<2	4	3	4	145	0.36	0.05	1.46	0.07	0.02	0.02	300
S0701813	40210	26	5	22	<0.4	5	28	<1	5	18	1.41	<2	25	<5	<5	27	<2	<2	5	2	10	136	0.29	0.04	1.00	0.07	0.02	0.01	222
S0701814	40211	29	5	30	<0.4	5	37	<1	10	24	2.66	<2	33	5	<5	34	<2	<2	5	2	7	289	0.40	0.04	1.37	0.07	0.02	0.02	343
S0701815	40212	71	5	18	<0.4	3	13	<1	4	13	1.95	<2	36	<5	<5	26	<2	<2	4	3	11	80	0.22	0.04	3.01	0.07	0.02	0.01	491
S0701815 rpt		83	6	22	<0.4	4	15	<1	5	16	2.25	<2	43	6	<5	29	<2	<2	6	3	11	97	0.25	0.05	3.53	0.10	0.02	0.02	566
S0701816	40213	86	9	30	<0.4	6	59	<1	16	38	2.14	<2	46	<5	<5	41	<2	<2	7	4	11	286	0.54	0.05	1.71	0.12	0.02	0.04	330
S0701817	40214	23	7	27	<0.4	5	20	<1	11	27	1.70	<2	32	<5	<5	33	<2	<2	5	2	7	160	0.39	0.05	1.44	0.10	0.02	0.02	340
S0701818	40215	25	9	40	<0.4	7	18	<1	14	27	1.62	<2	31	<5	<5	33	<2	<2	6	2	7	161	0.30	0.05	1.74	0.12	0.02	0.02	471
S0701819	40216	15	8	25	<0.4	4	41	<1	15	35	2.10	<2	46	<5	<5	38	<2	<2	6	2	5	277	0.57	0.06	1.71	0.09	0.02	0.03	267
S0701820	40217	14	8	23	<0.4	6	17	<1	7	21	1.54	<2	32	<5	<5	31	<2	<2	6	4	16	136	0.34	0.05	1.67	0.10	0.02	0.02	377
S0701821	40244	28	4	18	<0.4	2	18	<1	8	24	1.54	<2	27	<5	<5	27	<2	<2	5	2	6	206	0.40	0.03	1.03	0.10	0.02	0.03	425
S0701822	40246	16	4	23	<0.4	2	69	<1	7	26	1.58	<2	31	<5	<5	27	<2	<2	9	3	11	218	0.40	0.03	1.13	0.16	0.02	0.03	465
S0701823	40247	8	<4	15	<0.4	<2	26	<1	5	15	1.20	<2	23	<5	<5	23	<2	<2	4	<2	6	143	0.30	0.02	0.83	0.07	0.02	0.02	167

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LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0701824	40248	20	<4	12	<0.4	<2	23	<1	6	17	1.22	<2	26	<5	<5	25	<2	<2	5	2	9	133	0.35	0.03	0.97	0.12	0.02	0.02	359
S0701825	40249	20	5	19	<0.4	3	35	<1	12	29	1.92	<2	41	<5	<5	34	<2	<2	8	2	7	366	0.52	0.04	1.37	0.10	0.02	0.03	376
S0701826	40250	18	5	18	<0.4	4	42	<1	11	26	1.90	<2	33	<5	<5	33	<2	<2	6	<2	4	182	0.37	0.04	1.54	0.06	0.01	0.02	291
S0701827	40251	14	4	16	<0.4	<2	33	<1	10	24	1.53	<2	29	<5	<5	26	<2	<2	6	2	7	245	0.44	0.03	1.09	0.10	0.02	0.02	251
S0701828	40252	10	4	15	<0.4	<2	27	<1	8	21	1.40	<2	28	<5	<5	26	<2	<2	6	2	5	189	0.38	0.04	1.20	0.11	0.02	0.02	272
S0701829	40253	46	4	18	<0.4	5	30	<1	7	23	1.38	<2	26	5	<5	27	<2	<2	7	2	8	155	0.41	0.04	1.09	0.15	0.02	0.02	412
