МИНИСТЕРСТВО ПРИРОДНЫХ РЕСУРСОВ И ЭКОЛОГИИ РОССИЙСКОЙ ФЕДЕРАЦИИ
ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО НЕДРОПОЛЬЗОВАНИЮ

ГОСУДАРСТВЕННАЯ ГЕОЛОГИЧЕСКАЯ КАРТА РОССИЙСКОЙ ФЕДЕРАЦИИ масштаба 1 : 200 000

Издание второе

Алданская серия

КАРТА ПОЛЕЗНЫХ ИСКОПАЕМЫХ И ЗАКОНОМЕРНОСТЕЙ ИХ РАЗМЕЩЕНИЯ

O-51-XXVII (оз. Кунды)

П О Л Е З Н Ы Е И С К О П А Е М Ы Е

Группа	Подгруппа, вид	Месторождения: Крупные	Средние	Мелкие	Проявления	Пункты минерализации	Генетические типы	Рудные формации
ГОРЮЧИЕ	Твердые горючие Уголь каменный	Ж, К	Ж, К				Осадочный	Каменноугольная
МЕТАЛЛИЧЕСКИЕ	Черные металлы Титан, железо				Ti,Fe	✦ Ti,Fe	Магматогенный	Ильменит-титано-магнетитовая
	Цветные металлы Свинец					✦ Pb,Zn	Гидротермальный	Полиметаллическая
	Никель, хром, свинец					✦ Ni,Cr,Pb		
	Молибден				Mo	✦ Mo	Гидротермальный	Золото-молибденовая
					Mo,U,Au		Гидротермально-метасоматический	Золото-уран-молибденовая
	Благородные металлы Золото				Au	✦ Au	Гидротермальный	Золото-кварцевая
					Au,Mo		Гидротермально-метасоматический	Золото-молибденовая
	Золото (россыпи)		Au	Au	Au		Осадочно-механический	Золотоносных россыпей
	Серебро					✦ Ag,Pb,Zn	Гидротермальный	Золото-кварцевая
	Радиоактивные элементы Уран, золото				U,Au		Гидротермально-метасоматический	Золото-урановая

Примечание. Марки для каменных углей: Ж – жирный, К – коксовый, ОС – отощенный спекающийся

ПРОМЫШЛЕННАЯ ОСВОЕННОСТЬ МЕСТОРОЖДЕНИЙ

- Законсервированные
- Отработанные
- Площади месторождений каменного угля

Точечные пробы:

- Au – в коренных породах
- Au – в рыхлых отложениях
- Zn – гидрохимические

ГЕОХИМИЧЕСКИЕ АНОМАЛИИ

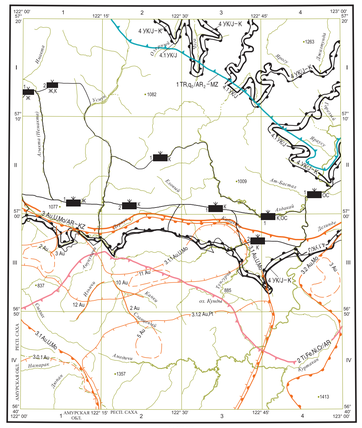
Литохимические ореолы:

- Au – в коренных породах
- Au – в рыхлых отложениях
- Ox – Литохимический поток в рыхлых отложениях

ШЛИХОВОЕ ОПРОБОВАНИЕ

- Ti – Шлиховые потоки: ильменита, Hg – киновари, W – шеелита, Au – золота, Al – корунда
- Au – Точечные шлиховые пробы

