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Recycling of Continental Crust Captured in Pamir Xenoliths

A Thesis submitted in partial satisfaction of the

requirements for the degree Master of Science

in Earth Science

by

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June 2017

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May 2017

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Madeline Ellen Faith Shaffer

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ABSTRACT

Recycling of Continental Crust Captured in Pamir Xenoliths

by

Madeline Ellen Faith Shaffer

Xenoliths that erupted in the SE Pamir of Tajikistan from 1000–1100°C and 90 km depth are exclusively crustal, providing a means of examining what happens to crust that founders into the mantle. ${}^{40}\text{Ar}/{}^{39}\text{Ar}$ dating of volcanic minerals indicates an eruption age of 10.0 ± 0.2 Ma. U-Pb + trace-element laser-ablation split stream inductively coupled plasma mass spectrometry of zircon shows that the xenoliths were likely derived from the crustal section into which they were intruded: the igneous xenoliths were derived from the Jurassic-Cretaceous Trans-Himalayan Batholith, and the metasedimentary xenoliths are like the stratigraphic section that hosts the Batholith. Recrystallization of these zircons was extensive, yielding a range of dates down to 10 Ma. The zircons show distinct changes in Eu anomaly, Lu/Gd ratio, and Ti concentrations compatible with garnet growth and minimal heating at 22–20 Ma, and then 200–300°C of heating, ~40 km of burial, and alkali–carbonate melt injection at 14–11 Ma. These dramatic changes are interpreted to coincide with foundering of the Pamir lower crust caused by tectonic thickening and northward rollback of the Asian slab. These xenoliths provide our only known record of the physical and chemical changes during the foundering continental crust.

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I. Introduction

Recycling of continental crust into the mantle is among the most-important processes driving the chemical and physical evolution of Earth. Mechanisms of crustal recycling include arc subduction, sediment subduction, continent subduction, subduction erosion, and foundering [e.g., *Hacker et al.*, 2015]. These processes dictate the rates and types of crustal chemical and physical evolution—and even more-fundamental issues such as the secular evolution of continental volume—but are only loosely understood. This limitation has led to a wide range of viewpoints on the efficiency of the recycling process. If, for example, 95% of continental crustal material that is ablated by subduction erosion is returned to the mantle—as suggested by *Scholl and von Huene* [2007]—this process may destroy continental crust as fast as it is produced [*Stern*, 2010], and the eroded material comes from all crustal levels. Alternatively, if crustal material carried into the mantle by subduction erosion undergoes buoyancy-driven fractionation, the mafic material may return to the mantle, and the felsic material may be relaminated to the base of the crust [*Hacker et al.*, 2011; *Hacker et al.*, 2015; *Kelemen and Behn*, 2016].

During the twilight of the geosyncline era and the dawn of the plate-tectonic revolution, *Ringwood and Green* [1966] realized that the basalt→eclogite transformation could drive crustal foundering, and Armstrong [1968] suggested that large-scale recycling of continental crust might occur by sediment subduction. Over the next few decades, crustal recycling via the foundering of gravitationally unstable lower portions of arcs [*Herzberg et al.*, 1983; *Arndt and Goldstein*, 1989; *Kay and Kay*, 1991], and via sediment subduction [*Hilde*, 1983] became mainstream concepts. The importance of crustal recycling by subduction erosion was recognized next [*Clift and Vannucchi*, 2004;*Scholl and von Huene*, 2007], and—once the abundance of ultrahigh-pressure (UHP) terranes became clear [*Ernst*, 2001]—continental foundering and subduction [*Molnar and Gray*, 1979] were recognized as important recycling processes. The most-recent form of crustal recycling that has been suggested is arc subduction [*Tamura et al.*, 2010; *Hacker et al.*, 2011, 2015; *Kelemen & Behn*, 2016].

These crustal recycling processes are of supreme interest for understanding the evolution of Earth for many reasons:

- Selective removal of dense material changes the composition of Earth's crust, leading to secular variation in composition, or long-term chemical differentiation. Such changes have implications for the thickness, thermal structure, radioactivity profile, and velocity structure of the crust [*Herzberg et al.*, 1983; *Arndt and Goldstein*, 1989; *Kay and Kay*, 1991; *Jull and Kelemen*, 2001; *Behn and Kelemen*, 2006; *Kukkonen et al.*, 2008; *Hacker et al.*, 2011; *Lee*, 2014].
- Introduction of differentiated crust into the mantle produces local chemical heterogeneities in the mantle that may drive or affect melting, or enhance or diminish chemical buoyancy and thus gravity-driven motion [*Allègre and Turcotte*, 1986; *Arndt and Goldstein*, 1989; *Kay and Kay*, 1991; *Lee*, 2014].
- Continental crust is almost everywhere thinner than 50 km, suggesting that crust thicker than this is gravitationally unstable [*Anderson*, 2005] or weak [Sandiford, 2xxx].
- Changes in plate-scale forces resulting from the removal of dense material from the lithosphere can induce changes in plate motions [*Molnar et al.*, 1993].
- Intracontinental subduction may be an integral part of continental orogeny [*Burtman and Molnar*, 1993].

II. The Importance of Xenoliths

Our understanding of crustal recycling comes chiefly from i) geodynamic models [e.g., Gerya and Meilick, 2011], ii) large-scale box models that use isotopic systems to quantify recycling rates [Coltice et al., 2000; Simon and Lécuyer, 2005]; iii) exposed arc rocks, from which one can infer the magnitude and timescale of lower crustal foundering [Kelemen et al., 2003; Ducea et al., 2013]; iv) geophysical images of foundering material [Zandt and *Carrigan*, 1993]; and v) xenoliths, which provide snapshots of processes at depth. Among these techniques, xenoliths provide our only actual samples of the materials and the physical and chemical processes involved in crustal recycling, and constitute our only way to verify or "ground truth" inferences made from geodynamic models, box models, exposed arcs, and geophysical images. For example, xenoliths provided the spectacular record of foundering of the Sierra Nevada arc lower crust and upper mantle [Ducea and Saleeby, 1996; Chin et al., 2013], and the foundation for interpreting seismic wavespeeds as images of the recycling process [Zandt and Carrigan, 1993]. Despite the tremendous insight that xenoliths afford our understanding of crustal recycling, essentially all xenoliths from mantle depths are mafic or ultramafic, save two localities: one in the Pamir [Lutkov, 2003, 2005; Hacker et al., 2005] and one in Tibet [Chan et al., 2009]. These unusual xenoliths thus present a unique opportunity to understand the chemical and physical processes that attend crustal recycling.

III. Geological Setting

The Pamir are the northwestern extent of Earth's largest, archetypal continent-collision zone, the Cenozoic India–Eurasia orogenic belt (**Fig. 1**). The collision zone has an extensive history [e.g. *Burtman and Molnar*, 1993; *Schwab et al.*, 2004; *Schmidt et al.*, 2011;

Robinson, 2015; *Kufner et al.*, 2016] that includes at least three postulated Cenozoic foundering events: two breakoffs of the subducting Indian slab [*Negredo et al.*, 2007; *Replumaz et al.*, 2010; *DeCelles et al.*, 2011], and one event involving foundering of the Asian slab [*Kufner et al.*, 2016] and/or lower crust [*Hacker et al.*, 2005; *Gordon et al.*, 2012; *Schmidt et al.*, 2011].

A few dozen meter- to decameter-scale diatremes, volcanic necks and shallow dikes pierce the surface of the southeastern Pamir Plateau. Known as the Dunkeldik suite, these volcanic rocks range from ultrapotassic tephrite to tephriphonolite [*Malz*, 2011], syenite and carbonatite, and locally carry abundant cm- to dm-sized xenoliths [*Dmitriev*, 1976; *Lutkov*, 2003; *Lutkov*, 2005]. The xenoliths are extremely unusual: they are crustal rocks metamorphosed at ultrahigh temperature (>1000°C) and mantle depth (90 km) [*Ducea et al.*, 2003; *Hacker et al.*, 2005; *Gordon et al.*, 2012]. Apart from a single occurrence of much smaller—but otherwise similar—xenoliths in southern Tibet [*Chan et al.*, 2009], these xenoliths are one-of-a-kind: no other continental-crust xenoliths from such high pressures and temperatures are known. They alone can tell us what happens during the recycling of continental crust.

These Pamir xenoliths are especially valuable for four reasons. 1) Unlike crustal rocks that were subducted to mantle depths and exhumed in ultrahigh-pressure metamorphic terrains, the xenoliths preserve fresh minerals and textures developed at extreme mantle conditions. 2) Because the xenoliths were erupted only 10 Myr ago [this study, *Ducea et al.*, 2003], geophysical investigations of the Pamir crust and mantle [*Mechie et al.*, 2012; *Schneider et al.*, 2013; *Sippl et al.*, 2013] help place the formation and eruption of the xenoliths in a geodynamic context not possible in older orogenic belts. 3) The xenoliths were erupted near

high-grade gneiss domes composed of the same rock types (**Fig. 1**) [*Gordon et al.*, 2012], which evolved coevally with the xenoliths and were exhumed shortly after the xenoliths were erupted [*Schmidt et al.*, 2011; *Stübner et al.*, 2013b; Hacker et al., in press].These gneiss domes can be used as a reference for the type of crust from which the xenoliths might have been derived prior to foundering. 4) The xenoliths are large and contain large and abundant U- and Th-bearing accessory minerals that can be used to establish timing of events [*Ducea et al.*, 2003; *Kooijman et al.*, 2017].

Here we use zircon to quantify the chronology of P-T conditions experienced by the xenoliths *before and during this foundering event*. This study seeks to: i) define the P-T and metasomatic evolution of crustal xenoliths during a recycling event; ii) reconstruct the series of events that led to foundering via delamination beneath the Pamir; iii) estimate the size of the foundered material and its rate of foundering; and iv) discuss the implications for the late Cenozoic evolution of the Pamir.

IV. Xenolith Description

The Pamir xenolith suite used for this study includes 85 eclogite- and granulite-facies rocks ranging in composition from basalt to granodiorite to pelite, plus phlogopite–garnet pyroxenite and websterite [*Lutkov*, 2003; *Lutkov*, 2005]. Our sample collection consists of 29% mafic igneous rocks, 18% pelitic, 10% ultramafic, 41% intermediate-composition quartzofeldspathic rocks of igneous or sedimentary provenance, and 2 minettes. The volcanic host rock is strongly enriched in LILE (e.g., 7–8 wt% K₂O and La = 1000x chondrite) and depleted in HFSE (with arc-type Nb, Ta, and Ti anomalies) [*Malz*, 2011]. Its major- and trace-element compositions suggest low degrees of melting of phlogopite-bearing garnet

lherzolite at ~4 GPa (130 km depth) in the presence of ~10% "sediment" component [*Malz*, 2011].

Major-element thermobarometry, pseudosections, and oxygen-isotope thermometry indicate that the granulite-facies xenoliths reached temperatures of ~875–1000°C and pressures of ~1.8–2.3 GPa, and the eclogite-facies rocks reached ~1000–1100°C and ~2.5–2.8 GPa [*Hacker et al.*, 2005; *Gordon et al.*, 2012] (**Fig. 2**). These pressures equate to depths of 65–80 km and 85–95 km; the eclogite-facies rocks were certainly erupted from depths well below the present-day Moho (60–70 km; *Mechie et al.*, 2012], and the peak pressures suggest that the granulite-facies rocks likely were as well. The hottest xenoliths have textures indicating melt injection (represented now by crystallized K-feldspar + ternary carbonate), dehydration melting of biotite, and growth of eclogite-facies minerals in the presence of melt [*Hacker et al.*, 2005].

The quoted temperatures are quite high for crustal rocks and presumably reflect a combination of conductive heating and magma injection prior to eruption; they do not reflect heating during eruption because the length scales of elemental zoning in the minerals are incompatible with the short duration of the eruption (1–10 days) [*Hacker et al.*, 2005]. The pressures quoted for the eclogite-facies rocks were derived from net-transfer reactions with both positive and negative Clapeyron slopes and cannot be artifacts of inaccurate temperature determinations [*Hacker et al.*, 2005; *Gordon et al.*, 2012].

The first LA-ICP-MS dataset on the xenoliths [*Ducea et al.*, 2003]—constituting of 19 zircons analyzed in two thin sections—revealed that one xenolith is a Cretaceous igneous rock and a second was derived from Eocene sediment. These data require that the Pamir xenoliths were derived from Asian crust and *not* Indian crust, as the latter lacks Cretaceous

magmatic rocks. It is a strong argument against derivation of the xenoliths by subduction erosion because the leading edge of the upper plate (in Pakistan and India) is an accreted slice of *India* [*Hodges*, 2000; *Yin and Harrison*, 2000]. The xenoliths more likely reached mantle depths by foundering of Asian crust or intracontinental subduction of Asian crust [*Hacker et al.*, 2005; *Kufner et al.*, 2016]. Furthermore, *Gordon et al.* [2012] noted that most of the xenoliths are compositionally similar to the Pamir Barrovian domes, implying that the xenoliths may represent foundered Pamir lower crust [*Gordon et al.*, 2012].

The Pamir have widespread gneiss domes that expose high-grade Cenozoic rocks with bulk compositions and igneous, detrital, and metamorphic mineral dates similar to those of the xenoliths [Robinson et al., 2004; Robinson et al., 2007; Schmidt et al., 2011; Stearns et al., 2013; Stübner et al., 2013a; Stübner et al., 2013b; Rutte et al., 2017a; Rutte et al., 2017b]. The dome nearest the xenolith site, Shakhdara dome (Fig. 1), is dominated by Cretaceous plutonic rocks intruded into a Paleozoic clastic-dominated sedimentary section. Monazite, zircon, titanite, and garnet dates indicate that prograde metamorphism associated with crustal thickening in that dome began at 30 Ma and peaked around 16 Ma [Schmidt et al., 2011; Stearns et al., 2013; Stübner et al., 2013b; Hacker et al., in review]. The thickening (Fig. 3) led to the development of migmatitic gneisses (700–825°C and ~1.4–1.6 GPa; Fig. 2) [Schmidt et al., 2011; Hacker et al., in press] and may have contributed to a gravitationally unstable root. At 12 Ma—just prior to the xenoliths' eruption—exhumation of the gneiss domes began, reaching the surface by ~3 Ma (Fig. 3.3) [Stübner et al., 2013a; Stübner et al., 2013b]. The dome exhumation and the foundering of the Pamir xenoliths may have been coeval processes resulting from crustal thickening—with the base of the crust recycling into the mantle and partially erupted as xenoliths, and the middle-lower crust rising to the

surface. The P-T evolution of the xenoliths addresses the timing of these events, and reveals a coeval process of exhumation and foundering.

A. Petrography

The xenoliths contain mineral assemblages of garnet + alkali feldspar + quartz + rutile \pm phlogopite (**Fig. 4A-C**) [*Lutkov*, 2003; *Lutkov et al.*, 2005; *Hacker et al.*, 2005; *Gordon et al.*, 2012]. Xenoliths with significant kyanite and/or quartz (and detrital zircon; see below) are inferred to be metasedimentary. Xenoliths with high clinopyroxene/feldspar ratios range from quartz monzonite to granodiorite to tonalite in composition; more-mafic rocks (that lack inherited zircon; see below) are most likely igneous, whereas the more-felsic quartzofeldspathic rocks (some of which have inherited zircon) may have igneous or sedimentary protoliths. Most of the minerals are interpreted to be refractory remains after extensive melt extraction, but phlogopite, K-feldspar, and ternary Fe-Mg-Ca carbonate in some rocks may have been magmatically injected prior to eruption (**Fig. 4D**).

The two minette xenoliths (DK28 and DK36) are porphyries, with phenocrysts of alkalifeldspar and high-Ti phlogopite set in a carbonate groundmass with accessory apatite and zircon (cf. *Rock, 1980;* **Fig. 4F**). DK28 contains one 500 μ m garnet surrounded by a 50 μ m corona of clinopyroxene (**Fig. 4E**) that may be a xenocryst.

V. Methods

Zircon from 30 eclogite-facies xenoliths was analyzed in thin section for U-Pb dates and REE-Ti concentrations to reconstruct the foundering process. Zircon was first located and labeled in thin section using back-scattered electron (BSE) imaging on an FEI Quanta 400f

scanning electron microscope. The zircons were then imaged with cathodoluminescence (CL) to reveal zoning and internal textures. Inclusions in zircon were investigated by BSE and energy-dispersive spectrometry on the FEI instrument; carbonate inclusions were subsequently analyzed by wavelength-dispersive spectrometry on a Cameca SX-100 electron-probe micro-analyzer. U-Pb dates and REE-Ti concentrations were measured using LASS (laser-ablation split-stream inductively coupled-plasma mass spectrometry) [Kylander-*Clark et al.*, 2013; the laser spots were 15 µm in diameter, the laser fluence was 100% of 3 mJ, and the laser repetition rate was 4 Hz. BSE + CL images were used to guide placement of the laser beam into specific zircon compositional zones to minimize mechanical mixing. Zircon 91500 [Wiedenbeck et al., 1995] was used as the primary U-Pb reference material, and GJ1 zircon [Jackson et al., 2004] was used as a secondary U-Pb reference material to assess accuracy. For elemental concentrations, GJ1 [Liu et al., 2010] was employed as the primary reference material, and unknown elemental concentrations were normalized to a Zr concentration of 43.1 wt%. For quality control, the reference material 91500 was used as a secondary standard and yielded concentrations within 10% of published values. The raw U-Pb and trace-element data were reduced using Iolite version 2.5 [Paton et al., 2011]. All analyses were conducted at the University of California, Santa Barbara.

A total of 1521 zircon spots were analyzed from 30 thin sections (**Table 1**). The data from each ablation spot were assessed with particular care to identify which data came from homogeneous zircon, and which did not. Data that i) show downhole zoning, ii) came from spots straddling more than one CL zone, iii) are strongly discordant, or iv) have low ²⁰⁶Pb/²⁰⁴Pb ratios were rejected from the dataset. The data were also screened to remove nonzircon analyses by removing those with unusual LREE or Ti abundances. The fewest data were rejected from the non-pelite xenolith zircon cores, and the most were rejected from metasedimentary xenolith zircon cores, chiefly because the former are larger and less recrystallized. Conversely, relatively few data from the metasedimentary zircon rims were discarded compared to the non-pelite xenoliths. The final dataset consists of 1119 analyses.

Following *Rubatto* [2002], *Kelly and Harley* [2005], *Timms* [2011], and *Taylor et al.* [2015], pressure was determined qualitatively by observing changes in two aspects of zircon trace-element composition: i) Eu/Eu* related to plagioclase stability, and ii) HREE slope expressed as a Lu/Gd ratio—related to garnet stability. The expectation is that foundering of the xenoliths caused i) plagioclase breakdown that released Eu that could be consumed by zircon, and ii) garnet growth that reduced the amount of HREE that could be incorporated in zircon.

Temperature was determined from zircon Ti concentration using the *Ferry and Watson* [2007] calibration with its approximate pressure dependence of 50°C/GPa; the *Hofmann et al.* [2014] calibration yields temperatures on average 43°C hotter. Temperatures were calculated for equilibration at both 1 GPa and 2 GPa. All the rocks contain the saturating phases quartz and rutile, and pseudosection calculations indicate that rutile was stable in most of the xenoliths at >1.2 GPa. Even if rutile was not present during the low-pressure evolution of the xenoliths, the reduced a_{TiO2} afforded by the presence of ilmenite [*Ghent and Stout*, 1984] or titanite [*Kapp et al.*, 2009] has a minor effect on temperature (<50°C).

⁴⁰Ar/³⁹Ar dating was completed at Stanford University via stepwise degassing in a resistance furnace. The results were calculated using the decay-constant data and monitor ages of *Renne et al.* (2010).

VI. Results

A. ⁴⁰Ar/³⁹Ar geochronology

Phlogopite, leucite, and amphibole from the host volcanic rock, a porphyritic fergusite [*Dmitriev*, 1976], yielded a weighted mean 40 Ar/ 39 Ar date of 10.03 +0.23/-0.12 Ma, at 97.9% confidence. This is interpreted as the eruption age of the Dunkeldik ultrapotassic magmatic suite.

B. Zircon Zoning

Each thin section contains 5–60 zircons. The zircons are 50 to 200 μm in diameter, chiefly anhedral, and occur as matrix grains and inclusions—the latter hosted almost exclusively in garnet. They have different types of CL zoning, including oscillatory zoning, ghost zoning, flat-CL response, and metamict zones [*Corfu et al.*, 2003]. The zircons in the pelite xenoliths typically have small (5–15 µm diameter) cores with large (>25 µm wide) CL-flat rims (**Fig.5E–H**). Zircons in non-pelite xenoliths have large (40–100 µm diameter) oscillatory zoned cores with thin (micron-scale) flat-CL rims (**Fig. 5A–D**). In nearly all rocks, the oscillatory zoning in the zircon cores is variably replaced by irregularly shaped domains with either CL-flat (**Fig.5C**) or ghost zoning (**Fig.5D**); some of these replacement domains are preferentially developed along cracks or specific crystal sectors (**Fig.5C**). We interpret the oscillatory zoning to be igneous and the other types of zoning to be metamorphic—realizing that the "metamorphic" zoning was likely produced above the solidus in the presence of a mixed silicate–carbonatite fluid/melt [*Hacker et al.*, 2005]. Zircons from the minette xenoliths are large (~100 µm average) and have complex oscillatory zoning reminiscent of kimberlitic zircon [*Corfu et al.*, 2003] (**Fig. 5I–L**). Sample DK25—an igneous sample—contains some zircon similar to that in the minettes.

C. U-Pb Zircon geochronology

The measured U-Pb isotopic ratios, uncorrected for common Pb, are summarized **Table 1** and **Figure 6**; the complete data suite is presented in **Supplemental Figure 1**. Data from matrix zircon are shown in black, and data from zircon included in other minerals (almost exclusively garnet) are red. Some data are concordant, and some are not. Some data are clearly discordant because of the presence of common Pb, whereas other data indicate the presence of inherited components (assuming the composition of common Pb is not unusual); the latter are green.

The concordant dates range from 159 ± 6 Ma to 10 Ma. The oldest concordant dates in a majority of samples are 159-107 Ma; almost universally, these Jurassic–Cretaceous dates come from zircon cores (**Fig.5**). Discordant isotopic ratios derived from zircon cores and indicative of inherited zircon are present in six samples; their upper intercept dates (projected from 10 Ma) range from 1691 Ma to 405 Ma. Additional similar zircon may be obscured by the presence of common Pb.

The Miocene dates come almost exclusively from zircon rims (the youngest date from a zircon included in garnet is 12 Ma). In the non-minette xenoliths, these dates are 15.8 ± 0.7 Ma to 10.6 ± 0.4 Ma, but in many of these samples—particularly those with large datasets—the Miocene dates form a slightly older cluster (shown as "mean dates" in **Figure 6** and **Supplement Figure 1**) of 14.9 Ma to 13.7 Ma

Minette xenolith zircon (as well as zircon with similar shapes and zoning from DK25) yield dates solely between 12 Ma and 10 Ma, with single populations yielding intercept dates of 10.9 ± 0.1 Ma to 10.4 ± 0.1 Ma (**Figure 7**).

D. Trace-element behavior

In the non-minette xenoliths, the zircon cores have REE abundances and patterns with strongly negative Eu/Eu* anomalies and positive HREE slopes (~100-10,000 times chondrite) typical of crustal, magmatic zircon [*Hoskin and Ireland*, 2000] (**Fig. 8**). In contrast, the zircon rims (with a few exceptions in **Figure 8A**) have reduced Eu/Eu* anomalies and flat HREE slopes that are typical of high-pressure metamorphic rocks recrystallized in the presence of garnet and absence of plagioclase [e.g., *Root et al.*, 2004; *Kylander-Clark et al.*, 2013]. The minette xenolith zircons are enriched in LREE relative to all the other zircons, and have HREE slopes that are intermediate between the cores and rims of the other xenoliths; xenolith DK25 has zircon cores with REE patterns like the non-minette zircons, and zircon rims with REE patterns similar to the minettes.

The differences in zircon trace-element patterns are correlated with U-Pb date (**Fig.9**). This was first reported by *Kooijman et al.* [2017], who used a small, preliminary dataset; the different conclusions presented here are based on ten-fold larger dataset. The two-orders-of-magnitude change from HREE-rich to HREE-depleted zircon corresponds with 22–20 Ma U-Pb dates (**Fig. 9A**). The change from a strongly negative Eu anomaly to a less-negative or positive Eu anomaly corresponds to zircon with 14 Ma U-Pb dates (**Fig. 9B**).