S0701830	40254	24	6	32	<0.4	4	38	<1	14	38	2.43	<2	39	<5	<5	40	<2	<2	12	3	9	273	0.56	0.05	1.70	0.17	0.02	0.03	446
S0701831	40255	21	<4	15	<0.4	2	24	<1	7	17	1.31	<2	25	<5	<5	28	<2	<2	6	2	9	137	0.32	0.04	1.06	0.09	0.02	0.02	222
S0701832	40256	23	5	25	<0.4	3	40	<1	10	28	2.39	<2	40	<5	<5	39	<2	<2	7	2	5	204	0.51	0.05	1.81	0.09	0.02	0.03	165
S0701833	40257	21	<4	16	<0.4	2	27	<1	9	26	1.58	<2	32	<5	<5	29	<2	<2	10	3	10	220	0.46	0.04	1.20	0.13	0.02	0.03	306
S0701834	40264	17	5	19	<0.4	3	34	<1	11	31	1.62	<2	34	<5	<5	32	<2	<2	6	3	8	207	0.43	0.05	1.36	0.18	0.02	0.03	452
S0701835	40265	45	6	30	<0.4	3	42	<1	16	49	2.33	<2	67	<5	<5	42	<2	<2	21	6	20	269	0.72	0.06	1.63	0.35	0.03	0.09	839
S0701836	40266	28	7	20	<0.4	3	46	<1	12	32	1.64	<2	40	<5	<5	32	<2	<2	8	3	5	180	0.43	0.05	1.47	0.17	0.02	0.03	415
S0701837	40267	1222	4	31	<0.4	3	20	<1	46	21	1.34	<2	30	<5	<5	25	<2	<2	10	15	33	383	0.33	0.04	0.85	0.23	0.02	0.03	582
S0701838	40268	845	52	1230	0.6	4	55	<1	30	96	4.41	<2	57	5	<5	70	<2	<2	18	11	14	490	1.55	0.08	3.27	0.43	0.06	0.12	342
S0701839	40269	34	10	23	<0.4	4	32	<1	11	24	1.37	<2	36	<5	<5	29	<2	<2	9	3	10	220	0.38	0.04	0.97	0.20	0.02	0.04	494
S0701840	40270	15	5	14	<0.4	2	26	<1	7	20	1.23	<2	34	<5	<5	25	<2	<2	10	3	8	156	0.34	0.05	0.98	0.14	0.02	0.02	285
S0701841	40275	12	<4	15	<0.4	<2	24	<1	8	21	1.22	<2	26	<5	<5	25	<2	<2	6	2	7	154	0.36	0.04	0.98	0.13	0.02	0.02	250
S0701842	40276	16	4	16	<0.4	2	56	<1	10	29	1.69	<2	32	<5	<5	33	<2	<2	11	3	10	223	0.46	0.05	1.29	0.21	0.02	0.05	449
S0701843	40277	19	<4	18	<0.4	<2	38	<1	10	29	1.47	<2	31	<5	<5	28	<2	<2	8	3	9	185	0.43	0.05	1.52	0.17	0.02	0.04	345
S0701843 rpt		18	<4	17	<0.4	3	33	<1	9	28	1.42	<2	30	<5	<5	25	<2	<2	5	3	10	177	0.40	0.03	1.41	0.13	0.02	0.03	344
S0701844	40278	10	<4	15	<0.4	<2	25	<1	5	17	1.05	<2	24	<5	<5	27	<2	<2	9	5	12	100	0.26	0.05	1.22	0.14	0.02	0.02	202
S0701845	40279	28	4	21	<0.4	<2	47	<1	7	23	1.26	<2	28	<5	<5	27	<2	<2	11	2	8	143	0.31	0.05	0.98	0.19	0.02	0.02	134
S0701846	40280	24	9	17	<0.4	3	45	<1	10	34	1.74	<2	49	<5	<5	36	<2	<2	11	3	8	218	0.53	0.06	1.72	0.23	0.02	0.05	398