СХЕМА МИНЕРАГЕНИЧЕСКОГО РАЙОНИРОВАНИЯ И ПРОГНОЗА ПОЛЕЗНЫХ ИСКОПАЕМЫХ



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УСЛОВНЫЕ ОБОЗНАЧЕНИЯ

- 1 TR$_3$–J$_1$/AR$_3$–MZ — Субпано-Килерская кварцево-кристаленосно-редкоземельная минерагеническая зона
- 2 Ti,Fe,Ni,Cr/AR — Зверевско-Курультинская хром-никель-железо-титаноносная минерагеническая зона
- 3 Au,U,Mo/AR–KZ — Становая молибден-уран-золотоносная минерагеническая зона
- 3.1 Au,U,Mo — Кабактинский молибден-уран-золотоносный район
- 3.1.1 Au,U,Mo — Верхнетунгуринский молибден-уран-золотоносный узел
- 3.1.2 Au,Pt — Кабактинский платино-золотоносный узел
- 3.2 Au,Mo — Верхне-Алданский молибден-золотоносный район
- 3.2.1 Au — Доланский золотоносный узел за пределами рудных районов
- 4 YKJ–K — Южно-Якутский каменноугольный бассейн
- 4.1 YKJ — Усмунский угленосный район
- 11 Au — Прогнозируемые россыпи по известным потокам золота и их номера по КПИ. Сибач – III-1-3, Канки – III-2-10, Ильичи – III-1-12, Станцевый – IV-2-2
- 2 Au — Прогнозируемые площади на обнаружение коренного золота по известным геохимическим ореолам и их номер по КПИ. -Сибач-Строгин – III-1-2 -Канкинская – III-2-11 -Шумилинская – IV-2-5 -Междуречинская – III-1-3
- 1 Ж, К — Известные месторождения углей и их номера по КПИ. -Нематинское – I-1-1 -Усмунское – I-1-2 -Нижнетунгуринское – II-1-1 -Елюкан – II-2-1 -Усть-Усмунское – II-2-2 -Верхне-Тунгуринское – II-3-1 -Усть-Алдамайское – III-4-1 -Южное – III-3-2 -Алданское – III-4-1