The Ti abundances, and Ti-in-zircon temperatures (**Fig. 9C,D**) of inclusion and matrix grains from all xenoliths also show distinct changes with respect to U-Pb date: i) zircon with

dates older than 20 Ma give temperatures of 800–850°C (depending on pressure); ii) zircon with 20–15 Ma dates may be 50°C hotter; zircon with 14–11 Ma dates yield temperatures up to 1150°C (including DK25 and the minettes).

E. Zircon inclusions

Seventy-six mineral inclusions in zircon from 12 samples were studied. The inclusions are $2-30 \,\mu\text{m}$ in diameter and typically in zircon cores. The inclusions in all rock types other than minette are dominantly ternary (Ca–Na–K) feldspar, alkali feldspar, and apatite. Igneous-protolith xenolith zircons also have minor quartz, biotite, hornblende, and ternary (Ca–Mg–Fe) carbonate inclusions; metasedimentary zircon also contain kyanite and ternary carbonate. Zircon in the two minette xenoliths and in DK25 contain phlogopite, alkali feldspar, apatite, and ternary carbonate. The ternary carbonates display micron-scale compositional zoning of Mg and Ca (**Fig. 10**), and are all included within Miocene zircon zones. They are compositionally identical in composition to the ternary carbonates reported by *Hacker et al.* [2005], which were interpreted to be derived from unmixing of a carbonate-rich alkalic melt [*Lee & Wyllie*, 1998]. That alkalic melt might have been derived by small degrees of melting of a mantle source metasomatized by unknown processes of unknown age, or it might have been derived by melting of a mechanical mixture of foundering Pamir crust (i.e., the xenoliths or like material) and mantle peridotite.

VII. Discussion

A. U-Pb & Trace-elements

Interpreting trace-element and U-Pb data for zircon at temperatures as high as those experienced by the Pamir xenoliths requires careful consideration. For example, to interpret the Ti concentration and the U-Pb date from a single spot within a zircon as a *T*-*t* datum requires that both developed at the same time and that neither has been reset. The Pamir zircons have radii of 20–50 μ m and may have been held at a temperature of 800°C for 100 Myr. The characteristic lengthscale, $L_{Ti} = \text{SQRT}(2Dt)$, for Ti diffusion in undamaged zircon for this temperatures and timescale is <<1 μ m as determined from laboratory data [*Cherniak and Watson*, 2007], implying that the Ti-in-zircon temperatures were not affected by volume diffusion. The same is true for Pb, Yb, and Dy, for which laboratory diffusivities [*Cherniak et al.*, 1997; *Cherniak*, 2000] yield characteristic lengthscales smaller than the zircons in the Pamir xenoliths (**Fig. 11**).

A more serious concern is posed by the high temperatures experienced by the xenoliths in the few million years prior to eruption. The U-Pb–Ti data in **Figure 8** imply that the Pamir zircons experienced temperatures up to 1100°C for 1–4 Myr. These high temperatures are in accord with those inferred for the hottest xenoliths from garnet, clinopyroxene, and feldspar compositions [*Hacker et al.*, 2005], meaning that they are not simply the result of 1100°C zircon crystallizing during melt infiltration. The characteristic lengthscale for Ti diffusion at 1000–1100°C and 1–4 Myr is still very small compared to zircon size (**Fig. 11**), implying, again, that the Ti-in-zircon temperatures were not affected by volume diffusion—and therefore are accurate representations of temperatures experienced by the xenoliths. Not so for Pb and Yb, however, which have laboratory diffusivities at these temperatures ~3 orders of magnitude faster than Ti, and, consequently, much longer diffusive lengthscales (**Fig. 11**). If the temperature reached 1000–1100°C for 1–4 Myr, the laboratory data indicate $L_{Pb} = 20$ –

250 μm, L_{Dy} = 5–115 μm and L_{Yb} = 15–300 μm, enough to strongly modify U-Pb dates, Dy, and Lu/Dy ratios in zircon cores.

The zircon CL zoning and U-Pb date spot distributions lend additional insight to the question of how to interpret the trace-element + U-Pb data. 1) Some zircons have well-preserved, submicron-scale zoning visible in CL, and the CL-visible boundaries between the older core domains and the younger, Miocene rims are locally sharp. Dy is the main CL-active element in zircon [*Mariano*, 1989], and L_{Dy} is 5–115 µm for 1000–1100°C and 1–4 Myr (**Fig. 11**), implying that volume diffusion of Dy should have erased fine-scale CL zoning. 2) Some zircons have old U-Pb core dates and young rim dates, and others have young U-Pb core dates and old rim dates (e.g., **Fig. 5d**). Moreover, there is no simple relationship between U-Pb date and laser spot position within a grain (**Fig. 12**). Both of these observations are counter to the expected results of volume diffusion of Pb, particularly if L_{Pb} is 20–250 µm for 1000–1100°C and 1–4 Myr. Thus, the preservation of CL zoning and the heterogeneous preservation of U-Pb dates indicates that either the laboratory data describing volume diffusion do not apply to these zircons [*Kramers et al.*, 2009], or the duration of heating was << 1 Myr (**Fig. 11**).

The CL zoning and U-Pb date distributions in **Figure 5** make it clear that—although volume diffusion of Pb may not have been important—some other mechanism caused Pb and Dy mobility in many grains. The mechanism that permitted this in situ zircon recrystallization is unknown, but may have involved corrosive mixed silicate–carbonate fluid that invaded portions of zircon that were cracked, contained more crystal defects, or were subject to higher deviatoric stress; all of these are possible in a rock undergoing the type of extreme metamorphism experienced by these xenoliths. Textural evidence of *in situ*

recrystallization is more pronounced in the metasedimentary xenoliths, and may be related to the colder solidi typical of such rocks.

A few zircon included in garnet are older than matrix zircon in the same rock (e.g., DK1 and DK33), indicating that garnet may have effectively shielded the zircon from recrystallization. In general, however, matrix zircon and included zircon do not have different dates, indicating that garnet typically was not an effective shield of zircon. Alternatively, some of the garnet may have grown after the youngest zircon inclusions—i.e., as late as 13 Ma. This last possibility is supported by the presence of major-element zoning in garnet and by the preservation of carbonate with fine-scale zoning in some garnet cores (Fig. 2k in *Hacker et al.* [2005]).

Thus, our interpretation is that the youngest dates in each sample represent the last time zircon either grew *de novo* or underwent *in situ* recrystallization; the most-common time for this was 14–11 Ma. The Jurassic–Cretaceous, 159–107 Ma, dates in a majority of samples are similar to the Cretaceous batholith exposed in the southern Pamir [*Schwab et al.*, 2004; *Stearns et al.*, 2013]; these may be viewed as minimum igneous crystallization ages. Upper intercept dates in the 1691 Ma to 405 Ma range in some samples are best interpreted as minimum ages of inherited grains; these dates are similar to the dates of zircons reported elsewhere in the Pamir [*Schwab et al.*, 2004; *Rutte et al.*, 2017b]. In each sample, all the dates that are younger than the oldest concordant date and older than Miocene are very likely geologically meaningless dates that resulted from fine-scale, heterogeneous recrystallization in the Miocene. The interpretation that one xenolith was derived from Eocene sedimentary rocks [*Ducea et al.*, 2003] is wrong, as is the conclusion that there was punctuated zircon recrystallization [*Kooijman et al.*, 2017].

When in the Miocene did this partial recrystallization occur? The clusters of 14.9 Ma to 13.7 Ma zircon dates in the most-analyzed samples might provide an older boundary because they are not skewed toward younger dates. The 10.9 ± 0.1 Ma to 10.4 ± 0.1 Ma dates for the minette and DK25 zircons must be a younger bound. Thus, the Miocene partial recrystallization was likely ~14 Ma to 11 Ma.

The heterogeneous zircon recrystallization means that the time-dependent relationships exhibited by Lu/Gd, Eu/Eu*, and Ti-in-zircon must be carefully evaluated. Simplest to consider is Ti: volume diffusion of Ti is unlikely to have occurred, and yet the U-Pb dates could have been variably reset to younger dates by Pb mobility (**Fig. 11**). The 800°C Ti-inzircon temperature of all the >14 Ma dates may simply represent igneous crystallization conditions during the Jurassic–Cretaceous or even earlier. The abruptness of the 14 Ma Ti increase (**Fig. 9C,D**) makes Pb resetting of \leq 14 Ma data less probable, and is compatible with the Ti increase actually occurring at 14 Ma. The same logic applies to the marked drop in Lu/Gd ratio at 22–20 Ma and the marked increase in Eu/Eu* at 14–11 Ma.

By combining the T-t record of **Figure 9** with the P-T path of **Figure 2**, we reconstruct the P-T-t path of the Pamir xenoliths in **Figure 13**. From **Figure 9**, we take the Ti-in-zircon concentration to have been 5–10 ppm at \geq 15 Ma, 50–80 ppm at 14 Ma, and 80–90 ppm at 11 Ma. The implication is that the xenoliths were heated ~200°C between 15 Ma and 14 Ma, and then sank ~20 km downward from 14 Ma until eruption at 10 Ma. The two-orders-of-magnitude change from HREE-rich to HREE-depleted zircon that corresponds with 22–20 Ma U-Pb dates may reflect thermally driven garnet growth; this coincides exactly in time with the 21–19 Ma dates for peak-pressure metamorphism in the Shakhdara dome (Fig 13; *Hacker et al.*, in press). The change in Eu anomaly at 14 Ma—if it reflects the breakdown of

plagioclase (gray boundary in **Fig. 13**)—coincides with the 30–40 km increase in depth at 14–11 Ma inferred from P-T and Ti-in-zircon data.

B. Metasomatism/Magmatism

Nearly all the xenoliths show evidence of metasomatism by an ultrapotassic + carbonatitic melt. The uncommonly high mode of alkali feldspar and phlogopite is suggestive of K addition, particularly in the mafic rocks. At least one xenolith contains euhedral garnet and clinopyroxene projecting into K-feldspar—compatible with growth into a potassic melt (Figure 2L in *Hacker et al.* [2005]). Some xenoliths also contain carbonate as a matrix phase (e.g., Figure 2C in *Hacker et al.* [2005]) or as an inclusion in garnet and zircon. Numerous zircons contain additional inclusions of alkali feldspar and high-Ti biotite. These zircon inclusion types are in 14–11 Ma zircon, compatible with alkaline magma injection at that time.

The two minettes, DK28 and DK36, may be direct samples of this melt. We calculated the bulk composition of DK36 from point-counted mineral modes and mineral compositions measured by electron microprobe (**Table 2**); the rock is more potassic than any of the ultrapotassic volcanic rocks in the Dunkeldik suite studied by *Malz* [2011]. In fact, it is so potassic that it may be a partial cumulate. Minettes are calc-alkaline lamprophyres that commonly include porphyritic phlogopite and a sanidine + carbonate groundmass [*Le Maître*, 2002]. They originate from partial melting of peridotite that interacted with crust, and are commonly associated with carbonatite [*Rock, 1980; Rock, 1984; Niu et al., 2017*]. Whether the Asian mantle from which the Pamir minettes were derived inherited its crustal signature from crustal assimilation remains unresolved, but the occurrence of a garnet xenocryst in

DK28 is compatible with the former, as are the biotite breakdown textures in Figure 2A and 2B of *Hacker et al.* [2005] indicating that melting of the Pamir xenoliths was generating potassic melt.

The textures and trace-element abundances of zircon in xenolith DK25 provide strong support for the interpretation of the minettes as eruption-related magmatic rocks. DK25 has a mineral assemblage similar to the igneous xenoliths, and contains zircon with Cretaceous cores overgrown by Miocene rims, just like most of the other xenoliths. Additionally, some zircons in DK25 resemble the peculiar textures and REE-behavior of the minette xenoliths: they exhibit skeletal and convoluted zones, and are enriched in LREEs with a relatively flat HREE slope. Furthermore, the inclusions in DK25 zircon include ternary carbonate, high-Ti biotite, and alkali feldspar (particularly within zircon zones that have minette-style REEs).

C. Tectonic Implications

The xenoliths imply a Cenozoic evolution of the Pamir that matches several tectonic models. Cenozoic contractional deformation of the Pamir crust is inferred to have been driven by viscous coupling with the northward underthrusting Indian slab [*Stübner et al.*, 2013; *Sippl et al.*, 2013b; *Stearns et al.*, 2015; *Kufner et al.*, 2016; *Rutte et al.*, 2017]. Breakoff of that slab at ~25–20 Ma is presumed to have initiated large-scale extension within the Pamir crust. Afterward, when Indian mantle lithosphere resumed northward underthrusting of Asia at ~20 Ma, re-coupling of the slab with the Pamir crust is inferred to have driven additional N-S shortening, causing the rheologically weak Pamir crust to thicken dramatically and induce rollback of the Asian slab [*Schneider et al.*, 2013; *Sippl et al.*, 2013a, 2013b]. Garnet growth in the xenoliths at 22–20 Ma coincides with the time of this contraction. Sometime thereafter, the critically thickened Pamir crust became gravitationally unstable and began to founder. The >200°C heating recorded in the xenoliths at ~14 Ma is likely to have taken place while the foundering was in progress. In terms of the size of foundered material, if we assume that the xenoliths were all derived from a single foundering sphere of crust that was heated solely by conduction, we can estimate the length scale of the sphere from the observation that heating from 800°C to >1000°C required ~1 Myr (15–14 Ma). The approximation x=2*SQRT(Kt), and a thermal diffusivity $\mathbf{K} = 10^{-6}$ m²/s, yields a radius of ~10 km.

If the pre-Cenozoic Pamir crust was only 35–40 km thick, the accommodation of 900 km of Cenozoic convergence not only produced the present 70-km thick crust, but also led to another 40 km of 'excess' crust that was either extruded laterally or recycled into the mantle [*Schmidt et al.*, 2011]. The Pamir xenoliths may be just the tiniest glimpse of vast amounts of crustal recycling in the western India–Asia collision zone.

VIII. Conclusions

Miocene granulite- and eclogite-facies xenoliths from the Pamir of Tajikistan provide a unique and spectacular record of foundering of continental crust to mantle depths of 90 km. Coupled U-Pb dates and trace-element abundances measured by laser-ablation split stream inductively coupled plasma mass spectrometry reveal the evolution of the xenoliths. The xenoliths were derived from mixed sedimentary–igneous crust like that exposed today in gneiss domes nearby. At 22–20 Ma, the xenoliths passed into the garnet stability field with minimal heating. At 14–11 Ma, the xenoliths were heated 200–300°C, buried to depths of 90 km depth—20–40 km below the present Moho—and invaded by ultrapotassic/carbonatitic melt. At 10 Ma the xenoliths were erupted. The 14–10 Ma evolution is interpreted as the

response to foundering of a ~20 km wavelength instability of the Pamir lower crust created by large-scale Cenozoic crustal thickening and northward rollback of the Asian mantle from beneath the Pamir.

References

- Allègre, C. J., and D. L. Turcotte (1986), Implications of a two-component marble-cake mantle, *Nature*, *323*, 123-127.
- Anderson, D. H. (2005), Large Igneous Provinces, Delamination, and Fertile Mantle, *Elements*, 1, 271-275.
- Armstrong, R. A. (1968), A Model fo the evolution of strontium and lead isotopes in a dynamic Earth, *Reviews of Geophysics*, *6*, 175-199.
- Arndt, N. T., and S. L. Goldstein (1989), An open boundary between lower continental crust and mantle; its role in crust formation and crustal recycling, *Tectonophysics*, *161*(3-4), 201-212.
- Behn, M. D., and P. B. Kelemen (2006), The stability of arc lower crust: Insights from the Talkeetna arc section, south-central Alaska and the seismic structure of modern arcs, *Journal of Geophysical Research*, 111, B11207, doi:11210.11029/12006JB004327.
- Burtman, V. S., and P. Molnar (1993), Geological and geophysical evidence for deep subduction of continental crust beneath the Pamir, *Geological Society of America Special Paper*, 281, 1-76.
- Chan, G. H.-N., D. J. Waters, M. P. Searle, J. C. Aitchison, M. S. A. Horstwood, Q. Crowley, C.-H. Lo, and J. S.-L. Chan (2009), Probing the basement of southern Tibet: evidence from crustal xenoliths entrained in a Miocene ultrapotassic dyke, *Journal of the Geological Society, London*, 166, 45-52. doi: 10.1144/0016-76492007-76492145.

Cherniak, D. J. (2000), Pb diffusion in zircon, Chemical Geology, 172, 5-24.

- Cherniak, D. J., and E. B. Watson (2007), Ti diffusion in zircon, Chemical Geology, 242, 470-483.
- Cherniak, D. J., J. M. Hanchar, and E. B. Watson (1997), Rare-earth diffusion in zircon, *Chemical Geology*, 134, 289-301.
- Chin, E. J., C. T. A. Lee, D. L. Tollstrup, L. Xie, J. B. Wimpenny, and Q. Z. Yin (2013), On the origin of hot metasedimentary quartzites in the lower crust of continental arcs, *Earth and Planetary Science Letters*, 361, 120-133.
- Clift, P., and P. Vannucchi (2004), Controls on tectonic accretion versus erosion in subduction zones: Implications for the origin and recycling of the continental crust, *Reviews of Geophysics*, 42, doi:10.1029/2003RG000127.
- Coltice, N., F. Albarede, and P. Gillet (2000), 40K-40Ar constraints on recycling continental crust into the mantle, *Science*, 288, 845-847.
- Corfu, F., Hanchar, J. M., Hoskin, P. W., & Kinny, P. (2003), Atlas of zircon textures, *Reviews in mineralogy and geochemistry*, 53(1), 469-500.
- DeCelles, P. G., Kapp, P., Quade, J., & Gehrels, G. E. (2011), Oligocene–Miocene Kailas basin, southwestern Tibet: Record of postcollisional upper-plate extension in the Indus-Yarlung suture zone, *Geological Society of America Bulletin*, 123(7-8), 1337-1362.

- Ducea, M. N., and J. B. Saleeby (1996), Buoyancy sources for a large unrooted mountain range, the Sierra Nevada, California: Evidence from xenolith thermobarometry, *Journal of Geophysical Research*, 101, 8229-8241.
- Ducea, M. N., A. C. Seclaman, K. E. Murray, D. Jianu, and L. M. Schoenbohm (2013), Mantle-drip magmatism beneath the Altiplano-Puna plateau, central Andes, *Geology*, 41, 915-918.
- Ducea, M. N., V. Lutkov, V. T. Minaev, B. Hacker, L. Ratschbacher, P. Luffi, M. Schwab, G. E. Gehrels, M. McWilliams, J. Vervoort, and J. Metcalf (2003), Building the Pamirs: the view from the underside, *Geology*, 31, 849–852.
- Ernst, W. G. (2001), Subduction, ultrahigh-pressure metamorphism, and regurgitation of buoyant crustal slices implications for arcs and continental growth, *Physics of the Earth and Planetary Interiors*, *127*, 253-275.
- Gerya, T. V., and F. I. Meilick (2011), Geodynamic regimes of subduction under an active margin: effects of rheological weakening by fluids and melts, *Journal of Metamorphic Geology*, 29, 7-31.
- Ghent, E. D., and M. Z. Stout (1984), TiO2 activity in metamorphosed pelitic and basic rocks: principles and applications to metamorphism in southeastern Canadian Cordillera, *Contributions* to Mineralogy and Petrology, 86, 248–255.
- Gordon, S. M., P. I. Luffi, B. R. Hacker, J. W. Valley, M. Spicuzza, R. Kozdon, P. Kelemen, L. Ratschbacher, and V. Minaev (2012), The thermal structure of continental crust in active orogens: Insight from Miocene eclogite- and granulite-facies xenoliths of the Pamir, *Journal of Metamorphic Geology*, 20, 413–434.
- Hacker, B. R., P. B. Kelemen, and M. D. Behn (2011), Differentiation of the continental crust by relamination, *Earth and Planetary Science Letters*, 307, 501-516.
- Hacker, B. R., Ritzwoller, M. H., & Xie, J. (2014), Partially melted, mica-bearing crust in Central Tibet, *Tectonics*, *33*(7), 1408-1424.
- Hacker, B. R., P. Kelemen, and M. D. Behn (2015), Continental Lower Crust, *Annual Review of Earth and Planetary Sciences*.
- Hacker, B. R., L. Ratschbacher, D. Rutte, M. A. Stearns, N. Malz, K. Stübner, A. R. C. Kylander-Clark, J. Pfänder, and A. Everson (in review), Building the Pamir-Tibet Plateau-Crustal stacking, extensional collapse, and lateral extrusion in the Central Pamir: 3. Thermobarometry and Petrochronology of Deep Asian Crust, *Tectonics*.
- Hacker, B. R., P. Luffi, V. Lutkov, V. Minaev, L. Ratschbacher, T. Plank, M. Ducea, A. Patiño-Douce, M. McWilliams, and J. Metcalf (2005), Near-ultrahigh pressure processing of continental crust: Miocene crustal xenoliths from the Pamir, *Journal of Petrology*, 46, 1661-1687.
- Herzberg, C. T., W. S. Fyfe, and M. J. Carr (1983), Density constraints on the formation of the continental Moho and crust, *Contributions to Mineralogy and Petrology*, 84(1), 1-5.
- Hilde, T. W. C. (1983), Sediment subduction versus accretion around the Pacific, *Tectonophysics*, 99, 381-397.

- Hodges, K. V. (2000), Tectonics of the Himalaya and southern Tibet from two perspectives, Geological Society of America Bulletin, 112, 324-350.
- Jackson, S. E., Pearson, N. J., Griffin, W. L., & Belousova, E. A. (2004), The application of laser ablation-inductively coupled plasma-mass spectrometry to in situ U–Pb zircon geochronology, *Chemical Geology*, 211(1), 47-69.
- Jull, M., and P. B. Kelemen (2001), On the conditions for lower crustal convective instability, Journal of Geophysical Research, 106, 6423–6445.
- Kapp, P., C. E. Manning, and P. Tropper (2009), Phase-equilibrium constraints on titanite and rutile activities in mafic epidote amphibolites and geobarometry using titanite-rutile equilibria, *Journal* of Metamorphic Geology, 27(7), 509-521.
- Kay, R. W., and S. M. Kay (1991), Creation and destruction of lower continental crust, *Geologische Rundschau*, 80, 259-278.
- Kelemen, P., and M. D. Behn (2016), Formation of lower continental crust by relamination of buoyant arc lavas and plutons, *Nature Geoscience*, DOI: 10.1038/NGEO2662.
- Kelemen, P. B., K. Hanghøj, and A. Greene (2003), One view of the geochemistry of subduction-related magmatic arcs, with an emphasis on primitive andesite and lower crust, in *The Crust, Vol. 3, Treatise on Geochemistry, (H.D. Holland and K.K. Turekian, eds.)*, edited by R. L. Rudnick, pp. 593-659, Elsevier-Pergamon, Oxford.
- Kelly, N. M., and S. L. Harley (2005), An integrated microtextural and chemical approach to zircon geochronology: refining the Archaean history of the Napier Complex, east Antarctica, *Contributions to Mineral and Petrology*, 149, 57-84.
- Kramers, J., R. Frei, M. Newville, B. Kober, and I. Villa (2009), On the valency state of radiogenic lead in zircon and its consequences, Chemical Geology, 261, 4-11.
- Kretz, R. (1983), Symbols for rock-forming minerals, American Mineralogist, 68, 277–279.
- Kukkonen, I. T., M. Kuusisto, M. Lehtonen, and P. Peltonen (2008), Delamination of eclogitized lower crust: Control on the crust-mantle boundary in the central Fennoscandian shield, *Tectonophysics*, 457, 111-127.
- Kufner, S. K., Schurr, B., Sippl, C., Yuan, X., Ratschbacher, L., Ischuk, A., et al. (2016), Deep India meets deep Asia: Lithospheric indentation, delamination and break-off under Pamir and Hindu Kush (Central Asia), *Earth and Planetary Science Letters*, 435, 171-184.
- Kylander-Clark, A. R., Hacker, B. R., & Cottle, J. M. (2013), Laser-ablation split-stream ICP petrochronology, *Chemical Geology*, 345, 99-112.
- Le Maitre, R. W., Streckeisen, A., Zanettin, B., Le Bas, M. J., Bonin, B., Bateman, P., et al. (2002), Igneous rocks: A classification and glossary of terms; Recommendations of the International Union of Geological Sciences, In *Subcommission on the Systematics of Igneous rocks*. Cambridge University Press.

Lee, C. T. A. (2014), Physics and chemistry of continental crust recycling, Treatise on Geochemistry.