S0701847	40281	79	7	22	<0.4	5	86	<1	37	225	4.21	<2	39	6	<5	78	<2	<2	32	4	10	806	1.21	0.06	3.05	0.80	0.14	0.07	563
S0701848	40282	16	5	30	<0.4	<2	28	<1	14	36	1.78	<2	35	<5	<5	36	<2	<2	10	3	7	185	0.48	0.06	1.89	0.18	0.02	0.03	378
S0701849	40283	8	<4	11	<0.4	<2	21	<1	7	17	1.11	<2	26	<5	<5	24	<2	<2	10	2	10	206	0.33	0.04	0.78	0.17	0.02	0.02	224
S0701850	40285	11	<4	27	<0.4	2	21	<1	7	19	1.26	<2	27	<5	<5	27	<2	<2	7	2	5	129	0.31	0.05	1.00	0.12	0.02	0.02	283
S0701851	40286	3	9	18	<0.4	3	11	<1	2	6	1.15	<2	13	<5	<5	27	<2	<2	8	2	5	67	0.12	0.06	0.60	0.10	0.02	0.01	131
S0701852	40287	19	<4	13	<0.4	2	33	<1	7	21	1.38	<2	28	<5	<5	28	<2	<2	11	3	7	121	0.29	0.06	1.36	0.16	0.02	0.03	206
S0701853	40288	14	<4	10	<0.4	<2	23	<1	6	20	1.06	<2	28	<5	<5	26	<2	<2	12	3	9	166	0.31	0.05	0.84	0.21	0.02	0.03	350
S0701854	40289	20	<4	12	<0.4	<2	34	<1	7	27	1.18	<2	34	<5	<5	25	<2	<2	9	3	8	203	0.36	0.05	1.01	0.18	0.02	0.03	328
S0701855	40290	14	<4	14	<0.4	<2	33	<1	7	24	1.23	<2	31	<5	<5	25	<2	<2	10	2	7	179	0.34	0.05	1.04	0.16	0.02	0.02	239
S0701855 rpt		11	4	14	<0.4	<2	33	<1	7	23	1.22	<2	30	<5	<5	24	<2	<2	7	2	7	174	0.34	0.04	1.01	0.14	0.02	0.02	239
S0701856	40298	14	6	18	<0.4	2	31	<1	10	27	1.61	<2	33	<5	<5	28	<2	<2	8	3	6	231	0.48	0.04	1.19	0.14	0.02	0.03	315
S0701857	40299	27	<4	15	<0.4	<2	27	<1	9	27	1.54	<2	32	<5	<5	27	<2	<2	7	3	7	168	0.44	0.04	1.21	0.12	0.02	0.02	267
S0701858	40300	22	5	16	<0.4	3	33	<1	9	27	1.62	<2	40	5	<5	30	<2	<2	12	6	17	304	0.46	0.05	1.17	0.18	0.02	0.03	260
S0701859	40301	16	4	20	<0.4	2	47	<1	10	32	1.86	<2	40	<5	<5	30	<2	<2	9	4	11	246	0.53	0.05	1.55	0.15	0.02	0.03	271
S0701860	40302	7	<4	14	<0.4	<2	44	<1	9	25	1.46	<2	32	<5	<5	27	<2	<2	7	2	7	158	0.38	0.05	1.35	0.10	0.02	0.02	162
S0701861	40303	7	4	23	<0.4	3	32	<1	8	17	1.92	<2	30	<5	<5	34	<2	<2	6	3	9	134	0.24	0.04	1.90	0.10	0.02	0.03	931

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LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0701862	40304	14	<4	13	<0.4	<2	35	<1	7	32	1.23	<2	31	<5	<5	29	<2	<2	10	3	7	121	0.38	0.06	1.07	0.16	0.02	0.02	246
S0701863	40305	9	<4	11	<0.4	<2	22	<1	8	22	1.32	<2	29	<5	<5	27	<2	<2	6	3	8	136	0.34	0.04	1.15	0.13	0.02	0.02	258