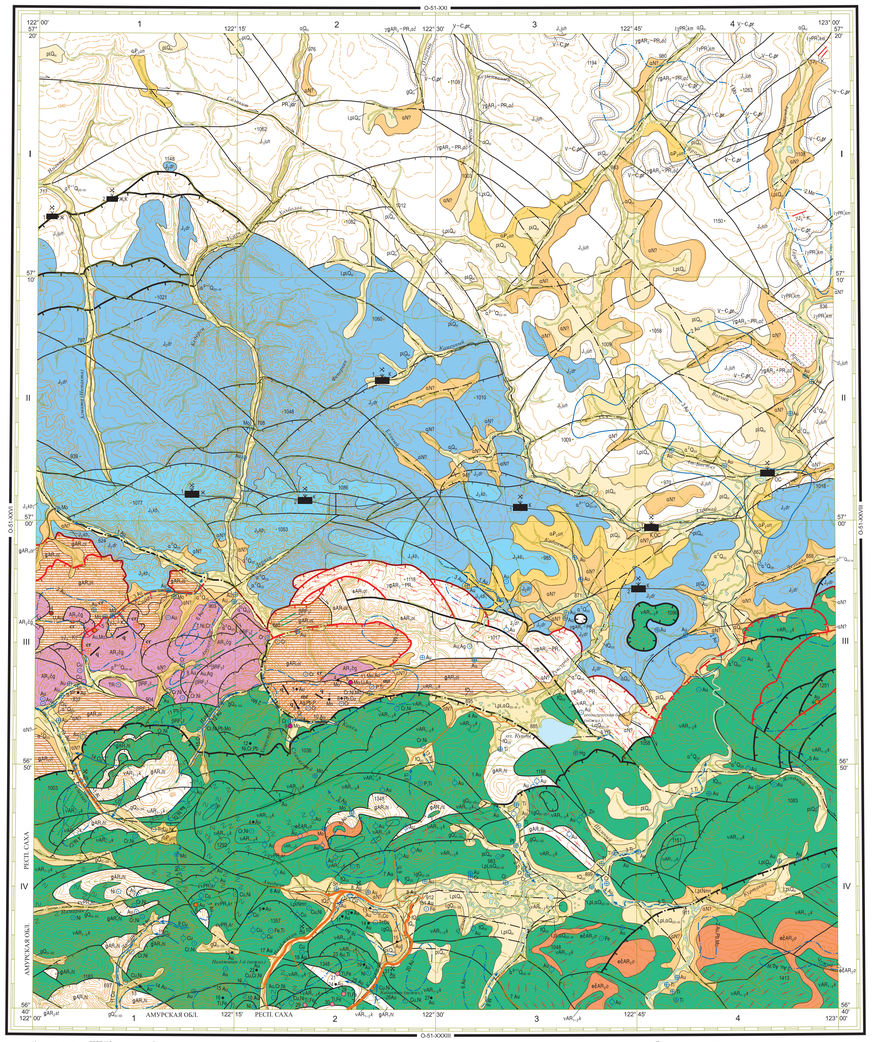
ПРОГНОЗНЫЕ РЕСУРСЫ ПОЛЕЗНЫХ ИСКОПАЕМЫХ

Номер на схеме	Прогнозные ресурсы: P_1	P_2	P_3	Оценка перспективности объекта	Рекомендуемые виды работ	Вид полезного ископаемого
I-1-1		61		в/в	ПО1	Уголь
I-1-2	25	110		в/в	ПО1	Уголь
II-1-1	909	40	47	в/в	ПО1	Уголь
II-2-2			564	в/в	ПО1	Уголь
II-2-1			246	в/в	ПО2	Уголь
II-3-1			452	в/в	ПО1	Уголь
III-4-1			194	в/с	ПО2	Уголь
III-3-2			423	в/с	ПО3	Уголь
II-4-1			266	в/м	ПО3	Уголь
III-1-2			6–10	в/с	ПО2	Золото коренное
III-2-11			6	в/с	ПО2	Золото коренное
IV-2-5			3	с/с	СП-25	Золото коренное
III-4-3			7,7	в/с	СП-25	Золото коренное
III-1-3			161	в/с		Золото россыпное
III-1-12			618	в/с		Золото россыпное
IV-2-2			178	в/с		Золото россыпное
III-2-10			128	в/с		Золото россыпное

P_1 — Категории и величины прогнозных ресурсов минерального сырья в тоннах для коренного золота, для россыпного золота в кг, для угля в млн тонн

в/с — Оценка перспективности объектов. Числитель – степень перспективности (в – высокая, с – средняя); знаменатель – надежность ее определения (в – впоне надежная, с – средней надежности, м – малой надежности)

ПО1 — Рекомендуемые геологоразведочные работы: ПО – поисково-оценочные (1 – первой очереди, 2 – второй очереди, 3 – третьей очереди), СП-25 – специализированные поиски масштаба 1 : 25 000



1 : 200 000

в 1 сантиметре 2 километра

км 4 3 2 1 0 4 8 12 км

Сплошные горизонтали проведены через 80 метров

Карта составлена в ГГП "Южнокутеологоия"
Авторы: В.Я. КЕДРИ, С.И. СКОПЛЯ
Редактор Е.А. КАРДАШ
Сведения о полезных ископаемых даны на карте по состоянию на 1 января 2002 г.
Карта рекомендована к изданию НРС МПР РФ 27 мая 2003 г.
Эксперт НРС Е.Б. Хотина

Цифровая модель подготовлена в ГГП1 "Южнокутеологоия"
Составители: А.М. Ванифатьев, Е.А. Кардаш, О.А. Бойко, Э.В. Леухин

Приемка и редактирование авторских материалов выполнены специалистами Картографической фабрики ФГБУ "ВСЕГЕИ"

Электронная карта и макет созданы специалистами Московского филиала ФГБУ "ВСЕГЕИ"

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СХЕМА РАСПОЛОЖЕНИЯ ЛИСТОВ АЛДАНСКОЙ СЕРИИ

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