- Lutkov, V. S. (2003), Petrochemical evolution and genesis of potassium pyroxenite-eclogite-granulite association in the mantle and crustal xenoliths from Neogene fergusites of South Pamir, Tajikistan, *Geochimia*, *3*, 254-265.
- Malz, N. (2011), Trace-element and isotopic composition of magmatic rocks from the Pamirspetrogenetic and geodynamic implications, 73 pp, Freiberg Universität, Freiberg.
- Mariano, A. N. (1989), Cathodoluminescence emission spectra of rare earth element activators in minerals, *Reviews in Mineralogy*, 21, 339-348.
- Mechie, J., X. Yuan, B. Schurr, F. Schneider, C. Sippl, L. Ratschbacher, V. Minaev, M. Gadoev, I. Oimahmadov, U. Abdybachaev, B. Moldobekov, S. Orunbaev, and S. Negmatullaev (2012), Crustal and uppermost mantle velocity structure along a profile across the Pamir and southern Tien Shan as derived from project TIPAGE wide-angle seismic data, *Geophysical Journal International*, 188, 385-407.
- Molnar, P., and D. Gray (1979), Subduction of continental lithosphere: some constraints and uncertainties, *Geology*, 7, 58-62.
- Molnar, P., P. England, and J. Martinod (1993), Mantle dynamics, uplift of the Tibetan Plateau and the Indian Monsoon, *Reviews of Geophysics*, *31*, 357-396.
- Negredo, A. M., Replumaz, A., Villaseñor, A., & Guillot, S. (2007), Modeling the evolution of continental subduction processes in the Pamir–Hindu Kush region, *Earth and Planetary Science Letters*, 259(1), 212-225.
- Niu, X., Chen, B., Feng, G., Liu, F., & Yang, J. (2017), Origin of lamprophyres from the northern margin of the North China Craton: implications for mantle metasomatism, *Journal of the Geological Society*, 174(2), 353-364.
- Paton, C., Hellstrom, J., Paul, B., Woodhead, J., & Hergt, J. (2011), Iolite: Freeware for the visualisation and processing of mass spectrometric data, *Journal of Analytical Atomic Spectrometry*, 26(12), 2508-2518.
- Renne, P. R., Mundil, R., Balco, G., Min, K., & Ludwig, K. R. (2010), Joint determination of 40 K decay constants and 40 Ar*/40 K for the Fish Canyon sanidine standard, and improved accuracy for 40 Ar/39 Ar geochronology, *Geochimica et Cosmochimica Acta*, 74(18), 5349-5367.
- Replumaz, A., Negredo, A. M., Guillot, S., & Villaseñor, A. (2010), Multiple episodes of continental subduction during India/Asia convergence: Insight from seismic tomography and tectonic reconstruction, *Tectonophysics*, 483(1), 125-134.
- Ringwood, A. E., and D. H. Green (1966), An experimental investigation of the gabbro-eclogite transformation and some geophysical implications, *Tectonophysics*, *3*, 383–427.

- Robinson, A. C., A. Yin, C. E. Manning, T. M. Harrison, S. Zhang, and X. Wang (2004), Tectonic evolution of the northeastern Pamir; constraints from the northern portion of the Cenozoic Kongur Shan extensional system, western China, *Geological Society of America Bulletin*, 116, 953-973.
- Robinson, A. C., A. Yin, C. E. Manning, T. M. Harrison, S.-H. Zhang, and X.-F. Wang (2007), Cenozoic evolution of the eastern Pamir: Implications for strain-accommodation mechanisms at the western end of the Himalayan-Tibetan orogen, *Geological Society of America Bulletin*, 119, 882-896.
- Rock, N. M. (1980), "Rare-earth and other trace element contents and the origin of minettes." A critical comment on a paper by Bachinski and Scott (1979), *Geochimica et Cosmochimica Acta*, 44(9), 1385-1388.
- Rock, N. M. S. (1984), Nature and origin of calc-alkaline lamprophyres: minettes, vogesites, kersantites and spessartites, *Transactions of the Royal Society of Edinburgh: Earth Sciences*, 74(04), 193-227.
- Rubatto, D. (2002), Zircon trace element geochemistry: partitioning with garnet and the link between U-Pb ages and metamorphism, *Chemical Geology*, *184*, 123-138.
- Rutte, D., Lothar, R., Schneider, S., Stübner, K., Stearns, M. A., Gulzar, M. A., & Hacker, B. R. (2017), Building the Pamir-Tibet Plateau—Crustal Stacking, Extensional Collapse, and Lateral Extrusion in the Central Pamir: 1. Geometry and Kinematics, *Tectonics*.
- Rutte, D., Ratschbacher, L., Khan, J., Stübner, K., Hacker, B. R., Stearns, M. A., et al. (2017), Building the Pamir-Tibet Plateau—Crustal stacking, Extensional Collapse, and Lateral Extrusion in the Central Pamir: 2. Timing and Rates, *Tectonics*.
- Schmidt, J., B. R. Hacker, L. Ratschbacher, K. Stübner, M. A. Stearns, A. Kylander-Clark, J. M. Cottle, A. A. G. Webb, G. Gehrels, and V. Minaev (2011), Cenozoic deep crust in the Pamir, *Earth and Planetary Science Letters*, 312, 411-421.
- Schneider, F. M., X. Yuan, B. Schurr, J. Mechie, C. Sippl, C. Haberland, V. Minaev, I. Oimahmadov, M. Gadoev, N. Radjabov, U. Abdybachaev, S. Orunbaev, and S. Negmatullaev (2013), Seismic imaging of subducting continental lower crust beneath the Pamir, *Earth and Planetary Science Letters*, doi: 10.1016/j.epsl/2013.05.015.
- Scholl, D. W., and R. von Huene (2007), Crustal recycling at modern subduction zones applied to the past--Issues of growth and preservation of continental basement, mantle geochemistry, and supercontinent reconstruction, in *Geological Society of America, Memoir* edited by J. Robert D. Hatcher, M. P. Carlson, J. H. McBride and J. R. M. Catalán:, pp. 9-32, Geological Society of America, Boulder.
- Schwab, M., Ratschbacher, L., Siebel, W., McWilliams, M., Minaev, V., Lutkov, V., et al. (2004), Assembly of the Pamirs: Age and origin of magmatic belts from the southern Tien Shan to the southern Pamirs and their relation to Tibet, *Tectonics*, 23(4).
- Simon, L., and C. Lécuyer (2005), Continental recycling: The oxygen isotope point of view, *G-cubed*, 6, doi:10.1029/2005GC000958.

- Sippl, C., B. Schurr, X. Yuan, J. Mechie, F. M. Schneider, M. Gadoev, S. Orunbaev, I. Oimahmadov, C. Haberland, U. Abdybachaev, V. Minaev, S. Negmatullaev, and N. Radjabov (2013), Geometry of the Pamir-Hindu Kush intermediate-depth earthquake zone from local seismic data, *Journal of Geophysical Research*, 118, 1-20.
- Stearns, M. A., B. R. Hacker, L. Ratschbacher, J. Lee, J. M. Cottle, and A. Kylander-Clark (2013), Synchronous Oligocene–Miocene metamorphism of the deep Pamir and Himalaya driven by platescale dynamics, *Geology*, 41, 1071-1074.
- Stearns, M. A., Hacker, B. R., Ratschbacher, L., Rutte, D., & Kylander-Clark, A. R. C. (2015), Titanite petrochronology of the Pamir gneiss domes: Implications for middle to deep crust exhumation and titanite closure to Pb and Zr diffusion, *Tectonics*, 34(4), 784-802.
- Stern, R. J. (2010), Yin and yang of continental crust creation and destruction by plate tectonic processes, *International Geology Review*, 52, 1-31.
- Stübner, K., L. Ratschbacher, D. Rutte, K. Stanek, V. Minaev, M. Wiesinger, R. Gloaguen, and project TIPAGE members (2013a), The giant Shakhdara migmatitic gneiss dome, Pamir, India– Asia collision zone, 1: Geometry and kinematics, *Tectonics*, 32, 948-979.
- Stübner, K., L. Ratschbacher, C. Weise, J. Chow, J. Hofmann, J. Khan, D. Rutte, B. Sperner, J. Pfänder, B. R. Hacker, I. Dunkl, M. Tichomirowa, M. A. Stearns, and project TIPAGE members (2013b), The giant Shakhdara migmatitic gneiss dome, Pamir, India–Asia collision zone, 2: Timing of dome formation, *Tectonics*, 32, 1404-1431.
- Tamura, Y., O. Ishizuka, K. Aoike, S. Kawate, H. Kawabata, Q. Chang, S. Saito, Y. Tatsumi, M. Arima, M. Takahashi, T. Kanamaru, S. Kodaira, and R. S. Fiske (2010), Missing Oligocene Crust of the Izu-Bonin Arc: Consumed or Rejuvenated During Collision?, *Journal of Petrology*, 51, 823-846.
- Timms, N. E., Kinny, P. D., Reddy, S. M., Evans, K., Clark, C., & Healy, D. (2011), Relationship among titanium, rare earth elements, U–Pb ages and deformation microstructures in zircon: Implications for Ti-in-zircon thermometry, *Chemical Geology*, 280(1), 33-46.
- Taylor, R. J. M., Harley, S. L., Hinton, R. W., Elphick, S., Clark, C., & Kelly, N. M. (2015), Experimental determination of REE partition coefficients between zircon, garnet and melt: a key to understanding high-T crustal processes, *Journal of Metamorphic Geology*, 33(3), 231-248.
- Wang, Y., Foley, S. F., & Prelević, D., (2017), Potassium-rich magmatism from a phlogopite-free source, *Geology*, 45(5), 467-470.
- Wiedenbeck, M. A. P. C., Alle, P., Corfu, F., Griffin, W. L., Meier, M., Oberli, F. V., et al. (1995), Three natural zircon standards for U-Th-Pb, Lu-Hf, trace element and REE analyses, *Geostandards and Geoanalytical Research*, 19(1), 1-23.
- Yin, A., and T. M. Harrison (2000), Geologic evolution of the Himalayan–Tibetan orogen, Annual Review of Earth and Planetary Sciences, 28, 211–280.
- Zandt, G., and C. R. Carrigan (1993), Small-scale convective instability and upper mantle viscosity under California, *Science*, 261, 460-463.

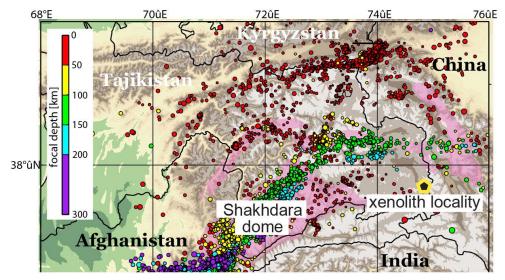


Figure 1. The Pamir are the western extent of the Tibetan Plateau. They are underlain in the North by a S-dipping Asian slab that is seismic (epicenters from *Sippl et al.* [2013] shown by the colored dots), and in the south by a flat-slab segment of the Indian plate. Gneiss domes (pink) expose high-grade Cenozoic rocks throughout much of the Pamir. The xenoliths (star symbol) in the SE Pamir were erupted from mantle depths.

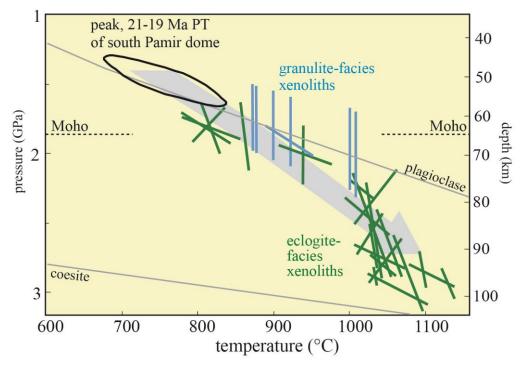
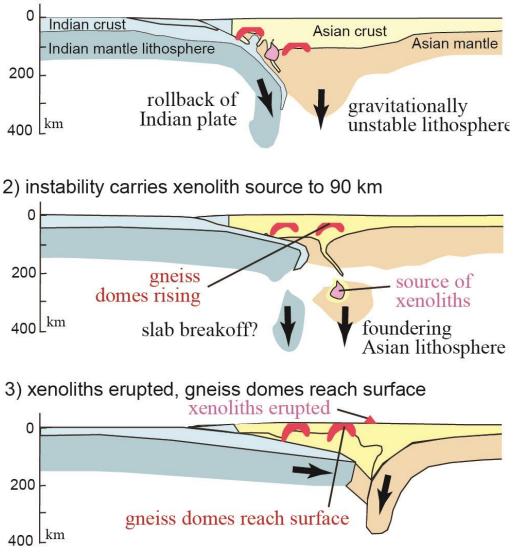


Figure 2. Calculated pressures and temperatures for the eclogite-facies xenoliths (green lines) and high-pressure granulites (blue lines); each line represents the position of a single reaction. Gray arrow: probable PT path. Modified from *Gordon et al.* [2012].



1) overthickened Pamir lithosphere begins to founder

Figure 3. Hypothetical evolution of Pamir orogen.

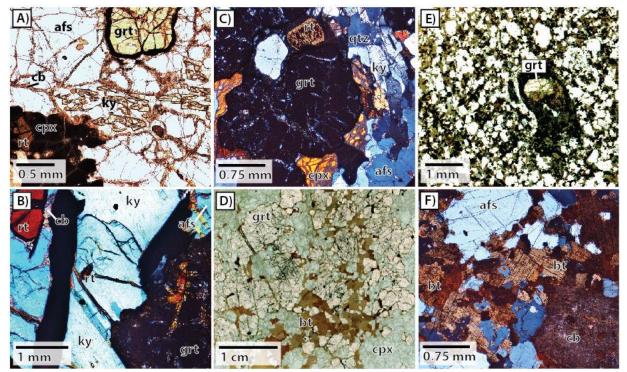


Figure 4. Representative photomicrographs from the Pamir xenoliths. A) K-rich meta-igneous xenolith DK10, with injected carbonate veins among relict kyanite, garnet, alkali feldspar, and clinopyroxene. B) Meta-pelite DK20_2 with very coarse kyanite, garnet, and alkali feldspar, interstitial rutile, and fine-grained carbonate percolating along grain boundaries. C) Meta-igneous xenolith DK3 shows rutile enclosed in garnet, with clinopyroxene and kyanite. D) Mafic xenolith 33* exhibiting crystallization of phlogopite along clinopyroxene and garnet grain boundaries after melt injection. E) DK28 with phenocrystic alkali feldspar and phlogopite, and a garnet xenocryst with a corona of clinopyroxene and "trail of biotite. F) Minette DK36 with globular alkali feldspar, castellated phlogopite, and carbonate groundmass [*Kretz, 1983*]. See also Figure 2 in *Hacker et al.* [2005].

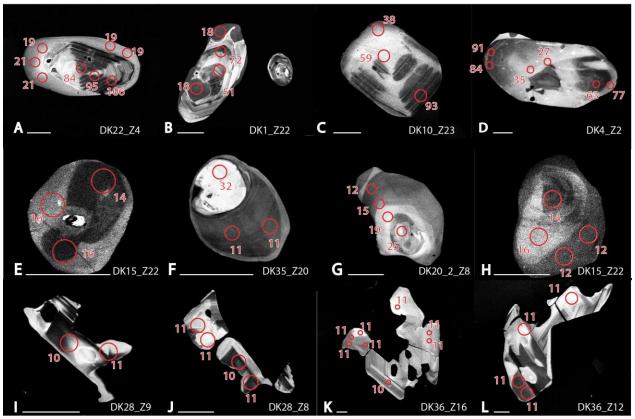


Figure 5. Textures of xenolith zircon. Red circles are 15-um LASS spots and U-Pb dates (Ma). A-D) Igneous protolith xenoliths have subhedral – anhedral grains with oscillatory zoning; metamict domains; recrystallized, complexly shaped domains with CL-flat or ghost zoning; and thin, CL-flat rims. C & D exhibit a transition of magmatic textures to bright CL "ghost-zoning," associated with Paleogene U-Pb dates. E-H) Meta-pelite xenolith zircons are typically anhedral, with poorly preserved to non-existent cores surrounded by wide, CL-flat rims. I-L) Minette zircons are irregular and skeletal, with multiple oscillatorily zoned domains and convoluted recrystallized domains. Scale bars are 50 microns.

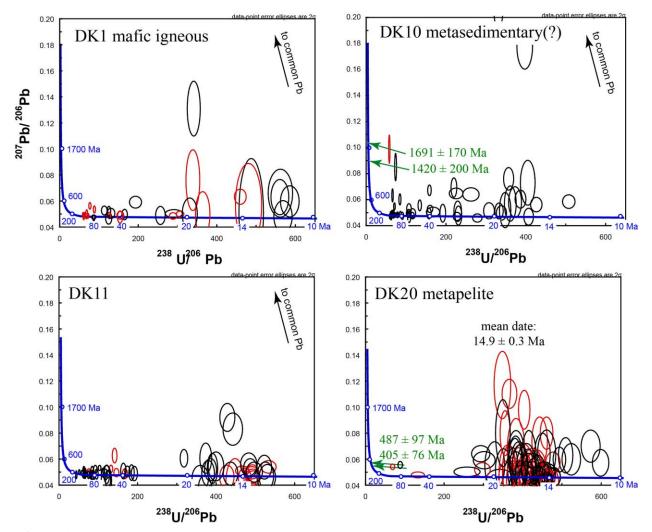


Figure 6. Tera-Wasserburg diagrams for xenolith zircon U-Pb data. Two samples with relatively few data are not included. Zircon that occur as inclusions in other minerals (mostly garnet) are red; matrix grains are black. Zircons that may be inherited are indicated with green text. Ages in Concordia shown in blue.

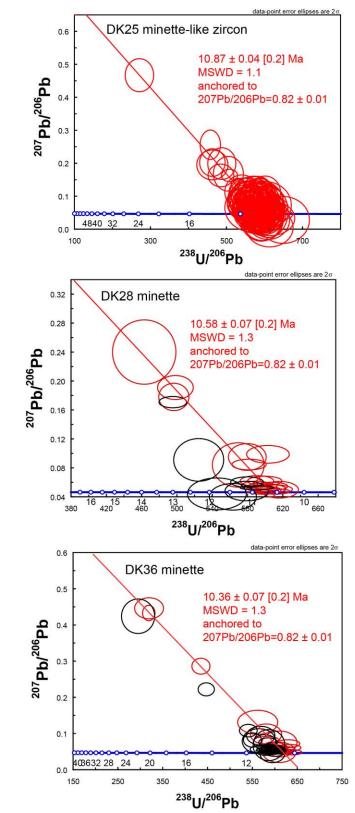


Figure 7. Tera-Wasserburg diagram for minette zircon U-Pb data.

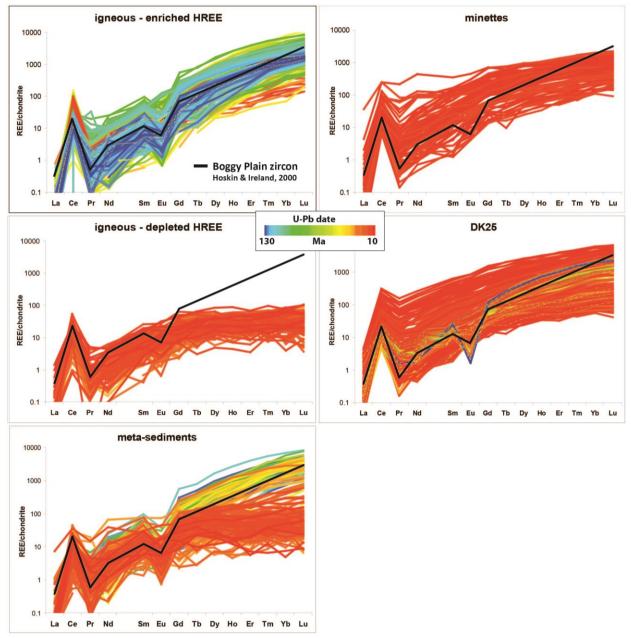


Figure 8. Chondrite-normalized REE for each xenolith type, plus sample DK25. Boggy Plain plutonic zircon average REEs included for reference to typical zircon REE behavior [*Hoskin & Ireland*, 2000]. Cooler colors represent older zircon ages; warmer colors represent younger ages. Crustal xenoliths (left) show depletion in HREEs among the younger zircon zones, as well as changes in Eu/Eu*. Typical Eu/Eu* for older analyses are similar to Boggy Plain zircon. Minette REEs (upper right) show enriched LREEs and less variable REE abundances, and little to no Eu anomaly. DK25 (above) shows older zircon with REEs similar to crustal xenoliths, and younger zircon with REEs similar to minettes.

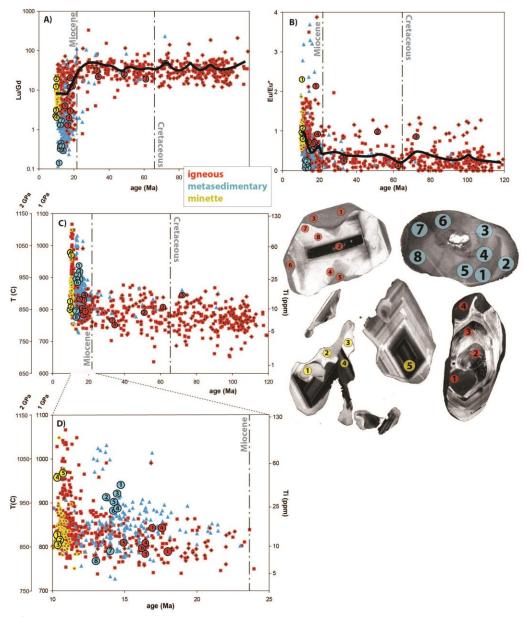


Figure 9. Lu/Gd, Eu/Eu*, Ti concentration, and inferred temperature in zircon. The CL images show locations of 15-um LASS spots, and highlight the differences between zircon core and rim compositions. Numbered spots correspond to those represented on the figures; the four colors represent the four different types of xenolith. A) Lu/Gd ratio; all types of xenolith show significant depletion in HREE at ~20 Ma. B) Eu/Eu* changes from strongly negative Eu anomalies to neutral/positive anomalies near 20 Ma. C&D) Ti-in-zircon temperatures are ~800-850C until ~14 Ma, when they increase to >950-1000C. Heavy black lines in A & B are running averages.

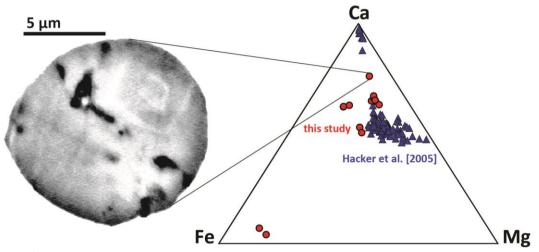


Figure 10. (left) Micron-scale zoning in a ternary carbonate inclusion visible with BSE; energydispersive spectrometry showed that the zoning in correlated with changes in Mg/Ca. (right) Ca-Mg-Fe ternary diagram showing compositions of the carbonate inclusions in both this study and *Hacker et al.* [2005].

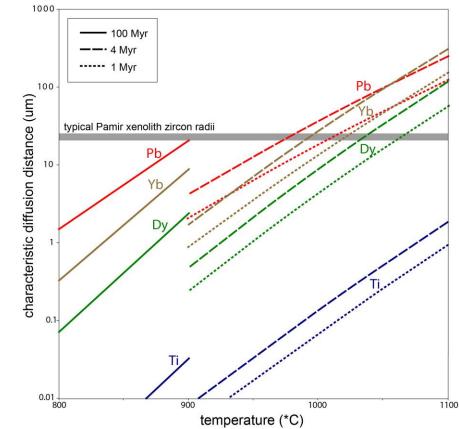


Figure 11. Laboratory diffusion distances of Ti, Dy, Yb, and Pb in zircon over 1-4 Myr [*Cherniak*, 1997; *Cherniak*, 2000].

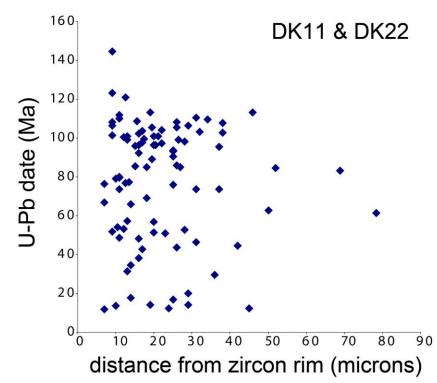


Figure 12. Relationships between zircon age and distance of LASS analysis from zircon rim. No distinct correlation is visible.