S0701864	40306	20	5	13	<0.4	<2	41	<1	8	24	1.48	<2	34	<5	<5	28	<2	<2	5	3	10	140	0.33	0.05	1.46	0.09	0.02	0.02	226
S0701865	40307	21	<4	9	<0.4	<2	16	<1	4	13	0.81	<2	19	<5	<5	21	<2	<2	6	4	16	105	0.27	0.03	0.63	0.13	0.02	0.01	188
S0701866	40308	18	4	12	<0.4	<2	19	<1	5	14	1.41	<2	22	<5	<5	28	<2	<2	3	<2	5	61	0.21	0.03	1.29	0.06	0.01	0.01	306
S0701867	40309	6	<4	10	<0.4	<2	48	<1	8	23	1.44	<2	26	<5	<5	23	<2	<2	3	<2	7	126	0.29	0.02	1.33	0.07	0.02	0.02	167
S0701867 rpt		6	4	9	<0.4	<2	45	<1	7	21	1.29	<2	23	<5	<5	21	<2	<2	2	<2	6	116	0.27	0.01	1.20	0.05	0.02	0.02	153
S0701868	40310	5	<4	10	<0.4	<2	27	<1	6	16	1.05	<2	18	<5	<5	20	<2	<2	4	2	12	122	0.25	0.02	0.79	0.08	0.02	0.03	293
S0701869	40311	3	<4	6	<0.4	<2	19	<1	2	4	0.35	<2	11	<5	<5	9	<2	<2	3	<2	8	38	0.11	0.01	0.46	0.05	0.02	0.02	99
S0701870	40312	3	4	12	<0.4	<2	22	<1	1	5	0.72	<2	19	<5	6	22	<2	<2	3	<2	5	43	0.11	0.02	1.36	0.04	0.02	0.01	215
S0701871	40313	18	5	18	<0.4	3	58	<1	9	27	1.52	<2	37	<5	<5	27	<2	<2	8	2	9	169	0.35	0.03	1.42	0.13	0.02	0.03	516
S0701872	40314	7	<4	15	<0.4	<2	45	<1	6	19	1.27	<2	26	<5	<5	24	<2	<2	4	2	7	110	0.26	0.03	1.03	0.08	0.02	0.02	228
S0701873	40315	14	4	13	<0.4	2	33	<1	7	25	1.19	<2	29	<5	<5	24	<2	<2	6	2	10	149	0.36	0.03	1.08	0.13	0.02	0.02	425
S0701874	40316	26	<4	12	<0.4	2	22	<1	8	22	1.89	<2	30	5	<5	29	<2	<2	4	2	5	134	0.28	0.04	1.72	0.07	0.02	0.01	199
S0701875	40317	7	<4	16	<0.4	<2	34	<1	7	22	1.34	<2	30	<5	<5	25	<2	<2	3	<2	5	120	0.30	0.04	1.25	0.05	0.02	0.02	192
S0701876	40365	8	<4	12	<0.4	2	18	<1	5	17	1.54	<2	25	5	<5	25	<2	<2	4	2	8	108	0.29	0.02	1.37	0.08	0.02	0.01	285
S0701877	40366	19	<4	16	<0.4	<2	44	<1	10	30	1.65	<2	34	<5	<5	25	<2	<2	4	2	7	180	0.47	0.03	1.41	0.08	0.02	0.03	371
S0701878	40367	14	6	18	<0.4	2	41	<1	9	28	1.90	<2	39	<5	<5	30	<2	<2	6	3	10	156	0.34	0.03	2.13	0.11	0.02	0.02	598
S0701879	40368	13	4	12	<0.4	<2	17	<1	5	15	1.21	<2	25	<5	<5	25	<2	<2	3	2	5	108	0.26	0.04	1.10	0.06	0.02	0.01	238
S0701880	40369	4	4	16	<0.4	2	18	<1	4	11	2.18	<2	28	5	<5	35	<2	<2	4	2	5	96	0.24	0.06	1.26	0.05	0.02	0.01	208
S0701881	40412	20	4	19	<0.4	2	27	<1	9	26	1.45	<2	35	<5	<5	32	<2	<2	11	3	7	255	0.45	0.05	1.13	0.19	0.02	0.03	338