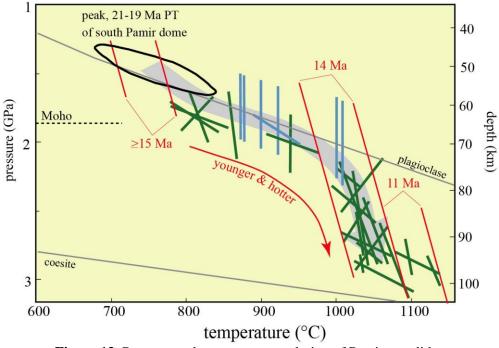


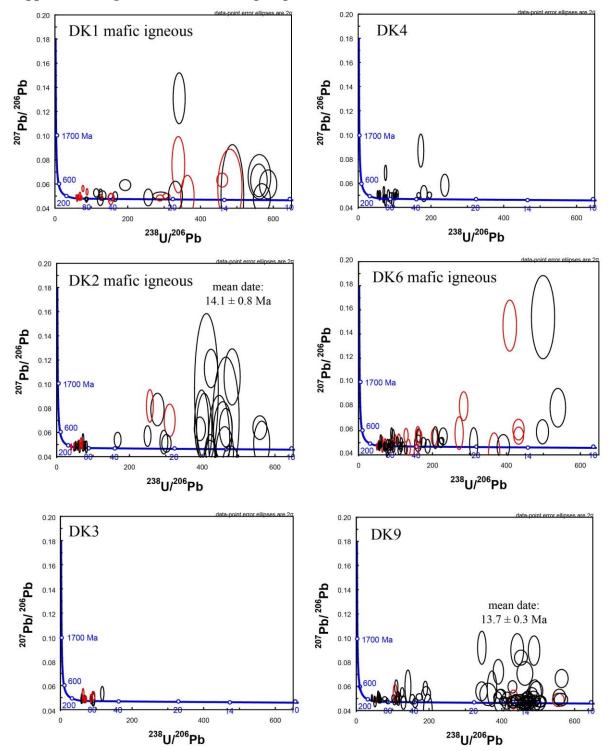
Figure 13. Pressure and temperature evolution of Pamir xenoliths.

sample	Protolith	oldest concordant zircon	youngest zircon	summary of dates
DK1	mafic, igneous	107–82 Ma inclusions in garnet	$11.8 \pm 0.9 \text{ Ma}$	distribution of dates from 107 to 11 Ma
DK2	mafic, igneous	159 ± 6 Ma	14.2 ± 0.5 Ma	bimodal Cretaceous and Miocene
DK3	igneous(?). Minor kyanite	108 ± 2 Ma; n=3	55 ± 2 Ma	entirely Cretaceous
DK4	igneous(?). Minor kyanite	100 ± 2 Ma, H=5 119 ± 4 Ma	27 ± 1 Ma	mostly Cretaceous
DK6	mafic, igneous	128 ± 4 Ma	11.2 ± 0.5 Ma	distribution of dates from 128 to 11 Ma
DK9	igneous(?). Minor kyanite	148 ± 5 Ma	11.1 ± 0.4 Ma	bimodal Cretaceous and Miocene
DK10	metasedimentary(?). Inherited zircons of different age.	107 ± 3 Ma	11.9 ± 0.8 Ma	distribution of dates from 107 to 12 Ma. Two older spots, projected from 10 Ma, have 1691 and 1420 Ma upper intercept dates
DK11	igneous(?). Minor kyanite	145 ± 5 Ma	12.0 ± 0.4 Ma	bimodal Cretaceous and Miocene
DK14	igneous(?). Minor kyanite and inherited zircon.	85 ± 2 Ma	12.1 ± 0.7 Ma	few data. Oldest spot, projected from 10 Ma has 679 Ma upper intercept date
DK15	metapelite	25 ± 3 Ma	11.1 ± 0.4 Ma	almost entirely Miocene. Oldest spot, projected from 10 Ma, has 731 Ma upper intercept date
DK18	igneous. Intermediate composition.	136 ± 7 Ma	15.8 ± 0.7 Ma	bimodal Cretaceous and Miocene
DK19	igneous(?)	58 ± 3 Ma	10.2 ± 0.8 Ma	few data
DK20	metapelite	92 ± 6 Ma	$10.6\pm0.4~Ma$	almost entirely Miocene. Oldest spots, projected from 10 Ma, have 487 and 405 Ma upper intercept dates
DK22	igneous(?). Minor kyanite	121 ± 4 Ma	12.0 ± 0.8 Ma	bimodal Cretaceous and Miocene
DK25	minette-like	70 ± 4 Ma	9.8 ± 0.8 Ma	distribution of dates from 465 to 10 Ma
DK28	Minette	11.8 ± 0.7 Ma	10.0 ± 0.4 Ma	youngest single population: 10.6 ± 0.1 Ma
DK31	mafic, igneous			few data
DK33	metapelite	15 ± 1 Ma	12.3 ± 0.4 Ma	mostly Miocene. Oldest spots, projected from 10 Ma, have 1400 and 1226 Ma upper intercept dates
DK35	metasedimentary(?)	18 ± 1	10.6 ± 0.6 Ma	mostly Miocene. Oldest spot, projected from 10 Ma, has 496 Ma upper intercept date
DK36	minette	11.2 ± 0.4 Ma	9.9 ± 0.4 Ma	youngest single population: 10.4 ± 0.1 Ma
DK60	igneous(?). Minor kyanite	119 ± 4 Ma	13.6 ± 0.6 Ma	mostly Cretaceous

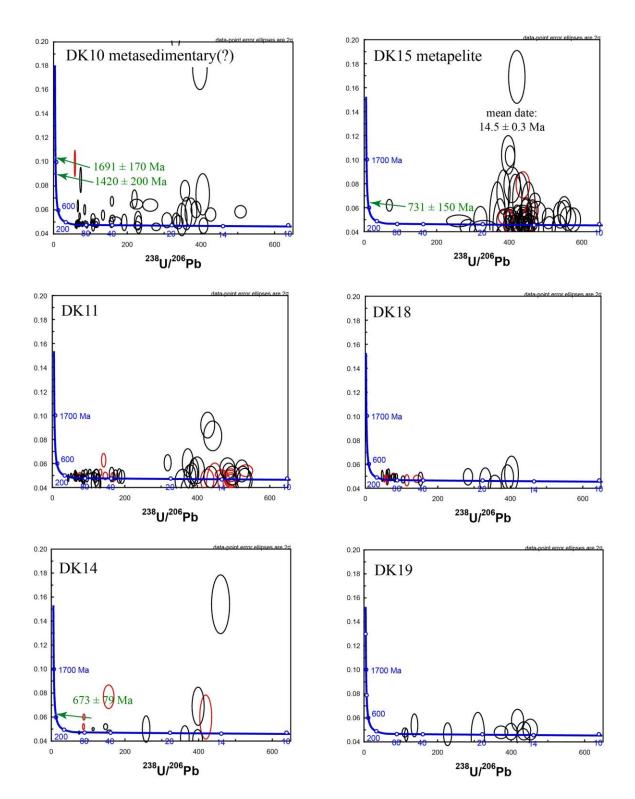
	Table 1.	Summary	of U-Pb	data.
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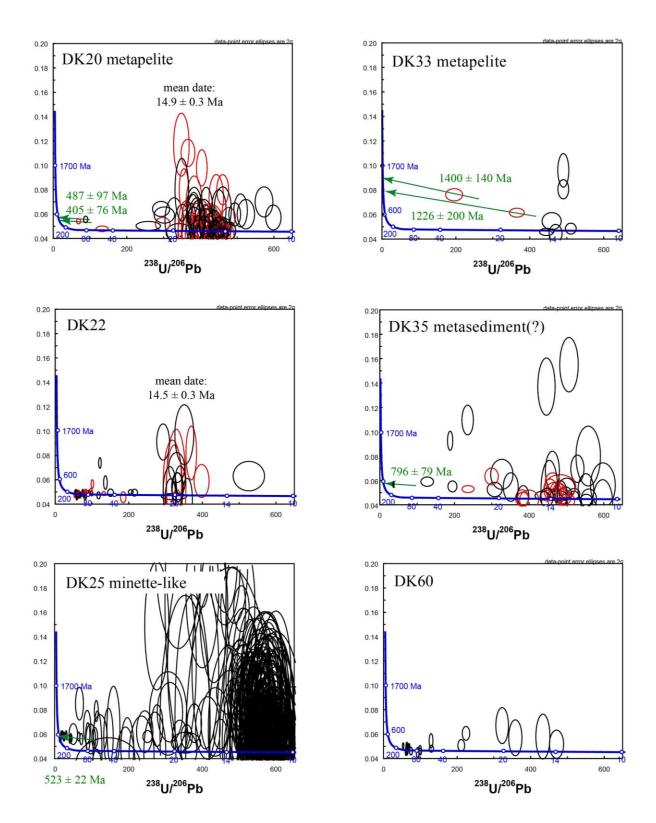
Table 2. DK36 minette bulk-rock composition, compared to Dunkeldik ultrapotassic volcanic rocks [*Malz, 2011*], and minette global average [*Rock, 1991*].

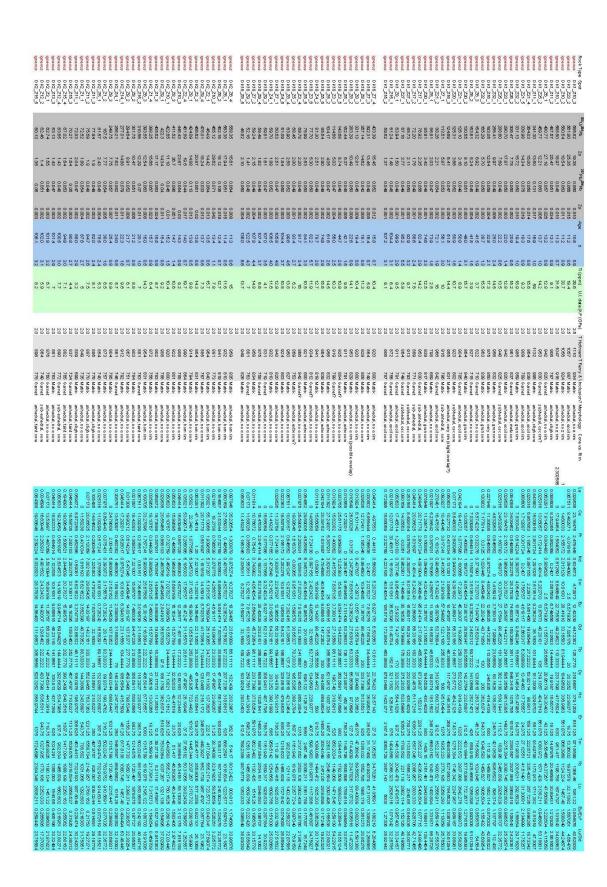
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DK36	48.2	17.0	1.8	4.6	0.0	4.6	4.3	1.1	11.0	1.4	4.4	1.4	94.1
Dunkeldik volcanics avg.	45.9	11.7	0.98	6.5	0.13	4.3	10.7	0.73	7.7	1.4			90.0
Minette global avg.	51.5	12.8	1.3	7.3	0.12	7.1	6.7	2.0	5.6	0.9 5	2.0	2.1	99.4



Supplemental Figure 1. Tera-Wasserberg diagrams for xenolith zircon U-Pb data.







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0.02/1097 1402836 0.767414 0.984883 8.785784 4.618117	SIGDIT COMPAC 2:1692.0 1:466.0 SIGDIT COMPAC 2:1692.0 1:467.0 SIGDIT COMPAC 2:2694.0 2:07.0 SIGDIT COMPAC 2:2694.0 1:567.0 SIGDIT COMPAC 2:2694.0 1:567.0 SIGDIT COMPAC 2:07.0 1:567.0 SIGDIT COMPAC 2:07.0 1:567.0 3:04.0 SIGDIT COMPAC 2:07.0 1:577.0 3:04.0 3:04.0 SIGDIT 1:000.0 1:27.0 1:07.0 3:04.	0.44694 0.4682 0.00231 11.4646 560327 10.5087 0.1595 0.37258 0.02578 0.07258 0.07606 12.2595 44.69469 19.0025 0.07252 0.11625 0.02578 0.07252 0.11625 0.02578 14.69469 0.25978 0.25070 12.5557 0.12657 0.12656 0.0 0.44690 0.00347 0.146460 0.25078 0.07017 0.01695 0.25578 0.0056 1.4530 0.07017 0.01695 0.25578 0.0056 1.4530 0.07018 0.04661 4.47576 0.00165 1.4530 0.07018 0.04661 4.45576 0.00165 1.4530 0.07018 0.04661 4.45576 0.0016 0.0016 1.4530 0.07018 0.04661 4.45576 0.0016 0.0016 1.4530 0.07018 0.04661 4.45576 0.0016 0.0016 1.4530 0.07018 0.04661 4.45566 0.0016 0.0016 0.0016 1.4530 0.07018 0.04661 4.45566 0.001	124 124 12.00001 647.307 646444 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0.021007 1402305 0.797414 0.584853 8.785784 4.616117 17.58784	SIGD21 CLAMPIC 2 (1981) 1 (1466) 3 (1572) SIGD17 CLAMPIC 2 (1982) 1 (1462) 5 (172) SIGD17 CLAMPIC 2 (1982) 1 (1472) 5 (172) SIGD17 CLAMPIC 2 (1982) 1 (1472) 5 (172) SIGD16 CLAMPIC 2 (1982) 1 (1472) 5 (172) SIGD16 CLAMPIC 3 (1984) 3 (1474) 3 (148) SIGD16 CLAMPIC 3 (1984) 3 (1474) 3 (148) SIGD28 CLAMPIC 3 (1984) 3 (1474) 3 (148) SIGD16 CLAMPIC 3 (1984) 3 (1474) 3 (148) SIGD28 CLAMPIC 3 (1984) 3 (148) 3 (148) <	0.44694 0.4682 0.00231 11.4646 560327 10.5087 0.1595 0.37258 0.02578 0.07258 0.07606 12.2595 44.69469 19.0025 0.07252 0.11625 0.02578 0.07252 0.11625 0.02578 14.69469 0.25978 0.25070 12.5557 0.12657 0.12656 0.0 0.44690 0.00347 0.146460 0.25078 0.07017 0.01695 0.25578 0.0056 1.4530 0.07017 0.01695 0.25578 0.0056 1.4530 0.07018 0.04661 4.47576 0.00165 1.4530 0.07018 0.04661 4.45576 0.00165 1.4530 0.07018 0.04661 4.45576 0.0016 0.0016 1.4530 0.07018 0.04661 4.45576 0.0016 0.0016 1.4530 0.07018 0.04661 4.45576 0.0016 0.0016 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K-rich igneo DK14_27_3 K-rich igneo DK14_273_1 K-rich igneo DK14_273_3 K-rich igneo DK14_273_3 K-rich igneo DK14_271_2	Krich ignes D K/1_210_2 Krich ignes D K/1_220_2 Krich ignes D K/1_222_1 Krich ignes D K/1_215_2	Krich ignee D K11_Z10_1 Krich ignee D K11_Z15_1 Krich ignee D K11_Z10_1	Krich ignee D K/1_Z20_1 Krich ignee D K/1_Z8_1 Krich ignee D K/1_Z8_2	Krich igneo DK11_215_2 Krich igneo DK11_223_2 Krich igneo DK11_221_2	K rich igneo D K11_Z21_3 K rich igneo D K11_Z14_8	K rich igneo D K11_Z18_1 K rich igneo D K11_Z5_4	K rich igneo D K11_Z21_1 K rich igneo D K11_Z3_1	K rich igneo D K11_Z14_7 K rich igneo D K11_Z14_7 K rich igneo D K11_Z20_3	K-rich ignec D K11_228_2 K-rich ignec D K11_228_2	K rich igneo D K11_Z2_2 K rich igneo D K11_Z2_2	K-rich igneo D K11_Z6_3 K-rich igneo D K11_Z11_2	K-rich igneo D K11_Z11_1 K-rich igneo D K11_Z11_3	K rich igneo D K11_20_2	K rich igneo D K11_26_1	K rich igneo D K11_Z14_8 K rich igneo D K11_Z14_2	Kirloh Igneo D Kirl_Z14_5	K rich igneo D K11_Z18_1	K rich igneo D K11 ZZ 9	K rich igneo DK11_224_4 K rich igneo DK11_224_4	K rich igneo D K11_Z24_3 K rich igneo D K11_Z22_2	K rich igneo D K11_22_1 K rich igneo D K11_22_4	K rich igneo D K11_Z2_3 K rich igneo D K11_Z2_6	K-rich igneo D K11_Z19_2 K-rich igneo D K11_Z10_3	K-rich igneo D K11_Z19_3 K-rich igneo D K11_Z2_5	K-rich igneo D K11_ZZ7_1	K rich igneo D K11_Z14_4	K rich ignee D K11 Z27 3	Krich igneo D K11_Z12_2 Krich igneo D K11_Z26_2	K rich igneo D K11_Z12_4 K rich igneo D K11_Z12_3	K rich igneo D K11_Z12_1	K rich igneo D K11 ZZ7 2	K rich igneo D K11 Z26 3	K-rich laneo D K11 Z14 1	igneous DK60 Z8 1	igneous DK60_Z8_3	igneous DK60_Z6_3						Igneous DK60_Z10_4				
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0.454 0.02 0.253 0.031 0.26 0.045 0.21 0.011 0.21 0.011	0.001	0.0490 0.00268902 0.0514 0.00242833 0.0579 0.0015365	0.0472 0.001688653 0.0504 0.00206302 0.0478 0.001404644	0.0465 0.00213328 0.0502 0.00232786	0.0494 0.00153283	0.0467 0.00232337 0.048 0.00240033	0.0403 0.00163162 0.0476 0.00203625	0.0493 0.00487941 0.0493 0.00487941	0.052 0.00261565	0.0532 0.00160378	0.049 0.00231741 0.0498 0.0025064	0.0430 0.00334079 0.0481 0.00343736	0.0483 0.00578 128	0.0481 0.00212068	0.0627 0.00467521	0.0400 0.00259093	0.0497 0.0030592	0.0406 0.00400143	0.0460 0.00553434	0.0374 0.00833364 0.0463 0.00805114	0.0491 0.00808004 0.0607 0.00947807	0.0528 0.00945913 0.0519 0.00697764	0.0463 0.0073585 0.0544 0.00906553	0.042 0.0150235 0.0468 0.00728585	0.092 0.00879463	0.051 0.00298	0.0550 0.00718748	0.0481 0.0050843 0.0532 0.00579840	0.0494 0.00588022 0.0495 0.00383015	0.0405 0.00302145	0.0409 0.00834085	0.048 0.00805273	0.054 0.00395049	0.0504 0.00197638	0.0495 0.00315913	0.0493 0.00155312	0.0481 0.00334147	0.0494 0.00232081	0.0461 0.00257101	0.0472 0.00285027	0.0457 0.00229028	0.048 0.00230903	0.0507 0.00393296	0.0606 0.00466036	0.057 0.01205403	0.058 0.01504479
167 167	102,4 123,4 144,6	100.8 100.8	985 984	95.9 95.9	922	845 853	76.3 79.6	787	530 730	600 616	57.1 57.0	542	12	515	\$ <u></u>	43.8	382	347	19.9 33.4	17 <i>5</i>	18.9 18.9	16.3	16.1 15.9	144 147	139 142	137	132	13.1 13.1	13.0 13.1	13.0	123	121	120	1049	101.1	1000	97.6	91,9 93,5	829	647 603	645	おない	30.3	282	10.4	140
98989	5 4 3 3 3 4 7 5	2881	22 0 4 0	32 22	338	22	26 24	2260	27	25	10	6 8	6 1 8 1	2 1 8 4	14	104	ដែរ	3 1	12 65	81	07	88	88	89	10 6	8	28	88	88	88	8	805	0 4	35	8	ο Ω 2 1	8	2.9	81	22	1.9	1.0 2.4	1	12	8 8	8
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202222	20 20 20	8888	3 2 2	888	888	20	2 2	888	3 8	20	20	20 20	881	381	20	20	388	20	20	88	20	20	20	20	20	181	20	20	20	86	88	20	20	20	20	20	20	20	20	20	20	20	20	20 6	20	2.0
909 929 957	881 753 815	856 856	917 749	88 85 95 95	815 834	924 887	837	815 812	931 817	854 854	904	919 919	888	807	98 98	947	883	859	985 872	920	940 913	894 911	895 917	922 922	967	910	9 9 9	934 937	1001 924	940	983	040 040	964	820	838	804	863	88	85	83 864	888	809 827	847	900 000	8 9	948
872 matrix 864 Matrix 808 gar net 740 Matrix 833 Matrix	763 Matrix 722 Matrix 704 Matrix 704 Matrix	Garnet Matrix Matrix	Matix	Matrix Matrix	Garnet	0 ar net Matrix	Matrix	704 Garnet 701 Matrix	Matrix	Matrix	Matrix Matrix	Matrix Matrix	Matrix	Matrix	Garnet	Garnet	Oarnet	Matrix	850 Matrix 756 Matrix	Matrix	Matrix Matrix	Matrix	Garnet Matrix	Garnet Matrix	M atrix	Garnet	Matrix	Garnet Matrix	Garnet	Garnet	Matrix	Matrix	Garnet	708 Matrix	725 Matrix	776 Matrix	747 Matrix	722 Matrix 754 Matrix	767 Matrix	740 Matrix 720 Matrix	771 Matrix	753 Matrix 715 Matrix	733 Matrix	781 Matrix	754 Matrix 790 Matrix	825 Matrix
anhedral, no o rim anhedral, no o rim anhedral, metr rim anhedral, grun rim anhedral, metr rim	An-subhedral, core anhedral, som core anhedral, no o core oscillatory, briç core	os cillatory, ant core os cillatory, ant core An-subhedral, core	anhedral, som core anhedral, oscil core anhedral occil core	anhedral, no o core anhedral, grun core	anhedral, gruncore oscillatory core core	os cillatory, ant core anhedral, os cil core	anhedral, grun rim? anhedral, grun core	anneora, gron core os cillatory core core anhedral, som core	anhedral, hom core	somewhat euh core? anhedral, grun rim	anhedral, sligh core anhedral, oz oil core	anhedral, osoil core anhedral, osoil core	anhedral, grun core	anhedral, sligh core	os cillatory core core os cillatory core core	annedral, nom core oscillatory core core	anhedral, grun core	somewhat euh core	anhedral, som core somewhat euh core	anhedral, som core anhedral, no o rim	somewhat euh rim somewhat euh rim	somewhat euh rim somewhat euh rim	anhedral, grunrim An-subhedral, rim	anhedral, grunrim somewhat euh rim	annedral, som core anhedral, brigt core	os oillatory core rim?	anhedral, brigt rim	anhedral, no o rim anhedral, hom rim	anhedral, no o rim anhedral, no o rim	anhedral, no o rim	anhedral, brigt core	anhedral, hom rim	os cillatory core rim	anhedral, no o core?	anhedral, no o core	anhedral, no c core?	anhedral, no o core	anhedral, osil, core anhedral, osil, core	anhedral, no o core	subhedral, osc core anhedral, oscil, core (in bright CL)	1	anhedral, oscil core subhedral, oscil core	anhedral, os cil core	anhedral, osoil core	anhedral, osil, rim	subhedral, oscrim
																																							(manufat	riaht CLY		regrowth area)				
0.206751 0.04219- 0.02658 0.116460 0.037975	0.010540 0.020253 0.087511	0.011382	0.033755	0.029630	0.04219-	0.080.189	0.033755	0.026316	55MUMU (1	0.04641-		0.037970	0.088008	0.033756	0.050633	0.010546	0.01519		0.025316	0.025310	0.010127 #VALUE1	0.029620.0			0.059072	0.008986	0.01302-	0.010540	0.018143		0.021007	0.04641-	0.126582	0.01012230	0.021941	0.037976	0.021007	0.040414			720	22		0.046414	0.035021	0.021087
0.206751 26.26427 0.042194 28.0057 0.02656 2.316476 0.164607 8.316476 0.037075 25.51175	12.72431 6.084829 9.787928 8.972268	0.011392 15.17129	0.033755 9.445351 0 10.11419 0 050633 14.56150	0.029630 11.09299		0.080189 9.624796 0 16.96574	0.033755 12.23401 0.020253 11.74051	0.025316 12.58117 0.025316 12.58117	0 7.66721	0.046414 2137031	0 13.05057 0 13.05057	0.037875 5.5008552 0 12.1044	4323002	0.033755 14.1925	23.40103	9.08040	0.01518 14.1926	11.90885	0.025316 21.53344	10.27732	0.010127 10.00788 #VALUE! 13.7031	15.40755	0 16.76367 0 19.24059	0 18.59706 0 17.12887	0.059072 36.86788	39.15171	2871126	0.010540 27.4062 0.139241 21.53344	0.018143 36.0522 0.037575 41.92490	0 49,59217	0.021007 30.5410	0.046414 19.03752 0.037975 22.16966	0.128582 21.53344	0.01012230 /./00008	0.021941 8.400058		0.021097 4840266	0.040414 822180 0.032489 12.07178	0.022363 8.150607	0 028602 5 383361	0.050633	0.050533			0.035021 4274062	
26.26427 0.894397 28.05873 0.614224 23.16476 0.689655 8.319739 0.640552 25.61175 0.387931	12.72431 2.262031 6.064829 0.538792 9.787928 0.323276 8.972268 0	8.809135 10.11410 15.17129 3.771652	9.445351 0.355800 10.11419 0 1488180 0	7.903475 0 11.09298 1.293103	15,12235 8,512931	9.524796 2.503985 16.98574 1.185345	12.23401 2.155172	12.56117 4840138 5.138002 0.538798	7.86721 0	21.37031 6.142241 7.895595 0	13.05057 4.094828 13.05057 4.094828	12.1044 0.862060	4323002 0	14,1925 0.00082	23.40103 5.172414 192.4059 3.017241	9.0804437 0.3077.24 8.504437 3.125	14.1925 4.20258	11.90885 0.571121	21.53344 2.047414	10.27732 0 14,58189 1,185346	10.00788 1.616370 13.7031 1.200770	15,40755 0.969828 11,74651 0,269021	0.484914	2.37066	30,80786 0.635770	39.15171 1.518370	2871128 2.047414	27.4062 0.538700 21.53344 0	36.0522 2.047414 41.92496 0	49.59217 4.202590	30.5416 2.37060	19.03752 1.939655 22.16966 1.400862	21.53344 2.047414	0.54823 -0.00133	8.400558 0.818900	0.007/075 1458189 0.581807	4840288 0.228203	822186 0.75431 12.07178 1.25	0.022363 8.156607 0.344828	0 028602 5382361 -0.00066	0.050633 11.58238 0.18319	0.050633 9.298632	11.09299	11.01142	4274062 -0.00061	10.70072 0.377155
2629427 0.894397 1.060328 28.06973 0.614224 0.4814 23.16476 0.6894662 1.765647 8.319739 0.0490622 0.765684 25.81175 0.367931 2.060175	12.72431 2.222931 1.772.409 6.084829 0.538793 2.472648 9.787928 0.323276 1.531729 8.972268 0.0.743982	15.17129 3771652 8.315098	9.445351 0.355803 1.203801 10.11419 0 4.157540 1466450 0 0.0010777	7.903475 0 2.460766 11.09298 1.293103 1.487965	25.12235 8.512931 13.34792 15.55059 1.185345 7.002188	9.624796 2.603966 0.919037 16.96574 1.185346 0.634673	12.23401 2.155172 1.150737 11.74651 1.831897 0.897155	12.56117 4.840138 8.633017 5.138052 0.538793 0.755854	7.86721 0 1.641138	2137031 6.142241 9.190372 7.895595 0 0.59061	13.05057 4.094828 9.846827 13.05057 4.094828 5.47046	12,1044 0.862060 5.032823	4323002 0 0.858455	14.1925 0.060828 1.247285	23.40103 5.172.414 10.50328 19.2-4059 3.0172.41 5.47040	9.08040 0.301724 -0.00224 8.504437 3.125 4.310722	14,1925 4,202580 4,595180	11.90885 0.571121 1.772429	2153344 2.047414 5.38105	10.27732 0 -0.00104 14.58189 1.185346 0.196937	10.00788 1.616370 0.743082 13.7031 1.200770 0.902801	15.40755 0.969828 1.094002 11.74651 0.258621 1.444201	0.484914 0.284464 0 1.531729	0.49669 0.284464 2.37069 1.334792	10/03/48 1.30/79 2.40/700 36.86786 0.635776 1.201028	30.15171 1.518370 8.128015	2871128 2.047414 2.058803 2871126 4.198246 2.058803	27,4062 0.538703 1,487085 21,53344 0 1,400438	36,0622 2,047414 2,988403 41,92496 0 0,393873	49.59217 4.202598 5.032823	36.5416 2.37060 1.07221	19.03752 1.939655 3.282276 22119966 1.400862 2.275711	2153344 2047414 6.084061	0.54923 -0.00133 0.306346	8.400058 0.818900 0.875274	14.68180 0.581807 1.487065	4840266 0.228203 1.334702	822186 0.75431 2.14442	0.022383 8.158607 0.344828 0.765884	0 028602 5383261 -0.00066 0.218818	0.050633 11.58238 0.18319 2.210066	0.02016 3.432437 0.080207 0.2407	11.09299 0.549569	11.01142 0.3125	4274062 -0.00061	10.70072
28.28427 0.894307 1.061028 1.554054 28.0873 0.614224 0.4614 2.77027 23.18476 0.899656 1.750647 1.62.1822 23.18739 0.649652 0.766864 3.310611 8.318739 0.649652 0.766864 3.310611	1272431 2280391 4.772403 1288764 6084829 0.538763 2.472648 8.179876 9787828 0.323276 1.531729 6.489466 8.972268 0.0743982 14.18919	1011410 1185345 2.310475 18.17568 10.11410 1185345 2.310475 18.17568 15.17129 3.771552 8.315098 33.78378	9.446351 0.355803 1.203601 13.51351 10.11419 0 4.157540 18.24624 1488930 0 0.010077 8.446048	11.04299 1.253103 1.457605 1.554054 11.08299 1.253103 1.457605 1.554054	25.12235 8.512931 13.34792 75.57568 15.56069 1.185345 7.002188 31.75576	9.624796 2.603966 0.919037 8.378378 16.96574 1.185345 0.634573 5.878378	12.23401 2.155172 1.150737 8.018010 11.74651 1.831897 0.897155 1.486486	12.56117 4.840138 8.633017 5.138052 0.538793 0.755854	7.66721 0 1.641138 6.283784 0.0688418 1.0775590 0.9844983 8.108108	2137031 6.142241 9.190372 39.86486 7.895595 0 0.59081 1.959459	13.05057 4.094828 9.846827 37.152.16 13.05057 4.094828 5.47046 47.2973	12.1044 0.862069 5.032823 20.94695	4323002 0 0.056455 5.337838	14,1925 0.969828 1.247285 16.89189	23.40103 5.172.414 10.50328 52.7027 19.2-4959 3.0172.41 5.47046 29.72973	8000+0 0.407/24 -000224 6.418919 8504437 3.125 4.310722 2027027	14,1925 4202598 4,595198 31,76976	11.90865 0.571121 1.772429 10	2153344 2.047414 5.38105 43.91892 7.292007 1.077588 0.940919 8.446946	1027732 0 -000104 7.5 1468189 1.188346 0.196937 4.527027	10.00788 1.818370 0.743082 1.418010 13.7031 1.200770 0.902801 2.77027	15.40755 0.969828 1.094092 6.013614 11.74651 0.258021 1.444201 4.121622	0.484914 0.284464 5.202703 0 1.531729 3.040541	0.40669 0.284464 6.013614 2.37069 1.334792 3.986486	10.03948 1.30779 2.400700 17.00707 36,86786 0.635776 1.201028 8.783784	39.15171 1.516379 6.126915 22.97297	2871126 2047414 2.0568803 2.297297 2871126 1.198246 2.078776 2.649640	27.4062 0.538703 1.487085 8.851351 21.53344 0 1.400438 3.581081	36.0522 2.047414 2.888403 17.63514 41.92490 0.0393673 0.554054	49.59217 4202598 5.032823 25.67668	36.5416 2.37069 1.07221 5.540541	19.03752 1.939655 3.282276 9.72973 22.16966 1.409662 2.275711 4.662162	2153344 2047414 0.564561 30.46641	2,70009 0.20048 0.700219 7.027027 0.54823 -0.00133 0.306346 4.180180	8.400058 0.818900 0.875274 0.210210	1458180 0.581807 1.487085 5.418010	4840266 0.228203 1.334702 5.067568	822186 0.75431 2.14442 2.432432 12.07178 1.25 4.201313 3.446946	0.022303 8.150507 0.344828 0.765884 3.648649	0 022486 0.840547 0.062201 0.256757 0.022602 5383361 .0.00066 0.248848 3.476876	0.050633 11.58238 0.18319 2.210066 6.283784	0.05063 9298532 0.216517 1.531729 7.837638 0.02616 3.132137 0.088207 0.2407 2.162162	11.09299 0.549669 1.203601 8.783784	1101142 0.3125 1.004002 472973	4274062 -0.00061 0.100656 0.472973 3833605 0.474138 0.625464 1.351351	1070072 0.377155 0.2407
28/0427 IO94607 IO5028 IS4/047 100286 28/0427 IO94607 IO5028 IS4/047 102086 28/0475 IO8462 I750547 IS2/627 746003 23/475 IO84642 I750547 IS2/627 746005 83/4736 IO44622 I750547 33/1011 IO34422 256/175 IO367051 260775 2707703 8/170545	1272431 2262331 4172246 12.83764 2.200698 6084529 0.53793 2.472948 8.176876 3.00763 9.787626 0.323276 1.531726 6.469466 6.661456 8.972268 0 0.743862 1418916 8.70376	1000100 8800135 0 0.47007 3.446940 5.2009 10.11410 1.185345 2.310475 18.17568 11.5452 15.17128 3.771652 8.315088 3378378 19.7168	9.445351 0.355803 1.203801 13.51351 7.10479 10.11419 0 4.157549 18.24524 5.06383 14.66190 0 0.000077 8.446046 3.65730	11.02299 0 0.02202 2.039130 1.77018 7.993475 0 2.450788 6.756757 9.05861 11.09299 1.293103 1.487985 1.554054 3.55239	25.12235 8.512931 13.34792 75.57668 25.932 15.80069 1.185345 7.002488 31.75676 9.06864	9.524796 2.503965 0.919037 8.378378 1.24333 15.96574 1.185345 0.534573 5.878378 3.55239	12.23401 2.155172 1.150737 8.018010 8.57103 11.74551 1.831897 0.807155 14.86486 2.84191	12.56117 4.840138 8.633017 36.46640 21.1367 5.138662 0.538783 0.765864 2.432432 1	7.86721 0 1.641138 6.283784 4.26287 0.6688418 1077590 0.364493 8 108108 1	2137031 6.142241 9.190372 39.86466 13.4091 7.895595 0 0.59061 1.959459 3.01953	13.05057 4.094928 9.846827 37.16216 17.5843 13.05057 4.094928 5.47046 47.2973 14.2095	0000852 1077588 1.159737 4.121622 4.440480 12.1044 0.862089 5.052823 20.94695 8.525769		14.1025 0.000828 1.247285 16.80180 3.552300 12.12726 0.000828 1.247285 16.80180 3.552300	2340403 5172414 1050328 52.7027 26820 1924059 3017241 547040 2972973 888099	808040 0.9/17/24 -000/224 0.418/19 3:00/248 8:504437 3:125 4:310722 20:27027 8:70337	14,1925 4202590 4,095190 3170070 12,2557	11.50865 0.571121 1.772429 10 7.81527	2153344 2.047414 5.38105 43.91892 14.2089 7.292007 1.077588 0.940919 8.448946 5.88149	1027732 0 -0.00194 7.5 5.15097 1458189 1.185345 0.195937 4.527027 4.44049	10.00788 1616370 0.743082 1.418910 2.30008 13.7031 1.200776 0.902801 2.77027 4.79573	15.40755 0.969828 1.004002 6.013614 7.28241 11.74651 0.258621 1.444201 4.121622 7.10479	0.484914 0.284464 5202703 10.4795 0 1.531729 30.40541 0.21009	0.49569 0.284464 6.013614 6.92717 2.37069 1.334792 3.986486 4.79573	10.0.3949 1.307/39 2.400/00 17.50757 9.70909 30.80798 0.635778 1.201028 9.783784 4.61811	39.15171 1.516370 5.126915 22.97297 8.34813	28.71126 2.047414 2.058803 2.207207 8.34813	27.4062 0.538793 1.487065 8.851351 11.0124 21.53344 0 1.400488 3.581081 8.59147	36.0522 2.047414 2.888403 17.63614 28.0639 41.92486 0.0393873 0.554054 12.6110	49.59217 4.202598 5.002823 25.67568 26.9882	36.5416 2.37066 107221 5.540541 4.79573	19.03752 1.939655 3.282276 9.72973 7.28241 22.16966 1.400862 2.275711 4.662162 6.03007	2153344 2047414 0.064551 30.40541 14.7424	2/0508 0/290946 0/200219 /0/2/02/ 390/536 054823 -0/00133 0/306346 4/180180 2/131430	8.400558 0.818900 0.875274 0.210210 7.992895	14.68189 0.581897 1.487965 6.418919 9.238234	4540266 0.228203 1.334702 5.067568 -0.05068	8.22186 0.75431 2.14442 2.432432 0.571830 12.07178 1.25 4.201313 34.46946 13.49911	0.022303 8.150007 0.344828 0.705804 3.049049 1.307673	0 028602 5 383281 -0.00066 0.248818 3 476875 3 374778	0.050633 11.56238 0.18310 2.210066 6.283784 6.571036	0.0500033 9.298532 0.216517 1.531729 7.837838 0.744650 0.02616 3.132137 0.060207 0.2407 2.162162 0.852575	1108299 0.549669 1.203601 8.783784 0.71048	1101142 0.3125 1.004002 472073 1.240309	4274062 -0.00061 0.100658 0.472973 2.664298 3333605 0.474438 0.625464 4.351351 2.466670	10.70072 0.377155 0.2407 3.175076 3.730018
230487 084497 105028 154041 708286 140708 230687 004624 0.4914 27707 740003 05200 231467 083065 1750547 1621822 745003 115777 331478 083065 1750547 1621822 745003 115777 331478 0304452 0.756804 3310811 0.05942 140738 2561475 0387931 2.65075 2702703 8.70545 12003	12/21431 2200031 1/72400 12.87744 2200050 0221166 0064520 038770 2.472648 077677 300768 31660204 9770528 0327276 1451729 0469495 5661450 4422111 9772588 0 0/743962 1418919 8703376 6025125	0 0.427627 3.44644 6.326627 17.53794 0.11410 1.185345 2.319475 18.17568 11.54622 75.8794 16.17429 3.771652 8.315098 33.78378 19.71581 2.30.1608	9.445351 0.355600 1.203501 13.51351 7.104708 48.74372 10.11419 0 4.157549 18.24324 5.083837 00.30151 14.81950 0 0.040037 8.445246 3.557300 35.17865	11104244 0 0.02263 2.030130 17.70149 901040 7.993475 0 2.460786 0.568767 0.00886 6 1800004 11.08299 12.80103 1.487985 1554054 3.552388 482.4121	25/12235 8/5/12931 13:34792 7/567668 2/5.9325 386.9347 15/500069 1.196345 7.002/198 3179676 9.098615 189.4472	9524796 250396 0.919037 8.378378 1.243339 5427136 16.90574 1.185345 0.034673 5.878378 3.562398 27.1366	12.23401 2.155172 1.150737 8.013010 6.571038 37.58844 11.74651 1.831897 0.807165 14.86486 2.841918 73.86026	0.000414 0.077000 0.000400 0.100100 12.56117 0.404138 0.5233017 0.646540 21.13677 100.4522 5.136002 0.533753 0.7055004 2.432432 0 22.51805	7.66721 0 1.641138 6.283784 4.262877 28.1407 0.066448 1.077560 0.054463 8.108408 0.20.1000	2137031 6.140241 9.190372 39.86486 13.49911 256.2814 7.885595 0 0.59081 1.959459 3.019538 16.582291	13.05057 4094828 9.846827 37.16216 17.58437 224.1206 13.05057 4094828 5.47046 47.2973 14.20959 180.402	0000652 1077560 1.159737 4.121622 4.44040 29.0462- 12.1044 0.862069 5.032823 20.94695 8.525755 118.0005		14 1925 0.000028 1.247285 18.80180 3.552398 59.79800	23.40403 5.172.414 10.50328 52.7027 28.8206 385.0306 19.2.4659 3.0172.41 5.47046 29.72973 8.880986 226.0332	8004437 3.125 4.310722 2027027 8.703375 128.1407	14,1925 4202588 4,695188 31,76076 12,25577 138,191	1190805 0.571121 1.772429 10 7.845275 05.83417	2153344 2047414 538105 4391892 1420959 2211055 7292007 1077586 0.940919 8.449946 5861458 2261307	10.27732 0 0.000104 7.5 5.160077 14.57286 14.58189 1.185345 0.1905937 4.527027 4.440497 13.06533	10.00788 1816370 0.743082 1.418010 2.300050 12.56281 13.7031 1.200776 0.902801 2.77027 4.796737 2.3.61805	15.40755 0.969828 1.094092 6.013614 7.282416 23.61800 11.74651 0.268621 1.444201 4.121622 7.104790 30.15076	0.484914 0.284464 5202703 10.47957 1155779 0 1.531729 3.040541 6.216690 17.5879-	0.49669 0.284464 6.013614 6.927176 15.57789 2.37069 1.334792 3.986466 4.795737 13.06533	30.86796 0.635776 1.291028 8.783784 4.618117 26.13065	39.15171 1.518379 6.128915 22.97297 8.348135 140.201	2071126 2047414 2.058803 2.207207 8.340135 14.47226 2071126 1.1047345 2.078776 8.640640 0.040616 26.63317	27.4062 0.538703 1.487085 8.851351 11.01248 26.13065 21.53344 0 1.400488 3.581081 9.591474 10.05025	26.0522 2.047414 2.888403 17.63514 28.06394 49.74874 41.92496 0.0.393873 6.554054 12.61101 37.18993	40.50217 4.202500 5.002823 25.67668 20.90822 63.8191	36,5416 2,37069 107221 5,540541 4,796737 42,71357	19.03752 1.938655 3.282276 9.72973 7.282416 11.05528 22.16966 1.400862 2.275711 4.662162 6.039076 63.31665	2153344 2047414 6 564551 30,40641 14,74246 179,8366	2/20009 01290948 01/00219 /102/022 380/058 37.0094- 054623 -0.00133 0.306346 4.180180 2.131430 13.56784	8-40658 0.818966 0.875274 0.210216 7.982886 467286-	1458180 0.581807 1.487085 5.418010	4840288 0.228203 1.334702 5.087688 -0.05088 10.00548	822186 0.75431 2.14442 2.432432 0.571836 120.003 12.07178 1.25 4.201313 3.445946 13.40911 162.3116	0.022283 8.150507 0.344828 0.755854 3.548549 1.367573 29.14573	0 822198 0.840517 0.082301 0.256757 7.815275 62.31458 0.028802 5.383381 0.00088 0.218818 3.178878 3.374778 17.0854	0.050633 11.58238 0.18310 2.210056 6.283784 6.571936 45.2261	0.020163 8/296632 0/216617 1.031729 7.837838 0.740606 42.7136 0.02516 3.132137 0.068207 0.2407 2.162162 0.852575 5.427136	11.08299 0.549669 1.203601 8.783784 0.71048 38.6934	11/01142 0.3125 1/004002 472973 1/249339 25/1265	4274062 0.00061 0.100656 0.472973 2.654298 4.723618 3833605 0.474138 0.525464 1.351351 2.466670 5.22613	10.70072 0.377105 0.2407 3.170076 3.730018 8.04020
2004/2 004407 106030 1554041 706080 1407056 527778 2006/2 004402 04414 27727 7740000 055000 3005000 2006/2 004602 1780041 25702 740000 1155770 01666/ 2306/2 004602 1780641 25102 70000 1155770 01666/ 2310/2 004602 1780641 251017 003442 145577 020 21060/ 2307/2 004602 01700641 25102703 8170515 120000 1104444 25011/2 038763 236077 2702703 8170515 120000 1104444	12/21491 2200391 1/774-00 12.827944 2.300000 02.31160 138.8680 004-020 0.5387/02 2.472648 0.147075 3.007058 3166502 0.0681/1 9/707020 0.323270 1.451729 0.440408 0.861440 4.422111 00.05058 9/72268 0.07745802 1418910 8.70375 50.25125 140.3889	Horizon Contractor	9446351 0.365600 1.203601 13.51351 7.104706 48.74372 105 10.11419 0.417549 18.24224 0.083837 00.30151 122.2222 14.64950 0.0101077 8.449346 3.457300 35.17580 05.77770	11.04244 0.042462 2.053130 1.70184 solitation 7.903475 0.240756 6.76757 0.05815 6.10005 1.44 11.06239 1.263103 1.467605 1.564154 3.5622388 48.24121 80.944444	25.12235 8.512931 1334792 7557668 25.9325 386.9347 833.3333 15.50069 1.185345 7.002188 31.75678 9.058615 159.4472 363.0556	9524795 2553965 0.019037 8.378378 1.243339 5427135 1.36.1111 15.96574 1.185345 0.634573 5.878378 3.552396 27.13568 9.277778	12/23401 2/155172 1/150737 8/0180/10 6/571038 37/58044 88/61111 11/74551 1/331807 0/307455 14/80488 2/841918 73/80925 131/3889	0.000010 0.01000 0.00000 0.000100 0.000100 0.000000 0.000000 0.000000 0.000000 0.000000	7.66721 0 1.641138 6.283784 4.262877 28.1407 8.1.94444 0.068418 1.077690 0.364463 8.008108 0.201006 0.57778	2137031 6142241 9.190372 39.86486 13.49911 256.2814 538.8889 7.866595 0 0.56061 1.959459 3.019538 19.56291 32.22222	13.05057 4.094628 9.846827 37.16216 17.58437 224.1206 477.7778 13.05057 4.094628 5.47046 47.2873 14.20859 180.402 294.4444	0500652 1077590 1.159737 4.121622 4.441497 2304824 49.10007 12.1044 0.862069 5.052823 20.94695 8.525755 118.0005 2.44.4444		14.1925 0.000828 1.247.265 16.89189 3.552308 59.79899 131.0444	23.40103 5.172.414 10.50328 52.7027 28.8208 385.0208 825 192.4059 3.0172.41 5.47040 29.72973 8.880986 220.0332 444 4444	900640 0.907/24 0.00024 0.419419 3002346 3200332 80,0000/ 8564437 3.125 4.310722 2027027 8,703375 128,1407 261,1111	14/1925 4/20588 4/895188 31/9976 12/25577 138/191 275	11.90865 0.671121 1.772429 10 7.815275 06.83417 130.1067	2153344 2047414 538105 43.91892 14.20859 221.1055 350 7.292007 1077586 0.940919 8.446946 5.861468 22.61307 47.5	10.27732 0 .000104 7.5 5.160077 14.57288 35.27778 14.58189 1.185346 0.196937 4.527027 4.440497 13.06533 8.511111	10.00788 1616370 0.743982 1.418919 2.300050 12.56281 29.44444 13.7031 1.260776 0.962801 2.77027 4.786737 23.61808 23.33333	1540755 0.989828 1.004002 6.013514 7.282416 23.61800 2472222 11.74651 0.288021 1.444201 4.121022 7.104796 30.15075 75.27778	0.484914 0.284464 6202703 10.47967 1155779 2138889 0 1.531729 3.040541 6.210090 17.58794 16.38889	0.44669 0.284464 6013614 6.927176 15.57789 7.222222 2.37069 1.334792 3.986486 4.796737 13.06533 18.05566	1003948 1.32/799 2.400/70 17.50777 9.709094 0432101 1410007 3030770 0.635770 1.201028 8.783784 4.618117 26.13065 67.5	39.15171 1516379 5.125915 22.97297 8.348135 140.201 397.2222	2871126 2047414 2.056883 2.207287 8.348135 14.47228 22.22222 2221126 14.97246 2.072875 2.672920 0.0408.64 26.83317 18.33333	27.4062 0.538703 1.467065 8.851351 11.01243 26.13065 1627778 21.53344 0 1.400438 3.581081 9.591474 10.05025 8.333333	26.0522 2.047414 2.888403 17.63614 28.06304 49.74874 51.38889 41.92490 0.0.393873 6.554054 12.61101 37.18993 20	40.50217 4202500 5.002823 25.07668 20.90822 63.8191 50.10007	30.5416 2.37069 1.07221 5.540541 4.796737 42.71357 92.77778	19.03752 1939655 3.282276 9.72973 7.282416 11.05528 25.27778 22.18966 1.400862 2.275711 4.662162 6.039076 6331668 136.1111	2153344 2047414 0,554551 30,40541 14,74245 179,8895 277,7778	2,70009 0.200946 0.700219 7.027027 3807038 37.08844 119.4444 9.54223 -0.00133 0.308346 4.189189 2.131433 13.56784 46.66667	8-406058 0.818900 0.875274 0.210216 7.982886 4672864 119-4444	1458180 0.591807 1.497085 6.418010 0.238234 57.78804 125 10.00086 2.486172 6.708867 26.36136 40.74661 146.2412 226	4540266 0.228203 1.334792 5.067568 -0.05968 19.09548 48.61111	8.22186 0.75431 2.14442 2.432432 0.571830 1.20.003 178.8888 12.07178 1.25 4.201313 34.46946 13.40911 162.3116 324.1697	0.022303 8.150007 0.344828 0.705804 3.548049 1.367673 29.14673 67.22223	0 822186 0.840517 0.062801 0.256757 7.815275 62.31458 111.3864 0.028602 5.383361 0.00068 0.218818 3.176876 3.374778 17.08543 44	0.050833 11.58238 0.18319 2.210086 0.283784 0.571938 4522813 122.2223	0.0000033 9.298032 0.216017 1.031729 7.837838 0.740000 42.71367 70.38988 0.02616 3.132137 0.088207 0.2407 2.162162 0.852575 5.427136 18.8111/	11.00299 0.549069 1.203001 8.783784 0.71048 38.09347 83.8888	1101142 03125 1004092 472973 1249309 25.12683 63.05566	4274062 -0.00061 0.100656 0.472973 2.064298 4.723818 8.888889 3.833605 0.474438 0.625464 4.3514351 2.466670 5.226434 0.722222	10.70072 0.377105 0.2407 3.178076 3.730018 8.040201 23.01111
2004/07 1004/07 100/02 144/044 700000 14/0700 5/27778 12.9510 2008/27 004/29 04/64 27702 12/90/00 02/02/09 02/00/07 12/90/07 2008/27 004/29 04/64 2776/12/27 440000 14/9770 04/00/27 12/90/07 2140/20 004/20 04/90/20 12/90/07 27/90/00 14/9770 04/90/20 20/00/27 12/90/07 2140/20 004/20 04/90/20 02/90/07 27/90/00 14/90/40 20/90/27 12/90/27 2510/20 04/90/20 02/90/07 27/90/00 14/90/40 20/90/27 12/90/20 12/90/20 12/90/20 12/90/27 1	1272461 220031 1772461 1287541 230058 6221481 (38.886) 206.010 608420 028762 0247548 617677 300763 156620 930111 1475 978028 032778 1551728 049968 588440 4422111 805656 215144 977258 0 074982 1418018 870375 6025126 146.3889 285.12	820125 0.47002 444940 532567 175174 288888 530244 10.114410 1.165345 2.310475 18.17668 11.54623 75.8704 127.778 313.0061 15.17129 3.771652 8.315098 33.78378 19.71681 2.30.1608 461.1111 808.9451	9448351 0365603 1,203601 13,51351 7,104708 48,74372 105 247,9675 10,11419 0 4,157649 13,2424 6,088837 10,30161 122,2222 2362 14,61369 0 0,001077 8,44544 3,457308 04,71789 04,71778 10,1650	11.06299 1283103 1.487905 12547054 3262288 4824121 90.94444 215.0407	25/12235 85/12831 1334782 75/7668 25/8225 386/8247 833/333 1/86/1475/61 15/60069 1/86345 7/02/88 31/26/76 9/08665 189/4472 363/0666 7/8/86/18	9524798 2563966 0.919037 8.378378 1.24339 5427138 138.1111 2682927 16.96574 1.168345 0.634673 5.878378 3.552396 27.13668 9.277778 181.7073	1223401 2155172 1150737 8918019 8,571938 3758844 88,61111 2223577 1174551 1831897 0.897155 1486486 2,841918 73,86825 131,3889 2845528	1250417 1047000 0000000 000000 000000 0000000000	7.86721 0 1.841138 6.283784 4.262877 28.1407 8.194444 18463.41 0.088418 1.077556 0.394463 8.108408 0 20.1006 05.27778 05.20355	2137031 6.142241 9.190372 39.86486 13.49911 256.2814 538.8889 1012.195 7.896595 0 0.59081 1.959469 3.019538 16.58281 32.22222 55.28465	13.05057 4.094628 9.846827 37.16216 17.58437 224.1206 477.7778 804878 13.05057 4.094628 5.47046 47.2973 14.20959 180.402 294.4444 617.8862	0500852 1077550 1.159737 4.121522 4.440497 29.04624 49.10067 134.9933 12.1044 0.862069 5.022823 20.94695 8.625755 118.0005 2.44.4444 463.4146	4323002 0 0.656465 5 337838 201005 5 361111 02.00244	14,1025 0.000828 1.247265 16.80180 3.552388 5070800 131.0444 270.7317 42.33414 0.000426 1.00276 5070275 7.04476 32.14866 51.04444 76.04276	2340403 5472414 1050328 52,7027 288208 385,0298 825 1524.30 1924596 3047241 547040 297,2973 8880866 226,0332 444,4444 7845528	900846 0.307744 -000224 0.419819 3052346 32.56332 80.56007 108.9451 8564437 3.125 4.310722 20.27027 8.703375 128.1407 261.1111 430.4678	14.1925 4202598 4.695180 31/7076 12.25577 138.191 275 520.3252	1130885 0.571121 1.772429 10 7.815275 05.83417 138.1607 254.878	2153344 2047414 538405 4394892 1420659 2211055 350 7580078 7292007 1077586 0.940619 8.448946 5581488 2261307 47.5 1195122	10,27732 0 0.001404 7.5 5.160077 1457288 3527778 57.72368 1458189 1.185345 0.1806837 4.527027 4.440497 13.08633 8.5111111 17.88618	10.00788 1616370 0.743082 1.418010 2.300050 12.56281 29.44444 26.42278 13.7031 1.260776 0.902801 2.77027 4.796737 23.61809 23.3333 26.20325	15.40755 0.000828 1.004002 6.013614 7.282416 23.61800 2472222 22.02683 11.74651 0.288621 1.444201 4.121622 7.104780 30.15075 75.27778 123.9837	0.4644/14 0.2844/64 6.2027/03 10.47/967 11.55779 21.38889 16.26016 0 1.531729 3.040541 6.216090 17.56794 16.38889 16.66067	0.40660 0.224464 6013514 6.927176 1557789 7.222222 8.948089 2.37069 1.334792 3.966466 4.796737 13.06533 18.05556 31.30081	1053448 1.357/79 2.450/700 17.557/57 9/780044 0422/501 141/0067 245122 3836786 0.655778 1.231028 8/783784 4618117 2613065 67.5 1317073	39.15171 1518379 6.128915 22.97297 8.348135 140.201 397.2222 882.8016	2871128 2047414 20586893 2207207 8348135 1447228 222222 47.08748	27.4062 0.538743 1.487465 8.851351 11.01248 26.13065 1.527778 22.35772 21.53344 0 1.400438 3.581081 9.591474 10.05025 8.333333 12.00163	26.0522 2.047414 2.888403 17.55514 28.06304 49.74674 51.38880 41.88992 41.92496 0.0393873 6.554054 12.61101 37.18693 20 30.0813	49.50217 4202500 5.002223 25.57568 25.59622 63.8181 59.10007 03.00613	38.5418 2.37069 1.07221 5.540541 4.795737 42.71357 92.77778 168.9431	19.03752 19.33655 3.222276 9.72973 7.222416 11.05528 25.27778 19.9187 22.15966 14.00862 2.275711 4.662462 6.039076 63.31668 130.1111 277.2369	2153344 2.047414 0.564551 30.40541 14.74246 179.8365 2.77.7778 560.9756	2/10009 0/200940 0/100219 /022027 390/050 3700044 119-4444 2418099 054023 -0.00133 0.300346 4180180 2.131430 1356784 46.80067 84.14634	8400558 0.818900 0.875274 0.210216 7.892885 4572854 119.4444 240.5504	14.58189 0.581897 1.487985 6.418919 9.238234 57.78894 125 306.5041 10.03956 2.456472 5.709867 26.36435 40.74561 148.2472 325 605.6041	4840286 0.220203 1.334702 5.067688 -0.05008 10.00548 48.81111 128.4228	822186 0.75431 2.14442 2.432432 0.571830 120.003 178.8888 300.2430 12.07178 1.25 4.201313 3.446846 13.40911 162.3116 324.1667 642.2764	0.022303 8.150007 0.344828 0.765804 3.048040 1.367673 29.14573 67.22222 165.0407	0 822186 0840517 04062801 0266757 7815275 6231556 1113360 2503408 0.028602 5383281 0.00068 0.218818 3178875 3374778 17.08543 40 0148341	0.050633 11.58238 0.18310 2.210066 6.283784 8.571938 46.22813 122.2222 273.9837	0.000053 9290532 0.210517 1.031729 7.837838 0.740000 42.71057 76.38889 224.3902 0.02010 3.132137 0.000207 0.2407 2.102102 0.802575 5.427130 18.01111 52.49002	11.08299 0.540699 1.203001 8.783784 0.71048 38.69347 83.88889 1947154	1101142 0.3125 1.004002 472973 1.249339 25.12663 63.06566 160.9768	4274062 -0.00061 0.100656 0.472973 2.654298 4.723618 8.888888 8.943089 3833605 0.474438 0.655464 1351351 2.466870 5.226431 0.722222 16.26046	10/0072 0.377105 0.2407 3.178076 3.730018 8.040201 23.01111 21.86122
2004/2 004407 106030 1554041 706080 1407056 527778 2006/2 004402 04414 27727 7740000 055000 3005000 2006/2 004602 1780041 25702 740000 1155770 01666/ 2306/2 004602 1780641 25102 70000 1155770 01666/ 2310/2 004602 1780641 251017 003442 145577 020 21060/ 2307/2 004602 01700641 25102703 8170515 120000 1104444 25011/2 038763 236077 2702703 8170515 120000 1104444	1272491 220031 1772491 1287941 230050 0231481 (38888) 269.00 008420 038792 247248 01287741 300050 02319520 030111 14759 972020 032777 151720 049988 588450 4472111 905550 21314 972028 0 074982 1418919 870375 9025126 149.389 295.12	820125 0.47002 444940 532567 175174 288888 530244 10.114410 1.165345 2.310475 18.17668 11.54623 75.8704 127.778 313.0061 15.17129 3.771652 8.315098 33.78378 19.71681 2.30.1608 461.1111 808.9451	9448351 0365603 1,203601 13,51351 7,104708 48,74372 105 247,9675 10,11419 0 4,157649 13,2424 6,088837 10,30161 122,2222 2362 14,61369 0 0,001077 8,44544 3,457308 04,71789 04,71778 10,1650	11.06299 1283103 1.487905 12547054 3262288 4824121 90.94444 215.0407	25/12235 85/12831 1334782 75/7668 25/8225 386/8247 833/333 1/86/1475/61 15/60069 1/86345 7/02/88 31/26/76 9/08665 189/4472 363/0666 7/8/86/18	9524798 2563966 0.919037 8.378378 1.24339 5427138 138.1111 2682927 16.96574 1.168345 0.634673 5.878378 3.552396 27.13668 9.277778 181.7073	1223401 2155172 1150737 8918019 8,571938 3758844 88,61111 2223577 1174551 1831897 0.897155 1486486 2,841918 73,86825 131,3889 2845528	1250417 1047000 0000000 000000 000000 0000000000	7.86721 0 1.841138 6.283784 4.262877 28.1407 8.194444 18463.41 0.088418 1.0775580 0.394463 8.108408 0 20.1006 05.27778 0520325	2137031 6.142241 9.190372 39.86486 13.49911 256.2814 538.8889 1012.195 7.896595 0 0.59081 1.959469 3.019538 16.58281 32.22222 55.28465	13.05057 4.094628 9.846827 37.16216 17.58437 224.1206 477.7778 804878 13.05057 4.094628 5.47046 47.2973 14.20959 180.402 294.4444 617.8862	0500852 1077550 1.159737 4.121522 4.440497 29.04624 49.10067 134.9933 12.1044 0.862069 5.022823 20.94695 8.625755 118.0005 2.44.4444 463.4146	4323002 0 0.656465 5 337838 201005 5 361111 02.00244	14,1025 0.000828 1.247265 16.80180 3.552388 5070800 131.0444 270.7317 42.33414 0.000426 1.00276 5070275 7.04476 32.14866 51.04444 76.04276	2340403 5472414 1050328 52,7027 288208 385,0298 825 1524.30 1924596 3047241 547040 297,2973 8880866 226,0332 444,4444 7845528	900846 0.307744 -000224 0.419819 3052346 32.56332 80.56007 108.9451 8564437 3.125 4.310722 20.27027 8.703375 128.1407 261.1111 430.4678	14.1925 4202598 4.695180 31/7076 12.25577 138.191 275 520.3252	1130885 0.571121 1.772429 10 7.815275 05.83417 138.1607 254.878	2153344 2047414 538405 4394892 1420659 2211055 350 7580078 7292007 1077586 0.940619 8.448946 5581488 2261307 47.5 1195122	10,27732 0 0.001404 7.5 5.160077 1457288 3527778 57.72368 1458189 1.185345 0.1806837 4.527027 4.440497 13.08633 8.5111111 17.88618	10.00788 1616370 0.743082 1.418010 2.300050 12.56281 29.44444 26.42278 13.7031 1.260776 0.902801 2.77027 4.796737 23.61809 23.3333 26.20325	15.40755 0.000828 1.004002 6.013614 7.282416 23.61800 2472222 22.02683 11.74651 0.288621 1.444201 4.121622 7.104780 30.15075 75.27778 123.9837	0.4644/14 0.2844/64 6.2027/03 10.47/967 11.55779 21.38889 16.26016 0 1.531729 3.040541 6.216090 17.56794 16.38889 16.66067	0.40660 0.224464 6013514 6.927176 1557789 7.222222 8.948089 2.37069 1.334792 3.966466 4.796737 13.06533 18.05556 31.30081	1053448 1.357/79 2.450/700 17.557/57 9/780044 0422/501 141/0067 245122 3836786 0.655778 1.231028 8/783784 4618117 261/3065 67.5 131/073	39.15171 1518379 6.128915 22.97297 8.348135 140.201 397.2222 882.8016	2871128 2047414 20586893 2207207 8348135 1447228 222222 47.08748	27.4062 0.538743 1.487465 8.851351 11.01248 26.13065 1.527778 22.35772 21.53344 0 1.400438 3.581081 9.591474 10.05025 8.333333 12.00163	26.0522 2.047414 2.888403 17.55514 28.06304 49.74674 51.38880 41.88992 41.92496 0.0393873 6.554054 12.61101 37.18693 20 30.0813	49.50217 4202500 5.002223 25.57568 25.59622 63.8181 59.10007 03.00613	38.5418 2.37069 1.07221 5.540541 4.795737 42.71357 92.77778 168.9431	19.03752 19.33655 3.282276 9.72973 7.282416 11.05528 25.27778 19.9187 22.16966 14.00862 2.275711 4.662462 6.039076 63.31668 130.1111 277.2369	2153344 2.047414 0.564551 30.40541 14.74246 179.8365 2.77.7778 560.9756	2,70009 0.200946 0.700219 7.027027 3807038 37.08844 119.4444 9.54223 -0.00133 0.308346 4.189189 2.131433 13.56784 46.66667	8400558 0.818900 0.875274 0.210216 7.892885 4572854 119.4444 240.5504	1458180 0.591807 1.497085 6.418010 0.238234 57.78804 125 10.00086 2.486172 6.708867 26.36136 40.74661 146.2412 226	4840286 0.220203 1.334702 5.067688 -0.05008 10.00548 48.81111 128.4228	822186 0.75431 2.14442 2.432432 0.571830 120.003 178.8888 300.2430 12.07178 1.25 4.201313 3.446846 13.40911 162.3116 324.1667 642.2764	0.022303 8.150007 0.344828 0.765804 3.048040 1.307673 29.14573 67.22222 105.0407	0 822186 0840517 04062801 0266757 7815275 6231556 1113360 2503408 0.028602 5383281 0.00068 0.218818 3178875 3374778 17.08543 40 0148341	0.050833 11.58238 0.18319 2.210086 8.283784 8.571938 45.22813 122.2223	0.000053 9290532 0.210517 1.031729 7.837838 0.740000 42.71057 76.38889 224.3902 0.02010 3.132137 0.000207 0.2407 2.102102 0.802575 5.427130 18.01111 52.49002	11.08299 0.540699 1.203001 8.783784 0.71048 38.69347 83.88889 1947154	1101142 03125 1004092 472973 1249309 25.12683 63.05566	4274062 -0.00061 0.100656 0.472973 2.654298 4.723618 8.888888 8.943089 3.833605 0.474438 0.655464 1.351351 2.466870 5.226431 0.722222 16.26046	10.70072 0.377105 0.2407 3.178076 3.730018 8.040201 23.01111