S0701882	40413	23	5	19	<0.4	2	33	<1	10	32	1.63	<2	40	<5	<5	31	<2	<2	11	3	9	239	0.48	0.05	1.40	0.16	0.02	0.04	324
S0701883	40414	22	6	28	<0.4	2	32	<1	13	34	2.12	<2	46	<5	<5	40	<2	<2	10	3	7	265	0.59	0.08	1.87	0.16	0.02	0.04	412
S0701884	40415	18	7	26	<0.4	3	28	<1	11	30	1.58	<2	37	<5	<5	29	<2	<2	8	2	6	293	0.47	0.05	1.19	0.14	0.02	0.03	346
S0701885	40416	12	7	15	<0.4	<2	16	<1	8	23	1.26	<2	27	<5	<5	24	<2	<2	8	2	6	227	0.39	0.04	0.90	0.17	0.02	0.03	419
S0701886	40417	11	4	20	<0.4	<2	17	<1	8	21	1.28	<2	28	<5	<5	26	<2	<2	5	2	5	160	0.35	0.04	1.03	0.09	0.02	0.02	267
S0701887	40418	20	5	15	<0.4	2	25	<1	10	28	1.42	<2	34	<5	<5	26	<2	<2	6	2	5	199	0.42	0.04	1.06	0.12	0.02	0.02	292
S0701888	40419	24	5	16	<0.4	<2	38	<1	8	26	1.40	<2	38	<5	<5	27	<2	<2	7	3	9	244	0.43	0.04	1.07	0.14	0.02	0.03	334
S0701888 rpt		24	4	17	<0.4	<2	38	<1	8	26	1.41	<2	39	<5	<5	28	<2	<2	7	3	10	246	0.43	0.04	1.09	0.13	0.02	0.03	345
S0701889	40420	14	4	22	<0.4	4	32	<1	10	32	1.74	<2	39	<5	<5	30	<2	<2	6	2	5	203	0.49	0.04	1.54	0.11	0.02	0.03	388
S0701890	40421	38	6	18	<0.4	3	32	<1	10	30	1.61	<2	40	<5	<5	28	<2	<2	7	2	6	254	0.50	0.05	1.19	0.12	0.02	0.03	324
S0701891	40424	36	5	23	<0.4	3	37	<1	13	35	1.91	<2	38	<5	<5	36	<2	<2	10	3	8	272	0.58	0.06	1.52	0.21	0.03	0.05	441
S0701892	40425	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
S0701893	40426	35	4	37	<0.4	2	28	<1	7	22	1.38	<2	23	<5	<5	34	<2	<2	9	2	7	112	0.34	0.06	1.31	0.15	0.02	0.02	157
S0701894	40427	6	4	17	<0.4	<2	11	<1	5	18	1.08	<2	24	<5	<5	24	<2	<2	7	2	6	144	0.35	0.04	0.98	0.15	0.02	0.01	347
S0701895	40428	9	<4	19	<0.4	2	36	<1	9	27	1.43	<2	33	5	<5	27	<2	<2	6	2	4	204	0.41	0.04	1.29	0.10	0.02	0.02	174
S0701896	40429	27	<4	19	<0.4	<2	26	<1	9	22	1.33	<2	27	<5	<5	28	<2	<2	5	2	4	136	0.35	0.05	1.12	0.07	0.02	0.02	162
S0701896 rpt		27	<4	18	<0.4	<2	25	<1	9	21	1.29	<2	27	<5	<5	25	<2	<2	4	<2	4	132	0.33	0.04	1.07	0.05	0.02	0.02	167
S0701897	40430	21	5	19	<0.4	<2	29	<1	10	32	1.62	<2	39	<5	<5	30	<2	<2	6	2	7	222	0.47	0.04	1.36	0.11	0.02	0.03	302
S0701898	40431	19	<4	16	<0.4	2	20	<1	8	23	1.40	<2	32	5	<5	25	<2	<2	10	3	11	302	0.42	0.03	0.85	0.17	0.02	0.02	413

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GDL Job No: V07-0428S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0701899	40434	31	6	24	<0.4	3	34	<1	12	31	1.69	<2	40	<5	<5	30	<2	<2	8	4	12	295	0.49	0.04	1.29	0.14	0.02	0.04	324
S0701900	40437	47	7	21	<0.4	3	43	<1	13	39	2.00	<2	49	<5	<5	34	<2	<2	6	5	12	203	0.51	0.05	2.27	0.10	0.02	0.02	348
S0701901	40439	50	5	23	<0.4	<2	30	<1	10	34	1.66	<2	47	<5	<5	32	<2	<2	8	4	11	184	0.50	0.05	1.64	0.16	0.02	0.02	483
S0701902	40440	38	7	23	<0.4	4	27	<1	9	30	1.79	<2	36	<5	<5	35	<2	<2	6	2	6	167	0.44	0.05	2.13	0.10	0.02	0.03	362
S0701903	40441	30	5	19	<0.4	3	40	<1	9	28	1.69	<2	37	<5	<5	32	<2	<2	7	3	11	154	0.40	0.05	1.71	0.12	0.02	0.03	287
S0701904	40442	21	<4	17	<0.4	<2	41	<1	10	29	1.55	<2	36	<5	<5	29	<2	<2	6	2	5	182	0.43	0.05	1.26	0.10	0.02	0.02	160
S0701905	40443	16	5	23	<0.4	3	25	<1	11	36	1.52	<2	32	<5	<5	27	<2	<2	6	2	5	229	0.40	0.04	1.42	0.13	0.02	0.02	369
S0701906	40444	31	6	19	<0.4	2	48	<1	14	31	1.73	<2	35	<5	<5	31	<2	<2	8	3	9	343	0.52	0.04	1.33	0.18	0.02	0.05	423
S0701907	40445	8	<4	14	<0.4	<2	26	<1	8	23	1.25	<2	26	<5	<5	22	<2	<2	4	<2	5	155	0.40	0.03	0.97	0.08	0.02	0.02	229
S0701908	40446	11	<4	14	<0.4	2	23	<1	8	25	1.33	<2	29	5	<5	24	<2	<2	5	2	6	207	0.40	0.03	0.93	0.13	0.02	0.02	485
S0701909	40447	19	<4	12	<0.4	<2	16	<1	5	14	0.86	<2	19	<5	<5	19	<2	<2	5	3	10	164	0.28	0.02	0.49	0.14	0.02	0.01	257
STD: DA		128	226	648	5.9	47	549	3	12	39	3.21	3	34	5	<5	59	2	<2	38	8	16	652	0.54	0.05	1.75	0.51	0.06	0.13	1020
STD: DA		125	235	676	4.8	51	553	3	13	43	3.42	3	37	5	<5	59	2	<2	39	8	17	680	0.56	0.05	1.94	0.52	0.06	0.13	1042
STD: DA		121	223	639	4.4	46	525	3	12	39	3.21	3	33	6	<5	56	<2	<2	36	8	18	649	0.51	0.05	1.74	0.49	0.05	0.12	1002
STD: DA		119	221	630	4.2	45	518	3	12	39	3.19	3	35	5	<5	58	<2	<2	36	8	16	643	0.52	0.05	1.76	0.49	0.05	0.12	1016
STD: DA		107	205	576	5.6	42	489	2	10	35	2.83	2	30	6	<5	50	<2	<2	33	7	15	579	0.47	0.05	1.55	0.46	0.05	0.11	895

I=insufficient sample

If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

ICP-OES PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

Alice Kwan

Alice Kwan, Chemist-Teck Cominco G.D.L.

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