2005/02 004407 106028 1550/04 700056 140705 527778 12:0615 17:0472 20057 004420 - 0414 - 27702 7:0000 55000 950004 150006 43000 - 3 20059 004420 - 0414 - 27702 7:0000 55000 950006 150006 150006 15000 214070 004605 15064 150162 7:0000 515070 010667 150406 7:04607 531070 004605 0106405 431081 04842 44725 100607 150160 7:14407 12 2361075 004605 010645 130161 02642 44725 100607 150405 7:04407 2361075 004605 010605 130161 02642 44725 100607 150405 124407 2361075 004605 010615 270270 6170515 12000 1104444 20326 205122 20	11273401 1225031 1172400 1225704 1230500 8231405 138380 250105 470.000 800 608450 1028170 242940 8179570 5040783 105620 1001111 1471691 044033 49 9727028 022278 1451728 649498 568149 442211 805656 201444 41394 01875 897288 0 01494942 1419419 870375 502526 148389 20512 501455 68875	8009126 0 0.471027 140644 0.32600 17.58104 283660 0.50224 17.5502 3377 0.14410 118524 2.314654 0.19285 14.9426 7.58104 12.7778 313008 445.718 7.8525 15.17128 3771028 3530008 33723787 9.7782 301308 441.111 803941 145.718 7.8525	9446351 0365603 120501 135151 7.104708 4874572 105 2470675 4658974 737.5 10.11419 0 4.45549 1824524 568887 10.30161 122222 2380173 4413319 687.5 14.68490 0 10.010707 444544 568887 10.30161 122222 2380173 4413319 687.5	1144644 0 0.04242 2.03730 1.77514 9.01045 1134054 11342 042324 0.775 7393475 0 2.460786 0.57677 0.008616 19005 1.40 201437 4463884 7.87 1106289 1230103 1.467505 1.55454 3.552388 4824121 80.94444 2150407 4157208 050.25	25/1223 85/14231 1334792 75/7068 25932 386947 833333 1475.61 2610.048 3800 1500069 1183245 7.002183 31/72678 9.058616 189.4472 383.0656 973.8618 1179.467 1881.22	9524796 266366 0.919037 8.378378 1.2.48339 54.27138 136.1111 268.2927 510.669 906.25 16.96574 1.165345 0.654673 5.878578 3.652368 27.13668 92.77178 181.7073 369.9654 630.625	12/23401 2/55172 1/50737 89/80/0 6/571038 37/58844 88/61111 222/3577 412/0570 587/5 11/74051 1/831897 0/897/95 14/80490 2/841918 73/80825 1/31/3889 28/455/28 487/1795 81/5	126017 494128 823017 364944 211887 104423 377778 678868 144652 1775 5136017 49418 823017 364944 211887 104423 377778 678868 144652 1775 513602 0538739 0,796604 2,422432 0 235/809 5861111 1130061 214287 330022	7.66721 0 1.641138 6.283784 4.262877 28.1407 81.94444 164.6341 291.2088 518.75 0.666448 1077569 0.064463 8.106106 0.201005 0.627778 162.0325 263.8628 403.75	2137031 6.142241 9.190372 39.86466 13.49.911 256.2814 538.8889 1012.146 1868.132 2725 7.895566 0 0.59061 1.959469 3.018538 10.59231 32.22222 55.28455 80.08059 140.875	13.05057 4094828 9.846827 37.16216 17.58437 2241206 477.1778 804878 1377.289 1962.5 13.05057 4094828 5.47946 47.2973 14.20459 180.402 294.4444 617.8862 1087.912 1918.75	0000852 1077586 1.159737 4.121622 4.440447 2304824 48.10067 1343988 219.7802 411875 12.1044 0.862089 5.032823 20.94695 8.525755 118.0805 2.44.444 453.4146 835.1648 123125	4323002 0 0.656465 5.337838 2.131430 20.1005 5.3.61111 02.00244 107.8022 2.48.75	14.1025 0.000823 1.247265 16.89189 3.562398 59.70800 131.9444 270.7317 514.652 83125	23.40/03 5.172.414 10.50328 52.7027 28.8208 385.0206 825 1524.30 2525.541 37.12.5 192.4595 3.0172.41 5.47040 29.73273 8.880886 220.0332 444.4444 784.5528 1302.188 20.50	900040 0.307/24 0.00224 0.419819 3322366 32.50332 80.00007 138.9451 320.5128 470.22 8.504437 3.125 4.310722 20.27027 8.703375 128.1407 261.1111 430.4878 844.3223 1275	14.1925 4.202568 4.595186 31.76976 12.25577 138.191 275 520.3252 898.2974 14.31.25 14.1925 4.202568 4.595186 31.76976 12.25577 138.191 275 520.3252 898.2974 14.31.25	1130865 0.571121 1.772429 10 7.815275 68.83417 138.1667 254.878 4542125 775	2153344 2047414 538105 4391892 142065 2211055 350 7560078 1240.084 191875 7292007 1077686 0.940919 8.444946 5861488 2261307 47.5 119.5122 219.7802 376.25	1027732 0 0.00194 7.5 5.150977 1457285 3527778 57.72359 141.0255 202.5 1458189 1.180345 0.190587 4527027 4440487 13.06533 8.511111 17.38518 27.10523 15	10.00788 1616370 0.743082 1.418010 2.300050 12.56281 20.44444 26.42276 47.8022 53.75 13.7031 1.260776 0.962801 2.77027 4786737 23.61808 2.333333 25.20325 41.57609 28.75	15.40755 0.969828 1.094092 6.013514 7.282416 2.3.61909 2.4.72222 32.02683 38.09524 40.625 11.7.4051 0.268021 1.444201 4.121622 7.104790 30.15075 75.27778 123.9837 2.43.5897 428.125	0.484014 0.284464 5202703 10.47067 1155779 2138889 16.26016 2179487 16 0 1.531729 3.040541 0.216060 17.58794 16.38889 16.00607 15.38462 11.125	0.4669 0.284464 6.013614 6.927176 15.57789 7.222222 8.943089 16.30037 11.25 2.37069 1.334792 3.986486 4.796737 13.06533 18.05558 31.30081 33.89853 40.825	1003946 1.37/79 2.40/00 17.50/57 8.78004 0432101 1410007 24512 018.310 8.25 3680768 0.655776 1.251028 8.783784 4.618117 26.13065 87.5 1317073 230.7892 427.5	30.15171 1.516370 8.126015 22.07207 8.348135 140.201 307.2222 862.8016 1203.297 1012.5	2871126 2047414 2056603 2207207 8340135 1447228 222222 4706746 5531138 88875 2871126 1496346 2078775 8844944 006864 2663317 1833333 2660036 2142690 21426	27.4062 0.538743 1.467465 8.851351 11.01243 26.13065 15.27778 22.35772 15.20147 13.75 21.53344 0 1.400468 3.581081 8.691474 10.05025 8.333333 12.00103 9.89011 8.8125	36.0522 2.047414 2.888403 17.63514 38.06594 49.74674 51.38889 41.88992 43.58974 31.25 41.92490 0.0393873 6.554054 12.61101 37.18693 20.300.813 26.73693 23.75	182/#09 0.300378 1010183 3370376 2.3049048 9.040220 10 9.4711340 0.80470 0.30423 4856217 4.202568 5.022823 25.57668 29.38622 63.8161 59.10667 63.00813 39.19414 38.75	36.5416 2.37069 107221 5.540541 4.796737 42.71367 92.77778 168.9431 302.1978 531.25	1903752 1938655 3,282276 9,72973 7,282416 11,05528 25,27778 199187 21,97802 19,375 22,16966 1400862 2,725711 4,682162 6,03078 63,31668 138,1111 277,2348 461,5385 750	2153344 2047414 6564651 30,40641 14,74246 179,8895 277,7778 500,9756 993,37 1493,75	2/10009 0.200940 0.700219 /122/027 3907038 3/200944 119-4444 2418088 3099034 043/5 054023 0.00133 0.300346 4180180 2.131433 13.56784 46.00067 84.14634 161.1722 29125	8400558 0.818900 0.575274 0.210210 7.952895 4572854 119.4444 240.5504 388.2784 706.25	1458180 0.581807 1.487085 5.418010 0.238234 5778804 125 305.5041 474.350 818.75 10.03085 2.446472 6.709867 26.26426 40.74661 448.2472 326 606.8041 0.277280 4475	45442265 0.2222243 1.334792 5.0875588 0.05988 19.09548 48.61111 128.4228 195.9797 350	822186 0.75431 2.14442 2432432 0.571836 120.003 178.8889 300.2439 019.0476 981.25 12.07178 1.25 4.201313 34.45940 13.40911 162.3116 324.1667 942.2764 1100.733 1750	0.022363 8.150507 0.344628 0.705884 3.548549 1.367573 2.9.14673 6.7.22222 165.0407 200.0733 406.25	0 029802 533381 0.00088 0.218818 3.178876 3.374778 17.08543 40 0148341 17.04872 3.1128	0.050633 11.58238 0.18310 2.210066 6.283784 6.571938 46.22613 122.2222 273.9837 448.7179 649.375	0.000053 9298632 0.216517 1.531729 7.837638 0.748606 42.71357 76.38889 224.3902 402.9304 018.122 0.02616 3.132137 0.000207 0.2407 2.162162 0.952575 5.427136 18.61111 52.43902 78.02188 173.122	11.08299 0.549069 1.203001 8.783784 0.71048 38.69347 83.88889 1947154 316.8488 593.75	1101142 0.3425 1004002 472073 1240308 2512683 6305566 1609768 2820513 452.5	4274062 0.00061 0.100656 0.472973 2.654268 4.723618 8.888888 8.940689 11.72161 13.125 3233605 0.474139 0.655494 1.351351 2.469670 5.226131 0.72222 16.26049 10.03001 16.875	10/70072 0.377105 0.2407 3.176076 3.730018 8.040201 23.01111 21.56122 32.78388 21.875
258427 084407 104003 145444 708054 440705 527773 51565 175467 35 01502 25057 061425 0424 277027 746003 155770 040564 27504 53004 35 01502 25057 061425 0424 27702 746003 115770 040567 754057 74504 75 140707 251670 06465 170547 12252 746003 115770 040567 75045 74005 74514 251670 044602 07064 311611 04252 746034 115770 040567 75057 14067 75 25 140707 251670 044602 07064 311611 04262 145770 040567 75057 15050 74057 125 140707 251670 044602 07075 270203 817056 12003 116444 23252 205122 23 25860	1272491 1222491 1222491 122249 122005 021169 123169 123169 220100 470.000 180 1261625 008450 0245703 124568 6178773 040768 216569 026111 147456 0401033 4875 682309 0278700 025270 12752 046948 058149 442211 010555 021444 41394 16157 10566 927268 0 0144962 1419310 970375 033556 148369 28512 501455 68517 158647	8009135 0 0-047627 3-400-0 522502 1730534 2085550 53024 173052 33375 53446 101440 118534 231008 3375278 187588 1730534 127778 313081 40337 142778 2125 30227 1517129 3371052 351008 3375278 187588 12758 12758 12759 12758 12759 127578	9446351 0365603 123601 135151 7.104708 487472 105 247.9675 4358074 737.5 108406 10.11419 0 4.157549 1524524 1688827 1032151 122222 105 247.9675 441.3819 057 10475 14.08490 0 10.010775 4354704 35475708 5417869 0577772 120.01660 5860744 716555 1165755	1104649 0 004562 203010 1/0189 001000 1/0000 0/110000 0/1000 00520 00520 00120 00120 00120 00120 00120 00120 00 7993476 0 240786 0758777 005866 6180005 144 20478 445884 7875 1/14333 1106239 1280103 1.487095 1554454 325238 4824121 9834444 2150407 4157098 95025 103238	25/1225 85/1291 1334792 7567668 259325 3893947 833333 147561 261048 300 5425.10 1560059 1180345 7.02188 317875 9058615 184.472 3830656 8788618 1179.47 185125 2656.87	9824708 286086 0.010037 8378378 12.46339 5427138 130.1111 2882927 510.489 90525 1388.421 16.9674 1.185346 0.634673 5878378 3.552398 27.13688 9277778 1817073 369.9654 630.525 1161.945	1223441 2155172 1:59737 8918419 8:571938 3758944 8861111 2223577 4120879 587.5 0059614 1174051 1831897 0.897155 14384490 2.841918 7388985 1313889 2845528 497.1795 815 1226.721	128817 494438 853817 844844 211887 101423 377.778 8788818 14452 175 527480 128817 494438 853817 844844 211887 101423 377.778 8788818 14452 175 527480 513802 0538783 0.78684 2.432422 0 2301809 9861111 1130061 214287 330,025 902024	7.66721 0 1.641138 6.263764 4.262377 28.1407 81.94444 164.6341 291.2088 518.75 813.7852 0.6684418 1077569 0.364493 8.108108 0 20.1005 04.27778 452.0357 283.8678 443.25 740.8807	2137031 6140244 9.490372 39.86486 13.40911 2562.814 538.8889 1012.105 1888.132 2725 4210.528 7.880595 0 0.55061 1.959469 3.019538 19.58231 3222222 05.28475 80.08059 140.875 249.8038	13.05057 4.044628 9.844627 37.16216 17.58437 2241206 477.7778 80.4878 1377.259 1962.5 3048582 13.05057 4.044628 5.47046 47.2973 14.20859 180.402 294.4444 817.8862 1087.912 1618.75 2240.081	600662 1077560 1159737 4121522 444049 2904624 4810607 1348688 2197802 411875 6923077 121044 0862060 5.022823 2094695 8.625755 118.0005 244.4444 463.4146 895.1548 123125 1793.522	4323002 0 0.666465 5337838 2.131439 20.1005 53.81111 0.30244 197.8022 2.4675 42.51012	14.1025 0.0008228 1247255 18.80180 3.552388 50709800 131.0444 270.7317 514.652 83125 1275.304 12.23441 0.00046 40.027 6.232276 7.44556 62.14466 64.0444 70.0425 122.264 402.76 72.14556	23.40/03 5.172.414 10.50328 52.7027 26.8208 385.0306 825 1524.30 2525.541 3712.5 5376.518 192.4593 3.0172.41 5.47040 29.73373 8.880395 220.032 444.4444 784.5528 1302.188 2050 3178.138	900040 0.907724 0.00224 0.419419 3.002346 32.00322 8000007 1089443 32.05128 440.20 8213022 8.504437 3.125 4.310722 20.27027 8.703375 128.1407 261.1111 480.4878 8.44.3223 1275 1902.834	14,1925 4202588 4,595180 31,79076 12,25577 138,191 275 520,3252 889,2074 1431,25 21417	1190865 0.571121 1.772429 10 7.815275 06.83417 138.1667 254.878 4542125 775 1174.08	2153344 2047414 538105 4391892 1420858 2211055 350 7560078 1240084 191875 2831576 7292007 1077588 0.940919 8.449946 5381488 2261307 47.5 1195122 219.7802 376.25 639.6761	1027732 0 0.00194 7.5 5.450977 1457288 3527778 57.72388 141.0258 202.5 4048583 1458189 1.188345 0.196637 4527027 4440447 13.06533 8.511111 17.88618 27.10523 15 20.24291	10.00788 1816370 0.743062 1416010 2300050 1256281 20.44444 26.42278 47.8022 53.75 64.77733 13.7031 1200776 0.902801 2.77027 4.790737 23.81609 23.33333 25.20325 41.57809 28.75 34.81781	1540755 0060828 1004002 6013514 7.282416 2361800 2472222 20.02683 38.06524 40.625 31.07400 1174051 0.298621 1.444201 4.121622 7.104780 30.15075 75.27778 123.9837 243.5897 428.125 072.0645	0.4844914 0.284484 5.202703 10.47957 11.55779 2.138889 15.26016 2.179487 16 7.28744 0 1.531729 3.040541 0.210690 17.58784 10.38889 15.60507 15.38492 11.125 15.78947	0.4666 0.234464 6013514 6.927176 1557769 7.222222 8.945069 16.50057 11.25 20.64777 2.37069 1.334792 3.985466 4.766737 13.05533 18.05556 31.30061 33.59663 40.825 40.78757	1003446 1.30/739 2.40/700 1/30/57 9/20044 04/22/01 141/0007 240/122 018/310 8/20 1319/822 30/0019 0.055776 1.20/028 8/783784 4/010/17 20/13005 8/7.5 (31/7073 230/7692 4/27.5 070/1130	30.15171 1515370 5.125915 22.07267 8.349135 140.201 307 2222 852.5016 1203.297 1012.5 3008.007	2871128 2047414 2056803 2207207 8349135 1447228 222222 47.08748 5531138 88875 1100202 7871136 1190136 2178275 884040 000064 2063317 1832333 2660036 214780 2115 03174	27.4062 0.538703 1.487065 8351351 11.01248 26.13065 16.27778 22.35772 16.20147 13.75 21.46746 21.53344 0 1.400488 3.051081 8.591474 10.05025 8.333333 12.00163 9.88011 8.8125 8.097108	30.0522 2.047414 2.889403 17.63614 28.08304 40.74674 61.38880 41.86002 43.58974 31.25 24.60636 41.92490 0 0.393873 0.554054 12.01101 37.18693 20 30.0813 20.73993 23.75 19.83800	1922-903 030039 101199 3210370 2309049 90/90220 10 94/11040 036970 00022 137019 4959217 4202598 5.02282 2557568 28.999822 938191 59.10867 03.00813 39.19414 38.75 42.51012	38.5416 2.37069 107221 5.540541 4.795737 42.71857 92.77778 168.9431 302.1978 531.25 983.592	10.03752 193065 3.282276 9.72973 7.282416 11.05528 25.27778 19.9187 21.97802 19.375 21.05285 22.16966 1.401862 2.275711 4.682462 6.030078 63.31668 138.1111 277.2369 461.5385 750 1121.452	2153344 2047414 0.584561 30.45641 14.74246 179.8895 277.7778 500.9756 903.37 1493.75 2056.02	2/0008 0/200940 0/00/219 /0/2/02/ 380/050 3/08844 118/4444 2418088 3088654 043/5 10/20/24- 054023 -0.00133 0.308346 4/180188 2/131430 13/56754 46/80867 84/14634 161/1722 201/25 630/5781	8.400058 0.818900 0.875274 0.210210 7.882886 4672864 119.4444 240.8504 388.2784 700.25 1000.725	1468189 0.561897 1.467065 6.418919 9.238234 5778894 125 306.5041 474.359 81875 1295.547 10.0066 2.466472 5.706867 76.56436 42.74561 442.2472 326 605.6041 0.277380 4425 2240.528	4540266 0.226203 1.334792 5.067668 -0.05068 10.00548 48.61111 128.4228 105.0707 350 558704	8/22186 0/75431 2/14442 2432432 6/571830 120/003 178/8888 380/2439 6180/476 981/25 1056/278 12/07178 1/25 4/201313 34/4646 13/49911 162/3116 324/1667 642/2764 1100/733 1750 2031/576	0.022303 8155507 0.344828 0.755854 3.545649 1.307673 2.914573 67.22222 165.0407 2250.0733 446.25 676.1154	0 822186 0840517 0482801 0256757 7845275 623155 1113860 2503408 4010060 700 111338 0128602 538281 -010068 0218818 3178778 3374778 1708543 40 0146341 1704677 31125 502040	0.050833 11.50238 0.18310 2.210088 6.283784 6.571938 4522613 122.2222 273.9837 4487179 549.375 1113.38	0.050453 9.298532 0.216517 1.531729 7.837838 0.748555 42.71357 76.38889 224.3902 402.9304 018125 9715559 0.02615 3.132137 0.050207 0.2407 2.162162 0.852575 5.427136 18.61111 52.43902 750.2186 173.125 203.1578	11.00239 0.542669 1.203001 8.783784 0.71048 38.69347 83.88889 1947154 316.8468 593.75 882.5911	1101142 03125 1004002 472073 1245007 0740151 974242 0740010 10165001 10270 444074 1101142 03125 1004002 472073 124330 2512553 6305556 1609756 282.0513 462.5 7044634	4274062 0.00061 0.100656 0.472973 2.064298 4.723818 8.888888 8.940088 1172181 13.125 18.21802 3833605 0.474438 0.655494 1351951 2.466675 5.22611 0.722222 16.28046 10.00001 16.875 22.26721	10/70072 0.377155 0.2407 3.175075 3.730018 8.040201 23.61111 21.85122 32.78388 2.1875 40.88009
226427 084407 106023 145404 70026 440705 527778 2.0612 71442 535 7.07402 535 2.0022 5475 220627 081424 0.412 77027 74000 65200 50206 43706 43600 5.0005 74045 221647 08465 175047 12620 746005 115070 016667 16046 7445 511670 04465 04465 3161 16262 745066 715046 7164817 12.5 14070 18270 511670 04465 04465 3161 16262 14570 016667 164817 12.417 251170 04465 3161 16262 14570 16655 10040 710441 2022 205122 20 2128804 18559	1072401 1220011 1772401 126704 126704 126000 8231050 205105 47000 80 1261201 1263702 508450 1058703 124704 817075 105075 315020 4281111 412504 104033 427 582300 1130 427 9778703 025270 1261729 649494 5281497 4422111 805050 213446 413194 6157 10516 126709 897288 0 074982 1419419 570375 5025125 145389 20512 5091575 58575 168421 175975	800405 0 0.40700 344044 522000 173034 208060 65024 1575002 33376 53446 807460 101440 118504 2.94646 1817089 114643 75874 127778 313004 48207 76854 12777 151719 377005 2590408 327328 34768 120109 401111 805461 444037 75826 122287 2452	944551 0.355603 1.203801 1351551 7.104708 437477 105 2479675 4358074 737 5 1080.009 1050 109 10.14159 0 4.15764 13.4224 560882 00.30161 12.22222 2380173 41.3819 637 5 1054777 142.28 14.6860 0 10.01077 44.13.4245 4560882 05.7778 10.1660 3580744 718051 10525 110547	11046269 0 004262 200010 1/0194 001049 1104069 1110400 101000 00120 00420 00420 10100 7303475 0 240076 057677 005616 013005 140 200407 4463684 787.5 140432 101042 1106236 126010 1.467065 1254054 3052368 4524121 9034444 2150407 4157009 650.25 1032389 (472.05	25/1225 85/1231 1334702 75/07/08 25/925 98/03/947 833333 1475/0 29/10.048 300 54/5/10 1682 200 15/0009 118545 7.02/88 3178078 0.08615 190.4472 360.0568 058818 1170.47 198125 2625,87 3521739	9824708 2803968 0.910027 8.378378 1.240339 5427138 138.1111 288.2027 510.969 906.25 1368.421 1875.778 16.96574 1.185345 0.634673 5.878578 3.552386 27.13668 92.77778 181.7073 369.9654 630.625 116.1945 1683.861	1223441 2155172 1150737 8918010 6571638 3788844 8861111 2223577 4120879 587.5 0859514 1400.844 1174551 1831897 0.887155 1488486 2.841918 7388826 131.3889 2845528 487.1785 815 1220.721 1751.503	1250117 484438 883017 384894 2110877 101423 377778 988818 14452 1775 47430 31024 1250107 484438 883017 3848944 2110877 101423 377778 988818 14452 1775 47480 31025 5130002 0538738 0785004 2452452 0 2351809 5861111 1130051 214267 330,025 502.0246 089.441	786721 0 1841138 6283784 4260877 281407 8194444 1646534 2912088 518.75 813.7662 1173.913	2137031 6140244 9.490372 39.88466 13.40911 256.2814 538.8889 1012.146 1888.132 2725 4210.528 5093.168 7.886595 0 0.58081 1.959459 3.018538 10.58281 32.22222 56.28455 80.08059 140.875 2.49.9038 380.4696	13.05057 4.044628 9.846827 37.16216 17.58437 2241206 477.7778 804878 1377.259 1962.5 3048.583 3819.876 13.05057 4.044628 5.47046 47.2373 14.20659 180.402 294.4444 917.8862 1087.912 1918.75 2340.081 2875.776	6506652 1077566 1/69737 412/622 4440497 290-624 49/10607 1344668 2197302 411875 692.3077 900.0211 12.1044 0.862069 5.022823 20.94695 8.525755 1180.905 244.4444 463.4146 835.1048 1231.25 1793.522 2280.137		14.1025 0.000628 1.247265 18.80160 3.502368 6979600 131.9444 270.7317 514.652 831.25 1275.304 1813.865	23-40/03 5-172-414 10-50228 52.7027 28.8206 385.9296 825 1524.39 2525.541 37.12.5 5376.518 6472.05 192-40-09 30.172-41 5-470-40 29.72973 8.880086 220.832 444.444 784.5528 1302.588 2050 3178.138 3869.565	900040 U.907724 -00024 6.419819 350396 32.0032 800000 1989451 3205128 4/6.22 8218023 1130.450 8504437 3.125 4.310722 2027027 8.703375 128.1407 261.1111 450.4678 844.3223 1275 1902834 2385.003	14.1925 4.202508 4.695198 31.79076 12.29577 132.191 275 520.3252 869.2974 1431.25 2.1417 2833.099	1130885 0.571121 1.772420 10 7.815275 0583417 138.1867 254878 4542125 775 1174080 1527.95	2153344 2047414 538105 4391862 1420859 2211055 350 7580078 1240064 191875 2831579 3102.547 7292007 1077688 0.940919 8.448946 5881488 2281307 47.5 119.5122 219.7802 378.25 639.6781 832.2881	1027732 0 0.00194 7.5 5.150977 1457288 3527778 5772358 141.0258 202.5 4048583 5180124 1458189 1180346 0.986827 4.527027 4.440487 13.06533 8.511111 17.88618 27.10523 15 20.24291 32.29814	10.00788 1816370 0.743082 1418910 2.300050 12.56281 20.44444 26.42278 47.8022 53.75 64.77733 64.50827 13.7031 12.00776 0.902801 2.77027 4.780737 23.81809 23.3333 25.20325 41.57809 28.75 34.81781 42.85714	1540755 0.969828 1.044002 6.015514 7.282416 23.51800 2472222 22.02683 38.04824 40.625 31.07400 46.56385 1174051 0.285021 1.444201 4.121622 7.104780 30.15075 75.27778 123.9857 243.5897 428.125 072.0048 881.9876	0.484014 0.284464 5.202703 10.47957 1155779 2138889 16.28016 2179467 16 7.287440 2111801 0 1.531729 3.040541 6.216050 17.58794 10.38889 16.06067 15.38462 11.125 15.78947 16.77019	0.44669 0.234464 6013514 6.627176 15.57789 7.222222 8.943069 16.30037 11.25 20.64777 2.111801 2.37069 1.334792 3.985486 4.765737 13.05533 18.05556 31.30081 33.59663 40.525 49.78757 65.21759	1003440 1.30/758 2.40000 17.50757 8/20044 0423101 141,0007 2.40122 018,510 8/2 1319.838 1797.04 36,88796 0.635778 1.201028 8783784 4618117 2613065 87.5 1317073 2307802 427.5 676.1134 960.3108	30.15171 1518370 8.128015 22.07207 8.348135 140.201 307.2222 882.8016 1203.207 1912.5 3008.007 3728.708	2874128 2047414 2058893 2207207 8348435 1447228 2222222 47.98748 5531438 88875 1400283 1814407 2874146 1498246 2078776 8844840 0098646 2643317 1823333 26.80076 2407802 242.96 0341744 1877010	27.4062 0.533740 1.4074065 8355151 11.01240 26.13065 1627778 22.35772 16.20147 13.75 21.46740 18.01242 21.53344 0 1.400438 3.051061 8.051451 8.05145 10.05025 8.333333 12.00106 9.88011 8.8125 8.057106 8.074594	30.0522 2.047414 2.888403 17.65514 28.06394 49.74874 51.38880 41.86902 43.58074 31.25 24.06658 24.84472 41.92496 0 0.393873 0.554054 12.01101 37.18593 20 30.0813 20.73693 23.75 19.83800 19.93769	1824488 0.0003/8 1.010.85 33/33/6 2.048088 8.049220 10 844/1240 0.888/07 0.0022 13/0246 3.8/344945 4355217 4202588 5.022523 25/87688 28.98822 633/31 59.10867 03:00813 39.19414 38.75 42.51012 25.48084	36,5416 2,37069 1,07221 5,540541 4,796737 42,71367 92,77778 468,9431 302,1978 531,25 963,5628 1329,163	10.03752 1.030855 3.282276 0.72073 7.282446 11.05528 25.27778 10.9187 21.97802 10.375 21.05283 27.32010 22.18968 1.400852 2.275711 4.862162 6.030076 6.331888 138.1111 277.2388 481.5385 7.50 112.1.457 4827.08	2133344 2047414 0.004651 30.40641 1474246 179.8065 277.7778 600.9786 993.37 1483.75 2068.02 2788.82	7/0008 U280946 U/VU218 /UZ/U2/ 39U/058 3/08944 118-4444 2418088 3099054 043/5 1020/246 134/820 054023 -0.00133 0.300346 4/80180 2/31430 1350784 4000067 84/44034 181/1722 20125 0308761 987.5776	8.400558 0.818900 0.875274 0.210216 7.982885 4672804 119.4444 240,0504 388,2784 706,25 1000,729 1391,304	1468189 0.581897 1.487085 6.419010 0.238234 5778894 125 306.5041 474.359 818.75 1205.547 1037.888 1003055 2.48472 5.709867 26.34254 00.74661 442.2412 325 665.6041 0.277320 1427 5210.526 2720.407	4840268 0.228203 1.334792 5.067688 0.05968 19.00548 48.81111 128.4228 195.9707 350 558.7045 795.0311	8.22188 0.75431 2.14442 2432432 0.571830 120.003 178.8869 390.2439 019.0476 981.25 1356.275 1822.288 12.07178 1.25 4.201313 34.46346 13.49911 162.3116 324.1667 542.2764 1100.733 1750 2831573 3306.46	0.022303 8.165007 0.344628 0.765804 3.648049 1.367673 29.14673 87.22222 1650.407 200.0733 460.25 676.1134 887.5776	0 822198 0840517 0982801 0266757 7816275 623196 1113080 2503408 4010080 700 111338 1540364 10001080 700 111338 1540364	0.050653 11.55238 0.18319 2.210088 6.283784 6.571638 4522613 122.2222 273.9857 4467.7179 646.375 1113.38 1400.883	0.00063 9.296532 0.216517 1.331729 7.837838 0.746000 42.71357 76.38889 224.3902 402.8304 018.125 97.10589 1416.149 0.02016 3.132137 0.089207 0.2407 2.102162 0.852575 5.427136 18.81111 52.43902 78.02188 173.125 203.1576 3.90.273	11.00299 0.54069 1.203001 8783784 0.71048 38.69347 83.88889 1947154 3168498 593.75 882.5911 1291.925	1101142 0.3125 1004002 472073 1240309 2512653 630556 160.9768 282.0513 462.5 7044634 1068.323	4274062 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2005/02 004407 100028 155064 700036 400705 527778 12.0451 17.9472 15.55 7.0401 195758 12.0100 20057 001424 0.044 127702 7.0000 50200 900054 43004 43004 12.5 10.0200 930788 2118010 20057 001424 0.0461 120162 7.0000 51577 0.050657 15.04657 12.5 14.0576 17.55 14.057 21.647 0.06655 15564 122162 7.0000 11.5577 0.150657 15.04657 12.5 14.0576 12.5 14.0576 10.7578 10.05057 51878 0.04652 0.04652 2.51051 0.04652 14.0575 0.150657 15.04657 12.4467 12.5 14.0576 10.7578 10.05057 51878 0.04652 0.04652 1.51051 10.0462 14.577 0.150657 15.04657 12.4467 12.5 14.0576 19.7578 10.05057 51878 0.04652 0.04652 0.0517 12.0517 10.0467 10.4467 12.4467 12.4477 12.5 14.0576 10.05758 10.0555 51878 0.04652 0.0517 2.70270 8.17054 12.0007 11.0444 20.3252 20.5122 20 2.38664 18.0324 12.0516	1072401 1220201 177240 1220704 1220704 1230504 0231650 250105 470.000 800 1021021 103722 122020 808450 1058103 247240 8178705 300708 3105820 1031111 412101 044035 9727020 1022725 1451729 1494940 1051640 442211 801555 213444 41394 41394 41371 105155 10355 972728 0 0749422 1419410 870375 502505 443369 20512 5001575 86875 168421 1751075 2398374 897258 0 0749422 1419410 870375 502505 443369 20512 5001575 86875 168421 1751075 2398374	800/35 0 0.047/05 3-44044 6.038/07 /25742 80069 6.8024 107/00 307/5 55440 007.451 04878 01/440 11804 2.34464 54708 11469 75874 220108 40.111 93100 40.27778 31000 40.2778 20017201 102.277 20017 15/17/3 377400 3006 307/378 9.1/681 220108 40.111 93404 144.318 212 3072247 1402.27 20017	944551 035500 1203501 135151 7104706 487427 10 2470975 4858074 737 5 1090059 150166 1917073 1011416 0 457549 1324254 408857 0031051 12222 2380178 41430 1657 5105477 1505 1004777 140784 146959 0 001077 544454 50857 0531051 257778 040569 3850744 71655 116579 1450297 73047	1104269 0 0.04263 2.05030 17.70194 00.1009 17.1002 00.04273 442384 7875 10.0527 109.700 142.700 142.70198 2.020568 7303475 0 2.401786 0.726757 0.08265 6 180005 140 200478 443884 7875 104362 1701983 2.020568 1102299 1280103 1.467885 1554754 3.652388 492.4121 90.94444 2160.407 4157809 660.25 1032380 1472.05 1804978	25.10235 85/1881 13:4702 756/788 254925 8863947 833333 14/551 2781048 300 5425.101 6822.208 833333 14/551 2781048 300 5425.101 6822.208 833333 14/551 179.477 188125 2265 37521739 403252 10000 11/63247 2000 11/63247 100000 11/63247 100000 11/6427 10000 11/6427 10000 11/6477 10000 11/6477 10000 11/6477 10000 11/6477 10000 11/6477 10000 11/6477 10000 11/6477 10000 11/6477 10000 11/6477 10000 11/6477 100000 11/6477 10000 11/6477 10000 11/6477 100000 11/6477 10000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/6477 100000 11/64777 100000 11/64777 1000000 11/64777 10000000000000000000000000000000000	9624006 260366 0.010037 8.378378 1.24338 5427135 138.1111 288.2927 510.869 906.25 1368.421 1875.776 2723.577 1636574 1.185346 0.054673 5.878378 3.682368 27.13668 9271778 181.7073 369.9054 630.625 1161.943 1583.851 2040.65	1223401 2:455172 1:50737 3015910 6571638 37.88944 8651111 2223577 412.0879 567.5 00536514 1400.804 2000325 11.74501 1:831837 0.987165 1:480-480 2:841918 73.88925 1:31.3889 2:845022 497.1785 815 1:226.721 1751.503 2:104.472	1250117 404138 823017 848944 211067 100403 377778 52404 200000 9477 9476 37800 30002 125017 404138 823017 848944 211067 100403 377778 528088 14052 1175 5781400 33055 002024 5130002 0238730 075504 2452422 0 2351009 550111 1120051 2142857 330525 0020248 009441 1000976	786721 0 1541138 6263784 4262877 281407 8104444 1646341 2012086 51875 8137652 1173 913 1528 455 6 668448 1077566 0 054463 8 108108 0 20 1005 46 20778 192 0025 2638626 44375 7408807 90645917 1074 423	2137031 6142241 9.490372 39.86456 13.49911 256.2814 538.3889 1012.146 1868.132 2725 4210.538 5043.168 642.754 7.885595 0 0.58681 1.959469 3.019538 10.58621 32.22222 55.28455 80.08059 140.875 240.9638 386.4686 538.455	13.06057 4.094628 9.846827 37.162/16 17.58437 224.1206 477.1778 80.4878 1377.289 1962.5 3048.583 3819.876 442.2764 13.06057 4.094628 5.47046 47.2873 14.20959 180.402 2.94.4444 617.8862 1057.912 1918.75 2340.081 2375.776 36260.16	600862 107586 1159737 4121522 444049 2604824 4910667 1348868 2197802 411875 6823077 9006211 122033 12.1044 0862069 5.02282 20.94695 8.625765 118.0605 244.444 463.4146 865.1646 123125 1733.522 2280.137 2014834		14.1025 0.000822 1247255 10589180 3552308 50708000 1310444 2707317 514.652 83125 1275304 1813.655 2300813	23-40103 5.172414 10.50228 52.7027 28.8208 385.0206 825 1524.30 2525.541 37.12.5 5378.518 647.205 882.1138 192-4093 3.017241 5.47040 29.72373 8.830885 220.0332 444.444 784.5028 1302.198 2000 3178.138 3850.505 447.80.509	900000 0307724 0400224 0418819 3002366 3200332 8000007 1889451 3205128 440525 8218023 1130450 1418094 8504457 3.125 4.310722 2027027 8.703375 128.1407 201.1111 430.4678 8.44.3223 11276 1902.834 2385.083 2833.333	14.1925 4.202698 4.595190 31.79076 12.25577 138.191 275 520.3252 889.2674 143125 2.1417 2.833.509 3940.341	1190885 0.571121 1.772429 10 7.815275 06.83417 138.1867 254878 4542125 775 1174.089 1527.95 1947.154	2153344 2047414 538105 4391882 1430859 2211055 350 7860078 1240084 191875 2831579 3102.547 4012185 7282007 1077588 0.940919 8.445946 5381488 2261307 47.5 119.5122 219.7802 376.25 639.6781 832.281 1466.687	1027732 0 0.00194 7.5 5.150077 1457286 3527778 57.72368 141.0256 202.5 4048583 518.0124 752.0325 1468189 1.180346 0.190587 4527027 4440487 13.06533 8.611111 17.88018 27.10623 15 20.24291 32.28814 37.38837	10.00788 1616370 0.745982 1419010 2.000050 12.56281 20.44444 26.42278 47.8022 53.75 64.77733 64.59827 72.25772 13.7031 1260770 0.602801 2.77027 47.96737 23.81609 23.3333 25.20328 41.57809 28.75 34.81781 42.85714 07.47967	1540755 0.050828 1.004002 6.013514 7.232416 23.61300 247222 25.02683 38.04524 40.625 31.17400 46.56385 44.71545 11.74051 0.258021 1.444201 4.121022 7.104790 30.15075 7527778 123.8837 243.5897 4428.125 072.0048 881.9876 1138211	0.484914 0.284464 6.202703 10.47957 11.55779 21.38889 16.26016 21.79487 16 7.287440 21.11801 21.54472 0 1.531729 3.040541 6.210960 17.58784 16.38889 16.00057 15.38402 11.125 15.78947 16.77019 22.35772	0.40689 0.284464 6019514 6.827176 1557789 7222222 8940689 1630057 1125 20.64777 21.11801 19.10569 2.37069 1.334782 3.985448 4.79573 13.0553 18.05558 31.30081 33.98983 40.825 44.79757 65.21759 68.22058	1003448 1.20/759 2.40000 1720/57 8/20044 0422/01 1410007 2.90122 515.315 825 1511858 1757.04 2.941403 3688786 0.655776 1.201028 8783784 4.648117 2613065 87.5 1317073 2307892 427.5 6761134 660.3108 1280.163	30.15171 1.518370 6.126015 22.07207 8.348135 140.201 307.2222 662.8016 1203.207 10.12.5 3008.007 3726.708 4735772	2871128 2047414 2058903 2207207 8348135 1447238 2222222 47.98748 5531138 88875 1100283 1814007 188.0010 2871136 149734 207875 8649400 009864 2663317 1933333 266007 2107872 2107.00124144 167700 16.4414	27.4082 0.638793 1.4874085 8851351 11.012.42 28.13085 162.7778 22.38772 16.20147 13.75 21.48740 18.012.42 13.00813 21.53344 0 1.400488 3.691081 8.691474 10.05025 8.33333 12.00103 9.89011 8.8125 8.067108 8.074034 5.091057	30.0522 2.047414 2.889403 1765514 28.06304 40.74674 5138880 41.88002 4559074 31.25 24.08058 24.84072 15.8506 41.92490 0 0.343873 0.554054 12.01101 37.18593 20 30.0813 20.73663 23.75 19.83800 19.93789 19.9187	1922-4938 0300378 1311783 3375076 2398428 8044220 10 8471740 0388707 03022 1370708 3313943 3843948 3843988 49.58217 4202588 5.022823 2557688 29.99822 63.8181 59.16667 63.00613 39.19414 38.75 42.51012 25.4684 22.79423	38,5416 2,37069 107221 5540541 4796737 4271357 9277778 168,9431 302,1978 531,25 083,5622 1320,193 1723,577	10.03752 1938055 3.282276 0.72073 7.282416 11.05528 25.27778 10.9187 21.97802 10.375 21.05283 27.32010 25.00078 22.18986 1.40082 2.275711 4.662162 6.030078 63.31856 138.1111 277.2388 481.5385 750 1121.447 1827.04 1006.504	2153344 2.047414 6.564651 30.46541 14.74246 179.8995 2777778 560.9756 993.37 1493.75 2085.02 2788.82 3463.285	7/0008 U.2484946 U.700219 /U27027 330/008 37.000941 118-4444 2418088 20830034 04575 1020246 1347-820 1009319 054022 0.00133 0.300346 4.180180 2.131430 1350784 40800067 84.14034 1011722 2.0125 030.0701 987.5776 1200.480	8.400558 0.818900 0.875274 0.210210 7.882886 4672864 119.4444 240.0504 388.2784 706.25 1000.729 1391.304 1995.935	1488180 0.581807 1.487085 5.418010 0.238234 5778804 125 3055041 474350 81875 1205547 1027.888 2813821 1003055 21454172 4.705857 2634434 00714591 4482412 225 6058041 0277350 4475 2240558 2720.407 32701722	4840286 0.222200 1.334702 5.067698 -0.05068 10.00548 48.61111 128.4228 105.0707 350 558.7045 705.0311 1073.171	822186 0.75431 2.14442 2432432 6.571830 120.003 178.8888 390.2439 6180.476 981.25 1350.275 1822.288 2422.764 120.773 1.25 4.201313 3446346 13.49611 152.3116 324.1867 642.2764 1100.733 1750 2331578 3386.46 4.280.468	0.022383 8150507 0.344828 0.755894 3548549 13877673 2914673 6722222 1650407 2000733 466.25 675.1134 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K rich igneo DK9_Z16_3	K non igneo UK9_215_1	K-rich Igneo DK9_Z5_3	K rich igneo DK9_Z16_4	K-rich igneo DK9_Z10_3	K rich igneo DK9_Z1_4	K rich igneo DK9_Z7_1	K rich igneo DK9 Z1 6	K rich Igneo DK9_Z19_3	K rich igneo DK9_Z9_4	14 rich igneo DK9_Z16_5	K rich igneo DK9_Z19_1	K-rich igneo DK9_Z6_5	K rich igneo DK9_Z6_3	14 rich igneo DK9_Z10_2	K rich igneo DK9_29_3	K rich Igneo DK9_Z15_2	K rich igneo DK9_ZZ0_5	14 noh igneo UK9_27_5	K-noh igneo UK9-29-2	K-non igneo UK9_27_4	M non igneo UK3_25_4	K sick issue DV9 76 4	K rich igneo DK9 Z14 4	K rich igneo DK9 Z16 Ti 1	K rich igneo DK9_Z4_1	K rich igneo DK9_Z1_Ti_1	K rich igneo DK9_Z14_6	K rich igneo DK9_Z16_2	K rich igneo DK9_Z14_3	K rich igneo DK9-Z16-1	14 rich igneo DK9_Z9_1	K rich igneo D V9_Z1_Ti_2	K rich igneo DK9_Z14_2	K rich igneo DK9_Z20_2	K rich igneo DK9_Z14_1	K rich igneo DK9-Z14-10	K rich igneo DK9-Z14-7	K rich igneo DK9-Z20-1	K rich igneo DK9-Z14-18	14 rich igneo DK9_Z13_3	K rich Igneo DK9_21_3	K nich igneo DK9-Z14-8	K rich igneo DK9-Z14-6	K rich igneo DK9-Z20-7	K rich laneo DK9-Z14-16	K nich igneo DK9_714_1	PL DOL DAU ONU ON UN	K rich igneo DK9-Z14-11	K rich igneo DK9-Z14-5	K rich igneo DK9-Z1-6	K rich igneo DK9-Z20-4	K rich igneo DK9-Z14-9	Kenich igneo DK9-Z14-17	K non igneo DK9-21-1	K rich Igneo DK9-Z20-2	K rich igneo DK9-Z1-2	K rich igneo D K9_Z16_T1_2	14 rich igneo DK9-Z20-3	K rich igneo DK9-Z14-15	K rich igneo DK9-Z14-13	K not igned DK9_714_12	P-PL-CAU cauge non-	Kerich igneo DK9-ZZ0-5	K rich igneo DK9-Z20-6	K rich igneo DK9-Z16-2	K rich igneo DK9-Z14-2	K rich igneo DK9_Z5_4	K rich igneo DK9_Z16_1	K noh ignéo UK9-21-4	K rich igneo DK9-Z14-3	K nich igneo DK9_Z5_5		K rich igneo DK6_25_6 K rich igneo DK6_25_7	12 July Lanon DVC 70 G
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anhedral, sma rim	anhedral, poss core?	anhedral, sma rim anhedral, no o rim	anhedral, poss core?	anhedral, no o rim	anhedral, no o rim	annedial, deution	anhedral, no c rim	anhedral, no o rim	anhedral, grunrim	anhedral no o rim	anhedral, no o rim	anhedral, sma rim	anhedral, poss rim	anhedral, grunrim	anhedral, no o rim	anhedral, detri rim	anhedral, detri rim	anhedral, possrim	anhedral, no o rim	anhedral, detri rim			anhedral, sma rim anhedral, no o rim	anhedral, no c rim	anhedral, grunrim	anhedral, no o rim	anhedral, sma rim	anhedral, sma rim	anhedral, sma rim anhedral, poss rim	anhedral, grunrim	anhedral, sma rim	anhedral, no c rim	<u>a</u> .	anhedral, no o rim	anhedral, sma rim	Matrix anhedral, sma rim	anhedral, grunrim	annedral, no o rim anhedral, no o rim	Inclusion (r anhedral, no o rim	anhedral, sma rim	anhedral, sma rim Vir anhedral, no o rim	anhedral, possrim	anhedral, grunnim	anhedral, sma rim	anhedral, no o rim	anhedral, no o rim	anhedral, sma rim	annedral, no o rim anhedral, sma rim	anhedral, no o rim		anhedral, possrim anhedral, possrim	anhedral, no o rim	anhedral, no o rim	anhedral, no o rim	anhedral, grunrim	anhedral, detririm	anhedral, no o rim

#VALUE #VALUE #VALUE #VALUE #VALUE #VALUE 0.00228 #VALUE 0.0717 -3.5E-0 0.0282 #VALUE 0.0282 #VALUE 0.0282 #VALUE 0.02067 #VALUE 0.02953 0.08329 #VALUE #VALUE #VALUE 0.05486 0.05486 0.01007 0.278481 0.089606 VALUE VALUE NALUE IVALUE 5.028066 12.07337 5.028066 7.00166 11.04501 14.020166 4.192460 4.192460 4.192460 4.192460 4.192460 4.192460 13.06057 11.20716 3.377641 3.377641 12.276162 3.377641 11.27716 2.120716 11.27746 11 111.1.1.00007 111.1.2.0017 111.1.2.0017 111.1.2.0017 111.2.2.0017 111. 11039600 11726232 3146232 3146232 237000 #VALUE #VALUE #VALUE 0382827 0582827 0582827 0582827 0582827 0582827 0582827 0592282 0592282 0592287 0592087 0592287 05927 00 3.122 3.87931 13.14855 0.431034 0.44181 1.088352 0.301724 0.301724 0.851230 2.80172 2.26293 #VALU EI 1.002152 1.55172 5.1724 1.18534 2.56390 2.56390 1.07758 1.07758 1.07758 1.07758 1.77805 1.77805 1.77805 1.77805 1.77805 1.77855 1.27805 1.27805 1.27855 1.27855 1.27855 1.27855 1.20865 1.20865 1.14567 .83189 .55387 .153011 .84913 0.4814 2.516414 2.603039 0.786303 1.86303 72.4288 30.0346 5.929978 9.628000 36.76140 4.310723 4.72647 36.1050 9.84082 50962 92997 133260 30.86488 37.63614 229.72973 229.72973 23.64886 12.06469 21.62165 31.76678 16.216214 16.216214 12.16214 14.05407 14.05407 14.05407 14.05407 1110-2004 2 2 101-00 2 2 101-00 5 2000-10 2 13143 8 52575 8 52575 9 03607 9 0360 4477380 44271028 44271028 44271028 44271028 44271028 44271028 44271028 44221018 4421018 44210 30,00007 19,4444 60,83333 20 41.0000 41,4634 34,14633 40,0504 17,4796 32,5203 32,5205 32,5203 32,5205 32,52 5.0162 5.1788 7.1544 9.2682 9.2682 9.2682 9.2682 1.1382 1.1382 1.1382 1.1382 2,5203 e la situación de la situación 8 (12) 4 (4 (300) 4 (4 (300)) 2 (4 (30)) 2 (4 (30)) 2 (4 (30)) 2 (4 (30)) 4 (4 .1578 411-12-022 412-027 412-027 412-027 412-027 413-0007 413-0007 414-0007 417-0007 44,50480 500,5101 2017,1042 2017,104 26.4227 4447.154 16.666 28.0487 28.0487 31.3008 31.3008 24.7967 24.7967 122.0000 0000000 227.6422 22.1357 22.1357 22.1357 22.23577 23.5776 23.6774 23.6774 23.6776 23.6774 23.5776 23.5776 23.5776 23.5776 23.5776 23.57772 23.577772 23.57772 23.57772 23.57772 23.577772 23.577772 23.5777772 23. 09.512

anhedral, detrital, no os cil	794 Matrix	914	2.0	9.8 496±79	0.1	172.6				
anhedral, detrital, no osoil	808 Matrix	930	2.0	11.4	5.4	49.8	0.059 0.00313088	126.9036 13.7638262	DK35_ZZ2_Z 12	meta-sed DI
anhedral, detri core	779 Matrix	807	2.0	8.3	2.0	32.7	0.0551 0.00368939	194.5525 9.882425		meta-sed DI
anhedral, detri core	848 Matrix	973	2.0	17	1.4	32.2	0.0926 0.00637494	188.3239 5.68323055	DK35_Z20_1 18	meta-sed DI
anhedral, detri core	839 ©arnet	964	2.0	15.8	24	27.0	0.0529 0.00235146	236.4066 13.1731394		meta-sed DI
anhedral, detri core	776 Matrix	895	2.0	8.1	1.4	25.2	0.1096 0.00994459	235.2941 12.5425746	DK35_Z9_1 23	meta-sed DI
anhedral, grou core	848 Garnet	973	2.0	16.9	1.3	21.0	0.0633 0.00564382	299.4012 14.7192272	1	meta-sed DI
anhedral, detrital, no os oi	830 Matrix	953	2.0	14.2	1.7	20.8	0.0526 0.0048163	307.6923 16.3502172	2.57	
anhedral, detri rim	829 Matrix	952	2.0	4	1.5	192		326.7974 24.3873926		meta-sed DI
anhedral, sma rim	810 Matrix	938	2.0	12.3	0.9	182			E	
anhedral, sma rim	1021 Bio/Phi	1159	2.0	71	0.7	16.9				
anhedral, sma rim	1000 Bio/Phi	1136	2.0	61	0.7	16.8			244	
anhedral, detri core	838 Matrix	962	2.0	15.4	8.0	18.7		384.3198 12.2984705	34	
anhedral, detri rim	843 Oarnet	968	2.0	16.2	0.9	18.1				
anhedral, no c rim	847 Matrix	972	2.0	16.8	0.6	14.8	0.0475 0.00286225	434.9717 15.5307626	DK35_Z13_2 43	meta-sed DI
anhedral, sma rim	888 Matrix	1016	2.0	24.5	0.6	14.4				
anhedral, sma rim	717 Bio/Phi	829	2.0	4	0,9	14.3				
anhedral, sma rim	815 Matrix	937	2.0	12.2	0.7	14.1	202200200 2500	454.1326 18.2941335	DK35_Z16_2 45	meta-sed DI
anhedral, sma rim	1004 Bio/Phi	1141	2.0	8	0.6	140				
anhedral, sma rim	1039 Bio/Phi	1179	2.0	81	0.0	137			<u>ц</u>	
anhedral. sma rim	1039 Bio/Phi	1179	2.0	<u>®</u>	8	137				
anhedral, sma rim	1023 Bio/Phi	1161	2.0	72	06	137				
anhedral ema rim	800 Matrix	824	20	± 5	D 0	13.5	POLICUELU U 35U U CCCPTADOCO 71 COLO	4 14 4336 14 7946674	DK35 716 3 40	motacod Di
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anhedral, sma rim	854 Matrix	880	20	1 2	6	132			N	
anhedral, detri rim	835 Garnet	950	2.0	14,9	1.0	13.2				meta-sed DI
anhedral, sma rim	1032 Bio/Phi	1171	2.0	77	0.5	132				meta sed DI
anhedral, sma rim	1002 Bio/Phi	1139	2.0	8	0.0	13.1			-	
anhedral, no c rim	974 Matrix	1109	2.0	50.2	0.5	12.9			P	
anhedral, sma rim	1006 Bio/Phi	1143	2.0	24	0.5	12.9				
anhedral no o rim	854 Matrix	979	20	17.0	0.7	12.8				
anhedral ema nore	SUB Watty	82	20	1 5 5	0.0	107	100537 0.00668600 7520.0	200 2511 18 0235189 Concept 2		meta-sed Di
anhedral, detri rim	BUB Matrix	930	2.0	11.4	0.4	123			DK35_ZZ3_4 5Z	
anhedral, no c rim	794 Matrix	914	2.0	9.8	7.0	12.1			- 14	
anhedral, detrital, no osoil	816 Matrix	936	2.0	12.3	0.4	11.8			1153	
anhedral, detri rim	803 Matrix	924	2.0	10.8	0.4	117	0.0436 0.00409394	553.0973 13.448319	w	meta-sed DI
anhedral, no c rim	841 Matrix	905	2.0	15.8	0.5	11.8	0.052 0.01104905	552.1811 17.1422431	DK35_Z18_1 55	meta-sed DI
anhedral, detri rim	879 Matrix	1006	2.0	22.6	05	115	~			
anhedral, no o rim	852 Matrix	977	2.0	17.8	0.6	11.0			w	
anhedral, detri rim	904 Matrix	1034	2.0	28,4	0.6	11.0	0			
anhedral, detri rim	783 Matrix	83	20	87	8	10.0	0.041 0.016021	597.0149 22.0473789	DK35 Z20 2 59	meta sed Di
an bodeal disks sim		2	20	48.7	2	5			20 20	
anhedral, detri core	833 Garnet	957	2.0	14.7 1400 ± 140	3.1	317	0.0761 0.00409347	195.3125 18.7225808	DK33_Z5_1 19	meta sed DI
anhedral, detri rim	829 Garnet	952	2.0	14 1226 ± 200	8.0	17.3	0.0615 0.00296697	364.9635 16.3693363	24	meta-sed DI
anhedral, meturim	787 Matrix	808	2.0	9.1	0.5	145	0.0458 0.00238308	445.236 15.3383315		meta-sed DI
anhedral, no c rim	774 Matrix	892	2.0	7.9	70	13.9			-	
anhedral, no c rim	816 Matrix	938	2.0	12.3	05	13.7				
anhedral, no c rim	839 Matrix	963	2.0	3 5 5	0.4	12.6			212	
anhedral, no o rim	848 Matrix	971	2.0	18.7	0.4	12.B			DK33_Z3_1 40	
anhedral, no o rim	781 Matrix	909	8 8	80	0.4	12.3	0.096 0.01116631	490.6771 12.1850814	-	meta-sed DI
anhedral, grou core	846 Garnet	970	2.0	15.5 405±75	a.1	92.2	0.0541 0.00169137	58.87052 4.44043947	DK20_25_1 68	meta-sed D
anhedral, detri core	857 Matrix	982	2.0	18.4 487 ± 97	0	71.9	0.0556 0.00220149	88.26125 4.63391745		
anhedral, grun core	863 Garnet	080	2.0	10.5	5.0	482				meta-sed DI

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